

**5ESS®-2000 Switch
ASSERTS MANUAL
5E11 - 5E14**

Document: 235-600-500

Issue Date: September 1999

Issue Number: 14.00A

Legal Notice

Copyright ©1999 Lucent Technologies, Inc. All Rights Reserved.

This electronic information product (IP) is protected by the copyright and trade secret laws of the United States and other countries. The complete document may not be reproduced, distributed, or altered in any fashion. Selected sections may be copied or printed with the utilities provided by the viewer software as set forth in the contract between the copyright owner and the licensee to facilitate use by the licensee, but further distribution of the data is prohibited.

For permission to reproduce or distribute, call:

1-800-645-6759 (From inside the continental United States)

1-317-322-6847 (From outside the continental United States).

Notice

Every effort was made to ensure that the information in this IP was complete and accurate at the time of publication. However, information is subject to change.

This IP describes certain hardware, software, features, and capabilities of Lucent Technologies products. This IP is for information purposes; therefore, caution is advised that this IP may differ from any configuration currently installed.

Lucent Technologies is the successor to the business and assets of AT&T Network Systems business unit.

Mandatory Customer Information

Interference Information: Part 15 of FCC Rules - Refer to the 5ESS[®] Switch Product Specification IP.

Trademarks

4ESS is a trademark of Lucent Technologies.

5ESS is a registered trademark of Lucent Technologies.

ANSI is a registered trademark of American National Standards Institute.

AUTOPLEX is a registered trademark of Lucent Technologies.

COMMON LANGUAGE is a registered trademark and CLEI, CLLI, CLCI, and CLFI are trademarks of Bell Communications Research, Inc.

ESS is a trademark of Lucent Technologies.

MEGACOM is registered trademark of AT&T Corp.

SLC is a registered trademark of Lucent Technologies.

UNIX is a registered trademark in the United States and other countries, licensed exclusively through X/Open Company Ltd.

Warranty

Warranty information applicable to the 5ESS[®] switch may be obtained from the Lucent Technologies Account Management organization. Customer-modified hardware and/or software is not covered by this warranty.

Ordering Information

This IP is distributed by the Lucent Technologies Customer Information Center in Indianapolis, Indiana.

The order number for this IP is 235-600-500. To order, call:

1-888-LUCENT8 (1-888-582-3688) or fax to 1-800-566-9568 (From inside the continental United States)

1-317-322-6847 or fax to 1-317-322-6699 (From outside the continental United States).

Support Telephone Numbers

Information Product Support Telephone Number: To report errors or ask nontechnical questions about this or other IPs produced by Lucent Technologies, call 1-800-645-6759.

Technical Support Telephone Numbers: For initial technical assistance, call the North American Regional Technical Assistance Center (NARTAC) at 1-800-225-RTAC (1-800-225-7822). For further assistance, call the Customer Technical Assistance Management (CTAM) Center:

1-800-225-4672 (From inside the continental United States)

1-630-224-4672 (From outside the continental United States).

The CTAM center is staffed 24 hours a day, 7 days a week.

Acknowledgment

Developed by Lucent Technologies Customer Training and Information Products.

1. INTRODUCTION

1.1 PURPOSE

The 5ESS[®] Switch Asserts Manual is a guide to the assert output messages that are produced in response to failed defensive checks. Its purpose is to help the user interpret the assert output messages.

This document includes software releases 5E11 through 5E14 and is intended for use by personnel who operate and maintain the 5ESS[®] switch. This document assumes the reader has advanced training on the 5ESS[®] switch, preferably through the 5ESS[®] Switch Maintenance: Trouble Analysis (ES5862) course.

1.2 UPDATE INFORMATION

1.2.1 General

This document is being updated to include new and updated asserts.

1.2.2 Supported Software Releases

In accordance with the 5ESS[®] Switch Software Support Plan, the 5E11 software release will be rated Discontinued Availability (DA) on November 13, 1999. The information supporting 5E11 and earlier is being removed over time, instead of concurrently, from all documentation.

If you are supporting offices using a software release prior to 5E12 and have a need for the information that is being removed, it is recommended that you retain the associated pages as they are removed from the paper documents or the earlier copy of the CDRom.

1.2.3 Terminology

This 5ESS[®] switch document may contain references to the 5ESS[®] switch, the 5ESS-2000 switch, and the 5ESS AnyMedia Switch. The official name of the product has been changed back to the 5ESS[®] switch. The documentation will not be totally reissued to change these references. Instead, the changes will be made over time, as technical changes to the document are required. In the interim, assume that any reference to the 5ESS-2000 switch or the 5ESS AnyMedia Switch is also applicable to the 5ESS[®] switch. It should be noted that this name change may not have been carried forward into software-influenced items such as input and output messages, master control center screens, and recent change/verify screens.

National ISDN is an evolving platform in which new features will continue to be introduced for new revenue opportunities, improved operational efficiencies, and for support of specific applications. NI 1, NI 2, and NI 3 represent specific features as documented in Bellcore SRs 1937, 2120, and 2457. The industry is migrating to an additional terminology to more specifically denote the availability of National ISDN features: NI 95, NI 96, etc. A feature is included in a specific version (such as, NI 96) if it is available by the switch vendors by the first quarter of the year.

As a result of the World Telecommunications Standardization Conference held March 1-12, 1993, the International Telegraph and Telephone Consultative Committee (CCITT) no longer exists as an organization under the International Telecommunication Union (ITU). According to the ITU, the CCITT is now referred to as the International Telecommunication Union - Telecommunication Standardization Sector (ITU-TS).

For new and revised Recommendations issued by the ITU-TS, the term "CCITT Recommendation X.xxx" will be replaced by the "ITU-T Recommendation X.xxx" designation. For a transition period from 1993 to 1997, if the Recommendation had a previous CCITT designation, the new name will include "(formerly CCITT Recommendation X.xxx)". Names of existing CCITT Recommendations will not change unless revised.

As of March 18, 1999, Bellcore officially changed its name to Telcordia Technologies. Not all pages of this document are being reissued to reflect this change; instead, the pages will be reissued over time, as technical and other changes are required. Customers on standing order for this document may see that, on previous-issue pages, the Bellcore name is still exclusively used.

Customers receiving new orders for this document will see the Telcordia Technologies name used as appropriate throughout the document, and the Bellcore name used only to identify items that were produced under the Bellcore name. Exceptions may exist in software-influenced elements such as input/output messages, master control center screens, and recent change/verify screens. These elements will not be changed in this document until such time as they are changed in the software code. Document updates will not be made specifically to remove historical references to Bellcore.

1.3 ORGANIZATION

The 5ESS[®] Switch Asserts Manual is organized as follows:

- **Introduction:** Section 1 briefly describes the contents of the Asserts Manual and how they are organized.
- **Overview:** Section 2 presents a high-level overview of asserts and the various assert output messages. Also, this section describes how to locate the assert descriptions in this document.
- **Assert Ranges:** Section 3 defines the assert ranges and charts them through the various software releases.
- **Mnemonic Index:** Section 4 lists the 5ESS[®] switch asserts by mnemonic and range, and maps them to their assert number for each software release.
- **Numeric Indexes:** Section 5 contains one subsection for each software release. Each subsection contains a list of assert error codes particular to that software release. The list provides the Processor Recovery Message (PRM) code, the range, and the mnemonic associated with each error code.
- **Acronyms:** This section expands the acronyms used in this document.
- **Glossary:** This section defines the terms used in this document.
- **Assert Descriptions:** Sections 6, 7, and 8 list the asserts by range/mnemonic and describe the problem that caused a particular assert failure. Manual action assert descriptions contain additional information on the data structures (relations) that are involved and the actions needed to solve the problem.

1.4 USER FEEDBACK

The producers of this document are constantly striving to improve quality and usability. Please use the enclosed feedback form for your comments and to advise us of any errors (available in paper documents only). Or, you can write to us at the following address:

Lucent Technologies
Documentation Services
2400 Reynolda Road
Winston-Salem, NC 27106

Please include the issue number and/or date of the document, your complete mailing address, and telephone number. We will answer all correspondence within 30 days, informing you of the disposition of your comments.

You may also call our Documentation HOTLINE if you need an immediate answer to a documentation question. This HOTLINE is not intended to eliminate the use of the comment forms, but rather to enhance the comment process. The HOTLINE number is 1-800-645-6759 and is available from 7:30 a.m. to 6:00 p.m. Eastern Standard time.

Outside of those hours, the line is served by an answering machine. You can leave a message on the answering machine, and someone will return your call the following business day.

Document users who have access to electronic mail facilities may send comments via electronic mail. The electronic address is **hotline5@wrddo.lucent.com**. When sending comments via electronic mail, please make sure that the document title, document number, document issue number, and/or document date are included in the mail along with the sender's name, phone number, and address.

1.5 DISTRIBUTION

This document is distributed by the Lucent Technologies Customer Information Center in Indianapolis, Indiana. Most operating telephone companies should place orders through their documentation coordinator. Some companies may allow customers to order directly from the Customer Information Center; however, the majority do not. Companies that use documentation coordinators to manage their orders receive a significant discount. If you do not know the name/number of the documentation coordinator for your company, you may call **1-888-LUCENT-8 (1-888-582-3688)** to obtain the name and telephone number.

Customers not represented by a documentation coordinator and Lucent Technologies employees can order the documentation for the 5ESS[®] switch directly from the Customer Information Center. Proper billing information must be provided. These orders may be mailed to:

Lucent Technologies
Customer Information Center
Order Entry
2855 N. Franklin Road
Indianapolis, IN 46219

Orders may also be called in on **1-888-LUCENT-8 (1-888-582-3688)** within the continental United States and **+1-317-322-6416** from outside the continental United States. Orders may be faxed in on **1-317-322-6484**.

1.6 TECHNICAL ASSISTANCE

Technical assistance for the 5ESS[®] switch can be obtained by calling the North American Regional Technical Assistance Center (NARTAC) at **1-800-225-RTAC**. This telephone number is monitored 24 hours a day, 7 days a week. During regular business hours, your call will be answered by your local NARTAC. Outside of normal business hours, all calls will be answered at a centralized technical assistance center where service-affecting problems will be dispatched immediately to your local NARTAC. All other problems will be referred to your local NARTAC on the next regular business day.

1.7 REFERENCES

Following is a list of other Lucent Technologies documents that are referenced in this document.

- 235-600-400, 5ESS[®] *Switch Audits Manual*
- 235-600-2xx, 5ESS[®] *Switch Dynamic Data Manual*
- 235-600-700, 5ESS[®] *Switch Input Messages Manual*
- 235-600-750, 5ESS[®] *Switch Output Messages Manual*
- 235-600-601, 5ESS[®] 2000 *Switch Processor Recovery Messages Manual*
- 235-118-2xx, 5ESS[®] *Switch Recent Change Procedures Manual*

- 235-118-2xx, *5ESS[®] Switch Recent Change Reference Manual*
- 235-600-1xx, *5ESS[®] Switch Translations Data Manual*
- 235-600-2xx, *5ESS[®] Switch Translations and Dynamic Data Manual*

NOTE 1: An "x" or "x"s in the last three positions of a release specific document number indicate the digits that change from release to release. Refer to 235-001-001, *Documentation Description and Ordering Guide* for the document number associated with each software release.

NOTE 2: This document also contains information concerning the Compact Digital Exchange (CDX) and the Very Compact Digital Exchange (VCDX), which are switching systems based on the 5ESS[®] switch. This document is a standard 5ESS[®] switch document that is also applicable to the CDX and VCDX switching systems. Information applicable only to CDX and VCDX may be found in the following manuals:

- 235-120-010, *Compact Digital Exchange (CDX) Reference Guide*
- 235-120-020, *Compact Digital Exchange (CDX) User's Guide*
- 235-120-120, *Very Compact Digital Exchange (VCDX) User's Guide*

2. OVERVIEW

2.1 5ESS® SWITCH SOFTWARE ARCHITECTURE

The 5ESS® switch software consists of five major areas: operating system, database, call processing, maintenance, and administrative services (see Figure 2-1). Asserts occur in all five areas.

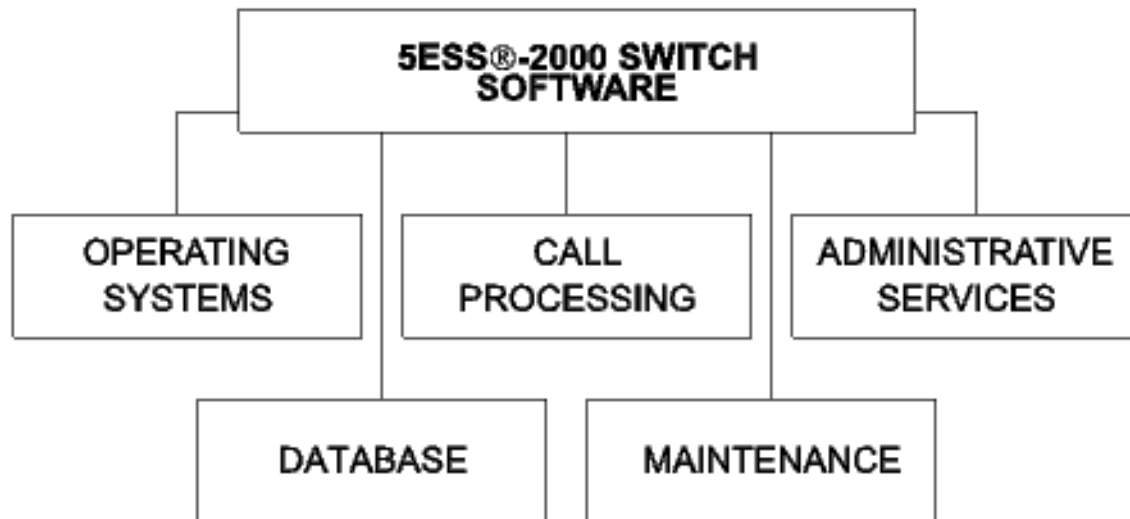


Figure 2-1 5ESS Switch Software Architecture

Operating System	Two operating systems which have asserts control the 5ESS® switch software: operating system for distributed switching (OSDS) and <i>UNIX</i> ®-real time reliable (RTR). OSDS is the operating system that provides an environment in which the application software can execute. It ranks tasks and allocates necessary resources. <i>UNIX</i> ®-RTR is the general-purpose operating system used in the administrative module (AM).
Database	The database area stores the protected and unprotected data needed by other switch software to maintain the system and perform call processing. The 5ESS® switch database can be accessed internally by application code, or externally by end users such as operating company personnel, telephone subscribers, and operations support systems (OSSs).
Call Processing	Telephone subscribers can access and update the database through customer originated recent change (CORC). Other end users must use either recent change and verify (RC/V), the office database editor (ODBE), or the access editor (ACCED). The call processing area sets up and manages calls. It is divided into three subsystems: peripheral control (PC), feature control (FC), and routing and terminal allocation (RTA). The PC subsystem manages the switching equipment; the FC subsystem sets up calls; and the RTA subsystem provides screening, routing, charging information, directory number translation, and other call processing functions.
Maintenance	Asserts from these subsystems are likely to be related to database or code problems that may affect call processing. The maintenance area ensures that the switch functions reliably despite occurrences of hardware or software faults. The maintenance area is divided into six subsystems: system integrity, switch maintenance, terminal

Administrative
Services

maintenance, human machine, utilities, and diagnostic supervisor. Asserts are managed by the system integrity subsystem. The administrative services area consists of measurements, billing, network management, and service evaluation programs which collect, process, and transmit information.

In relationship to other system software, asserts are a maintenance function managed by the system integrity (SI) subsystem. As shown in Figure 2-2, the SI subsystem is a collection of programs that detect, isolate, and in some cases, recover from software errors.

- Integrity monitors and asserts detect software errors, and while they can initiate recovery actions, they cannot directly correct errors.
- Overload control and audits detect and correct software errors.
- Initialization and pump are methods of recovery. Initialization resets the system to a known, safe state and pump downloads text and data from the disk system to a pumpable processor.

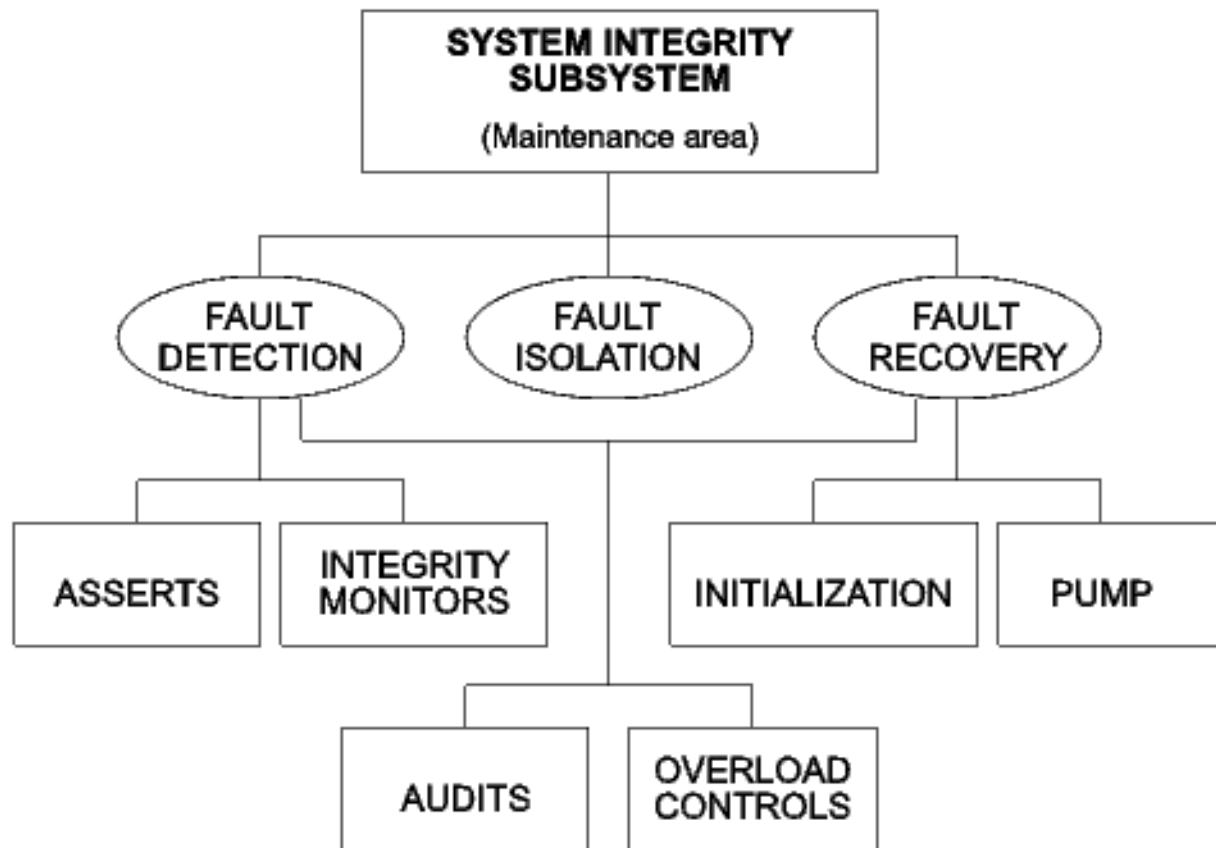


Figure 2-2 System Integrity Subsystem Functional Organization

2.2 ASSERT DEFINITION

Asserts are defensive checks, or small segments of code that detect software errors or inconsistencies within a processor. Unlike audits, asserts cannot correct software errors directly. Instead, asserts report the errors they find to the assert handler (discussed in a later section), which initiates the appropriate corrective actions. Asserts can cause system initializations, audits, return to point of interrupts (RPIs), and single process purges (SPPs).

Asserts derive their name from "assertions." An assertion is a logical condition that can be evaluated as either true or false. An assert, also, can be evaluated as either true or false. Each time program control reaches an assert, a test is made to determine the truth of the assertion (or logical condition). If the assertion is true, no action is taken and the program continues. If the assertion is false (for example, a resource in one data block is marked as "idle" while the same resource in another data block is marked as "in use"), the program is interrupted and the error is reported to the assert handler for appropriate action.

Asserts make the following types of checks:

- Range checks on pointers, global data, and function arguments to ensure that reads and writes occur within restricted ranges.
- Redundancy checks made on duplicate copies of data stored at different locations to detect memory corruption.
- Point-to/point-back linkage checks to prevent network data structure corruption.
- Consistency checks between logically related blocks of data.
- Message acknowledgment checks to ensure that static and dynamic data agree.
- Return code checks to detect invalid return values from function calls.

2.3 ASSERT TYPES

Manual action asserts typically report office dependent data (ODD) related problems, such as a missing tuple. This type of assert can be corrected by maintenance personnel in the field.

Defensive check failure (DCF) asserts usually report software errors. This type of assert is more difficult to analyze and may require escalation to the next level of technical support.

2.4 ASSERT HANDLER

The assert handler is the software that is invoked when an assert fails. The assert handler is responsible for formatting assert output messages and taking the appropriate recovery action.

Asserts can be found in several environments which can best be categorized by the processors that use them. Different environments have different assert handlers, and the treatment of the assert varies depending on the environment.

UNIX®-RTR	The assert handler in the <i>UNIX</i> ®-RTR environment uses routines provided by <i>UNIX</i> ® and the application integrity monitor (AIM) to format and log assert output messages. No recovery actions are taken.
AIM	The assert handler in the AIM environment parallels that of the assert handler in the <i>UNIX</i> ®-RTR environment, except that the interface with AIM is different and the AIM assert handler can take some special recovery actions.
PC	Because the peripheral controller (PC) environment (not to be confused with the peripheral control subsystem) does not have an operating system, the PC assert handler is not supported by the system integrity (SI) subsystem, which typically supports the assert handlers in other environments. The interfaces necessary for the reporting and recovery of asserts that come from this environment are provided by switch maintenance. The peripheral controller environment does not contain audits.
OSDS	The assert handler in the OSDS environment can format or log output messages, and initiate

the following recovery actions:

- **Return to point of interrupt (RPI).** The called function returns control back to the calling function and the remainder of the calling function is executed. RPIs are the least severe recovery action.
- **Elevated segmented audits.** Elevated audits are scheduled at a higher priority than routine audits and are run in segmented mode. Segmented mode means an audit runs in pieces or segments for a predetermined amount of time and then relinquishes the central processing unit. When the audit is dispatched again, it continues where it left off the last time and executes more segments. This continues until the audit completes.
- **Directed nonsegmented audits.** Directed audits are started immediately and run in nonsegmented mode, meaning they run to completion with no interrupts. Because they run to completion, directed audits block call processing while they run. Also, directed audits result in a single process purge of the running process.
- **Single process purge (SPP).** An SPP releases the process control block (PCB) and associated resources directly attached to the purged process. Depending on the process, calls might be lost.
- **Packet services initialization (PSINIT).** Used only in the protocol handler (PH) and packet interface (PI), this recovery action initializes packet services data and hardware. Packet switched calls are lost.
- **Selective initialization.** This recovery action is requested when lower level recovery actions are ineffective. It is one of the more severe recovery actions. Selective initialization is usually the result of escalation.

When an assert is evaluated as false, an assert macro (discussed in the next section) calls the assert handler and provides it with an assert mnemonic as an argument. The assert handler uses the mnemonic to locate an entry in an assert failure table. This entry contains information that determines how the assert handler will process the assert failure.

The assert handler tracks the recent history of assert failures in the system via counters. One counter holds the number of assert failures that result in RPIs, and another counter holds the number of assert failures that result in SPPs. If the number of allowable RPIs for a particular assert failure is exceeded within a specified time interval, the assert handler will escalate, that is, request a more severe recovery action. Similarly, if the number of allowable SPPs is exceeded within a specified time interval, the assert handler will escalate. The recovery action is escalated in this manner until the problem is corrected.

2.5 ASSERT MACROS

Assert macros provide the assert handler with the information it needs to process assert failures. Different output messages are printed for different asserts, depending on the macro that was used in the code to call the assert handler. Currently, the following assert macros are supported:

- AUASRTA()** The assert A macro is used in the code to print a basic set of assert output messages which include a stimulus message, a stack trace message, two stack frame messages (one for each of the two functions prior to the macro call), and a processor register dump message. The assert A macro passes two arguments to the assert handler: the logical condition that should be true and the assert mnemonic.
- AUASRTB()** The assert B macro is similar to the assert A macro in that it will print the basic set of assert

output messages. The assert B macro will also print up to three report data messages that each contain up to 160 bytes of additional data (in hexadecimal format) that is specified by a list of pointers. The assert B macro provides two arguments to the assert handler: the assert mnemonic and an array of up to three pointers to data to be printed in the report data messages.

To simplify the assert B interface, three additional assert B macros are defined: ASSERTB1(), ASSERTB2(), and ASSERTB3(). These assert B macros dump data in hexadecimal format starting at one, two, or three memory addresses, respectively.

AUASRTC() The assert C macro is like the assert A macro except that it causes a specified process (usually a non-running process) to be purged. The assert C macro passes three arguments to the assert handler: the logical condition that should be true, the assert mnemonic, and the process ID of the non-running process to be purged. This macro causes the basic set of output messages to be printed, as well as a message pertaining to the purged process. This macro is used only in the OSDS environment.

AUASRTD() The assert D macro is a combination of an assert B and assert C macro. It provides the ability to dump additional data specified by a list of pointers, plus the ability to purge a specified non-running process. This macro passes three arguments to the assert handler: the assert mnemonic, an array of up to three pointers used to dump pertinent data, and the process number within the process ID structure of the process to be purged.

To simplify the assert D interface, three additional assert D macros are defined: ASSERTD1(), ASSERTD2(), and ASSERTD3(). These assert D macros dump data in hexadecimal format starting at one, two, or three memory addresses, respectively.

AUCFTASRT() The manual action assert macro is used to print one output message that reports a problem (typically, an ODD-related problem) that can be corrected manually at the office. It does not produce stack frame messages, stack trace messages, or report data messages containing hexadecimal data dumps. This macro does not contribute to escalation.

To expand the manual action assert interface to support multiple languages three additional manual action asserts are defined: AUCFTAS3(), AUCFTAS6(), and AUCFTA12(). These macros dump 3, 6 or 12 lines of text.

2.6 ASSERT OUTPUT MESSAGES

2.6.1 DEFENSIVE CHECK FAILURE OUTPUT MESSAGES

2.6.1.1 General

Defensive check failure (DCF) messages are the most common assert messages and are triggered by a variety of causes, including invalid, missing, or inconsistent data. These messages are initiated by assert A, assert B, assert C, or assert D macros.

DCF messages are identified either by a "DEF-CHK-FAIL=" field followed by a number, or by a "SRC=DCF" field. Both fields identify the source of the output message as a defensive check failure. The number that follows the "DEF-CHK-FAIL=" field is the assert error code. This number is used to locate the assert range (functional area) and mnemonic, and the associated assert description in the Asserts Manual.

While not all asserts use them, the following set of messages can be generated by DCF asserts:

- stimulus

- stack trace
- stack frame
- register dump
- report data

See the Output Messages Manual (235-600-750) for a complete description of these output messages.

2.6.1.2 Stimulus Message

The stimulus message is the first of the basic DCF assert messages that will print on the receive only printer (ROP). It has the following key fields:

- **Processor.** Identifies where the failing (also called asserting) code resides.
- **Init Level.** Identifies the level of initialization, such as, RPI, SPP, or selective initialization (SI).
- **DCF Code.** Contains the DCF assert error code used to locate the assert range and mnemonic, and the associated description in the Asserts Manual.
- **Event.** Contains a unique number in the AM, SM, or CMP which correlates output messages associated with a single event.
- **Failing Address.** Contains the virtual address of execution at the time the assert failed.
- **Time.** Contains the time the assert failed in minutes, seconds, and tenths of seconds. The time and the event number can be used to tie related messages together.

SM Stimulus Message:

```
INIT SM=7,0 LVL=RPI EVENT=12 COMPLETED
DEF=CHK-FAIL=25549 NO-AUD-SCHED
FAILING-ADDR=H'1b4c23c SM-MODE=NORMAL TIME=56:38.3
PROCESS: BG=106,0,H'1b4c736,RPI CM=NONE, FG=NONE,,
```

CMP Stimulus Message:

```
INIT CMP=0-0 PRIM LVL=RPI EVENT=49163 COMPLETED
DEF=CHK-FAIL=40772 AUD-SCHED=NONE
FAILING-ADDR=H'b08c070 CMP-MODE=OPFULL TIME=11:32.9
PROCESS: BG=83,2,H'b08c46c,RPI INTJ=NONE FG=NONE
```

AM Stimulus Message:

```
INIT AM LVL=RPI FPUMP DEF=CHK-FAIL= 1152 EVENT=158 COMPLETED
SW-ERR FAIL-ADDR=H'1c08 AM-MODE=NORMAL CU=0 TIME=38:36.9
```

```
PROCESS: OSDS=0,0 CALL-INTJ=NONE DMERT=100 EVENT-FLAGS=H'0
FCODE=0 REQ-PROC=0 HDW-LVL=0 SPP-COUNTS=0,0
```

Exhibit 2-1 Stimulus Message (5E13 Software Release)

2.6.1.3 Stack Trace Message

The stack trace is the second of the basic DCF assert messages that will print on the ROP. It contains a sequence of program addresses that are associated with the calling function.

The stack trace message has three key fields: the environment in which the assert was triggered, the event number, and the function addresses. The first address is that of the failing function and the second address is that of the function that called the failing function. These two addresses should match the function addresses given in the stack frame messages which print following the stack trace message.

Program addresses from the user, system, and/or recovery stacks may be printed in this output message. If no addresses are stored for a particular stack, then that stack will not print. Several combinations of output are possible, but the order of printing is always the same. The user stack prints first, followed by the system stack, followed by the recovery stack. Depending on the point of assertion, each stack may contain a list of up to nineteen hexadecimal addresses, with the failing function printed first.

- **User.** The user stack contains common processes from subsystems such as feature control, peripheral control, and administrative software.
- **System.** The system stack is used by the operating system (OS) during OS processes and interrupt invocation.
- **Recovery.** The recovery stack is used for assert handling and call processing when asserts continue to fire.

SM Stack Trace Message:

```
REPT SM=7 STACK TRACE ENV=OSDSM SRC=DCF EVENT=12
USER: 01B4C23C 01B4CA04 01B4C8C8 01B4C74C 0161A070
```

CMP Stack Trace Message:

```
REPT CMP=0-0 PRIM STACK TRACE ENV=CMP-AP SRC=DCF EVENT=49163
USER: 0B08C070 0B08E78A
```

AM Stack Trace Message:

```
REPT AM STACK TRACE ENV=FPUMP SRC=DCF EVENT=158
USER: 00001C08 00005038 00004F14 00004F06 000016E4 000010D4
      00000490 00001CFA 0000508A
```

Exhibit 2-2 Stack Trace Message (5E13 Software Release)

2.6.1.4 Stack Frame Message

Two stack frame messages follow the stack trace message. The first stack frame contains the stack of the failing

function. The second stack frame contains the stack of the function that called the failing function. Each stack frame consists of three sections: function address, parameters, and local data.

- **Function Address.** This section contains the address of the function whose stack frame is being printed. The function addresses in the two stack frame messages should match the first two addresses in the related stack trace.
- **Parameters.** This section consists of hexadecimal values that represent pointers to particular values or the values themselves. These values are passed from the calling function to the called function.
- **Local Data.** This section consists of hexadecimal values which represent local variables within that function. These values may range from a one-bit bitfield to extremely large structures.

```

REPT  SM=7    STACK FRAME ENV=OSDSM SRC=DCF EVENT=12
  FUNC ADDR:  H'1b4c23c
  PARAMETERS:  00010000  00000000  00000002  000C009C  006A0700
                014A0000  00000000  0000009C  3C4A0036  014E27E6
  LOCAL DATA:  4E014E01  00004AFF  62274E01  0A00A2E6  B3011000
                4E010103  1800C414  00076A00  0000FEFF  CD633CC2
                B4016827  4E013A27  4E010000  00000000  00000000
                00000000  00000000  00000000  00000C00  00000000
                0000EC26  4E013A27  4E010000  00000000  00000000
                0000DA6F  00023920  4E014427  4E013A27  4E01C03F
                00020000  3A274E01  3A274E01  00000000  0000CD63
                B8FB5501  3A274E01  4E010000  343EFC01  0B00CD63
                3A274E01  3A274E01  00000000  CEA35501  4E01D23F

```

```

REPT  SM=7    STACK FRAME ENV=OSDSM SRC=DCF EVENT=12
  FUNC ADDR:  H'1b4ca04
  PARAMETERS:  014E27A2  00010007  F10000F0  003C0000  00000000
                00000000  00000000  00000000  00000000  00000000
  LOCAL DATA:  36004A3C  9C000000  00000000  00004A01  00076A00
                9C000C00  02000000  00000000  00000100  04CAB401
                94274E01  4E014E01  00004AFF  62274E01  0A00A2E6
                B3011000  4E010103  1800C414  00076A00  0000FEFF
                CD633CC2  B4016827  4E013A27  4E010000  00000000
                00000000  00000000  00000000  00000000  00000C00
                00000000  0000EC26  4E013A27  4E010000  00000000
                00000000  0000DA6F  00023920  4E014427  4E013A27
                4E01C03F  00020000  3A274E01  3A274E01  00000000

```

Exhibit 2-3 Stack Frame Messages (5E13 Software Release)

2.6.1.5 Register Dump Message

The register dump message contains the contents of the processor registers associated with a related stack frame message.

```

REPT SM=7  REGISTER DUMP ENV=OSDSM SRC=DCF EVENT=12
  REGISTER DATA= 014E2744 014E2039 02006FDA 00000000

```

```

00000000  00000000  014E273A  014E26EC
00000000  0000000C  00000000  00000000
00000000  00000000  00000000  00000000

```

Exhibit 2-4 Register Dump Message (5E13 Software Release)

2.6.1.6 Report Data Message

The report data message is an optional hexadecimal data dump that is used to dump pertinent debugging information such as port, party, or other values that are not part of the normal stack frame output. This message is output only when the assert B or assert D macros are used. The report data message is also used to dump process control block (PCB) and process control block link area (PCBLA) data for a single process purge. In the latter case, the "SRC=" field is followed by "SPP" instead of "DCF." The report data message is sometimes referred to as a data dump, a hex dump, or a user-supplied data dump.

Two things to note about the report data message are:

- Up to three report data messages per DCF assert may print.
- The address specified in each report data message is the physical address where the data array or structure is stored.

```

REPT CMP=0-0 PRIM DATA=DCF-DATA,0 ENV=CMF-AP SRC=DCF EVENT=49163
ADDR=H'be0fd60
0000FE3E 0BCE0024 000249F0 000A062E 00000000 00140000 09B8006A 0120006A
01540000 09326800 00C10000 00000006 00010000 00000000 00000BD5 8A420000
00000000 078C3404 003C6003 80000000 3C600BE0 FDE00B0D 00823443 A0000004
00060000 000000AD 0BCAA770 00000006 00000000 00AD0BCA A7700BD5 B1CA0000
00000BCA A7700000 00000000 078C0000 3D60600F 80000BE0 FE3A0B0C 8EE60028
000A062E 3443A004 00060000 000000AD 0BCAA770 00000000 00000000 00000000
00000004 000011AB 00040000 00000000 00003443

```

Exhibit 2-5 Report Data Message (5E13 Software Release)

2.6.1.7 Process Message Data Block

There are two additional messages that may be printed on the ROP when the SM assert fires and when a terminal process is purged. These messages are:

PMDB-IN Contains a message received by a terminal process prior to that process being purged.

PMDB-OUT Contains a message being formatted, or sent, by a terminal process prior to that process being purged.

```

REPT SM=2 PMDB-IN SRC=DCF EVENT=6488
MSG:  TYPE=5187  LENGTH=65  PRIORITY=4
FROM:  PROC=14  PCRID=2  UNIQ=0
020A040A 04000000 7FFF7FFF 00000008 83FF13FF 00000000 00120500 41000000
00424000 00480400 0C000000 00000000 00070000 020A040A 01560002 001D0003
00F80004 00000000 000003E7 FE000000 00000001 00000000 00000000 00000000

```

```

0EE00000 52905508 030300A0 52905508 030300A0 00000000 00000000 20585935
4101BAEA 00000000 00000000 00000000 00000000 00000004 055C0000 02000000
00030004 324B05F7 00000000 000600C1 00000000 00000000 00000000 00000000
00000000 00033335 34310000 00000000 00000000

```

```

REPT SM=2 PMDB-OUT SRC=DCF EVENT=6426
MSG:  TYPE=5191  LENGTH=4  PRIORITY=0
FROM:  PROC=2  PCRID=2  UNIQ=0
00000000 00000000 00000000 00000000 00000000 00000000 00120500 41000000
00000000 00480000 00000000 00000000 00070000 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 40000000 00000000 000003E7 FE000000 10000000
00000000 00000000 00000000 0EE00000 00000000 00000000 00000000 00000000
00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 02000000 00000000 32000800

```

Exhibit 2-6 PMDB-IN and PMDB-OUT Messages (5E13 Software Release)

The first 8 bytes of the message contains header information that is formatted and printed in the second and third lines of the output message. The header contains information about the message being printed, including the message type, length, and priority. Information about the sending process, which includes the process, processor number, and uniqueness, also appears in the header.

The text portion of the dump immediately follows the header information and is a hexadecimal dump of the message. The length of the dump will vary with the length of the message.

2.6.1.8 Protocol Handler and Packet Interface Assert Messages

Protocol handler (PH) and packet interface (PI) asserts are unique in that they print a combined stimulus and stack trace message. No other messages are printed for PH1 and PH2 asserts. Report data messages are printed for all other PH types or PI asserts when an assert B macro is used. In the PH, packet switching data structures LLCB, ALCB, and/or LCCB that are implicated during a non-returning assert are dumped. PH and PI asserts are normally logged rather than printed on the ROP.

```

REPT DEF-CHK-FAIL=44161 MCTSI=40-1 PI EVENT=2
EVENT-REPORTED-FROM-MCTSI,PI=40-1
ACTIVE-PSUCOM=0
PROCESS=3 MESSAGE-NO=3 TIME=12:43 03/10/98
STIMULUS=ASSERT RCVY=PRINT
FAIL-ADDR=H'18015d06 PP-MODE=NORMAL ASSERT-COUNT=1
STACK-TRACE: 18015D06 1801613E 18016110 18015FC0 18015DB2 1801EF3E
IMAGE=PI2 IMAGE

```

Exhibit 2-7 Packet Interface Assert Message (5E13 Software Release)

```

A REPT DEF-CHK-FAIL=45085 PSUPH=2-0-0-1 EVENT=26
EVENT-REPORTED-FROM-PSUPH=2-0-0-1
ACTIVE-PSUCOM=1
PROCESS=65535 MESSAGE-NO=15 TIME=07:02 03/11/98

```

```

STIMULUS=ASSERT RCVY=SI
FAIL-ADDR=H'51ef2 PP-MODE=NORMAL ASSERT-COUNT=1
STACK-TRACE: 0002A50B 0001E532 0001BD47 00020DB4
               0001AA0B 000396C3 000388B3 0001A974
IMAGE=PH2 ACCESS IMAGE

```

Exhibit 2-8 Protocol Handler 2 Assert Message (5E13 Software Release)

```

A REPT DEF-CHK-FAIL=44400 PSUPH=40-0-1-10 CHNG=40-0-1-0 EVENT=102
  EVENT-REPORTED-FROM-PSUPH=40-0-1-10
  ACTIVE-PSUCOM=0
  PROCESS=65535 MESSAGE-NO=102 TIME=17:12 02/19/98
  STIMULUS=ASSERT RCVY=SI
  FAIL-ADDR=H'1c017ffa PP-MODE=OPFULL ASSERT-COUNT=1
  STACK-TRACE: 1C0179D4 1C019CA2 1C00E0DA 1C01FFE4
                1C01F5CE 1C02017A 1C00E3EC 1C00EC68
  IMAGE=PH3 CCS IMAGE

```

Exhibit 2-9 Protocol Handler 3 Assert Message (5E13 Software Release)

```

REPT DEF-CHK-FAIL=45460 PSUPH=40-0-0-0 EVENT=16
  EVENT-REPORTED-FROM-PSUPH=40-0-0-0
  ACTIVE-PSUCOM=0
  PROCESS=15 MESSAGE-NO=27 TIME=15:18 03/10/98
  STIMULUS=ASSERT RCVY=PRINT
  FAIL-ADDR=H'1c01908c PP-MODE=OPFULL ASSERT-COUNT=1
  STACK-TRACE: 1C01908C 1C018DD4 1C018C44 1C019608
  IMAGE=PH4 COMMON AP IMAGE WITH ISDN IOP

```

Exhibit 2-10 Protocol Handler 4 Assert Message (5E13 Software Release)

2.6.1.9 RTA DCF Messages

The RTA DCF asserts are used to monitor the state of call processing in the AM, SM, and CMP processors. RTA DCF asserts are triggered from within the RTA subsystem and can indicate office-dependent data (ODD) problems, internal logic errors, or other types of exceptions

RTA DCF Messages

The RTA DCF ROUTING output message has the following:

- File names which contain the file where the exception occurred and the decimal line number in the source file indicating the location where the assert was called are printed. This replaces the file numbers that were used in previous releases.
- The internal RTA event number has been replaced with a system integrity (SI) event number.
- If the HUNT field is NONE and/or the SIZE field is 0, the data in GRP and GRPTYPE is invalid.
- Four new fields have been added:
 - LPCR, LPID, and LUNQ contain the process number, processor number, and uniqueness value of the

message sender of the message specified in MSGTYPE.

- RTGSTS contains the decimal values of the internal routing states executed in this iteration of the RTA finite state machine.

```

REPT RTA DCF ROUTING ERROR EVENT=54392 LSM 8 FILE RTscreen.c LINE 500
  ERRTYPE RDSTATIC_DATA CAUSE SCRNING STATE SCRNING SEQ RT_GENREQ
  MSGTYPE RT_GEN REQTYPE 0 RETURN 65435 RIC 0 RETRY 1
  DN 7155150 NOC 7 SI 116 DI 103 PI 1 ROUTETYPE NULL RI 0
  ORIGPORT H'4a0 8 OPARTY 0 TERMPORT H'0 0 TPARTY 0
  GRP 0 GRPTYPE LINE SIZE 0 HUNT NONE LPCR 8 LPID 206 LUNQ 165
  RTGSTS    1    0

```

Exhibit 2-11 RTA DCF Routing Error Message (5E13 Software Release)

The AM has a logfile called CALLPLOG for use by call processing exception handling routines. On the *UNIX*® terminal, the pathname to this file is /log/log/CALLPLOG.

New messages have been created to hold additional debugging information when an error in RTA occurs. These messages are always sent to the CALLPLOG file. These messages will not replace the functionality or information provided by the current DCF or RTA DCF ROUTING messages. When these messages are sent to the CALLPLOG file, a REPT DATA DUMP REPORT will print on the ROP to indicate that data has been sent to the CALLPLOG file.

2.6.2 MANUAL ACTION ASSERT MESSAGE

The manual action output message reports problems (typically, ODD-related problems) that can be corrected manually at the office. No stack frame, stack trace, or report data messages are printed. The manual action output message is identified by a "REPT MANUAL ACTION ASSERT=" field followed by a number which is used to locate the assert range and mnemonic, and the associated assert description in the Asserts Manual.

This message identifies the file name which contains the function where the exception occurred and the decimal line number in the source file indicating the location where the assert was called. It also provides a brief description of the problem that caused the assert failure.

```

A  REPT MANUAL ACTION ASSERT=3D40973 SM=3D2  EVENT=3D87
    DBloclog.c AT LINE 1546
    Commit of trigger function for relation FC_LINE failed. Error=3D-1

```

Exhibit 2-12 Manual Action Assert Message (5E13 Software Release)

2.6.3 ASSERT SUMMARY MESSAGE

An assert summary message for each processor may be printed every fifteen minutes. For the previous fifteen minute interval, the message lists the number of times each assert fired, the number of times an attempt was made to print the assert output on the ROP, and the number of times the assert output was discarded. If no failures occur, no summary is printed.

```

A  REPT  SM=4    DEF-CHEK-FAIL  MESSAGE  SUMMARY

```

```

AUTOMATIC DCF MESSAGE BREVITY CONTROL=ON
DEF-CHK-FAIL CODE : NUMBER OF OCCURRENCES : DISCARDED

25892 : 3 : 1
24035 : 1 : 0

```

Exhibit 2-13 Assert Summary Message (5E11 Software Release)

2.6.4 ASSERT OUTPUT CONTROL

2.6.4.1 Brevity

To avoid ROP clutter from asserts that fire often, output brevity control is provided in the SM, AM, and CMP processors. With brevity allowed, an attempt is made to print the first two complete instances of each assert that fires multiple times within a fifteen minute interval. All further instances of the assert are logged in the daylog. The assert summary message for each processor can be consulted to see the number of times each assert fired, the number of times an attempt was made to print the assert output on the ROP, and the number of times the assert output was discarded. With brevity inhibited, an attempt is made to print all instances of every assert.

Note that only an attempt is made to print assert output messages, regardless of whether brevity is allowed or inhibited. Assert messages can be discarded in favor of messages that have a higher priority, which includes any alarm message. When this happens, the higher-priority messages are printed on the ROP, and the discarded assert messages are lost.

Brevity can be inhibited using the **INH:BREVC** input message, and can be allowed using the **ALW:BREVC** input message. Brevity is allowed by default.

2.6.4.2 Assert Message Classes

The message class (MSGCLS) is a parameter assigned to every output message. It allows messages that have similar function or purpose to be grouped together. Message class is used to control message handling such as output device routing, logging, print suppression, and/or brevity control.

2.6.4.3 Message Volume Reduction

Only the stimulus messages of DCF asserts have a message class of ASRT and will print on the ROP unless full output is specified. The remaining DCF messages have a message class of ASRTMON and are logged in the daylog.

Assert messages that are logged in the daylog can be retrieved based on the event number. The DCF messages can be retrieved using the **OP:LOG** input message.

Manual action assert messages retain a message class of ASRT and are printed on the ROP.

2.6.4.4 Printmode

In the PH and PI, PRINTMODE is used to control assert output. PH and PI assert data is logged when the PRINTMODE option is off, which is the default case. With PRINTMODE on, PH and PI assert data is printed on the ROP.

PRINTMODE is controlled on a per SM basis; that is, from one to all PHs on a given SM may have their PRINTMODE status changed by a single command. Each SM must have its PRINTMODE status changed by separate commands.

2.7 USING THE ASSERTS MANUAL

Two sections of the Asserts Manual are used in tying the error code in an assert output message to the description of the problem that caused the assert failure — the Numeric Indexes section and the Assert Descriptions section.

Numeric Indexes This section is divided into subsections, one for each 5ESS[®] switch software release. Each subsection contains a list of all the error codes that exist in that particular software release. Listed with each error code is the processor recovery message (PRM) code, the assert range, and the assert mnemonic for that error code. For more information on PRMs, see the *Processor Recovery Messages Manual* (235-600-601).

Assert Descriptions This section contains descriptions of the problems that caused a particular assert to fail. The asserts are divided into assert ranges, each range contains functionally related asserts. The assert ranges are listed alphabetically, and the asserts within each range are listed alphabetically.

To find the description for an error code found in an assert output message, look up the error code in the appropriate subsection of the Numeric Indexes (for example, if your office is running under the 5E13 software release, look for the error code in the 5E13 Numeric Index subsection.) When you find the error code, note the assert range and mnemonic for that error code. Find the range in the appropriate subsection of the Assert Descriptions section, then look up the mnemonic.

2.8 New *UNIX*[®] Command For Accessing Assert Descriptions

A new command to access assert descriptions has been added to the 5E13 Software Release. Entered at a *UNIX*[®] prompt, it will output the assert mnemonic and description. To find the mnemonic and assert description of an assert error code, enter the following at a *UNIX*[®] prompt:

```
assert <error code>
```

3. ASSERT RANGES

3.1 ASSERT RANGE DEFINITIONS

Asserts are divided into ranges. Each assert range consists of functionally related asserts. This table lists each assert range (typically one per subsystem) and its definition.

acd	Automatic Call Directory
ama	Automatic Message Accounting
amapp	Automatic Message Accounting Port Processor
as	Administrative Services
au	Audits
aupp	Audits in the Port Processor
ccs	Common Channel Signaling (CCS)
ccsph	Common Channel Signaling (CCS) Protocol Handler
cd	Call Distributor
cm	Communications Module
cmram	Communications Module RAM
co	Cutover
cra	Call Record Assembler
ct	CCS Transport
da	Dynamic Data Access
daim	Application Integrity Monitor
dama	Automatic Message Accounting
das	Directory Assistance System
db	Database Manager
dbkup	Generic Backup
dcmap	Call Mapping
dcmdrv	Communication Module Driver
dcmkp	Communications Kernel Process
dct	Direct Link Node (DLN) CCS Transport
dctsp	Control Time Slot Pump
ddbgrw	Database Grow

ddg	Diagnostics
dfp	Fast Pump
dg	Diagnostics Control
dhm	Human Machine Interface (without output for service personnel)
dhmo	Human Machine Interface (with output for service personnel)
diodrv	Input/Output Driver
dmsdrv	Message Switch Driver
doff	Off Normal Processor Inhibit and Output Message Logging
dpucr	Pump Control
dpump	Pump
drclg	Recent Change Logging
dsmkp	Switch Maintenance Kernel Process
dup	Program Update
dxtera	Tera-trunk
fc	Feature Control
fita	Feature Control for ISDN Transport and Access
fp	Feature POTS
hm	Human Machine Interface
nm	Network Management
oa	Operator Actions
opsp	Offline Pump System Process
os	Operating System for Distributed Switching
pc	Peripheral Control
pcmf	Communications Module Asserts for FPC
pcmm	Communications Module Asserts for MMP
pcs	Personal Communications Service
pmppp	PH to PH data pump
pr	Packet Routing
ps	Packet Switching

psi	Platform System Integrity
psph	Packet Switching Protocol Handler
pspi	Packet Switching MCTSI-PI
pspp	Packet Switching Port Processor
rc	Recent Change
rita	Request ISDN Transport and Access
rpalm	Remote Peripheral Alarm
rta	Routing and Terminal Allocation
si	System Integrity
sipp	System Integrity Port Processor
smim	Switch Maintenance for the Switching Module
smkp	Switch Maintenance Kernel Process
smpp	SMIM Port Processor
tm	Terminal Maintenance
trc	Call Trace
unk	Unknown
up	Program Update
upump	Unit Pump (SI)
ut	Generic Utilities

3.2 NUMERIC ASSERT ERROR CODE LIMITS

In each software release, a group of error codes is assigned to each assert range. this table lists each assert range and the highest and lowest assert code that is used in each software release.

RANGE	5E11		5E12		5E13		5E14	
aupp	45100	45121	45300	45321	45300	45321	----	----
dsmkp	0	313	0	313	0	314	0	314
dcmkp	500	502	500	502	500	502	500	502
dcmdrv	550	560	550	560	550	560	550	560
dhmo	600	670	600	670	600	670	600	670
daim	700	949	700	949	700	949	700	949
ddg	951	982	951	982	951	982	951	982
dctsp	1050	1119	1050	1119	1050	1119	1050	1119
dfp	1150	1223	1150	1223	1150	1223	1150	1223
dpucr	1250	1301	1250	1301	1250	1301	1250	1301
dmsdrv	1350	1825	1350	1825	1350	1825	1350	1825
dhm	2050	2212	2050	2212	2050	2212	2050	2212
dbkup	2350	2464	2350	2465	2350	2465	2350	2465
drclg	2650	2702	2650	2702	2650	2702	2650	2702
dup	2750	----	2750	----	2750	----	2750	----
doff	2800	2805	2800	2805	2800	2805	2800	2805
ddbgrw	2850	3017	2850	3017	2850	3017	2850	3017

dct	3275	3339	3275	3339	3275	3339	3275	3451
dxtera	3575	3580	3575	3580	3575	3580	3575	3580
dcmmap	3750	3795	3750	3795	3750	3795	3750	3795
das	3850	----	3850	----	3850	----	3850	----
dxslim	----	----	----	----	----	----	3870	3876
dama	3895	3900	3895	3900	3895	3900	3895	3900
pcmf	15000	15014	15000	15014	15000	15014	15000	15014
pcmm	15050	15078	15050	15078	15050	15078	15050	15078
as	20000	20222	20000	20240	20000	20240	20000	20240
au	20300	20574	20300	20574	20300	20575	20300	20586
cm	20900	21063	20900	21104	20900	21120	20600	20832
da	21100	21343	21150	21405	21150	21410	20850	21130
dg	21400	21422	21450	21472	21450	21472	21150	21172
fc	21500	22442	21550	22508	21550	22523	21250	22246
hm	22500	22575	22550	22625	22550	22625	22250	22325
nm	22650	22759	22700	22809	22700	22809	22400	22509
pc	22850	23288	22900	23358	22900	23358	22600	23080
rta	23450	24186	23500	24249	23500	24252	23200	23953
si	24550	24968	24600	25018	24600	25018	24300	24718
smim	25150	25631	25200	25737	25200	25738	24900	25439
smkp	25750	26994	25900	27144	25900	27144	25600	26844
tm	27150	27756	27300	27936	27300	27942	27000	27643
up	27850	27886	28000	28036	28000	28036	27700	27736
ut	27950	----	28100	----	28100	----	27800	----
ama	27975	28174	28125	28324	28125	28324	27825	28024
cra	28176	28265	28326	28415	28326	28415	28026	28124
opsp	28425	28450	28575	28600	28575	28600	28275	28300
ccs	28625	29375	28775	29525	28775	29525	28475	29225
cmram	29525	29539	29675	29689	29675	29689	29375	29389
acd	29755	29951	29905	30101	29905	30113	29575	29783
oa	30155	31082	30305	31258	30305	31260	29975	30933
ccsph	31155	31259	31305	31409	31305	31409	30975	31096
amapp	31355	31356	31505	31506	31505	31506	31175	31176
pr	31405	31442	31555	31592	31555	31592	31225	31264
fp	32105	32258	32255	32413	32255	32416	31925	32086
rc	32605	32610	32755	32760	32755	32760	32425	32430
fita	32705	32843	32855	33000	32855	33002	32525	32676
rita	33205	33281	33355	33432	33355	33432	33025	33102
ct	33605	33658	33755	33808	33755	33808	33425	33587
prpp	----	----	----	----	----	----	33625	----
trc	33755	33757	33905	33907	33905	33907	33675	33677
pcs	33765	33793	33915	33943	33955	33983	33725	33753
cd	33865	33907	34015	34057	34055	34097	33825	33867
op	----	----	----	----	----	----	34025	34053
rpalm	----	----	34215	34226	34355	34366	34125	34136
fcph	----	----	----	----	----	----	34175	34176
db	40600	41100	40600	41100	40600	41131	40000	40531
os	41450	41655	41450	41655	41450	41655	40850	41055
psi	42550	42575	42550	42580	42550	42580	41950	41980
ps	43750	43939	43750	43939	43750	43973	43150	43397
upump	44050	44091	44050	44092	44050	44097	43450	43497
sipp	44150	44216	44150	44219	44150	44221	43550	43621
psph	44350	44739	44350	44749	44350	44784	43750	44201
pspi	44750	44761	44950	44961	44950	44961	44350	44361
pspp	44850	44895	45050	45100	45050	45103	44450	44503
smpp	44950	45048	45150	45256	45150	45266	44550	44668
pmppp	45250	45275	45450	45476	45450	45476	44700	44726
unk	49999	----	49999	----	49999	----	49999	----
unkpp	----	----	----	----	49999	----	49999	----

4. MNEMONIC INDEX

4.1 INTRODUCTION

An assert mnemonic may be used in more than one range. For example, the mnemonic CMAPBFEB is found in the cm range as well as the dcm range. When this occurs, the mnemonic is listed with a line of information for each range.

Example:

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
CMAPBADOP	cm	20642	20942	20942	20942
CMAPBFEB	cm	20637	20937	20937	20937
	dcm	3793	3793	3793	-
CMAPBFLL	dcm	3764	3764	3764	3764

4.2 MNEMONIC INDEX: ABSMASRT - AMBADSCFAM

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
ABSMASRT	da	20917	21217	21217	21167
ACABNCQ	acd	29575	29905	29905	29755
ACABNCQOWN	acd	29576	29906	29906	29756
ACABNLNK	acd	29701	30031	30031	29881
ACACDBMG	acd	29597	29927	29927	29777
ACACKMSG	acd	29646	29976	29976	29826
ACACKPC	acd	29645	29975	29975	29825
ACACWMDT	acd	29692	30022	30022	29872
ACACWMSG	acd	29691	30021	30021	29871
ACACWSVTM	acd	29690	30020	30020	29870
ACADMHCQ	acd	29689	30019	30019	29869
ACASVDB	acd	29625	29955	29955	29805
ACASVPST	acd	29623	29953	29953	29803
ACASVSRVT	acd	29624	29954	29954	29804
ACASVSTQ	acd	29622	29952	29952	29802
ACBADQCDB	acd	29769	30099	30099	29949
ACBSDB	acd	29628	29958	29958	29808
ACBSPST	acd	29629	29959	29959	29809
ACBSSRV	acd	29627	29957	29957	29807
ACBSSTQ	acd	29626	29956	29956	29806
ACCDANTC	acd	29609	29939	29939	29789
ACCDANTK	acd	29617	29947	29947	29797
ACCDNOTC	acd	29608	29938	29938	29788
ACCDNOTK	acd	29616	29946	29946	29796
ACQDETDR	acd	29770	30100	30100	29950
ACCTDEF	acd	29713	30043	30043	29893
ACCTDETQ	acd	29726	30056	30056	29906
ACCWTPDB	acd	29668	29998	29998	29848
ACECTDDX	acd	29725	30055	30055	29905
ACECTDTG	acd	29724	30054	30054	29904
ACFDCBCT	acd	29598	29928	29928	29778
ACFDCCLTQ	acd	29577	29907	29907	29757
ACFDCQ	acd	29580	29910	29910	29760
ACFDCNEG	acd	29579	29909	29909	29759
ACFDCNOCT	acd	29578	29908	29908	29758
ACFDCNSST	acd	29738	30068	30068	29918
ACFDSSTPM	acd	29740	30070	30070	29920
ACFDSSTQ	acd	29581	29911	29911	29761
ACICLCLTQ	acd	29648	29978	29978	29828
ACICLCTFO	acd	29647	29977	29977	29827
ACICLDEF	acd	29649	29979	29979	29829
ACICQCLTQ	acd	29661	29991	29991	29841
ACICQCCQ	acd	29662	29992	29992	29842
ACICQGP1	acd	29753	30083	30083	29933
ACICQGP2	acd	29754	30084	30084	29934
ACICQGP3	acd	29755	30085	30085	29935
ACICQGP4	acd	29756	30086	30086	29936
ACICQLNK	acd	29663	29993	29993	29843

ACICTDLP	acd	29783	30113	-	-
ACICTDRL	acd	29733	30063	30063	29913
ACILGDEF	acd	29655	29985	29985	29835
ACILGLOG	acd	29654	29984	29984	29834
ACILGOLGN	acd	29653	29983	29983	29833
ACIRQPST	acd	29706	30036	30036	29886
ACIRQSTQ	acd	29705	30035	30035	29885
ACISVDEF	acd	29652	29982	29982	29832
ACISVIFLW	acd	29742	30072	30072	29922
ACISVISTP	acd	29727	30057	30057	29907
ACISVSTFO	acd	29650	29980	29980	29830
ACISVSVTM	acd	29651	29981	29981	29831
ACITGPCR	acd	29582	29912	29912	29762
ACITQDEF	acd	29658	29988	29988	29838
ACITQLNK	acd	29660	29990	29990	29840
ACITQPPRT	acd	29656	29986	29986	29836
ACITQSTQ	acd	29657	29987	29987	29837
ACITQSVTM	acd	29659	29989	29989	29839
ACLGCLTQ	acd	29702	30032	30032	29882
ACLGLNK	acd	29703	30033	30033	29883
ACLGLOG	acd	29631	29961	29961	29811
ACLGLOG	acd	29630	29960	29960	29810
ACLGTDDB	acd	29635	29965	29965	29815
ACLGLOG	acd	29636	29966	29966	29816
ACLGTPS	acd	29633	29963	29963	29813
ACLGTSRVT	acd	29634	29964	29964	29814
ACLGSTQ	acd	29632	29962	29962	29812
ACLMASRT	da	20923	21223	21223	21173
ACLOGDEF	acd	29717	30047	30047	29897
ACMTMDB	acd	29607	29937	29937	29787
ACMTMERR	acd	29606	29936	29936	29786
ACMTMNOF	acd	29605	29935	29935	29785
ACMTMNOW	acd	29604	29934	29934	29784
ACMTQASTQ	acd	29700	30030	30030	29880
ACMTQCLTQ	acd	29664	29994	29994	29844
ACMTQGCQ	acd	29670	30000	30000	29850
ACMTQGSTQ	acd	29669	29999	29999	29849
ACMTQLNK	acd	29699	30029	30029	29879
ACMTQRCQ	acd	29667	29997	29997	29847
ACMTQRSTQ	acd	29666	29996	29996	29846
ACMTQSVTM	acd	29665	29995	29995	29845
ACNQRYCT	acd	29749	30079	30079	29929
ACNQRYST	acd	29748	30078	30078	29928
ACNTRBGR	acd	29735	30065	30065	29915
ACNTRINV	acd	29736	30066	30066	29916
ACNTRSRVT	acd	29734	30064	30064	29914
ACOCNPCR	acd	29583	29913	29913	29763
ACORANCT	acd	29611	29941	29941	29791
ACORNISF	acd	29719	30049	30049	29899
ACORNIST	acd	29718	30048	30048	29898
ACORNOC	acd	29610	29940	29940	29790
ACORRER	acd	29729	30059	30059	29909
ACORUNKR	acd	29730	30060	30060	29910
ACOSNOIF	acd	29722	30052	30052	29902
ACOSNOIH	acd	29723	30053	30053	29903
ACOSTNOST	acd	29586	29916	29916	29766
ACOSTSRVT	acd	29585	29915	29915	29765
ACOSTSTQ	acd	29584	29914	29914	29764
ACPCWMSG	acd	29695	30025	30025	29875
ACPCWNOF	acd	29694	30024	30024	29874
ACPCWPDB	acd	29693	30023	30023	29873
ACPCWPRT	acd	29696	30026	30026	29876
ACPSANST	acd	29613	29943	29943	29793
ACPSAOCR	acd	29599	29929	29929	29779
ACPSASTQ	acd	29600	29930	29930	29780
ACPSNOST	acd	29612	29942	29942	29792
ACPTLPDB	acd	29709	30039	30039	29889
ACPTLPRT	acd	29710	30040	30040	29890
ACPTLSTM	acd	29711	30041	30041	29891
ACPTLTDB	acd	29712	30042	30042	29892
ACPTMNOP	acd	29621	29951	29951	29801
ACPTMNOF	acd	29620	29950	29950	29800

ACPTMNPR	acd	29615	29945	29945	29795
ACPTMNWR	acd	29614	29944	29944	29794
ACPTSPDB	acd	29707	30037	30037	29887
ACPTSPRT	acd	29708	30038	30038	29888
ACQCLCLTQ	acd	29638	29968	29968	29818
ACQCLCQ	acd	29637	29967	29967	29817
ACQCLDB	acd	29639	29969	29969	29819
ACQCLINK	acd	29704	30034	30034	29884
ACQRFNCT	acd	29764	30094	30094	29944
ACQRFNST	acd	29739	30069	30069	29919
ACQRYCTN	acd	29750	30080	30080	29930
ACQRYNCT	acd	29746	30076	30076	29926
ACQRYNST	acd	29745	30075	30075	29925
ACQRYWQT	acd	29751	30081	30081	29931
ACQXCQDB	acd	29747	30077	30077	29927
ACQXFRCQ	acd	29752	30082	30082	29932
ACQXNOCT	acd	29744	30074	30074	29924
ACRCTDER	acd	29732	30062	30062	29912
ACRCTDIF	acd	29731	30061	30061	29911
ACREQBFR	acd	29603	29933	29933	29783
ACREQBIR	acd	29602	29932	29932	29782
ACREQCLTQ	acd	29587	29917	29917	29767
ACREQCQ	acd	29741	30071	30071	29921
ACREQIFH	acd	29721	30051	30051	29901
ACREQIST	acd	29720	30050	30050	29900
ACREQNEG	acd	29590	29920	29920	29770
ACREQNOCT	acd	29601	29931	29931	29781
ACREQNOST	acd	29591	29921	29921	29771
ACREQNST	acd	29768	30098	30098	29948
ACREQSRVT	acd	29589	29919	29919	29769
ACRFANST	acd	29619	29949	29949	29799
ACRFNOST	acd	29618	29948	29948	29798
ACRIVLGN	acd	29771	30101	30101	29951
ACRMCCLTQ	acd	29641	29971	29971	29821
ACRMCCQ	acd	29640	29970	29970	29820
ACRMADB	acd	29642	29972	29972	29822
ACRMCLLF	acd	29588	29918	29918	29768
ACRMCLNK	acd	29697	30027	30027	29877
ACRMCMMSG	acd	29698	30028	30028	29878
ACSCTCLTQ	acd	29644	29974	29974	29824
ACSCTDB	acd	29643	29973	29973	29823
ACSFCNLOG	acd	29593	29923	29923	29773
ACSFCOLOG	acd	29592	29922	29922	29772
ACTIFIUTM	acd	29737	30067	30067	29917
ACTISTSVT	acd	29728	30058	30058	29908
ACTLGDEF	acd	29682	30012	30012	29862
ACTLGDLGN	acd	29675	30005	30005	29855
ACTLGERRN	acd	29679	30009	30009	29859
ACTLGILGN	acd	29674	30004	30004	29854
ACTLGLGN	acd	29676	30006	30006	29856
ACTLGRSTQ	acd	29680	30010	30010	29860
ACTLGSTQ	acd	29677	30007	30007	29857
ACTLGSVTM	acd	29678	30008	30008	29858
ACTLGTSTQ	acd	29681	30011	30011	29861
ACTPECL1	acd	29759	30089	30089	29939
ACTPECL2	acd	29760	30090	30090	29940
ACTPECL3	acd	29761	30091	30091	29941
ACTPECLTQ	acd	29672	30002	30002	29852
ACTPECQ	acd	29762	30092	30092	29942
ACTPEGP1	acd	29757	30087	30087	29937
ACTPEGP2	acd	29758	30088	30088	29938
ACTPEICLQ	acd	29671	30001	30001	29851
ACTPELNK	acd	29763	30093	30093	29943
ACTPTDSTQ	acd	29688	30018	30018	29868
ACTPTISTQ	acd	29683	30013	30013	29863
ACTPTLNK	acd	29684	30014	30014	29864
ACTPTSTQ	acd	29686	30016	30016	29866
ACTPTSVM	acd	29685	30015	30015	29865
ACTPTUNLK	acd	29687	30017	30017	29867
ACTSTSVTM	acd	29673	30003	30003	29853
ACTSTUSTM	acd	29743	30073	30073	29923
ACUPDAT	acd	29596	29926	29926	29776

ACUPDRS	acd	29595	29925	29925	29775
ACUPDSRV	acd	29594	29924	29924	29774
AHSMASRT	da	20978	21278	21278	21228
AJLMASRT	da	21107	21407	-	-
AJSMASRT	da	21106	21406	-	-
AKSMASRT	da	21066	21366	21366	21316
ALSMASRT	da	20977	21277	21277	21227
AMAICRFULL	ama	27898	28198	28198	28048
AMAINVTIMER	ama	27899	28199	28199	28049
AMASETIMER	ama	27900	28200	28200	28050
AMBADDTRIG	ama	27844	28144	28144	27994
AMBADMSG	ama	27825	28125	28125	27975
AMBADRTBM	ama	27885	28185	28185	-
AMBADSCFAM	ama	27931	28231	28231	28081

4.3 MNEMONIC INDEX: AMBCGDA - ASUPDSTID

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
AMBCGDA	ama	27993	28293	28293	28143
AMBCGFDL	ama	27985	28285	28285	28135
AMBCGFIN	ama	27991	28291	28291	28141
AMBCGFRD	ama	27981	28281	28281	28131
AMBCGFUP	ama	27987	28287	28287	28137
AMBCGSTFST	ama	27983	28283	28283	28133
AMBCGSTNXT	ama	27989	28289	28289	28139
AMBCLDA	ama	27992	28292	28292	28142
AMBCLFDL	ama	27984	28284	28284	28134
AMBCLFIN	ama	27990	28290	28290	28140
AMBCLFRD	ama	27980	28280	28280	28130
AMBCLFUP	ama	27986	28286	28286	28136
AMBCLSTFST	ama	27982	28282	28282	28132
AMBCLSTNXT	ama	27988	28288	28288	28138
AMBCSTFAIL	ama	27843	28143	28143	27993
AMBCSTINUSE	ama	27842	28142	28142	27992
AMCNAMDA	ama	28007	28307	28307	28157
AMCNAMDB	ama	28011	28311	28311	28161
AMCNAMERR	ama	28010	28310	28310	28160
AMCNAMFDL	ama	28002	28302	28302	28152
AMCNAMFIN	ama	28000	28300	28300	28150
AMCNAMFRD	ama	28008	28308	28308	28158
AMCNAMFUP	ama	27999	28299	28299	28149
AMCNAMINT	ama	28009	28309	28309	28159
AMCNAMUFUP	ama	28001	28301	28301	28151
AMCNDDA	ama	27928	28228	28228	28078
AMCNDFDL	ama	27922	28222	28222	28072
AMCNDFIN	ama	27921	28221	28221	28071
AMCNDFRD	ama	27929	28229	28229	28079
AMCNDFUP	ama	27902	28202	28202	28052
AMCNDSTFST	ama	27923	28223	28223	28073
AMCNDSTNXT	ama	27924	28224	28224	28074
AMCNMSTFST	ama	28003	28303	28303	28153
AMCNMSTNXT	ama	28004	28304	28304	28154
AMCPIVSEMSG	ama	27833	28133	28133	27983
AMCPNBNCNT	ama	27938	28238	28238	28088
AMCPRECSLOST	ama	27834	28134	28134	27984
AMCPSQSTATE	ama	27837	28137	28137	27987
AMCPTPSP	ama	27838	28138	28138	27988
AMCPTRSTATE	ama	27835	28135	28135	27985
AMCPWRSTATE	ama	27836	28136	28136	27986
AMCWPTRD	ama	28024	28324	28324	28174
AMDNWATSFALL	ama	27934	28234	28234	28084
AMEDSLFRD	ama	27961	28261	28261	28111
AMEDSLNXT	ama	27956	28256	28256	28106
AMEDSLSTFST	ama	27955	28255	28255	28105
AMFCAXIT	ama	27853	28153	28153	28003
AMFCCNMFRD	ama	28005	28305	28305	28155
AMFCLNFRD	ama	27925	28225	28225	28075
AMFRDMHTG	ama	28015	28315	28315	28165
AMFRDTUPFAIL	ama	27917	28217	28217	28067
AMICIXNXT	ama	27920	28220	28220	28070
AMICIXSTFST	ama	27919	28219	28219	28069

AMIMBUFFPTR	ama	27830	28130	28130	27980
AMIMENTRY	ama	27831	28131	28131	27981
AMIMINVSCM	ama	27832	28132	28132	27982
AMINPCNT	ama	27953	28253	28253	28103
AMINSPDA	ama	27951	28251	28251	28101
AMINSPFDL	ama	27952	28252	28252	28102
AMINSPFIN	ama	27950	28250	28250	28100
AMINVDATA	ama	27884	28184	28184	-
AMINVCA	ama	27852	28152	28152	28002
AMINVLCC	ama	27875	28175	28175	28025
AMINVLCOMB	ama	27864	28164	28164	28014
AMINVMMSG	ama	27829	28129	28129	27979
AMINVRCL	ama	27876	28176	28176	28026
AMINVRSN	ama	27828	28128	28128	27978
AMISTMNXT	ama	27949	28249	28249	28099
AMISTMSTFST	ama	27948	28248	28248	28098
AMKBPDPTRS	ama	27866	28166	28166	28016
AMKINVCODE	amapp	31175	31505	31505	31355
AMKINVDNIC	ama	27918	28218	28218	28068
AMKINVMMSG	ama	27865	28165	28165	28015
AMKINVRATE	ama	27873	28173	28173	28023
AMKINVRSN	ama	27867	28167	28167	28017
AMKINVSGSZ	ama	27874	28174	28174	28024
AMKINVTMR	ama	27870	28170	28170	28020
AMKMDRMERR	ama	27871	28171	28171	28021
AMKNOBDN	ama	28012	28312	28312	28162
AMKNOLDVC	ama	27869	28169	28169	28019
AMKNOPVC	ama	27868	28168	28168	28018
AMKNORCD	amapp	31176	31506	31506	31356
AMKSNDERR	ama	27872	28172	28172	28022
AMKUMTYP	ama	28013	28313	28313	28163
AMLASSEV	ama	27927	28227	28227	28077
AMLASSFT	ama	27943	28243	28243	28093
AMLPTFRD	ama	27851	28151	28151	28001
AMLTMCNFRD	ama	28006	28306	28306	28156
AMLTMFST	ama	27996	28296	28296	28146
AMLTMNXT	ama	27994	28294	28294	28144
AMLTPTFRD	ama	27926	28226	28226	28076
AMMDRAMAPID	ama	27850	28150	28150	28000
AMMDRGPBAD	ama	27846	28146	28146	27996
AMMDRQADD	ama	27848	28148	28148	27998
AMMDRQDIST	ama	27849	28149	28149	27999
AMMDRSMAPID	ama	27847	28147	28147	27997
AMMHTGFST	ama	27997	28297	28297	28147
AMMHTGNXT	ama	27995	28295	28295	28145
AMNSBADCODE	ama	27877	28177	28177	28027
AMODBERR	ama	27942	28242	28242	28092
AMOFFICECODE	ama	27941	28241	28241	28091
AMOSPDAGT	ama	28021	28321	28321	28171
AMPCNAM	ama	27958	28258	28258	28108
AMPCNMCNT	ama	27960	28260	28260	28110
AMPCNMFDL	ama	27959	28259	28259	28109
AMPCNMFIN	ama	27957	28257	28257	28107
AMPMDRAPID	ama	27979	28279	28279	28129
AMPSBILLDN	ama	27940	28240	28240	28090
AMPSX25LN	ama	27939	28239	28239	28089
AMRDSAMEMPTR	ama	27840	28140	28140	27990
AMREASERR	ama	27826	28126	28126	27976
AMSCALTM	ama	27945	28245	28245	28095
AMSCFLTM	ama	27947	28247	28247	28097
AMSCRLTM	ama	27946	28246	28246	28096
AMSDALTM	ama	27944	28244	28244	28094
AMSEDESTBAD	ama	27841	28141	28141	27991
AMTIMETOL	ama	27827	28127	28127	27977
AMTRTOFAIL	ama	27845	28145	28145	27995
AMVMFCMKP	dama	3896	3896	3896	3896
AMVMFCNPRT	dama	3900	3900	3900	3900
AMVMFENMSG	dama	3895	3895	3895	3895
AMVMFRCMKP	dama	3899	3899	3899	3899
AMVMFSCMKP	dama	3898	3898	3898	3898
AMVMRNG	dama	27880	28180	28180	28030
AMVMUNKMGTYP	dama	3897	3897	3897	3897

AMWTSAMEMPTR	ama	27839	28139	28139	27989
ANSMASRT	da	21030	21330	21330	21280
APDBSMASRT	da	20893	21193	21193	21143
APID_DYNAMIC	as	20089	20089	20089	20089
APID_INVALID	as	20090	20090	20090	20090
APID_STATIC	as	20071	20071	20071	20071
APLMASRT	da	20936	21236	21236	21186
APSMASRT	da	20886	21186	21186	21136
AQLMASRT	da	21101	21401	21401	-
AQSMASRT	da	21102	21402	21402	-
ARCRTCF1	rta	23253	23553	23553	23503
ARCRTCF2	rta	23257	23557	23557	23507
ARLMASRT	da	20864	21164	21164	21114
ARSMASRT	da	20887	21187	21187	21137
ASACDNOIN	as	20105	20105	20105	20105
AS_AUTREC_BAD	as	20092	20092	20092	20092
AS_BAD_DB	as	20034	20034	20034	20034
ASBAD_DSTID	as	20107	20107	20107	20107
ASBADGACSND	as	20153	20153	20153	20153
ASBAD_ISTPARM	as	20106	20106	20106	20106
AS_BADMSGTYPE	as	20038	20038	20038	20038
AS_BADOAPDA	as	20036	20036	20036	20036
ASBADOSINT	as	20101	20101	20101	20101
ASBAD_PN	as	20037	20037	20037	20037
ASBADPSM	as	20052	20052	20052	20052
ASBADTRKG	as	20078	20078	20078	20078
ASBDDIG	as	20055	20055	20055	20055
ASBDINDX	as	20053	20053	20053	20053
ASBDMMSG	as	20054	20054	20054	20054
ASBEDLIO	as	20138	20138	20138	20138
ASBGN_TRAN	as	20121	20121	20121	20121
ASCCLCTERR	as	20201	20201	20201	20201
AS_CMAPSEND_BAD	as	20072	20072	20072	20072
AS_DCHAN_BAD	as	20098	20098	20098	20098
ASDDRDERR	as	20205	20205	20205	20205
ASDRAINTM	as	20126	20126	20126	20126
AS_DSTID_BAD	as	20095	20095	20095	20095
AS_EISDSL_BAD	as	20086	20086	20086	20086
ASEND_TRAN	as	20123	20123	20123	20123
ASERICCVDB	as	20194	20194	20194	20194
ASERMEASDES	as	20214	20214	20214	20214
ASFAIL_ISTPARM	as	20109	20109	20109	20109
ASFATALBUF	as	20047	20047	20047	20047
ASFBTEDB	as	20073	20073	20073	20073
ASGROUPPORT	as	20103	20103	20103	20103
AS_HSSPID_BAD	as	20074	20074	20074	20074
AS_IFLOW_BAD	as	20091	20091	20091	20091
ASINIT_REQ	as	20039	20039	20039	20039
AS_INTERFLW_BAD	as	20094	20094	20094	20094
ASINV_PCB	as	20040	20040	20040	20040
ASINV_PROGID	as	20041	20041	20041	20041
ASINV_SCB	as	20042	20042	20042	20042
AS_ISTPARM_BAD	as	20093	20093	20093	20093
ASLMASRT	da	20920	21220	21220	21170
ASMSALWMSG	as	20021	20021	20021	20021
ASMSALWSEC	as	20032	20032	20032	20032
ASMSBCBID	as	20028	20028	20028	20028
ASMSBCMSG	as	20029	20029	20029	20029
ASMSBCRPT	as	20030	20030	20030	20030
ASMSCLCRPT	as	20025	20025	20025	20025
ASMSCLCSEC	as	20024	20024	20024	20024
ASMSCPCCRPT	as	20031	20031	20031	20031
ASMSHMDEVIC	as	20020	20020	20020	20020
ASMSHMOUT	as	20027	20027	20027	20027
ASMSHMQERR	as	20026	20026	20026	20026
ASMSHMVERB	as	20023	20023	20023	20023
ASMSIBRC	as	20050	20050	20050	20050
ASMSINHMSG	as	20022	20022	20022	20022
ASMSINHSEC	as	20033	20033	20033	20033
ASMSPRERR	as	20019	20019	20019	20019
ASNODPRT	as	20195	20195	20195	20195
AS_NOINCID	as	20102	20102	20102	20102

ASNOPATH	as	20051	20051	20051	20051
ASNOPID	as	20043	20043	20043	20043
ASNO_UID	as	20198	20198	20198	20198
AS_OAP_SEC	as	20182	20182	20182	20182
ASOPN_REL	as	20122	20122	20122	20122
AS_OS_BAD	as	20035	20035	20035	20035
ASOSCLIMIT	as	20046	20046	20046	20046
ASOSPSDIST	as	20044	20044	20044	20044
ASOSPSID	as	20125	20125	20125	20125
ASPSMLIMIT	as	20049	20049	20049	20049
AS_RANGE_BAD	as	20097	20097	20097	20097
ASRD_IFOSPS	as	20127	20127	20127	20127
ASRD_RROSPS	as	20128	20128	20128	20128
AS_REASON_BAD	as	20066	20066	20066	20066
AS_RFSH_BAD	as	20070	20070	20070	20070
ASSMASRT	da	20922	21222	21222	21172
ASSND_OPR	as	20045	20045	20045	20045
ASTMOAP	as	20048	20048	20048	20048
ASTM_ZONE	as	20124	20124	20124	20124
ASUPDAUT	as	20096	20096	20096	20096
ASUPDIFLOW	as	20120	20120	20120	20120
ASUPD_IFOSPS	as	20129	20129	20129	20129
ASUPDPARM	as	20108	20108	20108	20108
ASUPD_RROSPS	as	20130	20130	20130	20130
ASUPDSTID	as	20119	20119	20119	20119

4.4 MNEMONIC INDEX: AU1MRKPAGRC - AXSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
AU1MRKPAGRC	au	20453	20453	20453	20453
AU2MRKPAGRC	au	20454	20454	20454	20454
AU3MRKPAGRC	au	20469	20469	20469	20469
AU4MRKPAGRC	au	-	20470	20470	20470
AU10AUCLWTALL	au	20440	20440	20440	20440
AU10DBFRDTUP	au	-	20355	20355	20355
AU10DDCASE	au	-	20485	20485	20485
AU10DDREAD	au	20428	20428	20428	20428
AU10DDRSMWRITE	au	20482	20482	20482	20482
AU10DDWRITE	au	20434	20434	20434	20434
AU10SMDDREAD	au	20380	20380	20380	20380
AU10SMDWRITE	au	20360	20360	20360	20360
AU10SMECDRD	au	-	20472	20472	20472
AU20AUCLWTALL	au	-	20441	20441	20441
AU20DBFRDTUP	au	-	20356	20356	20356
AU20DDREAD	au	20429	20429	20429	20429
AU20DDRSMWRITE	au	20483	20483	20483	20483
AU20DDWRITE	au	20435	20435	20435	20435
AU20SMDDREAD	au	20381	20381	20381	20381
AU20SMDWRITE	au	20361	20361	20361	20361
AU20SMECDRD	au	-	20473	20473	20473
AU30AUCLWTALL	au	-	20442	20442	20442
AU30DBFRDTUP	au	-	20357	20357	20357
AU30DDRSMWRITE	au	20484	20484	20484	20484
AU30DDWRITE	au	-	20436	20436	20436
AU30SMDDREAD	au	20382	20382	20382	20382
AU30SMDWRITE	au	20362	20362	20362	20362
AU30SMECDRD	au	-	20474	20474	20474
AU40AUCLWTALL	au	-	20443	20443	20443
AU40DBFRDTUP	au	-	20358	20358	20358
AU40DDREAD	au	-	20431	20431	20431
AU40DDRSMWRITE	au	20497	20497	20497	20497
AU40DDWRITE	au	-	20437	20437	20437
AU40SMDDREAD	au	20383	20383	20383	20383
AU40SMDWRITE	au	20363	20363	20363	20363
AU40SMECDRD	au	-	20475	20475	20475
AU50DBFRDTUP	au	-	20359	20359	20359
AU50DDREAD	au	-	20432	20432	20432
AU50DDRSMWRITE	au	20498	20498	20498	20498
AU50DDWRITE	au	-	20438	20438	20438
AU50SMDDREAD	au	20384	20384	20384	20384
AU50SMDWRITE	au	20364	20364	20364	20364

AU50SMECDRD	au	-	20476	20476	20476
AU60DDREAD	au	-	20433	20433	20433
AU60DDRSMWWRITE	au	20499	20499	20499	20499
AU60DDWRITE	au	-	20439	20439	20439
AU60SMDDREAD	au	20385	20385	20385	20385
AU60SMDWRITE	au	20365	20365	20365	20365
AU60SMECDRD	au	-	20477	20477	20477
AU70DDREAD	au	20572	20572	20572	20572
AU70SMDREAD	au	20386	20386	20386	20386
AU70SMDWRITE	au	-	20366	20366	20366
AU80SMDDREAD	au	20387	20387	20387	20387
AU80SMDWRITE	au	20367	20367	20367	20367
AU90SMDDREAD	au	20388	20388	20388	20388
AU90SMDWRITE	au	20368	20368	20368	20368
AU95SMDWRITE	au	-	20369	20369	20369
AU100SMDDREAD	au	20389	20389	20389	20389
AU105SMDWRITE	au	20370	20370	20370	20370
AU110SMDDREAD	au	20390	20390	20390	20390
AU115SMDWRITE	au	20371	20371	20371	20371
AU120SMDDREAD	au	20391	20391	20391	20391
AU130SMDWRITE	au	-	20372	20372	20372
AU140SMDWRITE	au	-	20373	20373	20373
AU150SMDWRITE	au	-	20374	20374	20374
AU160SMDWRITE	au	-	20375	20375	20375
AU170SMDWRITE	au	-	20376	20376	20376
AU180SMDWRITE	au	-	20377	20377	20377
AU190SMDWRITE	au	-	20378	20378	20378
AU200SMDWRITE	au	-	20379	20379	20379
AU250SMDDREAD	au	-	20404	20404	20404
AU260SMDDREAD	au	-	20405	20405	20405
AU270SMDDREAD	au	-	20406	20406	20406
AU280SMDDREAD	au	-	20407	20407	20407
AU290SMDDREAD	au	-	20408	20408	20408
AU300SMDDREAD	au	-	20409	20409	20409
AU310SMDDREAD	au	-	20410	20410	20410
AU320SMDDREAD	au	-	20411	20411	20411
AUACCOND	au	20332	20332	20332	20332
AUACCTYPE	au	20326	20326	20326	20326
AUACID	au	20331	20331	20331	20331
AUACINIT	au	-	20330	20330	20330
AUACSEG	au	20333	20333	20333	20333
AUAMAPREAD	au	-	20344	20344	20344
AUARSPARE1	au	20302	-	-	-
AUARSPARE2	au	20303	-	-	-
AUARSPARE3	au	20304	-	-	-
AUAUDCUR	au	20348	20348	20348	20348
AUAUDMAN	au	20327	20327	20327	20327
AUAUDMOD	au	20328	20328	20328	20328
AUAUDPID	au	20336	20336	20336	20336
AUBADDEFAULT	au	20575	20575	-	-
AUBADMANNER	aupp	-	45300	45300	45100
AUBADMODE	aupp	-	45302	45302	45102
AUBADPARAM	au	20558	20558	20558	20558
	aupp	45301	45301	45101	-
AUBADPCR	au	20430	20430	20430	20430
AUBADPROCNO	au	20554	20554	20554	20554
AUBADRETCODE	au	20576	-	-	-
AUBADTBL	au	20339	20339	20339	20339
AUBADUSE	aupp	-	45318	45318	45118
AUBDASEC	au	20341	20341	20341	20341
AUBDDDINIT	au	20342	20342	20342	20342
AUBDGLOBAL	au	20553	20553	20553	20553
AUBDINSTCHK	au	-	20343	20343	20343
AUBDMS	au	20422	20422	20422	20422
AUBDSITYP	au	20340	20340	20340	20340
AUBDTTY	aupp	-	45303	45303	45103
AUBNKS96	au	-	20551	20551	20551
AUCDBCCB	au	-	20394	20394	20394
AUCOLLECTRC	au	20452	20452	20452	20452
AU_CONDITION	au	20354	20354	20354	20354
AU_CONTROL	au	20350	20350	20350	20350
AUCQDBSCHD	au	20345	20345	20345	20345

AUDAGTGC	au	-	20418	20418	20418
AUDALGLN	au	-	20413	20413	20413
AUDALGTK	au	-	20415	20415	20415
AUDALNST	au	-	20412	20412	20412
AUDATGC	au	20419	20419	20419	20419
AUDATKST	au	-	20414	20414	20414
AUDATOWN	au	-	20417	20417	20417
AUDATQUE	au	-	20416	20416	20416
AUDBERR	au	20486	20486	20486	20486
AUDDALW	au	20449	20449	20449	20449
AUDD_CLIDAT	au	20496	20496	20496	20496
AUDDINH	au	20448	20448	20448	20448
AUDDREAD	au	-	20545	20545	20545
AUDDWRITE	au	-	20559	20559	20559
AU_DRTRAV	au	-	20447	20447	20447
AUEAPLOST	au	-	20424	20424	20424
AUER00	au	20300	20300	20300	20300
AUER01	au	-	20301	20301	20301
AUER02	au	-	20302	20302	20302
AUER03	au	-	20303	20303	20303
AUER04	au	-	20304	20304	20304
AUER05	au	-	20305	20305	20305
AUERALARMS	au	20338	20338	20338	20338
	au	45321	45321	45121	-
AUERAUID	au	-	20309	20309	20309
AUERBDTI	au	-	20427	20427	20427
AUERCKTTYP	au	-	20313	20313	20313
AUERDBUP	au	20310	20310	20310	20310
AUERDICT	au	-	20444	20444	20444
AUERERC	au	-	20324	20324	20324
AUERGREL	au	-	20321	20321	20321
AUERINSEM	au	20329	20329	20329	20329
AUERINTRNL	au	20323	20323	20323	20323
AUERISOL	au	20481	20481	20481	20481
AUERLCGT	au	-	20426	20426	20426
AUEROLDT	au	-	20312	20312	20312
AUERRPCR	au	-	20307	20307	20307
AUERSEM	au	-	20306	20306	20306
AUERSEP	au	20494	20494	20494	20494
AUERSMINIT	au	20493	20493	20493	20493
AUERSMISOL	au	20480	20480	20480	20480
AUERSMSEP	au	20492	20492	20492	20492
AUERSPP	au	-	20334	20334	20334
AUERSTOP	au	20346	20346	20346	20346
AUERTIME	au	20311	20311	20311	20311
AUERTRAN	au	20337	20337	20337	20337
	au	45320	45320	45120	-
AUESINIT	au	20495	20495	20495	20495
AUFCHBM	au	-	20317	20317	20317
AUFCHESC	au	20316	20316	20316	20316
AUFCHNFC	au	20319	20319	20319	20319
AUFCHNIT	au	20318	20318	20318	20318
AUFCHNRT	au	20320	20320	20320	20320
AU_INDFWRK	au	20546	20546	20546	20546
AUINHSTATE	au	20425	20425	20425	20425
AUINSRTFAIL	au	20577	-	-	-
AU_IPCNTL	au	20353	20353	20353	20353
AULGMEMKEY	au	20517	20517	20517	20517
AULSTSTRT	au	20421	20421	20421	20421
AUMEMKEY	au	20516	20516	20516	20516
AUMMAUDRC	au	20450	20450	20450	20450
AUMODATT	au	-	20392	20392	20392
AUMRKLOGRC	au	-	20451	20451	20451
AUMSG_FAIL	au	20585	-	-	-
AUMSGINVALID	au	20515	20515	20515	20515
AUMSLG	au	20423	20423	20423	20423
AUN_ELEM	au	20446	20446	20446	20446
AUNEWMAP	au	20457	20457	20457	20457
AUNOCCACT	au	20566	20566	20566	20566
AUNOCDACT	au	20565	20565	20565	20565
AUNOFUNC	au	20445	20445	20445	20445
AUNOSFIAC	au	20567	20567	20567	20567

AU_PARTITION	au	20349	20349	20349	20349
AU_PCDUNIT	au	-	20397	20397	20397
AUPSACID	aupp	-	45304	45304	45104
AUPSACSEG	aupp	-	45313	45313	45113
AUPSADRET	aupp	-	45315	45315	45115
AUPSBDMS	aupp	-	45311	45311	45111
AUPSCOND	aupp	-	45305	45305	45105
AUPSERREA	aupp	-	45308	45308	45108
AUPSFUNC	aupp	-	45309	45309	45109
AUPSITYP	aupp	-	45310	45310	45110
AUPSLRBDPOOL	au	20301	-	-	-
	aupp	45316	45316	45116	-
AUPSMOD	aupp	-	45314	45314	45114
AUPSMSLG	aupp	-	45306	45306	45106
AUPSTOPER	aupp	-	45312	45312	45112
AUPSTYLG	aupp	-	45307	45307	45107
AUQ_TEST	au	20325	20325	20325	20325
AURASNIT	au	-	20314	20314	20314
AURASRET	au	-	20315	20315	20315
AUREASERR	au	20400	20400	20400	20400
AUREFLECT	au	20347	20347	20347	20347
AUREQDALB	au	20514	20514	20514	20514
AUREQDPB	au	20513	20513	20513	20513
AURMTYPE	au	20308	20308	20308	20308
AURSTERR	au	20401	20401	20401	20401
AURAST21	rta	23221	23521	23521	23471
AU_SENDM	au	20351	20351	20351	20351
AUSFGAMST	au	-	20488	20488	20488
AUSFGSMST	au	-	20489	20489	20489
AUSMASRT	da	20860	21160	21160	21110
AUSMRTEC	au	-	20547	20547	20547
AUSTQDBSCHED	au	20403	20403	20403	20403
AUSWITCH	au	20398	20398	20398	20398
AUTMERR	au	-	20490	20490	20490
AUTSMMSG	au	-	20393	20393	20393
AUUNPROCESS	au	20402	20402	20402	20402
AUUTDCKTDATA	au	-	20396	20396	20396
AUUTGCKTDATA	au	-	20395	20395	20395
AU_WGETTYPE	au	20352	20352	20352	20352
AUWHILE	au	-	20399	20399	20399
AUWPERR	au	-	20322	20322	20322
AUZAPICC	au	20500	20500	20500	20500
AXSMASRT	da	21033	21333	21333	21283

4.5 MNEMONIC INDEX: B

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
BADDALBPID	fc	21732	22032	22032	21982
BADDLTRG	si	24317	24617	24617	24567
BADPRIMCNT	db	40468	41068	41068	41068
BADSMADDR	up	27727	28027	28027	27877
BCLMASRT	da	20906	21206	21206	21156
BCSMASRT	da	20904	21204	21204	21154
BDLMASRT	da	21111	-	-	-
BDSMASRT	da	21112	-	-	-
BFGACB_PORT	fc	21820	22120	22120	22070
BFGACCT_PRT	fc	21817	22117	22117	22067
BFGARPORT	fc	21819	22119	22119	22069
BFGATH_PRT	fc	21818	22118	22118	22068
BFGCW_PORT	fc	21831	22131	22131	22081
BFGEDS_PORT	fc	21822	22122	22122	22072
BFGIDP_PORT	fc	21824	22124	22124	22074
BFGMDR_PORT	fc	21826	22126	22126	22076
BFGMWPORT	fc	21823	22123	22123	22073
BFGPF_PORT	fc	21825	22125	22125	22075
BFGPP_LTM	fc	21829	22129	22129	22079
BFGPU_LTM	fc	21821	22121	22121	22071
BFGPU_PORT	fc	21827	22127	22127	22077
BFSMASRT	da	20934	21234	21234	21184
BILMASRT	da	20905	21205	21205	21155
BISMASRT	da	20903	21203	21203	21153

BKAMODDGONE	dbkup	2454	2454	2454	2454
BKCMPPFR	dbkup	2462	2462	2462	2462
BKCMPIH	dbkup	2463	2463	2463	2463
BKFRNOMSG	dbkup	2461	2461	2461	2461
BLSMASRT	da	20944	21244	21244	21194
BRLMASRT	da	20928	21228	21228	21178
BRSMASRT	da	20926	21226	21226	21176
BUSMASRT	da	20889	21189	21189	21139
BXSABTFL	dmap	3750	3750	3750	3750
BXSACKFL	dmap	3752	3752	3752	3752
BXSACPTFL	dmap	3751	3751	3751	3751
BXSATTFL	dmap	3753	3753	3753	3753
BXSCLOFL	dmap	3757	3757	3757	3757
BXSCONFL	dmap	3754	3754	3754	3754
BXSDETFL	dmap	3755	3755	3755	3755
BXSDISFL	dmap	3756	3756	3756	3756
BXSOPNFL	dmap	3758	3758	3758	3758
BXSQUEFL	dmap	3759	3759	3759	3759
BXSRCVFL	dmap	3760	3760	3760	3760
BXSREFFL	dmap	3761	3761	3761	3761
BXSSNDFL	dmap	3762	3762	3762	3762
BXSXSDFL	dmap	3763	3763	3763	3763

4.6 MNEMONIC INDEX: C1SMASRT - CCILSDPOL

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
C1SMASRT	da	21069	21369	21369	21319
C7SMASRT	da	21052	21352	21352	21302
CASMASRT	da	20914	21214	21214	21164
CBLMASRT	da	20931	21231	21231	21181
CBSMASRT	da	20924	21224	21224	21174
CCABADOPCI	ccsph	31008	31338	31338	31188
CCACBADMSG	ccs	28832	29132	29132	28982
CCACBDSTATE	ccsph	31078	31408	31408	31258
CCACCTCODE	ccs	28890	29190	-	-
CCACKFAIL	ccsph	31001	31331	31331	31181
CCADDLSMCC	ccs	28738	29038	29038	28888
CCADM_ELAUD	ccs	28978	29278	29278	29128
CCADSIIENT	ccs	28561	28861	28861	28711
CCADSIUMSG	ccs	28562	28862	28862	28712
CCALLOCERR	ccs	28766	29066	29066	28916
CCAMTOUP_BAD	ccs	28544	28844	28844	28694
CCAODRBAD	ccs	28829	29129	29129	28979
CCAOPCNUM	ccsph	31010	31340	31340	31190
CCAPCI_APC	ccs	28892	-	-	-
CCAPCRES	ccs	28883	-	-	-
CCAPC_STAT	ccs	28891	-	-	-
CCAPPL_PLAT	ccs	28877	29177	29177	-
CCAPXBADDATA	ccs	28737	29037	29037	28887
CCARDNOP	ccsph	31034	31364	31364	31214
CCASMMAPBAD	ccs	28652	-	-	-
CCASPNLOAD	ccs	28805	29105	29105	28955
CCAUPORTLA	ccs	28575	-	-	-
CCBAD2_CACHE	ccs	29121	29421	29421	29271
CCBADACT	ccs	28682	28982	28982	28832
CCBADAMCMCID	ccs	28860	29160	29160	29010
CCBADAMTKGP	ccs	28859	29159	29159	29009
CCBADAPXMSG	ccs	28670	28970	28970	28820
CCBAD_CACHE	ccs	29119	29419	29419	29269
CCBADCONGUPD	ccs	29180	29480	29480	29330
CCBAD_COS	ccs	28678	28978	28978	28828
CCBADCPSTATE	ccs	28783	29083	29083	28933
CCBADCRANGE	ccsph	31009	31339	31339	31189
CCBADDATA	ccs	28500	28800	28800	28650
	ccsph	31311	31311	31161	-
CCBADDDTRG	ccs	28488	28788	28788	28638
CCBADDEL	ccsph	31011	31341	31341	31191
CCBADDPD	ccs	28510	28810	28810	28660
CCBADEVENT	ccs	28568	28868	28868	28718
CCBADFC_TRUNK	ccs	28600	28900	28900	28750
CCBADICT	ccs	28683	28983	28983	28833

	ccsph	31327	31327	31177	-
CCBADJOB	ccs	28569	28869	28869	28719
CCBADKEY	ccs	28687	28987	28987	28837
	ccsph	31328	31328	31178	-
CCBADLEN	ccs	28509	28809	28809	28659
CCBAD_LNK_MNG	ccs	29120	29420	29420	29270
CCBADMSG	ccs	28496	28796	28796	28646
	ccsph	31310	31310	31160	-
CCBADNS_TN	ccs	28807	29107	29107	28957
CCBADNUMCIC	ccsph	31012	31342	31342	31192
CCBADODD	ccs	28572	28872	28872	28722
CCBADOPER	ccsph	30996	31326	31326	31176
CCBADPBUF	ccsph	30993	31323	31323	31173
CCBADPEOT	ccsph	30992	31322	31322	31172
CCBADPINFO	ccsph	30991	31321	31321	31171
CCBADPSUEVNT	ccs	28732	29032	29032	28882
CCBADRC	ccs	28653	28953	28953	28803
CCBADREQ	ccs	28733	29033	29033	28883
CCBADSEQ	ccsph	30978	31308	31308	31158
CCBADSM	ccsph	31021	31351	31351	31201
CCBADSRCH	ccs	28781	29081	29081	28931
CCBADSS	ccsph	30995	31325	31325	31175
CCBADSTATE	ccs	28495	28795	28795	28645
CCBADTID	ccs	28681	28981	28981	28831
	ccsph	31329	31329	31179	-
CCBADTTY	ccs	28599	28899	28899	28749
CCBADTYP	ccsph	30994	31324	31324	31174
CCBADUPART	ccs	28498	28798	28798	28648
CCBADUPD	ccsph	30975	31305	31305	31155
CCBAPCKSUM	ccsph	31026	31356	31356	31206
CCBCR_NS	ccs	29040	29340	29340	29190
CCBCSTQFL	ccs	28967	29267	29267	29117
CCBDCKSUM	ccsph	31015	31345	31345	31195
CCBDCLUCKSUM	ccsph	31094	-	-	-
CCBDNETCKSUM	ccsph	31095	-	-	-
CCBDPCKSUM	ccsph	31025	31355	31355	31205
CCBDRTSD	ccs	29044	29344	29344	29194
CCBDXLISTCKSUM	ccsph	31096	-	-	-
CCBGRPNET	ccs	28800	29100	29100	28950
CCBLNDAS	ccs	28799	29099	29099	28949
CCBLSIKSUM	ccsph	31070	31400	31400	31250
CCBMADPCI	ccsph	31042	31372	31372	31222
CCBMDPCI	ccsph	31041	31371	31371	31221
CCBMSEGIDX	ccsph	31043	31373	31373	31223
CCBNETGRP	ccs	28801	29101	29101	28951
CCBNS_IDX	ccs	29039	29339	29339	29189
CCBSTCKSUM	ccsph	30990	31320	31320	31170
CCC7LCG_INV	ccs	28955	29255	29255	29105
CCC7LOSS_INV	ccs	28953	29253	29253	29103
CCC7RCG_INV	ccs	28954	29254	29254	29104
CCCASE_BAD_SW	ccs	28952	29252	29252	29102
CCCBDCGOVFL	ccs	29069	29369	29369	29219
CCCBDCDOVFL	ccs	29055	29355	29355	29205
CC_CCSSTPDB	ccs	28636	28936	28936	28786
CCCHGWBUF	ccs	28482	28782	28782	28632
CCCHIOCTL	ccs	28481	28781	28781	28631
CCCHKOPEN	ccs	28480	28780	28780	28630
CCCHRECV	ccs	28483	28783	28783	28633
CCCHRTN	ccs	28485	28785	28785	28635
CCCHXMIT	ccs	28484	28784	28784	28634
CCCKSUMBAD	ccsph	31016	31346	31346	31196
CCCKTCDDIG	ccs	28797	29097	29097	28947
CCCLACLU	ccs	29134	-	-	-
CCCLAMDB	ccs	29135	-	-	-
CCCLAPCRDB	ccs	29132	-	-	-
CCCLARDB	ccs	29133	-	-	-
CCCLASS_BAD	ccs	28504	28804	28804	28654
CCCLD_ELAUD	ccs	28976	29276	29276	29126
CCCLDNOA	ccs	28821	29121	29121	28971
CCCLS_STAT	ccs	28796	29096	29096	28946
CCCLUPCI	ccs	29141	-	-	-
CCCLU_RDB	ccs	29089	-	-	-

CCCLUSCCP	ccs	29142	-	-	-
CCCLU_STAT	ccs	29140	-	-	-
CCCLUSTERORDER	ccs	29144	-	-	-
CCCLUSTNUM	ccs	29193	-	-	-
	ccsph	-	-	-	-
CCCLUTBLEMPY	ccsph	31093	-	-	-
CCCLUXDPC	ccs	29192	-	-	-
CCCMTUNEQ	ccs	28911	-	-	-
CCCNG_ELAUD	ccs	28977	29277	29277	29127
CCCNGTYPE	ccs	29177	29477	29477	29327
CCCRBAD	ccs	28700	29000	29000	28850
CCCRBADN	ccs	28701	29001	29001	28851
CCCRDBXLIST	ccs	29138	-	-	-
CCCTPTY	ccs	28597	28897	28897	28747
CCCUTTHRU	ccs	28888	29188	-	-
CCCXLISTMR	ccs	29168	-	-	-
CCCXTMRXLIST	ccs	29169	-	-	-
CCD2PFIN	ccsph	31031	31361	31361	31211
CCDARI_BAD	ccs	28479	28779	28779	28629
CCDATA_BAD	ccs	28478	28778	28778	28628
CCDATA CORR	ccsph	30982	31312	31312	31162
CCDATIMER	ccs	28792	29092	29092	28942
CCDBDSAPP	ccs	28990	29290	29290	29140
CCDBERR	ccs	28494	28794	28794	28644
CCDBERR2	ccs	29129	29429	29429	29279
CCDBLAB6_BAD	ccs	28541	28841	28841	28691
CCDBLAB7_BAD	ccs	28610	28910	28910	28760
CCDBPCI_BAD	ccs	28543	28843	28843	28693
CCDBPORTYP_BAD	ccs	28536	28836	28836	28686
CCDBPRT_PCI_BAD	ccs	28760	29060	29060	28910
CCDBRT_TRKG_BAD	ccs	28761	29061	29061	28911
CCDBSYSERR	ccs	28831	29131	29131	28981
CCDBTC_AP	ccs	28621	28921	28921	28771
CCDBTC_SS	ccs	28622	28922	28922	28772
CCDCSIBADENTRY	ccs	28656	28956	28956	28806
CCDCSIBDEVNT	ccs	28674	28974	28974	28824
CCDDBCNTBAD	ccsph	31066	31396	31396	31246
CCDDBFAIL	ccsph	31069	31399	31399	31249
CCDDBDILE	ccsph	31067	31397	31397	31247
CCDDBINIT	ccs	28576	28876	28876	28726
CCDDBLNKBAD	ccsph	31064	31394	31394	31244
CCDDBM PRO	ccs	28577	28877	28877	28727
CCDDBMSG	ccs	28578	28878	28878	28728
CCDDBOPER	ccs	28579	28879	28879	28729
CCDDBOWNBAD	ccsph	31063	31393	31393	31243
CCDDBRCMP	ccs	28580	28880	28880	28730
CCDDBREID	ccs	28581	28881	28881	28731
CCDDBUNPRO	ccs	28582	28882	28882	28732
CCDDFAIL	ccs	28490	28790	28790	28640
CCDDW_BAD	ccs	28486	28786	28786	28636
CCDELLSMCC	ccs	28739	29039	29039	28889
CCDESTROY	ccs	28507	28807	28807	28657
CCDISDPC	ccsph	31074	31404	31404	31254
CCDISILS	ccsph	31073	31403	31403	31253
CCDISLSG	ccsph	31072	31402	31402	31252
CCDISOFF	ccsph	31071	31401	31401	31251
CCDLNINV	ccs	28811	29111	29111	28961
CCDNFEAT	ccs	28916	29216	29216	29066
CC_DPCIND	ccs	28963	29263	29263	29113
CCDPC_ORDER	ccs	28545	28845	28845	28695
CCDPCPCI	ccs	29170	-	-	-
CCDPCRCG	ccs	29176	29476	29476	29326
CCDPC_S2	ccs	29128	29428	29428	29278
CCDPCSCCP	ccs	29171	-	-	-
CCDPC_STAT	ccs	28520	28820	28820	28670
CCDPCA2	ccs	29127	29427	29427	29277
CCDPC TAB	ccs	28675	28975	28975	28825
CCDREQFAIL	ccsph	31018	31348	31348	31198
CCDSICRPT	ccs	28563	28863	28863	28713
CCDSIIENT	ccs	28564	28864	28864	28714
CCDSIINSPRC	ccs	28565	28865	28865	28715
CCDSISND	ccs	28612	28912	28912	28762

CCDSIUSG	ccs	28566	28866	28866	28716
CCDSLEQUIP	ccs	28740	29040	29040	28890
CCDUPINS	ccsph	31006	31336	31336	31186
CCERRAILS	ccs	29041	29341	29341	29191
CCEXCHRTG	ccs	28866	29166	29166	29016
CCEXDPSG	ccsph	31036	31366	31366	31216
CCFAPRET	ccs	28491	28791	28791	28641
CCFCAOVFL	ccs	28852	29152	29152	29002
CCFCCC_ISC	ccs	28770	29070	29070	28920
CCFEATNOTSUP	ccs	28881	29181	-	-
CCFIXITY	ccs	28813	29113	29113	28963
CCFOWNPC	ccs	28506	28806	28806	28656
CCFULLDPC	ccs	29028	29328	29328	29178
CCFXDGERR	ccs	29003	29303	29303	29153
CCGENS7MDB	ccs	29094	-	-	-
CCGETAPCSTAT	ccs	28882	-	-	-
CCGETCLAPCRDB	ccs	29131	-	-	-
CCGETCLURDB	ccs	29136	-	-	-
CCGETCLU_STAT	ccs	29139	-	-	-
CCGETDPB	ccs	28827	29127	29127	28977
CCGETLORSTMR	ccs	29145	-	-	-
CCGETNET_STAT	ccs	29150	-	-	-
CCGETPCI_RTE	ccs	29156	-	-	-
CCGETRCG	ccs	29183	29483	29483	29333
CCGETRDB	ccs	28706	29006	29006	28856
CCGETRESTRTMR	ccs	28884	-	-	-
CCGETRST	ccs	28708	29008	29008	28858
CCGETSCCP_STAT	ccs	29160	-	-	-
CCGETXDPCSTAT	ccs	29162	-	-	-
CCGETXLIST	ccs	29165	-	-	-
CCGETXLISTMR	ccs	29167	-	-	-
CCGETXPT	ccs	28707	29007	29007	28857
CCGSCINIT	ccs	29047	29347	29347	29197
CCGSMI_BAD	ccs	28909	-	-	-
CCGSMNET	ccs	28753	29053	29053	28903
CCGSMPRTERR	ccs	28780	29080	29080	28930
CCGSMTBL	ccs	28810	29110	29110	28960
CCGTRCGTMR	ccs	29185	29485	29485	29335
CCHMACK	ccs	28590	28890	28890	28740
CCHMERR	ccs	28846	29146	29146	28996
CCHMMCCMUPD	ccs	28742	29042	29042	28892
CCHMMCCPT	ccs	28765	29065	29065	28915
CCHMMCCUPD	ccs	28763	29063	29063	28913
CCHOPCNT	ccs	28865	29165	29165	29015
CCHSHNOTDONE	ccs	29043	29343	29343	29193
CCICRBAD	ccsph	31002	31332	31332	31182
CCICRMEM	ccs	29042	29342	29342	29192
CCICRODD	ccsph	31004	31334	31334	31184
CCILSDPOL	ccs	28755	29055	29055	28905

4.7 MNEMONIC INDEX: CCIMS3BRD - CCSND3TTY

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
CCIMS3BRD	ccs	28546	28846	28846	28696
CCIMS3BWT	ccs	28547	28847	28847	28697
CCIMSBFR	ccs	28548	28848	28848	28698
CCIMSOPEN	ccs	28549	28849	28849	28699
CCIMSWRT	ccs	28550	28850	28850	28700
CCINCGRP	ccs	28926	29226	29226	29076
CCINCLNK	ccs	28773	29073	29073	28923
CCINCLS	ccs	28772	29072	29072	28922
CCINFOERAUD	ccs	29002	29302	29302	29152
CCINIT_BAD	ccs	28535	28835	28835	28685
CCINRSPEVNT	ccs	28850	29150	29150	29000
CCINSFLSM	ccs	29064	29364	29364	29214
CCINSSNERR	ccs	29006	29306	29306	29156
CCINVALIDTRA	ccs	28885	-	-	-
CCINVCALLTYPE	ccs	28912	-	-	-
CCINVCIRCODE	ccs	28823	29123	29123	28973
CCINVCONV	ccs	28721	29021	29021	28871
CCINVDPCI	ccs	29045	29345	29345	29195

CCINVCOS	ccs	28822	29122	29122	28972
CCINVGSM	ccs	28752	29052	29052	28902
CCINVLSDF	ccs	28741	29041	29041	28891
CCINVMCCACT	ccs	28743	29043	29043	28893
CCINVMCFLAG	ccs	28764	29064	29064	28914
CCINVMRISP	ccs	29130	29430	29430	29280
CCINVMSG	ccs	28677	28977	28977	28827
CCINVPAGE	ccs	28750	29050	29050	28900
CCINVPKT	ccsph	31076	31406	31406	31256
CCINVPLAT	ccs	28863	29163	29163	29013
CCINVPST	ccsph	31075	31405	31405	31255
CCINVROLE	ccs	28825	29125	29125	28975
CCINVSDL	ccs	28809	29109	29109	28959
CCINVSQRQ	ccsph	31030	31360	31360	31210
CCINVSLSSTAT	ccs	28808	29108	29108	28958
CCINVTNSC	ccs	28879	29179	29179	-
CCIPMHD	ccs	28551	28851	28851	28701
CCIS6MSG_BAD	ccs	28539	28839	28839	28689
CCISUPMSG_BAD	ccs	28540	28840	28840	28690
CCITT7LSMCC	ccs	28745	29045	29045	28895
CCJBUFBAD	ccs	28567	28867	28867	28717
CCJIPFL	ccs	28851	29151	29151	29001
CCLAB6PCI	ccs	28611	28911	28911	28761
CCLAB7NUM	ccsph	31003	31333	31333	31183
CCLABP7ERR	ccs	28502	28802	28802	28652
CCLDPSP1	ccs	28880	29180	29180	-
CCLDPSP2	ccs	28878	29178	29178	-
CCLGRPMEM	ccs	28794	29094	29094	28944
CCLKTSTTBL	ccs	28522	28822	28822	28672
CCLMASRT	da	20867	21167	21167	21117
CCLNBRET	ccs	28802	29102	29102	28952
CCLNK_NF	ccs	28521	28821	28821	28671
CCLNK_STAT	ccs	28518	28818	28818	28668
CCLNPKG	ccs	28803	29103	29103	28953
CCLNVRT	ccs	29018	29318	29318	29168
CCLOMEMPH	ccsph	31024	31354	31354	31204
CCLOMEMSM	ccs	29023	29323	29323	29173
CCLORSTCLU	ccs	29148	-	-	-
CCLORSTMR	ccs	29146	-	-	-
CCLORSTRDB	ccs	29147	-	-	-
CCLORSTXLIST	ccs	29149	-	-	-
CCLS6LNK	ccs	28672	28972	28972	28822
CCLSSMDB	ccs	28715	29015	29015	28865
CCLS_STAT	ccs	28517	28817	28817	28667
CCLSTAB	ccs	28676	28976	28976	28826
CCLVLCG	ccs	29184	29484	29484	29334
CCMBG2BG	ccs	28840	29140	29140	28990
CCMBG2TG	ccs	28842	29142	29142	28992
CCMCCSTATE	ccs	28746	29046	29046	28896
CCMDBLSS	ccs	28714	29014	29014	28864
CCMDUNKACT	ccs	28828	29128	29128	28978
CCMG_BAD	ccs	28476	28776	28776	28626
CCMGTYPE_BAD	ccs	28609	28909	28909	28759
CCMPCTABL	ccs	28814	29114	29114	28964
CC_MSGBAD	ccs	28897	29197	29197	29047
CCMSGNSENT	ccs	28570	28870	28870	28720
CCMSGQFAIL	ccs	28487	28787	28787	28637
CCMSGVAL	ccs	28815	29115	29115	28965
CCMSUBTYP_BAD	ccs	28650	-	-	-
CCMTOCSTAT_BAD	ccs	28910	-	-	-
CCMTPINITFAIL	ccs	28791	29091	29091	28941
CCNA7MSGIN	ccs	28966	29266	29266	29116
CCNETGSM	ccs	28754	29054	29054	28904
CCNETPCI	ccs	29152	-	-	-
CCNETSCCP	ccs	29153	-	-	-
CCNET_STAT	ccs	29151	-	-	-
CCNETWORKORDER	ccs	29155	-	-	-
CCNETXDPC	ccs	29154	-	-	-
CCNM_BAD	ccs	28477	28777	28777	28627
CCNMMGBBK	ccs	28836	29136	29136	28986
CCNMSGTTY	ccs	28596	28896	28896	28746
CCNOBFR	ccs	28583	28883	28883	28733

CCNOBUF	ccs	28489	28789	28789	28639
CCNOCCSMG	ccs	28538	28838	28838	28688
CCNOCHKINTMR	ccs	28790	29090	29090	28940
CCNODLNMSG	ccs	28620	28920	28920	28770
CCNODPCI	ccsph	31022	31352	31352	31202
CCNOGSMI	ccs	29182	29482	29482	29332
CCNOGSMRQ	ccs	28726	29026	29026	28876
CCNOHSHTIMER	ccs	29022	29322	29322	29172
CCNOLCK	ccs	29026	29326	29326	29176
CCNOLINK	ccs	28512	28812	28812	28662
CCNOMEM	ccs	29010	29310	29310	29160
CCNONALNK	ccs	28702	29002	29002	28852
CCNONREASON	ccs	28559	28859	28859	28709
CCNOPHRDB	ccsph	31029	31359	31359	31209
CCNOPHUPD	ccs	28573	28873	28873	28723
CCNOQUE	ccs	28584	28884	28884	28734
CCNORESP	ccs	28571	28871	28871	28721
CCNORPB	ccs	28501	28801	28801	28651
CCNORTDATA	ccs	28895	29195	29195	-
CCNO_SCMG	ccs	28647	28947	28947	28797
CCNO_SCMT	ccs	28949	29249	29249	29099
CCNO_TDTP	ccs	28514	28814	28814	28664
CCNOTERMPROC	ccs	28537	28837	28837	28687
CCNOTMR	ccs	28493	28793	28793	28643
CCNOTQ	ccs	28492	28792	28792	28642
CCNOTRUNK	ccsph	31023	31353	31353	31203
CCNOWP	ccsph	30979	31309	31309	31159
CCNRESTTY	ccs	28595	28895	28895	28745
CCNTFYFAIL	ccs	28769	29069	29069	28919
CCNTGSMERR	ccs	29005	29305	29305	29155
CCOC_UNKFAC	ccs	28844	29144	29144	28994
CCODDBAD	ccs	28684	28984	28984	28834
CCOFF_PAR	ccs	28749	29049	29049	28899
CCOGRMEM	ccs	28913	-	-	-
CCOPCGSM2	ccs	29196	-	-	-
CCOPCIBAD	ccsph	31005	31335	31335	31185
CCOPCIDX	ccsph	31013	31343	31343	31193
CCOPCNUM	ccsph	31007	31337	31337	31187
CCOS_BAD	ccs	28503	28803	28803	28653
CCOSBCSTFAIL	ccs	28686	28986	28986	28836
CCOS_DEL	ccs	28553	28853	28853	28703
CCOSPSMON	ccs	28861	29161	29161	29011
CCOSRETURN	ccs	28644	28944	28944	28794
CCOSWAKE	ccs	28552	28852	28852	28702
CCP2DPMM	ccsph	31032	31362	31362	31212
CCP6LABERR	ccs	28497	28797	28797	28647
CCP7LABERR	ccs	28499	28799	28799	28649
CCPCINUM	ccs	29194	-	-	-
	ccsph	-	-	-	-
CCPCI RTE	ccs	29157	-	-	-
CCPCITBLEMPY	ccsph	31091	-	-	-
CCPCLENBAD	ccsph	31077	31407	31407	31257
CCPCLSLNK	ccs	28519	28819	28819	28669
CCPHDASPP	ccsph	30976	31306	31306	31156
CCPHRDERR	ccs	28758	29058	29058	28908
	ccsph	31344	31344	31194	-
CCPKTBDOFF	ccsph	30985	31315	31315	31165
CCPKTINVAL	ccs	28834	29134	29134	28984
CCPKTSEQ	ccsph	30977	31307	31307	31157
CCPKTST	ccsph	30984	31314	31314	31164
CCPKTTOTBL	ccsph	31019	31349	31349	31199
CCPKTTRAN	ccsph	30983	31313	31313	31163
CCPKTUNTBL	ccsph	30986	31316	31316	31166
CCPLATINV	ccs	28864	29164	29164	29014
CCPORTBAD	ccs	28505	28805	28805	28655
CCPORTCOND	ccs	28845	29145	29145	28995
CCPORTLA	ccs	28747	29047	29047	28897
CCPORTLA_DATA	ccs	28889	29189	-	-
CCPP_CF	ccs	29189	29489	-	-
CCPP_TRUNK	ccs	29188	29488	-	-
CCPROTERR	ccs	28727	29027	29027	28877
CCPRSQERR	ccs	29004	29304	29304	29154

CCPRST_BAD	ccs	28756	29056	29056	28906
CCPS_CHNG	ccs	28998	29298	29298	29148
CCPSIU_FAIL	ccs	28557	28857	28857	28707
CCPTDP	ccs	28516	28816	28816	28666
CCQIWKEY	ccs	28992	29292	29292	29142
CCQPHODDBAD	ccs	28679	28979	28979	28829
CCQPHUNINIT	ccs	28615	28915	28915	28765
CCQPHWQERR	ccs	28523	28823	28823	28673
CCQSLSNOMATCH	ccs	28635	28935	28935	28785
CCQUEUEMNERR	ccs	28767	29067	29067	28917
CCRCGBAD	ccsph	31065	31395	31395	31245
CCRCGFAIL	ccsph	31068	31398	31398	31248
CCRCGTMR	ccs	29175	29475	29475	29325
CCRCGXDP	ccs	29191	-	-	-
CCRDBCNT	ccsph	31035	31365	31365	31215
CCRDBLINK	ccsph	31028	31358	31358	31208
CCRDBMDB	ccs	28713	29013	29013	28863
CCRDBRST	ccs	28711	29011	29011	28861
	ccsph	31357	31357	31207	-
CCRDBXPT	ccs	28710	29010	29010	28860
CCRDICCSST	ccs	28830	29130	29130	28980
CCRDUP	ccs	28619	28919	28919	28769
CCREASNBAD	ccs	28980	29280	29280	29130
CCRETCODE_BAD	ccs	28542	28842	28842	28692
CCRETRN	ccs	28688	28988	28988	28838
CCRINRAR	ccsph	31033	31363	31363	31213
CCRLMDPATH	ccs	28594	28894	28894	28744
CCRNBOFV	ccs	28555	28855	28855	28705
CCRSTCLU	ccs	29174	-	-	-
CCRSTXLIST	ccs	29190	-	-	-
CCRT_TG	ccs	28841	29141	29141	28991
CCS7MDB	ccs	28524	28824	28824	28674
CCS7PSA	ccs	28759	29059	29059	28909
CCS7RDB	ccs	29068	29368	29368	29218
CCSAEASCCP	ccs	29008	29308	29308	29158
CCSBKINV	ccs	28975	29275	29275	29125
CCSCBADADDR	ccs	28946	29246	29246	29096
CCSCBADLGTH	ccs	28947	29247	29247	29097
CCSCBADMSG	ccs	28948	29248	29248	29098
CCSCCP_STAT	ccs	29161	-	-	-
CCSCMPREL	ccs	28973	29273	29273	29123
CCSCNMINFAL	ccs	29046	29346	29346	29196
CCSCVERE	ccs	28835	29135	29135	28985
	ccsph	31409	31409	31259	-
CCSDAU_SPP	ccs	28788	29088	29088	28938
CCSDNBRET	ccs	28771	29071	29071	28921
CCSDNPKG	ccs	28804	29104	29104	28954
CCSDPCSSN	ccs	28848	29148	29148	28998
CCSDRQ_SPP	ccs	28789	29089	29089	28939
CCSDSLRATE	ccsph	31017	31347	31347	31197
CCSFTPSCMG	ccs	28970	29270	29270	29120
CCSGSMNET	ccs	28961	29261	29261	29111
CCSIG_CICALL	ccs	28824	29124	29124	28974
CCSIGTYPE_RT_TRKG	ccs	28762	29062	29062	28912
CCSINDXI	ccs	28962	29262	29262	29112
CCSLMTST	ccs	28593	28893	28893	28743
CCSLTEST	ccs	28513	28813	28813	28663
CCSMASRT	da	20851	21151	21151	21101
CCSMDLSTAR	ccs	28969	29269	29269	29119
CCSMEMQC	ccs	28933	29233	29233	29083
CCSMEMQE	ccs	28934	29234	29234	29084
CCSMEMQF	ccs	28935	29235	29235	29085
CCSMEMQP	ccs	28941	29241	29241	29091
CCSMIMBF	ccs	28936	29236	29236	29086
CCSMMDLI	ccs	28931	29231	29231	29081
CCSMMIBF	ccs	28927	29227	29227	29077
CCSMMIBM	ccs	28932	29232	29232	29082
CCSMMRDF	ccs	28929	29229	29229	29079
CCSMMSGI	ccs	28937	29237	29237	29087
CCSMMSTI	ccs	28938	29238	29238	29088
CCSMPARG	ccs	28942	29242	29242	29092
CCSMRSTR	ccs	28930	29230	29230	29080

CCSMSFRC	ccs	28939	29239	29239	29089
CCSMSJNS	ccs	28943	29243	29243	29093
CCSMTMRL	ccs	28944	29244	29244	29094
CCSMTMRR	ccs	28940	29240	29240	29090
CCSMUNXM	ccs	28928	29228	29228	29078
CCSND1TTY	ccs	28587	28887	28887	28737
CCSND2TTY	ccs	28588	28888	28888	28738
CCSND3TTY	ccs	28589	28889	28889	28739

4.8 MNEMONIC INDEX: CCSNDBAD - CMAUFREE

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
CCSNDBAD	ccs	28735	29035	29035	28885
CC_SNDISSETUP	ccs	28637	28937	28937	28787
CCSND_KILL	ccs	28511	28811	28811	28661
CCSND_NOKILL	ccs	28515	28815	28815	28665
CCSNETGSM	ccs	28974	29274	29274	29124
CCSNOTUP	ccs	28847	29147	29147	28997
CCSP_ENTRY	ccs	28475	28775	28775	28625
CCSRETURN	ccs	28768	29068	29068	28918
CCSSBAD	ccs	28722	29022	29022	28872
CCSSD_FULL	ccs	28785	29085	29085	28935
CCSSDIVA	ccsph	31061	31391	31391	31241
CCSSD_OSWBAD	ccs	28786	29086	29086	28936
CCSSDSP_ENTRY	ccs	28784	29084	29084	28934
CCSSD_TAGBAD	ccs	28787	29087	29087	28937
CCSSNIS	ccs	28624	28924	28924	28774
CCSSNOOS	ccs	28625	28925	28925	28775
CCSSSNINV	ccs	28968	29268	29268	29118
CCSTATE_INVL	ccs	28654	28954	28954	28804
CCSTFPUPC	ccs	28918	-	-	-
CCT7NOTLOADED	ccs	28751	29051	29051	28901
CCTAB_ID_BAD	ccs	28979	29279	29279	29129
CCTABSZE	ccs	28950	29250	29250	29100
CCTATYPE	ccs	28991	29291	29291	29141
CCTBLDFAIL	ccs	28849	29149	29149	28999
CCTBLEMPTY	ccsph	31020	31350	31350	31200
CCTBL_ERAUD	ccs	29000	29300	29300	29150
CCTBLFUL	ccs	28685	28985	28985	28835
	ccsph	31330	31330	31180	-
CCTCBLEN	ccs	28623	28923	28923	28773
CCTCCOMP	ccs	28725	29025	29025	28875
CCTCINVAPP	ccs	28997	29297	29297	29147
CCTCSCCP	ccs	28723	29023	29023	28873
CCTCTTRANS	ccs	28724	29024	29024	28874
CCTFBADDSEG	ccsph	31039	31369	31369	31219
CCTFINVA	ccsph	31045	31375	31375	31225
CCTFINVD	ccsph	31046	31376	31376	31226
CCTFINVS	ccsph	31044	31374	31374	31224
CCTFINVT	ccsph	31048	31378	31378	31228
CCTFIPLN	ccsph	31051	31381	31381	31231
CCTFIT8ID	ccsph	31040	31370	31370	31220
CCTFITDB	ccsph	31062	31392	31392	31242
CCTFITFX	ccsph	31059	31389	31389	31239
CCTFIVA0	ccsph	31057	31387	31387	31237
CCTFIVABIT	ccsph	31058	31388	31388	31238
CCTFIVACNT	ccsph	31052	31382	31382	31232
CCTFIVD0	ccsph	31056	31386	31386	31236
CCTFIVDBIT	ccsph	31055	31385	31385	31235
CCTFIVDGRP	ccsph	31054	31384	31384	31234
CCTFIVDSEG	ccsph	31053	31383	31383	31233
CCTFNUL	ccsph	31047	31377	31377	31227
CCTFPR_DPC	ccs	28757	29057	29057	28907
CCTFPROCSTATE	ccsph	31038	31368	31368	31218
CCTFSPCE	ccsph	31050	31380	31380	31230
CCTFSTFUNC	ccsph	31037	31367	31367	31217
CCTFT8AE	ccsph	31049	31379	31379	31229
CCTFT8AI	ccsph	31060	31390	31390	31240
CCTMHTBLERR	ccs	28903	-	-	-
CCTMMC7SNDRET	ccs	28833	29133	29133	28983
CCTPTBDP	ccs	28839	29139	29139	28989

CCTRANBAD	ccs	28837	29137	29137	28987
CCTRANSE	ccs	28525	28825	28825	28675
CCTRIG_BREL	ccs	28585	28885	28885	28735
CCTRIG_ROP	ccs	28586	28886	28886	28736
CCTRMFEAT	ccs	28898	29198	29198	29048
CCTRSPENT	ccs	28554	28854	28854	28704
CCTXNDATA	ccs	28905	-	-	-
CCTXNINFO	ccs	28906	-	-	-
CCTYP_CL_CALL	ccs	28692	28992	28992	28842
CCTYP_ERAUD	ccs	29001	29301	29301	29151
CCUIDMBGBK	ccs	29225	29525	29525	29375
CCUNEXP_STATE	ccs	28806	29106	29106	28956
CCUNINIT	ccs	28720	29020	29020	28870
CCUNKINIT	ccs	28734	29034	-	-
CCUNKTDTT	ccs	28508	28808	28808	28658
CCUNWAIT	ccsph	30988	31318	31318	31168
CCUNWGTMSG	ccsph	30987	31317	31317	31167
CCUPDSTPDB	ccs	28618	28918	28918	28768
CCUXPMMSG	ccs	28592	28892	28892	28742
CCUXPTTY	ccs	28598	28898	28898	28748
CCVERBER	ccs	28731	29031	29031	28881
CCVQIDERR	ccs	28925	29225	29225	29075
CCWAKEUP	ccsph	30989	31319	31319	31169
CCWBTBLOCK	ccs	28673	28973	28973	28823
CCXDPCSTAT	ccs	29163	-	-	-
CCXDPCXLIST	ccs	29096	-	-	-
CCXLIST	ccs	29166	-	-	-
CCXLUNEXRET	ccs	29195	-	-	-
CCXNOMSG	ccs	28558	28858	28858	28708
CCXPSYNC	ccs	28843	29143	29143	28993
CCZOMBIE	ccs	28838	29138	29138	28988
CD1MSG	cd	33825	34055	34015	33865
CD2MSG	cd	33857	34087	34047	33897
CDAGENTID	cd	33859	34089	34049	33899
CDAUAGTPOS	cd	33852	34082	34042	33892
CDAUCLLQDB	cd	33862	34092	34052	33902
CDAUGHCLLQ	cd	33866	34096	34056	33906
CDAUGHSRVQ	cd	33867	34097	34057	33907
CDAUHC_CLLQ	cd	33856	34086	34046	33896
CDAUSRVQDB	cd	33851	34081	34041	33891
CDBADARG	cd	33826	34056	34016	33866
CDBADYRET	cd	33850	34080	34040	33890
CDCQMASK	cd	33836	34066	34026	33876
CDCQPARM	cd	33858	34088	34048	33898
CDDHC_CLLQ	cd	33861	34091	34051	33901
CDDSRVQ_HC	cd	33860	34090	34050	33900
CDGLCLLQDB	cd	33863	34093	34053	33903
CDIACD_POS	cd	33844	34074	34034	33884
CDIAGTID	cd	33831	34061	34021	33871
CDIAGTPOS	cd	33833	34063	34023	33873
CDICLLQDB	cd	33842	34072	34032	33882
CDICQCLTQ	cd	33841	34071	34031	33881
CDICQDEF	cd	33838	34068	34028	33878
CDICQGP1	cd	33840	34070	34030	33880
CDICQLNK	cd	33843	34073	34033	33883
CDICQPARM	cd	33837	34067	34027	33877
CDIHC_CLLQ	cd	33839	34069	34029	33879
CDIHC_SRVQ	cd	33847	34077	34037	33887
CDILGDEF	cd	33832	34062	34022	33872
CDINSYDYN	cd	33827	34057	34017	33867
CDISRDEF	cd	33845	34075	34035	33885
CDISRQVQDB	cd	33846	34076	34036	33886
CDISRQVQ_HC	cd	33848	34078	34038	33888
CDISTPARM	cd	33834	34064	34024	33874
CDISVDEF	cd	33835	34065	34025	33875
CDLMASRT	da	20868	21168	21168	21118
CDQVSTATE	cd	33828	34058	34018	33868
CDRGLPRM	cd	33829	34059	34019	33869
CDRMHCLLQ	cd	33865	34095	34055	33905
CDRMHSRVQ	cd	33864	34094	34054	33904
CDSMASRT	da	20852	21152	21152	21102
CDSTPARM	cd	33855	34085	34045	33895

CDTLGDEF	cd	33854	34084	34044	33894
CDTLGERRN	cd	33853	34083	34043	33893
CDUGLPRM	cd	33830	34060	34020	33870
CD_WHAT	cd	33849	34079	34039	33889
CFLMASRT	da	21036	21336	21336	21286
CFSMASRT	da	21035	21335	21335	21285
CHBUGACTION	smkp	26365	26665	26665	26515
CHBUGAQUAL	smkp	26364	26664	26664	26514
CHBUGCLASS	smkp	26366	26666	26666	26516
CHBUGCSTENTRY_	smkp	26370	26670	26670	26520
CHBUGDATA	smkp	26437	26737	26737	26587
CHBUGEID	smkp	26369	26669	26669	26519
CHBUGEINITYPE	smkp	26414	26714	26714	26564
CHBUGERRTYPE	smkp	26362	26662	26662	26512
CHBUGESIDE	smkp	26419	26719	26719	26569
CHBUGESMTYPE	smkp	26420	26720	26720	26570
CHBUGEUNIT	smkp	26416	26716	26716	26566
CHBUGEVCAUSE	smkp	26417	26717	26717	26567
CHBUGINITYPE	smkp	26361	26661	26661	26511
CHBUGMMSTATE	smkp	26376	26676	26676	26526
CHBUGMSGTYPE	smkp	26436	26736	26736	26586
CHBUGNCCRTN	smkp	26375	26675	26675	26525
CHBUGOOSERR	smkp	26377	26677	26677	26527
CHBUGOSSRTN	smkp	26421	26721	26721	26571
CHBUGOSWRTN	smkp	26418	26718	26718	26568
CHBUGPF	smkp	26378	26678	26678	26528
CHBUGPOSTPARM	smkp	26415	26715	26715	26565
CHBUGREAD	smkp	26371	26671	26671	26521
CHBUGSIDE	smkp	26374	26674	26674	26524
CHBUGSMNUM	smkp	26380	26680	26680	26530
CHBUGSMRTN	smkp	26368	26668	26668	26518
CHBUGSMTYPE	smkp	26367	26667	26667	26517
CHBUGSTATE	smkp	26372	26672	26672	26522
CHBUGTOCAD	smkp	26373	26673	26673	26523
CHBUGTOIIA	smkp	26381	26681	26681	26531
CHBUGUDGR	smkp	26382	26682	26682	26532
CHBUGUNIT	smkp	26363	26663	26663	26513
CHBUGWRITE	smkp	26379	26679	26679	26529
CHLMASRT	da	20869	21169	21169	21119
CHSMASRT	da	20853	21153	21153	21103
CLLMASRT	da	20952	21252	21252	21202
CLSMASRT	da	20953	21253	21253	21203
CMAABTFL	dcmmap	3785	3785	3785	3785
CMAPAROOR	dcmmap	3788	3788	3788	3788
CMAABADCASE	dcmmap	3772	3772	3772	3772
CMAABADOP	cm	20642	20942	20942	20942
CMAABFEAT	cm	20637	20937	20937	20937
	dcmmap	3793	3793	3793	-
CMAABFFL	dcmmap	3764	3764	3764	3764
CMAABINDX	cm	20638	20938	20938	20938
	dcmmap	3794	3794	3794	-
CMAABLINK	dcmmap	3789	3789	3789	3789
CMAABMCCI	dcmmap	3795	3795	3795	3795
CMAABPARM	dcmmap	3782	3782	3782	3782
CMAABXFL	dcmmap	3775	3775	3775	3775
CMAAPCNFGFL	dcmmap	3784	3784	3784	3784
CMAAPDBBAD	dcmmap	3780	3780	3780	3780
CMAAPDBFL	dcmmap	3781	3781	3781	3781
CMAAPDBRDF	cm	20633	20933	20933	20933
CMAAPDDL	dcmmap	3771	3771	3771	3771
CMAAPDDRDF	cm	20632	20932	20932	20932
CMAAPMSGFL	dcmmap	3776	3776	3776	3776
CMAAPDXTBL	dcmmap	3773	3773	3773	3773
CMAPE911AP	cm	20682	20982	20982	20982
CMAPECDBAD	dcmmap	3767	3767	3767	3767
CMAPECDFL	dcmmap	3768	3768	3768	3768
CMAPESCFL	dcmmap	3783	3783	3783	3783
CMAPEVFL	dcmmap	3787	3787	3787	3787
CMAPEXTFL	dcmmap	3770	3770	3770	3770
CMAPHMFL	dcmmap	3777	3777	3777	3777
CMAPIINTB	dcmmap	3769	3769	3769	3769
CMAPI SITE	cm	20635	20935	20935	20935

CMAFKFLT	dcmmap	3786	3786	3786	3786
CMAPLLISTB	dcmmap	3778	3778	3778	3778
CMAPLSTB	dcmmap	3765	3765	3765	3765
CMAPNWBTB	cm	20641	20941	20941	20941
CMAPNNOPT	cm	20634	20934	20934	20934
	dcmmap	3791	3791	3791	-
CMAPODDERR	cm	20670	20970	20970	20970
CMAPOLDTB	cm	20640	20940	20940	20940
CMAPRLLDB	cm	20639	20939	20939	20939
CMAPRTSFL	dcmmap	3779	3779	3779	3779
CMAPECSITE	cm	20702	21002	21002	21002
CMAPESEDF	cm	20636	20936	20936	20936
	dcmmap	3792	3792	3792	-
CMAPSXTBL	dcmmap	3774	3774	3774	3774
CMAPTYFL	dcmmap	3790	3790	3790	3790
CMAUNEQIP	dcmmap	3766	3766	3766	3766
CMAUACKS	pcmm	15077	15077	15077	15077
CMAUADMA	dcmdrv	552	552	552	552
CMAUARQF	cm	20621	20921	20921	20921
CMAUASYR	cm	20620	20920	20920	20920
CMAUBADIDLE	cm	20684	20984	20984	20984
CMAUBADIPADDR	cm	-	-	21104	-
CMAUBDINV	cm	20760	21060	21060	21060
CMAUBDLINK	cm	20677	20977	20977	20977
CMAUBQFL	pcmm	15067	15067	15067	15067
CMAUBUFT	pcmm	15054	15054	15054	15054
CMAUCLFR	pcmm	15069	15069	15069	15069
CMAUCMA	dcmdrv	558	558	558	558
CMAUDCLF	pcmm	15059	15059	15059	15059
CMAUDPID	cm	20613	20913	20913	20913
CMAUENPTYPE	cm	20730	21030	21030	21030
CMAUERRT	cm	20614	20914	20914	20914
CMAUESATPINIT	cm	20790	21090	21090	-
CMAUEXTSYSTYPE	cm	20806	21106	-	-
CMAUFDINV	cm	20685	20985	20985	20985
CMAUFDLINK	cm	20686	20986	20986	20986
CMAUFDLOW	cm	20743	21043	21043	21043
CMAUFREE	cm	20604	20904	20904	20904
	pcmm	15053	15053	15053	-

4.9 MNEMONIC INDEX: CMAUGDITIMEOUT - COTWRGMSG

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
CMAUGDITIMEOUT	cm	20816	21116	-	-
CMAUILL2X4	cm	20698	20998	20998	20998
CMAUINFR	cm	20601	20901	20901	20901
	pcmm	15062	15062	15062	-
CMAUINPCBINV	cm	20813	21113	-	-
CMAUINVATPMSG	cm	20807	21107	-	-
CMAUINVATPST	cm	20805	21105	-	-
CMAUINVBIND	cm	20802	21102	21102	-
CMAUINVEFD	cm	20815	21115	-	-
CMAUINVEFDMELNK	cm	20819	21119	-	-
CMAUINVESDATA	cm	20786	21086	21086	-
CMAUINVHWADDR	cm	20803	21103	21103	-
CMAUINVINIT	cm	20729	21029	21029	21029
CMAUINVL3QAUST	cm	20810	21110	-	-
CMAUINVMELNK	cm	20817	21117	-	-
CMAUINVMESERV	cm	20793	21093	21093	-
CMAUINVPARAM	cm	20701	21001	21001	21001
CMAUINVSTATE	cm	20678	20978	20978	20978
CMAUINVTCPST	cm	20788	21088	21088	-
CMAUINVUNIT	cm	20766	21066	21066	-
CMAUINVUTPACK	cm	20818	21118	-	-
CMAUIOOP	dcmdrv	559	559	559	559
CMAUIQPT	pcmm	15061	15061	15061	15061
CMAUKPMT	dcmkp	501	501	501	501
CMAUKPPT	dcmkp	500	500	500	500
CMAUL1BUSY	cm	20741	21041	21041	21041
CMAUL1DERR	cm	20761	21061	21061	21061
CMAUL1DTO	cm	20762	21062	21062	21062

CMAUL3QACKERR	cm	20812	21112	-	-
CMAUL3QRCVRFail	cm	20811	21111	-	-
CMAULGINV	cm	20745	21045	21045	21045
CMAULGMLNG	cm	20746	21046	21046	21046
CMAULINK	cm	20600	20900	20900	20900
	pcmm	15050	15050	15050	-
CMAULOSTPKT	cm	20679	20979	20979	20979
CMAULQFL	pcmm	15064	15064	15064	15064
CMAUMENOCFIG	cm	20801	21101	21101	-
CMAUMHCOMFAIL	cm	20804	21104	-	-
CMAUMHERR	cm	20695	20995	20995	20995
CMAUMHIDERR	cm	20704	21004	21004	21004
CMAUMHINV	cm	20764	21064	21064	-
CMAUMHPPIP	cm	20765	21065	21065	-
CMAUMHSWERR	cm	20703	21003	21003	21003
CMAUMLNG	cm	20625	20925	20925	20925
CMAUMSGT	cm	20611	20911	20911	20911
CMAUMSPT	pcmm	15075	15075	15075	15075
CMAUMTYP	dcmdrv	551	551	551	551
CMAUNDST	dcmdrv	555	555	555	555
CMAUNOAD	pcmm	15068	15068	15068	15068
CMAUNOBUFS	cm	20763	21063	21063	21063
CMAUNOFDS	cm	20692	20992	20992	20992
CMAUNOGDIMATCH	cm	20809	21109	-	-
CMAUNOINPCB	cm	20800	21100	21100	-
CMAUNOOS	dcmdrv	556	556	556	556
CMAUNORG	dcmdrv	554	554	554	554
CMAUNOTCPCB	cm	20787	21087	21087	-
CMAUNOTDS	cm	20693	20993	20993	20993
CMAUNUCB	dcmdrv	560	560	560	560
CMAUNXST	cm	20624	20924	20924	20924
	pcmm	15058	15058	15058	-
CMAUOPPT	pcmm	15060	15060	15060	15060
CMAUOQFULL	cm	20654	20954	20954	20954
CMAUORCV	cm	20609	20909	20909	20909
	pcmm	15063	15063	15063	-
CMAUOSMG	cm	20622	20922	20922	20922
CMAUPHSE	cm	20602	20902	20902	20902
	pcmm	15051	15051	15051	-
CMAUPINVUNIT	cm	20781	21081	21081	-
CMAUPJOB	dcmdrv	553	553	553	553
CMAUPKTBLAST	cm	20680	20980	20980	20980
CMAUPKTLNG	cm	20669	20969	20969	20969
CMAUPORT	dcmdrv	550	550	550	550
CMAUPTINV	cm	20757	21057	21057	21057
CMAUPTST	cm	20615	20915	20915	20915
CMAUPTST	cm	20606	20906	20906	20906
	pcmm	15055	15055	15055	-
CMAUQERR	cm	20690	20990	20990	20990
CMAUQFLL	dcmdrv	557	557	557	557
CMAUQLINIT	cm	20705	21005	21005	21005
CMAUQTSBAD	cm	20740	21040	21040	21040
CMAURAMMUT	pcmm	15078	15078	15078	15078
CMAURCST	cm	20616	20916	20916	20916
CMAURCVERR	cm	20697	20997	20997	20997
CMAURCVF	cm	20626	20926	20926	20926
CMAURETC	cm	20612	20912	20912	20912
CMAURETINV	cm	20710	21010	21010	21010
CMAURJOB	cm	20617	20917	20917	20917
CMAURLLD	pcmm	15070	15070	15070	15070
CMAURLPT	pcmm	15074	15074	15074	15074
CMAURLVR	pcmm	15072	15072	15072	15072
CMAURMMG	cm	20619	20919	20919	20919
CMAURMTS	cm	20605	20905	20905	20905
	pcmm	15066	15066	15066	-
CMAUSCERR	cm	20755	21055	21055	21055
CMAUSCRCV	cm	20756	21056	21056	21056
CMAUSCRDTO	cm	20820	21120	-	-
CMAUSCTO	cm	20747	21047	21047	21047
CMAUSFLT	dcmkp	502	502	502	502
CMAUSMGD	cm	20610	20910	20910	20910
CMAUSNDF	cm	20628	20928	20928	20928

CMAUSOBINDFAIL	cm	20795	21095	21095	-
CMAUSOCKETINV	cm	20814	21114	-	-
CMAUSOCKINV	cm	20785	21085	21085	-
CMAUSOCLSFALL	cm	20797	21097	21097	-
CMAUSOCONFAIL	cm	20796	21096	21096	-
CMAUSOCRTFAIL	cm	20794	21094	21094	-
CMAUSOSHUTFAIL	cm	20798	21098	21098	-
CMAUSPDERR	cm	20739	21039	21039	21039
CMAUSPERR	cm	20689	20989	20989	20989
CMAUSPTO	cm	20691	20991	20991	20991
CMAUSRCF	cm	20627	20927	20927	20927
CMAUSTAT	cm	20603	20903	20903	20903
	pcmm	15052	15052	15052	-
CMAUSUPT	cm	20607	20907	20907	20907
	pcmm	15056	15056	15056	-
CMAUSWMFERR	cm	20676	20976	20976	20976
CMAUSWQERR	cm	20675	20975	20975	20975
CMAUTCMELNKDATA	cm	20799	21099	21099	-
CMAUTCPCBINV	cm	20784	21084	-	-
CMAUTCPINV	cm	20789	21089	21089	-
CMAUTCSOBINDFAIL	cm	20792	21092	21092	-
CMAUTCSOCONFAIL	cm	20791	21091	21091	-
CMAUTDAF	cm	20758	21058	21058	21058
CMAUTDEOL	cm	20694	20994	20994	20994
CMAUTDERR	cm	20699	20999	20999	20999
CMAUTDFREE	cm	20700	21000	21000	21000
CMAUTDINV	cm	20687	20987	20987	20987
CMAUTDLINK	cm	20688	20988	20988	20988
CMAUTIMT	cm	20608	20908	20908	20908
	pcmm	15057	15057	15057	-
CMAUTLBC	pcmm	15076	15076	15076	15076
CMAUTLLD	pcmm	15071	15071	15071	15071
CMAUTLPT	pcmm	15073	15073	15073	15073
CMAUUNEXPDI	cm	20808	21108	-	-
CMAUWINFL	cm	20759	21059	21059	21059
CMAUXCBINV	cm	-	-	21084	-
CMAUXMTERR	cm	20696	20996	20996	20996
CMAUXMTS	cm	20623	20923	20923	20923
	pcmm	15065	15065	15065	-
CMAUXTST	cm	20618	20918	20918	20918
CMBADPINDEX	cm	20665	20965	20965	20965
CMBADPKTPTR	cm	20655	20955	20955	20955
CMBADPLINK	cm	20656	20956	20956	20956
CMBADP_PREV	cm	20659	20959	20959	20959
CMBADPRIOR	cm	20666	20966	20966	20966
CMBADPSIZE	cm	20657	20957	20957	20957
CMBADPTYPE	cm	20658	20958	20958	20958
CMBADSEQORDER	cm	20660	20960	20960	20960
CMBADTOPPTR	cm	20661	20961	20961	20961
CMBADUSETYPE	cm	20668	20968	20968	20968
CMBPOFULL	cm	20648	20948	20948	20948
CMBUFERR	cm	20672	20972	20972	20972
CMCCBDDATA	cm	20728	21028	21028	-
CMCCQPHL3IFDERR	cm	20832	-	-	-
CMCCQPHL3INV	cm	20831	-	-	-
CMCKT2PICBNUL	cmram	29389	29689	29689	29539
CMCMKPTABLE	cm	20652	20952	20952	20952
CMCMTHOPCNT	cm	20821	-	-	-
CMCORLLCB	cm	20706	21006	21006	21006
CMDDLDATA	cmram	29384	29684	29684	29534
CMDDLIDLE	cmram	29385	29685	29685	29535
CMDDLDC	cmram	29386	29686	29686	29536
CMDDLDCR	cmram	29378	29678	29678	29528
CMDDLDCG	cmram	29387	29687	29687	29537
CMDDLDPARAM	cmram	29377	29677	29677	29527
CMDDLDPKT	cmram	29379	29679	29679	29529
CMDDLRLCLDATA	cmram	29381	29681	29681	29531
CMDDLRETC	cmram	29380	29680	29680	29530
CMDDLSTATE	cmram	29375	29675	29675	29525
CMDDLTIM	cmram	29376	29676	29676	29526
CMDFREEMSG	cm	20650	20950	20950	20950
CMDLNCOMP	cm	20683	20983	20983	20983

CMEDLCP1	cm	20629	20929	20929	20929
CMEDLCP2	cm	20630	20930	20930	20930
CMERRRCVBUF	cm	20674	20974	20974	20974
CMFAC2RCLNUL	cmram	29388	29688	29688	29538
CMFBADMSG	pcmf	15007	15007	15007	15007
CMFFPCCNT	pcmf	15009	15009	15009	15009
CMFINVDATA	pcmf	15011	15011	15011	15011
CMFINVRET	pcmf	15008	15008	15008	15008
CMFLDPTR	pcmf	15000	15000	15000	15000
CMFLOAD	pcmf	15012	15012	15012	15012
CMFNONCRIT	pcmf	15010	15010	15010	15010
CMFSSOPC	pcmf	15006	15006	15006	15006
CMFTMS1CNT	pcmf	15003	15003	15003	15003
CMFTMS1OPC	pcmf	15002	15002	15002	15002
CMFTMS2CNT	pcmf	15005	15005	15005	15005
CMFTMS2OPC	pcmf	15004	15004	15004	15004
CMFTPBTM	pcmf	15014	15014	15014	15014
CMFUNITS	pcmf	15001	15001	15001	15001
CMFUNLOAD	pcmf	15013	15013	15013	15013
CMHIQEMPTY	cm	20673	20973	20973	20973
CMINPTR	cm	20645	20945	20945	20945
CMINVLST	cm	20714	21014	21014	21014
CMINVMSGTYPE	cm	20667	20967	20967	20967
CMMSGLONG	cm	20671	20971	20971	20971
CMNOICC	cmram	29383	29683	29683	29533
CMNOPKTBUF	cm	20662	20962	20962	20962
CMOPCODE	cm	20646	20946	20946	20946
CMOSDELIVER	cm	20649	20949	20949	20949
CMOSSIGNAL	cmram	29382	29682	29682	29532
CMOUTLLCB	cm	20742	21042	21042	21042
CMOUTPTR	cm	20647	20947	20947	20947
CMPCRID0	cm	20681	20981	20981	20981
CMPGMUPF	cm	20631	20931	20931	20931
CMPKTINTERR	cm	20663	20963	20963	20963
CMPORTID	cm	20651	20951	20951	20951
CMQLOORENDPT	cm	20731	21031	21031	21031
CMQUEUEMSG	cm	20653	20953	20953	20953
CMSAMEMSG	cm	20664	20964	20964	20964
CMSGBYTE	cm	20644	20944	20944	20944
CMSIPBUFERR	cm	20718	21018	21018	21018
CMSIPCALLER	cm	20722	21022	21022	21022
CMSIPRESET	cm	20719	21019	21019	21019
CMSIPSTAT	cm	20721	21021	21021	21021
CMSIPTYPE	cm	20720	21020	21020	21020
CMTOPID	cm	20643	20943	20943	20943
CM_UCIERR	cm	20782	21082	21082	-
CNLMASRT	da	20959	21259	21259	21209
CNSMASRT	da	20958	21258	21258	21208
COBADHEAD	rta	23893	24193	24193	24143
COBADPARM	rta	23891	24191	24191	24141
COCPIMCOST	rta	23902	24202	24202	24152
COCPHOST	rta	23903	24203	24203	24153
CODSLEQUIP	rta	23906	24206	24206	24156
COHMERROR	rta	23904	24204	24204	24154
COIMCOSTAT	rta	23897	24197	24197	24147
COLSTLIST	rta	23894	24194	24194	24144
COMODATT	rta	23899	24199	24199	24149
COPX25LN	rta	23907	24207	24207	24157
COREASON	rta	23890	24190	24190	24140
CORECOSTAT	rta	23900	24200	24200	24150
CORELINK	rta	23896	24196	24196	24146
CORTMHG	rta	23905	24205	24205	24155
COSMASRT	da	21068	21368	21368	21318
COSTCOSTAT	rta	23901	24201	24201	24151
COTHCOSTAT	rta	23898	24198	24198	24148
COTNO1MSG	as	20111	20111	20111	20111
COTNO2MSG	as	20110	20110	20110	20110
COTNODDRD	as	20114	20114	20114	20114
COTNODDWT	as	20115	20115	20115	20115
COTNOOSDS	as	20113	20113	20113	20113
COTNOPAS	as	20117	20117	20117	20117
COTNOPORT	as	20112	20112	20112	20112

COTRGFAIL	rta	23908	24208	24208	24158
COTSANFAIL	as	20116	20116	20116	20116
COTWRGMSG	as	20118	20118	20118	20118

4.10 MNEMONIC INDEX: COUNLINK - CTIMSWRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
COUNLINK	rta	23895	24195	24195	24145
COUXPMSG	rta	23889	24189	24189	24139
COUXPOSR	rta	23892	24192	24192	24142
CPSMASRT	da	20854	21154	21154	21104
CQDBSMASRT	da	20890	21190	21190	21140
CQLMASRT	da	20896	21196	21196	21146
CQSMASRT	da	20855	21155	21155	21105
CRA_1_ASRT	cra	28026	28326	28326	28176
CRA_2_ASRT	cra	28027	28327	28327	28177
CRA_3_ASRT	cra	28028	28328	28328	28178
CRA_4_ASRT	cra	28102	28402	28402	28252
CRA_5_ASRT	cra	28030	28330	28330	28180
CRA_6_ASRT	cra	28103	28403	28403	28253
CRA_7_ASRT	cra	28032	28332	28332	28182
CRA_8_ASRT	cra	28104	28404	28404	28254
CRA_10_ASRT	cra	28105	28405	28405	28255
CRA_11_ASRT	cra	28036	28336	28336	28186
CRA_12_ASRT	cra	28037	28337	28337	28187
CRA_13_ASRT	cra	28038	28338	28338	28188
CRA_14_ASRT	cra	28039	28339	28339	28189
CRA_15_ASRT	cra	28040	28340	28340	28190
CRA_16_ASRT	cra	28041	28341	28341	28191
CRA_20_ASRT	cra	28045	28345	28345	28195
CRA_21_ASRT	cra	28046	28346	28346	28196
CRA_22_ASRT	cra	28047	28347	28347	28197
CRA_23_ASRT	cra	28106	28406	28406	28256
CRA_24_ASRT	cra	28107	28407	28407	28257
CRA_25_ASRT	cra	28108	28408	28408	28258
CRA_26_ASRT	cra	28109	28409	28409	28259
CRA_27_ASRT	cra	28110	28410	28410	28260
CRA_28_ASRT	cra	28053	28353	28353	28203
CRA_29_ASRT	cra	28054	28354	28354	28204
CRA_30_ASRT	cra	28111	28411	28411	28261
CRACRIDX	cra	28043	28343	28343	28193
CRA_FF_BCI	cra	28034	28334	28334	28184
CRAUXDAGT	cra	28080	28380	28380	28230
CRAUXEXRS	cra	28087	28387	28387	28237
CRAUXFARI	cra	28088	28388	28388	28238
CRAUXFATI	cra	28089	28389	28389	28239
CRAUXLOSP	cra	28090	28390	28390	28240
CRAUXOOR	cra	28091	28391	28391	28241
CRAUXUOSP	cra	28092	28392	28392	28242
CRBADARG	cra	28093	28393	28393	28243
CRBCR_NS	cra	28112	28412	28412	28262
CRBNSBILL	cra	28083	28383	28383	28233
CRBNSIDX	cra	28082	28382	28382	28232
CRBQRYCNT	cra	28084	28384	28384	28234
CRDELDYN	cra	28101	28401	28401	28251
CRFRNAMA	cra	28124	-	-	-
CRGETPCBLA	cra	28115	28415	28415	28265
CRINNSBL	cra	28085	28385	28385	28235
CRINSDYN	cra	28094	28394	28394	28244
CRLMASRT	da	20911	21211	21211	-
CRNSBLFRN	cra	28123	-	-	-
CROCRGET	cra	28114	28414	28414	28264
CROSPDAGT	cra	28095	28395	28395	28245
CROSPEXRS	cra	28096	28396	28396	28246
CROSPFARI	cra	28097	28397	28397	28247
CROSPFATI	cra	28098	28398	28398	28248
CRRGLPRM	cra	28099	28399	28399	28249
CRSMASRT	da	21037	21337	21337	21287
CRUGLPRM	cra	28100	28400	28400	28250
CTACCFLGACTDLN	dct	3382	-	-	-
CTACCFLGNOACTDLN	dct	3383	-	-	-

CTACKMSKPMMSGNOBUF	dct	3366	-	-	-
CTACKMSKPMMSGNDFAIL	dct	3310	-	-	-
CTACKOUTOFORD	dct	3336	-	-	-
CTACKSTOUTOFORD	dct	3339	-	-	-
CTACTEVNTFLGNOSET	dct	3379	-	-	-
CTACTEVNTFLGSET	dct	3381	-	-	-
CTADDTUPBREID	ct	33466	-	-	-
CTADSIIENT	ct	33428	33779	33779	33629
CTADSIUMSG	ct	33430	33780	33780	33630
CTADSIURET	ct	33429	-	-	-
CTAMDSAPPMMSGNDFAIL	ct	33537	-	-	-
CTAMRCV3BWRERR	ct	33574	-	-	-
CTAMRDCMPLMSGFAIL	ct	33552	-	-	-
CTAMTCAPMSGNDFAIL	ct	33535	-	-	-
CTAMTOUP_BAD	ct	-	33770	33770	33620
CTAMTOUP_BAD1	ct	33500	-	-	-
CTAMTOUP_BAD2	ct	33501	-	-	-
CTAMTOUP_BAD3	ct	33502	-	-	-
CTAMTSMSGNDFAIL	ct	33538	-	-	-
CTAPP_BREL	ct	33446	-	-	-
CTAPPOORINDX	ct	33483	-	-	-
CTAPPRCCMPMSGFAIL	ct	33472	-	-	-
CTAPPRCMSGSNDFAIL	ct	33440	-	-	-
CTAPPTPLBADRCOPER	ct	33484	-	-	-
CTAPPTPLNOTFNDBADRCOPER	ct	33485	-	-	-
CTBADDATA	ct	33514	33764	33764	33614
CTBADDLTRG	ct	33427	33762	33762	33612
CTBADDLNMTP	dct	3372	3301	3301	3301
CTBADIPMTYP	dct	3331	3296	3296	3296
CTBADMSTYP	dct	-	3277	3277	3277
CTBADPAGE	dct	-	3327	3327	3327
CTBADPAGEADDR	dct	3282	-	-	-
CTBADPAGEPOKE	dct	3280	-	-	-
CTBADPAGEUNEQ	dct	3281	-	-	-
CTBADRETCODE1	ct	33497	-	-	-
CTBADRETCODE2	ct	33498	-	-	-
CTBADRNA	dct	-	3292	3292	3292
CTBADRNALNUPD	dct	3287	-	-	-
CTBADRNARCNCL	dct	3412	-	-	-
CTBADRNARDLKF	dct	3410	-	-	-
CTBADRNARFREQ	dct	3411	-	-	-
CTBADRNARINET	dct	3413	-	-	-
CTBADRNARTTASK	dct	3409	-	-	-
CTBADRNARXNET	dct	3414	-	-	-
CTBLKAPPMMSGINVRET	ct	33532	-	-	-
CTBLKOSDSMSGINVRET	ct	33533	-	-	-
CTCCIS6MSGSS7LNKCNG	dct	3397	-	-	-
CTCCIS6MSGSS7LNKCNGEND	dct	3398	-	-	-
CTCCIS6MSGSS7OFF	dct	3399	-	-	-
CTCHGWBUF	ct	-	33758	33758	33608
CTCHIOCTL	ct	-	33757	33757	33607
CTCHKOPEN	ct	-	33756	33756	33606
CTCHRECV	ct	-	33759	33759	33609
CTCHXMIT	ct	-	33760	33760	33610
CTCLASS_BAD	ct	-	33766	33766	33616
CTCLASS_BAD1	ct	33503	-	-	-
CTCLASS_BAD2	ct	33504	-	-	-
CTCMKPPRTIDFAIL	dct	3302	-	-	-
CTCMOPFL	dct	3374	3316	3316	3316
CTCMPLAB7_BREL	ct	33445	-	-	-
CTCN7UPDNOSS7LNK	dct	3405	-	-	-
CTCNOBUF	dct	-	3290	3290	3290
CTDATAINMEMMSGOUTOFORD	dct	3337	-	-	-
CTDBADMSG	dct	-	3293	3293	3293
CTDBHRNF3BRDERR	ct	33587	-	-	-
CTDBHWNF3BRDERR	ct	33586	-	-	-
CTDBLAB6_BAD	ct	-	33767	33767	33617
CTDBLAB7_BAD	ct	-	33797	33797	33647
CTDBPCI_BAD	ct	-	33769	33769	33619
CTDBRDFAIL	dct	-	3304	3304	3304
CTDBTC_AP	ct	-	33801	33801	33651
CTDBTC_SS	ct	-	33802	33802	33652

CTDDBENTRY	ct	33475	33785	33785	33635
CTDDBINIT	ct	-	33786	33786	33636
CTDDBMPRO	ct	33494	33787	33787	33637
CTDDBMSG	ct	33476	33788	33788	33638
CTDDBOPER	ct	-	33789	33789	33639
CTDDBRCMP	ct	-	33790	33790	33640
CTDDBRELID	ct	-	33791	33791	33641
CTDDBUNPRO	ct	33493	33792	33792	33642
CTDDCNINITFAIL	dct	3285	-	-	-
CTDDCNIMININITFAIL	dct	3286	-	-	-
CTDDCNIMINMFAIL	dct	3284	-	-	-
CTDDDFAIL	dct	-	3294	3294	3294
CTDDDLNFAIL	dct	3289	3335	3335	3335
CTDDRDERR	ct	33505	33808	33808	33658
CTDDRERR	dct	-	3280	3280	3280
CTDDRERRCNIINIT	dct	3430	-	-	-
CTDDRERRMINMODE	dct	3431	-	-	-
CTDDWERR	dct	-	3279	3279	3279
CTDDWERR1	dct	3354	-	-	-
CTDDWERR2	dct	3355	-	-	-
CTDDWERR3	dct	3356	-	-	-
CTDDWERR4	dct	3357	-	-	-
CTDDWERR5	dct	3358	-	-	-
CTDDWERR6	dct	3359	-	-	-
CTDDWERR7	dct	3360	-	-	-
CTDDWERR8	dct	3361	-	-	-
CTDDWERR9	dct	3362	-	-	-
CTDDWERR10	dct	3363	-	-	-
CTDDWERR11	dct	3364	-	-	-
CTDDWERR12	dct	3365	-	-	-
CTDEVTACK	dct	3349	3314	3314	3314
CTDIRSIGCHOPENFAIL	ct	33518	-	-	-
CTDIRSIGCHSETFAIL	ct	33507	-	-	-
CTDLNCHGACKNODLNOFF	dct	3400	-	-	-
CTDLNDBSSNINSFAIL	ct	33464	-	-	-
CTDLNDBSSNOOSFAIL	ct	33463	-	-	-
CTDLNDSAPPMMSGSNDFAIL	ct	33555	-	-	-
CTDLNERRMSGUNXSIL	dct	3305	-	-	-
CTDLNINV	ct	33570	33805	33805	33655
CTDLNMEMINITREPRFAIL	ct	33492	-	-	-
CTDLNMEMINITUNPRFAIL	ct	33491	-	-	-
CTDLNPMPACKNODLNOFF	dct	3401	-	-	-
CTDLNPMPBRELID	ct	33467	-	-	-
CTDLNPMPCMPMSGFAIL	ct	33471	-	-	-
CTDLNPMPNODLNOFF	dct	3402	-	-	-
CTDLNQERRNODLNOFF	dct	3404	-	-	-
CTDLNSTRTSCNNODLNOFF	dct	3403	-	-	-
CTDLNTCAPMSGSNDFAIL	ct	33536	-	-	-
CTDLNTSMMSGSNDFAIL	ct	33556	-	-	-
CTDMAWRK3BRDERR	ct	33579	-	-	-
CTDMERTFAIL	dct	3276	3331	3331	3331
CTDNOBUF	dct	-	3281	3281	3281
CTDPUMPTO	dct	3415	3315	3315	3315
CTDSAPPREADFAIL1	ct	33525	-	-	-
CTDSAPPREADFAIL2	ct	33526	-	-	-
CTDSAPPREADFAIL3	ct	33546	-	-	-
CTDSAPPREADFAIL4	ct	33547	-	-	-
CTDSAPPSSNISFAIL1	ct	33524	-	-	-
CTDSAPPSSNISFAIL2	ct	33553	-	-	-
CTDSICRPT	ct	-	33781	33781	33631
CTDSIFRBUFCRPT	ct	33437	-	-	-
CTDSIIENT	ct	33432	33782	33782	33632
CTDSIINSRC	ct	33435	33783	33783	33633
CTDSISND	ct	33431	33799	33799	33649
CTDSIULBUFCRPT	ct	33436	-	-	-
CTDSIURET	ct	33433	-	-	-
CTDSIUSG	ct	33434	33784	33784	33634
CTDSSSNREADFAIL1	ct	33528	-	-	-
CTDSSSNREADFAIL2	ct	33529	-	-	-
CTDSSSNREADFAIL3	ct	33544	-	-	-
CTDTACKCNIBUFERR	ct	33559	-	-	-
CTDTWATTFAIL	dct	3275	3330	3330	3330

CTECPCCNIBUFERR	ct	33557	-	-	-
CTEPCMSDSNDFAIL	ct	33554	-	-	-
CTEMPTYLAB7BADRCOPER	ct	33477	-	-	-
CTEMPTYPCIBADRCOPER	ct	33480	-	-	-
CTERRRPTCNIBUFERR	ct	33562	-	-	-
CTFREETUPBREID	ct	33465	-	-	-
CTFSTTPDBRDFAIL	dct	3333	-	-	-
CTGETBFAIL	dct	-	3299	3299	3299
CTGETBFAIL2TRY	dct	3422	-	-	-
CTGETBFAILDEF	dct	3423	-	-	-
CTGLDATA	dct	-	3311	3311	3311
CTGLDLNEQ	dct	3352	3302	3302	3302
CTGLDLNEQNODLN	dct	3353	-	-	-
CTGRWQINV	dct	3386	3306	3306	3306
CTGRWQTO	dct	3419	3307	3307	3307
CTHBACKCNIBUFERR	ct	33558	-	-	-
CTHBLLMPROB	dct	-	3320	3320	3320
CTHBNACT	dct	-	3321	3321	3321
CTHBNMSCU	dct	-	3326	3326	3326
CTHBTOFAIL	dct	-	3322	3322	3322
CTHDRFAIL	dct	-	3300	3300	3300
CTHDRFAIL2TRY	dct	3424	-	-	-
CTHDRFAILDEF	dct	3425	-	-	-
CTIMS3BRD	ct	-	33771	33771	33621
CTIMS3BWT	ct	-	33772	33772	33622
CTIMSBFR	ct	33569	33773	33773	33623
CTIMSOPEN	ct	33567	33774	33774	33624
CTIMSWRT	ct	-	33775	33775	33625

4.11 MNEMONIC INDEX: CTINCMFAIL - CZSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
CTINCMFAIL	dct	-	3276	3276	3276
CTINCMFAIL1	dct	3438	-	-	-
CTINCMFAIL2	dct	3439	-	-	-
CTINCMFAIL3	dct	3440	-	-	-
CTINCMFAIL4	dct	3441	-	-	-
CTINCMFAIL5	dct	3442	-	-	-
CTINCMFAIL6	dct	3443	-	-	-
CTINCMFAIL7	dct	3444	-	-	-
CTINCMFAIL8	dct	3445	-	-	-
CTINCMFAIL9	dct	3446	-	-	-
CTINCMFAIL10	dct	3447	-	-	-
CTINCMFAIL11	dct	3448	-	-	-
CTINCMFAIL12	dct	3449	-	-	-
CTINCMFAIL13	dct	3450	-	-	-
CTINCMFAIL14	dct	3451	-	-	-
CTINITRPTOUTOFORD	dct	3338	-	-	-
CTINVCCTYPE	dct	3278	3332	3332	3332
CTINVCNMSG	dct	-	3288	3288	3288
CTINVDDBIT	dct	3290	3336	3336	3336
CTINVDEVT	dct	-	3313	3313	3313
CTINVDLN	dct	3407	3308	3308	3308
CTINVDLNQ0ST	dct	3387	-	-	-
CTINVDLNQ1ST	dct	3388	-	-	-
CTINVDPMP	dct	3332	3310	3310	3310
CTINVDSIGST	dct	3291	3337	3337	3337
CTINVDST	dct	3384	3305	3305	3305
CTINVEVNT	dct	-	3282	3282	3282
CTINVFLT	dct	3432	3291	3291	3291
CTINVLKMJ	dct	3288	3328	3328	3328
CTINVLNGMSGRECV	ct	33531	-	-	-
CTINVMLTLATAAPPL	ct	33489	-	-	-
CTINVMSGTYPE	dct	3279	3333	3333	3333
CTINVOSDSDLTRMSG	ct	33541	-	-	-
CTINVOSPSTADLTRMSG	ct	33540	-	-	-
CTINVQST	dct	-	3312	3312	3312
CTINVRANGERET	dct	-	3334	3334	3334
CTINVREL	dct	3385	3303	3303	3303
CTINVRETCODE	ct	33499	-	-	-
CTINVSGN	dct	3389	3309	3309	3309

CTINVSIGST	dct	3277	3329	3329	3329
CTINVSSNAPPTYPE	ct	33545	-	-	-
CTINVTCAPST	dct	3293	3339	3339	3339
CTINVTMRTAG	ct	33539	-	-	-
CTINVTSIGST	dct	3292	3338	3338	3338
CTIOCTLFAIL	dct	3322	3287	3287	3287
CTIPMHD	ct	33509	33776	33776	33626
CTKEVNTUNKEVNT	dct	3428	-	-	-
CTLAB6PCI	ct	-	33798	33798	33648
CTLAB6RCCMPMSGFAIL	ct	33468	-	-	-
CTLAB7RCCMPMSGFAIL	ct	33469	-	-	-
CTLAB7RCMSGSENDFAIL	ct	33443	-	-	-
CTLAB7READERR1	ct	33512	-	-	-
CTLAB7READERR2	ct	33513	-	-	-
CTLAB7TPLBADRCOPER	ct	33479	-	-	-
CTLAB7TPLNOTFNDBADRCOPER	ct	33478	-	-	-
CTLLMRNF3BRDERR	ct	33584	-	-	-
CTLMASRT	da	21032	21332	21332	21282
CTMG_BAD	ct	-	33755	33755	33605
CTMGPMSTMSGSENDFAIL	dct	3313	-	-	-
CTMLTL_BREL	ct	33448	-	-	-
CTMLTLINVRCONPER	ct	33490	-	-	-
CTMLTLRCCMPMSGFAIL	ct	33474	-	-	-
CTMLTLRCMSGSENDFAIL	ct	33442	-	-	-
CT_MSGBAD	ct	-	33806	33806	33656
CTMSGQFAIL	ct	33426	33761	33761	33611
	dct	3275	3275	3275	-
CTNDLNACK	dct	-	3317	3317	3317
CTNDLNACKCONDRMV	dct	3437	-	-	-
CTNDLNACKPHASE	dct	3433	-	-	-
CTNDLNACKRMV	dct	3434	-	-	-
CTNDLNACKRST	dct	3435	-	-	-
CTNDLNACKSTCHG	dct	3436	-	-	-
CTNOACTDLN	dct	-	3323	3323	3323
CTNOACTDLNCONDRMV	dct	3351	-	-	-
CTNOACTDLNRST	dct	3350	-	-	-
CTNOAPP_DLNMSG	ct	33453	-	-	-
CTNOBFR	ct	33438	33793	33793	33643
CTNOBUF	ct	33425	33763	33763	33613
CTNODLNMSG	ct	-	33800	33800	33650
CTNODSBUF	ct	33522	-	-	-
CTNOLAB7_DLNMSG	ct	33454	-	-	-
CTNOMLTL_DLNMSG	ct	33451	-	-	-
CTNOOSDSBUF	ct	33520	-	-	-
CTNOPCI_DLNMSG	ct	33456	-	-	-
CTNOQUE	ct	33439	33794	33794	33644
CTNOSSN_DLNMSG	ct	33452	-	-	-
CTNOTCAPBUF	ct	33521	-	-	-
CTNOTCM2	dct	3373	3319	3319	3319
CTNOTIMER	dct	3408	3278	3278	3278
CTNOTSBUF	ct	33523	-	-	-
CTNOTSMMSG	ct	33511	-	-	-
CTOFLBUNXMSGACTV	dct	3294	-	-	-
CTOKPLAB7_BREL	ct	33450	-	-	-
CTOLBDLNPRTFail	dct	3301	-	-	-
CTOLBDLNUNXRC	dct	3303	-	-	-
CTOLBRESPMSGDNDFAIL	dct	3309	-	-	-
CTOLBRESPNOMSGBUF	dct	3306	-	-	-
CTOPENFAIL	dct	-	3286	3286	3286
CTOPENFAIL1	dct	3318	-	-	-
CTOPENFAIL2	dct	3319	-	-	-
CTOPENFAIL3	dct	3320	-	-	-
CTOPENFAIL4	dct	3321	-	-	-
CTOS_BAD	ct	-	33765	33765	33615
CTOSDSCHOPENFAIL1	ct	33517	-	-	-
CTOSDSCHOPENFAIL2	ct	33519	-	-	-
CTOSDSCHSETFAIL1	ct	33506	-	-	-
CTOSDSCHSETFAIL2	ct	33508	-	-	-
CTOSDSMSGSENDFAIL	ct	33534	-	-	-
CTOUTOFORD	dct	-	3297	3297	3297
CTOVLNCGCNIBUFERR	ct	33564	-	-	-
CTPCI_BREL	ct	33449	-	-	-

CTPCIRCCMPMSGFAIL	ct	33470	-	-	-
CTPCIRCMSGSNDFAIL	ct	33444	-	-	-
CTPCIREADERR1	ct	33515	-	-	-
CTPCIREADERR2	ct	33516	-	-	-
CTPCITPLBADRCOPER	ct	33482	-	-	-
CTPCITPLNOTFNDBADRCOPER	ct	33481	-	-	-
CTPMPDNCNIBUFERR	ct	33560	-	-	-
CTPMPHDRWRTER	ct	33575	-	-	-
CTPORTFAIL	dct	-	3283	3283	3283
CTQ0HRNF3BRDERR	ct	33580	-	-	-
CTQ0HWNF3BWRTER	ct	33578	-	-	-
CTQ0RDNF3BRDERR	ct	33585	-	-	-
CTQ0WRNF3BWRTER	ct	33576	-	-	-
CTQ1HRNF3BRDERR	ct	33581	-	-	-
CTQ1WRNF3BWRTER	ct	33577	-	-	-
CTR7UPUNKMSGTYPE	dct	3406	-	-	-
CTRCMKPOPENMSGSNDFAIL	dct	3312	-	-	-
CTRCMKPOPENNOBUF	dct	3368	-	-	-
CTRCONFTMRNOSET	dct	3378	-	-	-
CTRCONFTMRSET	dct	3380	-	-	-
CTRCONFTO	dct	3420	3318	3318	3318
CTRCSSNINSFAIL	ct	33459	-	-	-
CTRCSSNOOSFAIL	ct	33458	-	-	-
CTRDISPLAYMSGSNDFAIL	dct	3315	-	-	-
CTRDISPLAYNOMSGBUF	dct	3308	-	-	-
CTRDNLNCONFREJECT	dct	3376	-	-	-
CTRDNLNRDLBADMSGTYPE	dct	3295	-	-	-
CTRDPCMSGNOBUF	dct	3371	-	-	-
CTRDPCMSGSNDFAIL	dct	3317	-	-	-
CTREADFAIL	dct	-	3285	3285	3285
CTREADFAILBADCHAN	dct	3393	-	-	-
CTREADFAILDEF	dct	3391	-	-	-
CTREADFAILIPRTN	dct	3394	-	-	-
CTREADFAILIPSM	dct	3392	-	-	-
CTREPRINVRET	ct	33496	-	-	-
CTRETCODE_BAD	ct	-	33768	33768	33618
CTRGRWQACKBADMSGTYPE	dct	3296	-	-	-
CTRMVACTINVDLNEVNT	dct	3341	-	-	-
CTRMVDLNREJECT	dct	3375	-	-	-
CTRMVNACTINVDLNEVNT	dct	3344	-	-	-
CTRNAINC	dct	3418	3324	3324	3324
CTRNAINCSTRTSCN	dct	3417	-	-	-
CTRNAINCSTRTSWTCH	dct	3416	-	-	-
CTRNBOFV	ct	-	33778	33778	33628
CTROPFAIL	ct	33460	-	-	-
CTROPQUEOVFL	ct	33462	-	-	-
CTROPTRY2FAIL	ct	33461	-	-	-
CTRRCVIMSWRTER	ct	33571	-	-	-
CTRREADMSGSSUNKMSGTYPE	dct	3395	-	-	-
CTRSENDGRWMSGSNDFAIL	dct	3314	-	-	-
CTRSENDGRWNOMSGBUF	dct	3307	-	-	-
CTRSMPKERRNOBUF	dct	3367	-	-	-
CTRSMPKERRMSGSNDFAIL	dct	3311	-	-	-
CTRSSDCMSGNOBUF	dct	3370	-	-	-
CTRSSDCMSGSNDFAIL	dct	3316	-	-	-
CTRSTINVDLNEVNT	dct	3342	-	-	-
CTRSTRTFAIL	dct	3390	3325	3325	3325
CTRSTRTSCNREJECT	dct	3377	-	-	-
CTRSWCMPUNXDLNSW	dct	3304	-	-	-
CTRTRREQBADMSGHDRTYPE	dct	3297	-	-	-
CTRTRREQBADTTYTYPE	dct	3298	-	-	-
CTRTTYBADMSGTYPE	dct	3300	-	-	-
CTRWTFNIMSWRTER	ct	33572	-	-	-
CTSCSTPDRRDFAIL	dct	3334	-	-	-
CTSMASRT	da	21031	21331	21331	21281
CTSMBMPNF3BRDERR	ct	33582	-	-	-
CTSMOUTNF3BRDERR	ct	33583	-	-	-
CTSDMGPMSTNOBUF	dct	3369	-	-	-
CTSPARE	dct	3324	-	-	-
CTSPARE1	dct	3327	-	-	-
CTSPPCNIBUFERR	ct	33566	-	-	-
CTSS7MSGCCIS6OFF	dct	3396	-	-	-

CTSSN_BREL	ct	33447	-	-	-
CTSSNIS	ct	-	33803	33803	33653
CTSSNOORINDX	ct	33486	-	-	-
CTSSNOOS	ct	-	33804	33804	33654
CTSSNRCCMPMSGFAIL	ct	33473	-	-	-
CTSSNRMSGSNDFAIL	ct	33441	-	-	-
CTSSNTPLBADRCOPER	ct	33487	-	-	-
CTSSNTPLNOTFNDBADRCOPER	ct	33488	-	-	-
CTSTATESTATUSDIF	dct	3429	-	-	-
CTSTBYDLN_LAB7MSGFAIL	ct	33455	-	-	-
CTSTBYDLN_PCIMSGFAIL	ct	33457	-	-	-
CTSTRACKCNIBUFERR	ct	33561	-	-	-
CTSTSMSGTIMEOUT	dct	3340	-	-	-
CTSTTRMSGOUTOFORD	dct	3335	-	-	-
CTSWUPDACKCNIBUFERR	ct	33565	-	-	-
CTSWUPDCNIBUFERR	ct	33563	-	-	-
CTTCBLEN	ct	-	33807	33807	33657
CTTRIG_BREL	ct	-	33795	33795	33645
CTTRIG_ROP	ct	-	33796	33796	33646
CTTRSPENT	ct	33568	33777	33777	33627
CTUKCOND	dct	-	3295	3295	3295
CTUKSPEED	dct	-	3289	3289	3289
CTUKSPEEDLKCNG	dct	3427	-	-	-
CTUKSPEEDLNKAVL	dct	3426	-	-	-
CTUKTASK	dct	3421	3298	3298	3298
CTUNEXPMSG	ct	33510	-	-	-
CTUNIXRTRBADMSGTYPE	dct	3299	-	-	-
CTUNKCMOSDSMSG	ct	33527	-	-	-
CTUNKNDESTMSG	ct	33543	-	-	-
CTUNKNDLNEVNT1	dct	3343	-	-	-
CTUNKNDLNEVNT2	dct	3345	-	-	-
CTUNKNDLNEVNT3	dct	3346	-	-	-
CTUNKNDLNEVNT4	dct	3347	-	-	-
CTUNKNDLNEVNT5	dct	3348	-	-	-
CTUNKPDESTMSG	ct	33549	-	-	-
CTUNPRINVRET	ct	33495	-	-	-
CTUNXPIPMMSGTYPE	ct	33550	-	-	-
CTUNXPNPCKTMSGTYPE	ct	33551	-	-	-
CTUNXPPCKTMSGTYPE	ct	33548	-	-	-
CTUNXPRETURN	dct	3283	-	-	-
CTUNXRRCVMSG	ct	33542	-	-	-
CTWRITEFAIL	dct	-	3284	3284	3284
CTWRITEFAIL1	dct	3323	-	-	-
CTWRITEFAIL3	dct	3325	-	-	-
CTWRITEFAIL4	dct	3326	-	-	-
CTWRITEFAIL6	dct	3328	-	-	-
CTWRITEFAIL7	dct	3329	-	-	-
CTWRITEFAIL8	dct	3330	-	-	-
CTWRTAM3BWRTER	ct	33573	-	-	-
CTZEROLNGMSGRECV	ct	33530	-	-	-
CUSMASRT	da	21115	-	-	-
CVLMASRT	da	20973	21273	21273	21223
CVSMASRT	da	20976	21276	21276	21226
CZLMASRT	da	20979	21279	21279	21229
CZSMASRT	da	20980	21280	21280	21230

4.12 MNEMONIC INDEX: D6SMASRT - DBAC0299

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
D6SMASRT	da	21072	21372	21372	21322
DAANILHB	fc	21894	22194	22194	22144
DAANOLHB	fc	21896	22196	22196	22146
DAISILHB	fc	21895	22195	22195	22145
DAISOLHB	fc	21897	22197	22197	22147
DALMASRT	da	20909	21209	21209	21159
DASMASRT	da	20901	21201	21201	21151
DB2MNYFL	db	40275	40875	40875	40875
DBAC0000	db	40000	40600	40600	40600
DBAC0001	db	40001	40601	40601	40601
DBAC0007	db	40007	40607	40607	40607
DBAC0008	db	40008	40608	40608	40608

DBAC0009	db	40009	40609	40609	40609
DBAC0010	db	40010	40610	40610	40610
DBAC0011	db	40011	40611	40611	40611
DBAC0012	db	40012	40612	40612	40612
DBAC0013	db	40013	40613	40613	40613
DBAC0014	db	40014	40614	40614	40614
DBAC0015	db	40015	40615	40615	40615
DBAC0016	db	40016	40616	40616	40616
DBAC0017	db	40017	40617	40617	40617
DBAC0018	db	40018	40618	40618	40618
DBAC0019	db	40019	40619	40619	40619
DBAC0020	db	40020	40620	40620	40620
DBAC0021	db	40021	40621	40621	40621
DBAC0022	db	40022	40622	40622	40622
DBAC0023	db	40023	40623	40623	40623
DBAC0024	db	40024	40624	40624	40624
DBAC0025	db	40025	40625	40625	40625
DBAC0026	db	40026	40626	40626	40626
DBAC0027	db	40027	40627	40627	40627
DBAC0028	db	40028	40628	40628	40628
DBAC0029	db	40029	40629	40629	40629
DBAC0030	db	40030	40630	40630	40630
DBAC0031	db	40031	40631	40631	40631
DBAC0032	db	40032	40632	40632	40632
DBAC0033	db	40033	40633	40633	40633
DBAC0034	db	40034	40634	40634	40634
DBAC0035	db	40035	40635	40635	40635
DBAC0036	db	40036	40636	40636	40636
DBAC0037	db	40037	40637	40637	40637
DBAC0038	db	40038	40638	40638	40638
DBAC0039	db	40039	40639	40639	40639
DBAC0040	db	40040	40640	40640	40640
DBAC0041	db	40041	40641	40641	40641
DBAC0042	db	40042	40642	40642	40642
DBAC0043	db	40043	40643	40643	40643
DBAC0044	db	40044	40644	40644	40644
DBAC0045	db	40045	40645	40645	40645
DBAC0047	db	40047	40647	40647	40647
DBAC0048	db	40048	40648	40648	40648
DBAC0049	db	40049	40649	40649	40649
DBAC0050	db	40050	40650	40650	40650
DBAC0051	db	40051	40651	40651	40651
DBAC0052	db	40052	40652	40652	40652
DBAC0053	db	40053	40653	40653	40653
DBAC0054	db	40054	40654	40654	40654
DBAC0055	db	40055	40655	40655	40655
DBAC0056	db	40056	40656	40656	40656
DBAC0057	db	40057	40657	40657	40657
DBAC0058	db	40058	40658	40658	40658
DBAC0059	db	40059	40659	40659	40659
DBAC0060	db	40060	40660	40660	40660
DBAC0061	db	40061	40661	40661	40661
DBAC0062	db	40062	40662	40662	40662
DBAC0063	db	40063	40663	40663	40663
DBAC0064	db	40064	40664	40664	40664
DBAC0065	db	40065	40665	40665	40665
DBAC0066	db	40066	40666	40666	40666
DBAC0067	db	40067	40667	40667	40667
DBAC0068	db	40068	40668	40668	40668
DBAC0069	db	40069	40669	40669	40669
DBAC0070	db	40070	40670	40670	40670
DBAC0071	db	40071	40671	40671	40671
DBAC0072	db	40072	40672	40672	40672
DBAC0073	db	40073	40673	40673	40673
DBAC0074	db	40074	40674	40674	40674
DBAC0075	db	40075	40675	40675	40675
DBAC0076	db	40076	40676	40676	40676
DBAC0077	db	40077	40677	40677	40677
DBAC0078	db	40078	40678	40678	40678
DBAC0079	db	40079	40679	40679	40679
DBAC0080	db	40080	40680	40680	40680
DBAC0081	db	40081	40681	40681	40681

DBAC0082	db	40082	40682	40682	40682
DBAC0083	db	40083	40683	40683	40683
DBAC0084	db	40084	40684	40684	40684
DBAC0085	db	40085	40685	40685	40685
DBAC0086	db	40086	40686	40686	40686
DBAC0087	db	40087	40687	40687	40687
DBAC0089	db	40089	40689	40689	40689
DBAC0090	db	40090	40690	40690	40690
DBAC0091	db	40091	40691	40691	40691
DBAC0092	db	40092	40692	40692	40692
DBAC0093	db	40093	40693	40693	40693
DBAC0094	db	40094	40694	40694	40694
DBAC0095	db	40095	40695	40695	40695
DBAC0096	db	40096	40696	40696	40696
DBAC0097	db	40097	40697	40697	40697
DBAC0098	db	40098	40698	40698	40698
DBAC0099	db	40099	40699	40699	40699
DBAC0100	db	40100	40700	40700	40700
DBAC0101	db	40101	40701	40701	40701
DBAC0102	db	40102	40702	40702	40702
DBAC0103	db	40103	40703	40703	40703
DBAC0104	db	40104	40704	40704	40704
DBAC0105	db	40105	40705	40705	40705
DBAC0106	db	40106	40706	40706	40706
DBAC0107	db	40107	40707	40707	40707
DBAC0108	db	40108	40708	40708	40708
DBAC0109	db	40109	40709	40709	40709
DBAC0110	db	40110	40710	40710	40710
DBAC0111	db	40111	40711	40711	40711
DBAC0112	db	40112	40712	40712	40712
DBAC0113	db	40113	40713	40713	40713
DBAC0114	db	40114	40714	40714	40714
DBAC0115	db	40115	40715	40715	40715
DBAC0116	db	40116	40716	40716	40716
DBAC0117	db	40117	40717	40717	40717
DBAC0118	db	40118	40718	40718	40718
DBAC0119	db	40119	40719	40719	40719
DBAC0120	db	40120	40720	40720	40720
DBAC0121	db	40121	40721	40721	40721
DBAC0122	db	40122	40722	40722	40722
DBAC0124	db	40124	40724	40724	40724
DBAC0125	db	40125	40725	40725	40725
DBAC0126	db	40126	40726	40726	40726
DBAC0128	db	40128	40728	40728	40728
DBAC0129	db	40129	40729	40729	40729
DBAC0130	db	40130	40730	40730	40730
DBAC0131	db	40131	40731	40731	40731
DBAC0132	db	40132	40732	40732	40732
DBAC0133	db	40133	40733	40733	40733
DBAC0134	db	40134	40734	40734	40734
DBAC0135	db	40135	40735	40735	40735
DBAC0136	db	40136	40736	40736	40736
DBAC0137	db	40137	40737	40737	40737
DBAC0138	db	40138	40738	40738	40738
DBAC0139	db	40139	40739	40739	40739
DBAC0140	db	40140	40740	40740	40740
DBAC0141	db	40141	40741	40741	40741
DBAC0142	db	40142	40742	40742	40742
DBAC0143	db	40143	40743	40743	40743
DBAC0144	db	40144	40744	40744	40744
DBAC0145	db	40145	40745	40745	40745
DBAC0146	db	40146	40746	40746	40746
DBAC0147	db	40147	40747	40747	40747
DBAC0148	db	40148	40748	40748	40748
DBAC0149	db	40149	40749	40749	40749
DBAC0150	db	40150	40750	40750	40750
DBAC0151	db	40151	40751	40751	40751
DBAC0152	db	40152	40752	40752	40752
DBAC0153	db	40153	40753	40753	40753
DBAC0154	db	40154	40754	40754	40754
DBAC0155	db	40155	40755	40755	40755
DBAC0156	db	40156	40756	40756	40756

DBAC0157	db	40157	40757	40757	40757
DBAC0158	db	40158	40758	40758	40758
DBAC0159	db	40159	40759	40759	40759
DBAC0160	db	40160	40760	40760	40760
DBAC0161	db	40161	40761	40761	40761
DBAC0162	db	40162	40762	40762	40762
DBAC0163	db	40163	40763	40763	40763
DBAC0164	db	40164	40764	40764	40764
DBAC0165	db	40165	40765	40765	40765
DBAC0166	db	40166	40766	40766	40766
DBAC0167	db	40167	40767	40767	40767
DBAC0168	db	40168	40768	40768	40768
DBAC0169	db	40169	40769	40769	40769
DBAC0170	db	40170	40770	40770	40770
DBAC0171	db	40171	40771	40771	40771
DBAC0172	db	40172	40772	40772	40772
DBAC0173	db	40173	40773	40773	40773
DBAC0174	db	40174	40774	40774	40774
DBAC0175	db	40175	40775	40775	40775
DBAC0176	db	40176	40776	40776	40776
DBAC0177	db	40177	40777	40777	40777
DBAC0178	db	40178	40778	40778	40778
DBAC0179	db	40179	40779	40779	40779
DBAC0180	db	40180	40780	40780	40780
DBAC0181	db	40181	40781	40781	40781
DBAC0182	db	40182	40782	40782	40782
DBAC0183	db	40183	40783	40783	40783
DBAC0184	db	40184	40784	40784	40784
DBAC0185	db	40185	40785	40785	40785
DBAC0186	db	40186	40786	40786	40786
DBAC0187	db	40187	40787	40787	40787
DBAC0188	db	40188	40788	40788	40788
DBAC0189	db	40189	40789	40789	40789
DBAC0190	db	40190	40790	40790	40790
DBAC0191	db	40191	40791	40791	40791
DBAC0192	db	40192	40792	40792	40792
DBAC0193	db	40193	40793	40793	40793
DBAC0194	db	40194	40794	40794	40794
DBAC0195	db	40195	40795	40795	40795
DBAC0196	db	40196	40796	40796	40796
DBAC0197	db	40197	40797	40797	40797
DBAC0200	db	40200	40800	40800	40800
DBAC0201	db	40201	40801	40801	40801
DBAC0202	db	40202	40802	40802	40802
DBAC0203	db	40203	40803	40803	40803
DBAC0204	db	40204	40804	40804	40804
DBAC0205	db	40205	40805	40805	40805
DBAC0207	db	40207	40807	40807	40807
DBAC0208	db	40208	40808	40808	40808
DBAC0209	db	40209	40809	40809	40809
DBAC0210	db	40210	40810	40810	40810
DBAC0211	db	40211	40811	40811	40811
DBAC0212	db	40212	40812	40812	40812
DBAC0213	db	40213	40813	40813	40813
DBAC0214	db	40214	40814	40814	40814
DBAC0215	db	40215	40815	40815	40815
DBAC0219	db	40219	40819	40819	40819
DBAC0226	db	40226	40826	40826	40826
DBAC0227	db	40227	40827	40827	40827
DBAC0228	db	40228	40828	40828	40828
DBAC0229	db	40229	40829	40829	40829
DBAC0230	db	40230	40830	40830	40830
DBAC0231	db	40231	40831	40831	40831
DBAC0232	db	40232	40832	40832	40832
DBAC0233	db	40233	40833	40833	40833
DBAC0234	db	40234	40834	40834	40834
DBAC0235	db	40235	40835	40835	40835
DBAC0236	db	40236	40836	40836	40836
DBAC0237	db	40237	40837	40837	40837
DBAC0238	db	40238	40838	40838	40838
DBAC0239	db	40239	40839	40839	40839
DBAC0240	db	40240	40840	40840	40840

DBAC0241	db	40241	40841	40841	40841
DBAC0243	db	40243	40843	40843	40843
DBAC0244	db	40244	40844	40844	40844
DBAC0245	db	40245	40845	40845	40845
DBAC0246	db	40246	40846	40846	40846
DBAC0247	db	40247	40847	40847	40847
DBAC0248	db	40248	40848	40848	40848
DBAC0249	db	40249	40849	40849	40849
DBAC0258	db	40258	40858	40858	40858
DBAC0259	db	40259	40859	40859	40859
DBAC0260	db	40260	40860	40860	40860
DBAC0282	db	40282	40882	40882	40882
DBAC0283	db	40283	40883	40883	40883
DBAC0284	db	40284	40884	40884	40884
DBAC0285	db	40285	40885	40885	40885
DBAC0286	db	40286	40886	40886	40886
DBAC0287	db	40287	40887	40887	40887
DBAC0288	db	40288	40888	40888	40888
DBAC0289	db	40289	40889	40889	40889
DBAC0290	db	40290	40890	40890	40890
DBAC0291	db	40291	40891	40891	40891
DBAC0292	db	40292	40892	40892	40892
DBAC0293	db	40293	40893	40893	40893
DBAC0294	db	40294	40894	40894	40894
DBAC0295	db	40295	40895	40895	40895
DBAC0296	db	40296	40896	40896	40896
DBAC0297	db	40297	40897	40897	40897
DBAC0298	db	40298	40898	40898	40898
DBAC0299	db	40299	40899	40899	40899

4.13 MNEMONIC INDEX: DBAC0302 - DBGRHMOUT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
DBAC0302	db	40302	40902	40902	40902
DBAC0303	db	40303	40903	40903	40903
DBAC0304	db	40304	40904	40904	40904
DBAC0305	db	40305	40905	40905	40905
DBAC0306	db	40306	40906	40906	40906
DBAC0307	db	40307	40907	40907	40907
DBAC0308	db	40308	40908	40908	40908
DBAC0309	db	40309	40909	40909	40909
DBAC0310	db	40310	40910	40910	40910
DBAC0311	db	40311	40911	40911	40911
DBAC0312	db	40312	40912	40912	40912
DBAC0325	db	40325	40925	40925	40925
DBAC0326	db	40326	40926	40926	40926
DBAC0327	db	40327	40927	40927	40927
DBAC0367	db	40367	40967	40967	40967
DBAC0375	db	40375	40975	40975	40975
DBAC0379	db	40379	40979	40979	40979
DBAC0380	db	40380	40980	40980	40980
DBAC0381	db	40381	40981	40981	40981
DBAC0383	db	40383	40983	40983	40983
DBAC0384	db	40384	40984	40984	40984
DBAC0385	db	40385	40985	40985	40985
DBAC0386	db	40386	40986	40986	40986
DBAC0387	db	40387	40987	40987	40987
DBAC0388	db	40388	40988	40988	40988
DBAC0389	db	40389	40989	40989	40989
DBAC0397	db	40395	40995	40995	40995
DBAC0398	db	40396	40996	40996	40996
DBAC0400	db	40400	41000	41000	41000
DBAC0401	db	40397	40997	40997	40997
DBAC0402	db	40398	40998	40998	40998
DBAC0403	db	40403	41003	41003	41003
DBAC0404	db	40404	41004	41004	41004
DBAC0405	db	40405	41005	41005	41005
DBAC0406	db	40406	41006	41006	41006
DBAC0407	db	40407	41007	41007	41007
DBAC0408	db	40408	41008	41008	41008
DBAC0409	db	40409	41009	41009	41009

DBAC0410	db	40410	41010	41010	41010
DBAC0411	db	40411	41011	41011	41011
DBAC0412	db	40412	41012	41012	41012
DBAC0413	db	40413	41013	41013	41013
DBAC0414	db	40414	41014	41014	41014
DBAC0415	db	40415	41015	41015	41015
DBAC0418	db	40418	41018	41018	41018
DBAC0422	db	40422	41022	41022	41022
DBAC0423	db	40423	41023	41023	41023
DBAC0424	db	40424	41024	41024	41024
DBAC0425	db	40425	41025	41025	41025
DBAC0426	db	40426	41026	41026	41026
DBAC0427	db	40427	41027	41027	41027
DBAC0428	db	40428	41028	41028	41028
DBAC0429	db	40429	41029	41029	41029
DBAC0430	db	40430	41030	41030	41030
DBAC0431	db	40431	41031	41031	41031
DBAC0432	db	40432	41032	41032	41032
DBAC0461	db	40461	41061	41061	41061
DBAC0462	db	40462	41062	41062	41062
DBAC0463	db	40463	41063	41063	41063
DBAC0464	db	40464	41064	41064	41064
DBAC0499	db	40499	41099	41099	41099
DBAC0500	db	40500	41100	41100	41100
DBACCDICSAME	db	40482	41082	41082	41082
DBACCUPFL	db	40321	40921	40921	40921
DBADLNKFIELD	db	40469	41069	41069	41069
DBAMODDSZE	dbkup	2451	2451	2451	2451
DBAMSCRBAD	dbkup	2458	2458	2458	2458
DBATTSG	ddbgrw	2901	2901	2901	2901
DBAUDRECV	drclg	2682	2682	2682	2682
DBAUDSENDP	drclg	2681	2681	2681	2681
DBAUDTYPE	drclg	2680	2680	2680	2680
DBBADACCDICT	db	40393	40993	40993	40993
DBBAD_ALIGN	db	40281	40881	40881	40881
DBBADATYPE	db	40466	41066	41066	41066
	ddbgrw	2986	2986	2986	-
DBBAD_AVAIL	db	40206	40806	40806	40806
DBBADBLF	as	20063	20063	20063	20063
DBBADDICT	db	40280	40880	40880	40880
DBBADDIST	db	40478	41078	41078	41078
DBBADDRRL	db	40465	41065	41065	41065
DBBADGRP	as	20060	20060	20060	20060
DBBADICX	as	20059	20059	20059	20059
DBBADIST	as	20057	20057	20057	20057
DBBADLGM	db	40399	40999	40999	40999
DBBADMHG	as	20056	20056	20056	20056
DBBADMSG	ddbgrw	2921	2921	2921	2921
DBBADPHYSREL	db	40483	41083	41083	41083
DBBADQICI	as	20062	20062	20062	20062
DBBADRTYP	db	40479	41079	41079	41079
DBBADTRGINDX	db	40392	40992	40992	40992
DBBADTRM	as	20061	20061	20061	20061
DBBADUTYPE	ddbgrw	2999	2999	2999	2999
DBBDDBCI	db	40266	40866	40866	40866
DBBDGRSZ	db	40267	40867	40867	40867
DBBDHMOT	ddbgrw	2961	2961	2961	2961
DBBDLNST	as	20179	20179	20179	20179
DBBDMEMBRD	dbkup	2446	2446	2446	2446
DBBDMMTP	ddbgrw	2955	2955	2955	2955
DBBDMTYP	db	40322	40922	40922	40922
DB_BID_ERR	db	40004	40604	40604	40604
DBBIGTUP	db	40376	40976	40976	40976
DBBIGVIEW	db	40378	40978	40978	40978
DBBKABORT	dbkup	2449	2449	2449	2449
DBBKACTB	dbkup	2432	2432	2432	2432
DBBKALLOC	dbkup	2436	2436	2436	2436
DBBKAMGRW	dbkup	2455	2455	2455	2455
DBBKATMSW	dbkup	2453	2453	2453	2453
DBBKBADMSG	dbkup	2465	2465	2465	-
DBBKBCI	dbkup	2381	2381	2381	2381
DBBKBCIHS	dbkup	2429	2429	2429	2429

DBBKBFIL	dbkup	2424	2424	2424	2424
DBBKBGD	dbkup	2422	2422	2422	2422
DBBKBHSH	dbkup	2425	2425	2425	2425
DBBKBLINK	dbkup	2448	2448	2448	2448
DBBKBODD	dbkup	2426	2426	2426	2426
DBBKBOU	dbkup	2403	2403	2403	2403
DBBKBDP	dbkup	2407	2407	2407	2407
DBBKBSN	dbkup	2440	2440	2440	2440
DBBKBSM	dbkup	2435	2435	2435	2435
DBBKCLRC	dbkup	2452	2452	2452	2452
DBBKCLRL	dbkup	2421	2421	2421	2421
DBBKCREAT	dbkup	2418	2418	2418	2418
DBBKDACTB	dbkup	2433	2433	2433	2433
DBBKDDBST	dbkup	2445	2445	2445	2445
DBBKDDNGR	dbkup	2444	2444	2444	2444
DBBKDDR	dbkup	2409	2409	2409	2409
DBBKDDW	dbkup	2410	2410	2410	2410
DBBKDSK	dbkup	2431	2431	2431	2431
DBBKDSKSP	dbkup	2360	2360	2360	2360
DBBKFOPE	dbkup	2419	2419	2419	2419
DBBKFRD	dbkup	2443	2443	2443	2443
DBBKFSANF	dbkup	2420	2420	2420	2420
DBBKHMOUT	dbkup	2417	2417	2417	2417
DBBKLCALL	dbkup	2408	2408	2408	2408
DBBKLINK	dbkup	2415	2415	2415	2415
DBBKMEM	dbkup	2430	2430	2430	2430
DBBKMOUNT	dbkup	2411	2411	2411	2411
DBBKNA	dbkup	2423	2423	2423	2423
DBBKNOPART	dbkup	2441	2441	2441	2441
DBBKNOSE	dbkup	2442	2442	2442	2442
DBBKNOTFUL	dbkup	2439	2439	2439	2439
DBBKNULINK	dbkup	2362	2362	2362	2362
DBBKODDF	dbkup	2437	2437	2437	2437
DBBKODSA	dbkup	2434	2434	2434	2434
DBBKOPEN	dbkup	2400	2400	2400	2400
DBBKPROC	dbkup	2450	2450	2450	2450
DBBKREAD	dbkup	2401	2401	2401	2401
DBBKRECV	dbkup	2405	2405	2405	2405
DBBKSEEK	dbkup	2402	2402	2402	2402
DBBKSEND	dbkup	2406	2406	2406	2406
DBBKSK2	dbkup	2438	2438	2438	2438
DBBKSTAT	dbkup	2427	2427	2427	2427
DBBKTMOUT	dbkup	2416	2416	2416	2416
DBBKULINK	dbkup	2414	2414	2414	2414
DBBKUMOUNT	dbkup	2412	2412	2412	2412
DBBKUPON	db	40362	40962	40962	40962
DBBKVCP	dbkup	2413	2413	2413	2413
DBBKVTOC	dbkup	2428	2428	2428	2428
DBBKWRITE	dbkup	2404	2404	2404	2404
DBBPRBAD	db	40268	40868	40868	40868
DBBRDATAPAGE	db	40498	41098	41098	41098
DBBRELTYPE	db	40336	40936	40936	40936
DBBRLMTYPE	db	40491	41091	41091	41091
DBBRSKLNNUL	db	40496	41096	41096	41096
DBBRTMPGKPROB	db	40495	41095	41095	41095
DBBSTACCUP	db	40337	40937	40937	40937
DBBSTBTRN	db	40332	40932	40932	40932
DBBSTCOFF	ddbgrw	2919	2919	2919	2919
DBBSTCONV	db	40335	40935	40935	40935
DBBSTCOPY	db	40323	40923	40923	40923
DBBSTDDR	db	40324	40924	40924	40924
DBBSTDDWR	db	40329	40929	40929	40929
DBBSTMSG	ddbgrw	2918	2918	2918	2918
DBBSTOPREL	db	40333	40933	40933	40933
DBBSTPARMS	db	40328	40928	40928	40928
DBBSTSEND	ddbgrw	2917	2917	2917	2917
DBBSTSMIM	db	40330	40930	40930	40930
DBBSTTMOUT	ddbgrw	2963	2963	2963	2963
DBBSTTRNST	db	40334	40934	40934	40934
DBBSTZBMAP	db	40331	40931	40931	40931
DBCGAINT	ddbgrw	3009	3009	3009	3009
DBCANXT	ddbgrw	3010	3010	3010	3010

DBC GARFST	ddbgrw	3008	3008	3008	3008
DBCMPHSHBAD	dbkup	2459	2459	2459	2459
DBCMPSTBAD	dbkup	2460	2460	2460	2460
DBCOFFHDR	ddbgrw	2944	2944	2944	2944
DBCYCLINGKBKT	db	40494	41094	41094	41094
DBDDRDBAD	ddbgrw	2883	2883	2883	2883
DBDDREADF	db	40358	40958	40958	40958
DBDDSTBAD	ddbgrw	2953	2953	2953	2953
DBDDWRITEF	db	40357	40957	40957	40957
DBDFIFAIL	ddbgrw	2929	2929	2929	2929
DBDISKERR	ddbgrw	2913	2913	2913	2913
DBDISKSP	ddbgrw	2936	2936	2936	2936
DBDISTERR	db	40391	40991	40991	40991
DBDNINCTUPNUM	ddbgrw	2971	2971	2971	2971
DBDNXTSINTUP	db	40439	41039	41039	41039
	ddbgrw	2970	2970	2970	-
DBEQLOCFAIL	ddbgrw	3004	3004	3004	3004
DBFRMSG	ddbgrw	2915	2915	2915	2915
DB_FREE_ERR	db	40006	40606	40606	40606
DBFRELISSBAD	db	40470	41070	41070	41070
DBFRINFALL	db	40472	41072	41072	41072
DB_FULL	db	40003	40603	40603	40603
DBGCBADFIN	db	40477	41077	41077	41077
DBGETBFR	db	40368	40968	40968	40968
DBGETCLI	ddbgrw	3011	3011	3011	3011
DBGK24TIMER	db	40493	41093	41093	41093
DBGKQUEUEFAIL	db	40492	41092	41092	41092
DBGKCRLOSS	db	40485	41085	41085	41085
DBGKCSYSERR	db	40497	41097	41097	41097
DBGKFRCORPT	db	40484	41084	41084	41084
DBGKNOTONFREE	db	40476	41076	41076	41076
DBGKRETRERR	db	40467	41067	41067	41067
DBGR1AIM	dbkup	2364	2364	2364	2364
DBGR1MOU	dbkup	2356	2356	2356	2356
DBGR1SCR	ddbgrw	3013	3013	3013	3013
DBGR2MOU	dbkup	2354	2354	2354	2354
DBGR2SCR	ddbgrw	3014	3014	3014	3014
DBGRAIMOPN	dbkup	2385	2385	2385	2385
DBGRALLOC	ddbgrw	2879	2879	2879	2879
DBGRATT	ddbgrw	2896	2896	2896	2896
DBGRBDVERB	ddbgrw	2958	2958	2958	2958
DBGRBSCN	dbkup	2392	2392	2392	2392
DBGRBSMST	ddbgrw	2885	2885	2885	2885
DBGRCLDS	dbkup	2388	2388	2388	2388
DBGRCPDD	ddbgrw	3017	3017	3017	3017
DBGRCREAT1	dbkup	2382	2382	2382	2382
DBGRDACT	ddbgrw	2899	2899	2899	2899
DBGRDDSR1	dbkup	2352	2352	2352	2352
DBGRDDW2	dbkup	2373	2373	2373	2373
DBGRDDWR	dbkup	2370	2370	2370	2370
DBGRDREAT	ddbgrw	2882	2882	2882	2882
DBGRDSK	ddbgrw	2898	2898	2898	2898
DBGRDSKCP	ddbgrw	2897	2897	2897	2897
DBGRFOPN	dbkup	2389	2389	2389	2389
DBGRFSEK	dbkup	2393	2393	2393	2393
DBGRGNHSH	ddbgrw	2924	2924	2924	2924
DBGRGPRT	dbkup	2357	2357	2357	2357
DBGRHM	dbkup	2372	2372	2372	2372
DBGRHMOUT	dbkup	2371	2371	2371	2371

4.14 MNEMONIC INDEX: DBGRALOC - DBRGSGRWF

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
DBGRALOC	ddbgrw	2894	2894	2894	2894
DBGRIDDW	ddbgrw	2895	2895	2895	2895
DBGRIKEY	ddbgrw	2888	2888	2888	2888
DBGRIMESG	ddbgrw	2892	2892	2892	2892
DBGRIRET	ddbgrw	2889	2889	2889	2889
DBGRISEND	ddbgrw	2890	2890	2890	2890
DBGRISPR	ddbgrw	2893	2893	2893	2893
DBGRITIME	ddbgrw	2891	2891	2891	2891

DBGRLDF	dbkup	2390	2390	2390	2390
DBGRLDN	dbkup	2391	2391	2391	2391
DBGRLINK	ddbgrw	2881	2881	2881	2881
DBGRLNK	dbkup	2358	2358	2358	2358
DBGRM1SCR	dbkup	2376	2376	2376	2376
DBGRM2SCR	dbkup	2375	2375	2375	2375
DBGRMNT1	dbkup	2365	2365	2365	2365
DBGRMODD2	dbkup	2355	2355	2355	2355
DBGRMSG	dbkup	2367	2367	2367	2367
DBGRNGMSG	dbkup	2369	2369	2369	2369
DBGRNOSCR	ddbgrw	3012	3012	3012	3012
DBGRNUODD	dbkup	2383	2383	2383	2383
DBGROPEN	ddbgrw	2887	2887	2887	2887
DBGROPN	dbkup	2380	2380	2380	2380
DBGRPAD	dbkup	2384	2384	2384	2384
DBGRPAR2	dbkup	2377	2377	2377	2377
DBGRPART	dbkup	2387	2387	2387	2387
DBGRPORT	dbkup	2366	2366	2366	2366
DBGRRD	dbkup	2359	2359	2359	2359
DBGRRDAIM	dbkup	2374	2374	2374	2374
DBGRRDDISK	ddbgrw	2875	2875	2875	2875
DBGRRDDPHYS	ddbgrw	2876	2876	2876	2876
DBGRRDMEM	dbkup	2395	2395	2395	2395
DBGRRDPHYS	dbkup	2350	2350	2350	2350
DBGRRDPRB	dbkup	2351	2351	2351	2351
DBGRRDUN	ddbgrw	2949	2949	2949	2949
DBGRREAD	ddbgrw	2886	2886	2886	2886
DBGRREC	dbkup	2368	2368	2368	2368
DBGRRPHYS	dbkup	2396	2396	2396	2396
DBGRSCN	dbkup	2386	2386	2386	2386
DBGRSCORPT	ddbgrw	2922	2922	2922	2922
DBGRSCRSZ	ddbgrw	2989	2989	2989	2989
DBGRSEEK	ddbgrw	2884	2884	2884	2884
DBGRSTAT	ddbgrw	2872	2872	2872	2872
DBGRSTBD	ddbgrw	2950	2950	2950	2950
DBGRSYS1	dbkup	2378	2378	2378	2378
DBGRSYS2	dbkup	2379	2379	2379	2379
DBGRTMPSCR	ddbgrw	3015	3015	3015	3015
DBGRUMODD1	dbkup	2353	2353	2353	2353
DBGRUNLINK	ddbgrw	2880	2880	2880	2880
DBGRUPDPHYS	ddbgrw	2874	2874	2874	2874
DBGRVCP	ddbgrw	2862	2862	2862	2862
DBGRVTOC	ddbgrw	2873	2873	2873	2873
DBGRWCONF	ddbgrw	2998	2998	2998	2998
DBGRWIMEM	dbkup	2399	2399	2399	2399
DBGRWIPHYS	dbkup	2397	2397	2397	2397
DBGRWODMEM	dbkup	2363	2363	2363	2363
DBGRWODPHYS	dbkup	2398	2398	2398	2398
DBGRWRIT	dbkup	2361	2361	2361	2361
DBGRWSCN	dbkup	2394	2394	2394	2394
DBGRXSCR	ddbgrw	3016	3016	3016	3016
DBGTGRST	db	40416	41016	41016	41016
DBGTGRWST	ddbgrw	2878	2878	2878	2878
DBGTGWST	dbkup	2456	2456	2456	2456
DBHDNTDUP	db	40300	40900	40900	40900
DBINCTUPNUM	ddbgrw	2966	2966	2966	2966
DBINITDDBD	db	40372	40972	40972	40972
DBINMSG	db	40356	40956	40956	40956
DBINVRET	db	40355	40955	40955	40955
DBLGBD	drclg	2670	2670	2670	2670
DBLGBDPROC	drclg	2679	2679	2679	2679
DBLGBFD	drclg	2663	2663	2663	2663
DBLGBGD	drclg	2650	2650	2650	2650
DBLGBMD	drclg	2668	2668	2668	2668
DBLGBPD	drclg	2651	2651	2651	2651
DBLGCLOSE	drclg	2664	2664	2664	2664
DBLGCORC	drclg	2669	2669	2669	2669
DBLGCREAT	drclg	2661	2661	2661	2661
DBLGDD	drclg	2654	2654	2654	2654
DBLGFAIL	db	40490	41090	41090	41090
DBLGHMOUT	drclg	2653	2653	2653	2653
DBLGLSEEK	drclg	2665	2665	2665	2665

DBLGMALLOC	drcfg	2702	2702	2702	2702
DBLGNA	drcfg	2652	2652	2652	2652
DBLGOPEN	drcfg	2658	2658	2658	2658
DBLGSEND	drcfg	2671	2671	2671	2671
DBLGQUEFULL	drcfg	2667	2667	2667	2667
DBLGRDGPARM	drcfg	2676	2676	2676	2676
DBLGREAD	drcfg	2659	2659	2659	2659
DBLGRECV	drcfg	2657	2657	2657	2657
DBLGSCALL	drcfg	2655	2655	2655	2655
DBLGSEEK	drcfg	2662	2662	2662	2662
DBLGSENDP	drcfg	2656	2656	2656	2656
DBLGSTAT	drcfg	2666	2666	2666	2666
DBLGTMPSPC	db	40088	40688	40688	40688
DBLGTOTAL	db	40377	40977	40977	40977
DBLGWRITE	drcfg	2660	2660	2660	2660
DBLLAGET	ddbgrw	2903	2903	2903	2903
DBLMASRT	da	20937	21237	21237	21187
DBLMFSCR	drcfg	2684	2684	2684	2684
DBLMFSLs	drcfg	2701	2701	2701	2701
DBLMFSOP	drcfg	2689	2689	2689	2689
DBLMFSRD	drcfg	2686	2686	2686	2686
DBLMFSSC	drcfg	2688	2688	2688	2688
DBLMFSSK	drcfg	2685	2685	2685	2685
DBLMFSWR	drcfg	2687	2687	2687	2687
DBLOGTYPE	drcfg	2691	2691	2691	2691
DBLOSTLM	db	40401	41001	41001	41001
DBLTCLOSE	drcfg	2698	2698	2698	2698
DBLTCREAT	drcfg	2697	2697	2697	2697
DBLTFLUSH	drcfg	2690	2690	2690	2690
DBLTLSEEK	drcfg	2699	2699	2699	2699
DBLTMALLOC	drcfg	2693	2693	2693	2693
DBLTOPEN	drcfg	2694	2694	2694	2694
DBLTREAD	drcfg	2695	2695	2695	2695
DBLTSTAT	drcfg	2700	2700	2700	2700
DBLTTAG	drcfg	2692	2692	2692	2692
DBLTWRITE	drcfg	2696	2696	2696	2696
DBL_USEINT	ddbgrw	3002	3002	3002	3002
DBL_USENXT	ddbgrw	3003	3003	3003	3003
DBL_USERFST	ddbgrw	3001	3001	3001	3001
DBLVL3DWN	ddbgrw	2980	2980	2980	2980
DBMAXVIRT	db	40486	41086	41086	41086
DBMEMRY_LOW	ddbgrw	3000	3000	3000	3000
DBMHDINC	ddbgrw	2914	2914	2914	2914
DBMISGKPAG	db	40471	41071	41071	41071
DBMKNOD	ddbgrw	2900	2900	2900	2900
DBMODABN	db	40257	40857	40857	40857
DBMODACC	db	40198	40798	40798	40798
	ddbgrw	2856	2856	2856	-
DBMODAMEM	ddbgrw	2851	2851	2851	2851
DBMODDEL	ddbgrw	2991	2991	2991	2991
DBMODDINT	ddbgrw	2860	2860	2860	2860
DBMODNXT	ddbgrw	2861	2861	2861	2861
DBMODFILE	ddbgrw	2855	2855	2855	2855
DBMODGPRM	ddbgrw	2857	2857	2857	2857
DBMODITUP	db	40199	40799	40799	40799
	ddbgrw	2854	2854	2854	-
DBMODNXT	db	40445	41045	41045	41045
	ddbgrw	2973	2973	2973	-
DBMODOPN	ddbgrw	2858	2858	2858	2858
DBMODOREL	db	40216	40816	40816	40816
	ddbgrw	2853	2853	2853	-
DBMODRFST	ddbgrw	2859	2859	2859	2859
DBMODRTUP	db	40217	40817	40817	40817
	ddbgrw	2850	2850	2850	-
DBMODTBGN	db	40218	40818	40818	40818
	ddbgrw	2852	2852	2852	-
DBMODXRDFST	ddbgrw	2972	2972	2972	2972
DBMODXSRDFST	db	40444	41044	41044	41044
DBMOUNT	ddbgrw	2905	2905	2905	2905
DBMSGENAB	ddbgrw	2912	2912	2912	2912
DBMSZDATA	db	40371	40971	40971	40971
DBMSZMALLOC	db	40370	40970	40970	40970

DBMSZUDICT	db	40382	40982	40982	40982
DBMVCACH	db	40390	40990	40990	40990
DBMVGRFL	db	40277	40877	40877	40877
DBNAMTMOUT	ddbgrw	2927	2927	2927	2927
DBNAUDMSG	drclg	2683	2683	2683	2683
DBNFNDTRN	db	40480	41080	41080	41080
DBNMSGRC	db	40340	40940	40940	40940
DBNOOKPCOM	ddbgrw	2959	2959	2959	2959
DBNOOPSMS	ddbgrw	2987	2987	2987	2987
DBNOSTODDG	ddbgrw	2960	2960	2960	2960
DBNOSTUGDD	ddbgrw	2968	2968	2968	2968
DBNR1RECOV	ddbgrw	2930	2930	2930	2930
DBNR2HSHUP	db	40341	40941	40941	40941
DBNR2RECOV	ddbgrw	2931	2931	2931	2931
DBNR3RECOV	ddbgrw	2932	2932	2932	2932
DBNR4RECOV	ddbgrw	2933	2933	2933	2933
DBNR95_FULL	db	40374	40974	40974	40974
DBNRADDMEM	db	40349	40949	40949	40949
DBNRBADMSG	db	40339	40939	40939	40939
	ddbgrw	2926	2926	2926	-
DBNRBSTRUN	db	40348	40948	40948	40948
DBNRCIBAD	db	40347	40947	40947	40947
DBNRCLOSE	ddbgrw	2916	2916	2916	2916
DBNRDATA	db	40342	40942	40942	40942
DBNRDBC1	db	40346	40946	40946	40946
DBNRDSEC	ddbgrw	2947	2947	2947	2947
DBNRHSHUP	db	40351	40951	40951	40951
DBNRMEMREC	db	40343	40943	40943	40943
DBNRNGMSG	ddbgrw	2928	2928	2928	2928
DBNRNOSND	db	40338	40938	40938	40938
DBNRODDPUR	ddbgrw	2942	2942	2942	2942
DBNRODSHK	ddbgrw	2943	2943	2943	2943
DBNRODSZ	ddbgrw	2935	2935	2935	2935
DBNRPARMBAD	db	40344	40944	40944	40944
DBNRSMTMOUT	db	40350	40950	40950	40950
DBNRUPDATE	ddbgrw	2923	2923	2923	2923
DBNSMCMTMOUT	db	40345	40945	40945	40945
DBNUNTRN	db	40481	41081	41081	41081
DBOFFSFALL	ddbgrw	2965	2965	2965	2965
DBOFFS_NA	ddbgrw	2964	2964	2964	2964
DBOPENPORT	drclg	2672	2672	2672	2672
DBOPENSEQ	ddbgrw	2904	2904	2904	2904
DBOPNOSUP	db	40487	41087	41087	41087
DBOPTHDR	ddbgrw	2945	2945	2945	2945
DBOPVINCON	db	40488	41088	41088	41088
DBPARGTLAST	db	40474	41074	41074	41074
DBPARPTBADGK	db	40475	41075	41075	41075
DBPARTCMT	db	40394	40994	40994	40994
DBPARTS	ddbgrw	2939	2939	2939	2939
DBPICBINT	ddbgrw	3006	3006	3006	3006
DBPICBNXT	ddbgrw	3007	3007	3007	3007
DBPICBRFST	ddbgrw	3005	3005	3005	3005
DBPNXTSINTUP	ddbgrw	2975	2975	2975	2975
DBPOPDNTRAN	db	40438	41038	41038	41038
	ddbgrw	2969	2969	2969	-
DBPOPPDNTRAN	ddbgrw	2976	2976	2976	2976
DBPORTERR	ddbgrw	2962	2962	2962	2962
DBPRCALV	ddbgrw	2956	2956	2956	2956
DBPRDNTAN	db	40441	41041	41041	41041
	ddbgrw	2977	2977	2977	-
DBPRNXTSINTUP	db	40443	41043	41043	41043
	ddbgrw	2979	2979	2979	-
DBPRXSRDTUP	db	40442	41042	41042	41042
	ddbgrw	2978	2978	2978	-
DBPVTOC	ddbgrw	2910	2910	2910	2910
DBPXSRDTUP	ddbgrw	2974	2974	2974	2974
DBR95_FULL	db	40301	40901	40901	40901
DBRANGE	ddbgrw	2938	2938	2938	2938
DBRCUMG	ddbgrw	2957	2957	2957	2957
DBRDGET	ddbgrw	2902	2902	2902	2902
DBRFCMPABT	drclg	2677	2677	2677	2677
DBRFDDPHY	drclg	2675	2675	2675	2675

DBRFPCRCNV	drcfg	2674	2674	2674	2674
DBRFPHYCNV	drcfg	2673	2673	2673	2673
DBRFREOTPA	db	40460	41060	41060	41060
DBRFSCMPNM	drcfg	2678	2678	2678	2678
DBRGABTD	db	40354	40954	40954	40954
DBRGCLOSEF	db	40364	40964	40964	40964
	ddbgrw	2985	2985	2985	-
DBRGHMOUT	db	40363	40963	40963	40963
DBRGINIT	db	40365	40965	40965	40965
DBRGOPENF	db	40359	40959	40959	40959
	ddbgrw	2981	2981	2981	-
DBRGRCVRY	db	40353	40953	40953	40953
DBRGREADF	db	40360	40960	40960	40960
	ddbgrw	2982	2982	2982	-
DBRGSEEKF	db	40361	40961	40961	40961
	ddbgrw	2984	2984	2984	-
DBRGSGRWF	db	40366	40966	40966	40966

4.15 MNEMONIC INDEX: DBRIMGEN - DTWRTER

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
DBRIMGEN	dbkup	2464	2464	2464	2464
DBRLDCBRL	db	40269	40869	40869	40869
DBRLSBFR	db	40369	40969	40969	40969
DBRMFILS	ddbgrw	2937	2937	2937	2937
DBRNUMBD	db	40274	40874	40874	40874
DBRODDPUR	ddbgrw	2920	2920	2920	2920
DBRPTRCOFF	dbkup	2447	2447	2447	2447
DBRSMOREL	db	40437	41037	41037	41037
	ddbgrw	2997	2997	2997	-
DBRSVUCB	ddbgrw	2907	2907	2907	2907
DBSA2LONG	db	40447	41047	41047	41047
DBSACDNTR	db	40448	41048	41048	41048
DBSACOREL	db	40449	41049	41049	41049
DBSACPRDN	ddbgrw	2983	2983	2983	2983
DBSACSINTUP	db	40450	41050	41050	41050
DBSACTBGN	db	40451	41051	41051	41051
DBSACTEND	db	40452	41052	41052	41052
DBSACTUPNUM	db	40453	41053	41053	41053
DBSACUGPR	db	40454	41054	41054	41054
DBSACUREL	db	40455	41055	41055	41055
DBSADNMOD	db	40456	41056	41056	41056
DBSAENMG	db	40457	41057	41057	41057
DBSAGPRM	db	40446	41046	41046	41046
DBSAINVMG	db	40458	41058	41058	41058
DBSANOMATE	db	40459	41059	41059	41059
DBSDWTDFLT	db	40263	40863	40863	40863
DBSECHDR	ddbgrw	2946	2946	2946	2946
DBSETIO	ddbgrw	2909	2909	2909	2909
DBSGMATCH	ddbgrw	2911	2911	2911	2911
DBSIFAIL	db	40313	40913	40913	40913
DB_SIZE_ERR	db	40005	40605	40605	40605
DBSKELFIL	ddbgrw	2948	2948	2948	2948
DBSMASRT	da	20939	21239	21239	21189
DBSMCMTMOUT	db	40314	40914	40914	40914
DBSNPCORPT	db	40265	40865	40865	40865
DBSNPOVFLW	db	40278	40878	40878	40878
DBSNPVER	db	40279	40879	40879	40879
DBSTGRST	db	40417	41017	41017	41017
DBSTGRWST	ddbgrw	2951	2951	2951	2951
DBSTGWST	dbkup	2457	2457	2457	2457
DBSYSTEM	ddbgrw	2925	2925	2925	2925
DBSZFAIL	db	40046	40646	40646	40646
DBTRIGFAIL	db	40373	40973	40973	40973
DBTX1FAIL	db	40419	41019	41019	41019
DBTX2FAIL	db	40420	41020	41020	41020
DBTX3FAIL	db	40421	41021	41021	41021
DB_TYP_ERR	db	40002	40602	40602	40602
DBUGAMTMOUT	ddbgrw	2952	2952	2952	2952
DBUGBADMG	db	40261	40861	40861	40861
DBUGDBC	db	40264	40864	40864	40864

DBUGHSHUP	db	40320	40920	40920	40920
DBUGMGBAD	ddbgrw	2954	2954	2954	2954
DBUGNOCRTRM	db	40352	40952	40952	40952
DBUGNOSND	db	40271	40871	40871	40871
DBUGSDF	ddbgrw	2908	2908	2908	2908
BUGSMTMOUT	db	40270	40870	40870	40870
DBUGUCBN	ddbgrw	2906	2906	2906	2906
DBUMSGRC	db	40262	40862	40862	40862
DBUODDSZ	ddbgrw	2934	2934	2934	2934
DBUPDAUSR	ddbgrw	2867	2867	2867	2867
DBUPDCFAIL	db	40256	40856	40856	40856
DBUPDCKT	ddbgrw	2940	2940	2940	2940
DBUPDDGRP	ddbgrw	2868	2868	2868	2868
DBUPDDKEY	db	40242	40842	40842	40842
DBUPDDTUP	db	40223	40823	40823	40823
	ddbgrw	2863	2863	2863	-
DBUPDDUSR	ddbgrw	2866	2866	2866	2866
DBUPDEMP	db	40225	40825	40825	40825
	ddbgrw	2869	2869	2869	-
DBUPDGLTRG	db	40255	40855	40855	40855
DBUPDGPRM	ddbgrw	2865	2865	2865	2865
DBUPDITUP	db	40224	40824	40824	40824
DBUPDL_USE	ddbgrw	2992	2992	2992	2992
DBUPDOREL	db	40252	40852	40852	40852
DBUPDPORT	ddbgrw	2864	2864	2864	2864
DBUPDPRM	ddbgrw	2941	2941	2941	2941
DBUPDRFTUP	db	40221	40821	40821	40821
DBUPDRTUP	db	40220	40820	40820	40820
DBUPDSITRG	db	40253	40853	40853	40853
DBUPDSMTRG	db	40254	40854	40854	40854
DBUPDTBGN	db	40251	40851	40851	40851
DBUPDTEND	db	40250	40850	40850	40850
	ddbgrw	2870	2870	2870	-
DBUPDUCOM	ddbgrw	2871	2871	2871	2871
DBUPDUNIT	ddbgrw	2990	2990	2990	2990
DBUPDUTUP	db	40222	40822	40822	40822
DBUSDONFRE	db	40473	41073	41073	41073
DBWLGFUN	db	40402	41002	41002	41002
DBWT2LG	db	40273	40873	40873	40873
DBWTIDBD	db	40272	40872	40872	40872
DBWTLFULL	db	40276	40876	40876	40876
DBXSINSYS	db	40436	41036	41036	41036
	ddbgrw	2996	2996	2996	-
DBXSRDFSYS	db	40434	41034	41034	41034
	ddbgrw	2994	2994	2994	-
DBXSRDNSYS	db	40435	41035	41035	41035
	ddbgrw	2995	2995	2995	-
DBXSRDSYS	db	40433	41033	41033	41033
	ddbgrw	2993	2993	2993	-
DBXTRAGKPAGS	db	40489	41089	41089	41089
DBXTSINTUP	db	40440	41040	41040	41040
	ddbgrw	2967	2967	2967	-
DBZAPFAIL	ddbgrw	2988	2988	2988	2988
DCAPXAMAP	fc	21693	21993	21993	21943
DC_APXCTBL	fc	21701	22001	22001	21951
DCAPXTMAP	fc	21698	21998	21998	21948
DCBADDATA	fc	22155	22455	22455	22405
DCBADTKST	fc	21768	22068	22068	22018
DCGETCBDB	fc	21374	21674	21674	21624
DC_GPAXDB	fc	21700	22000	22000	21950
DCGPAXHC	fc	21258	21558	21558	21508
DCGPVACANT	fc	21373	21673	21673	21623
DCGRP_PRT	fc	21703	22003	22003	21953
DCINVDATA	fc	21682	21982	21982	21932
DCLINKBUSY	fc	21804	22104	22104	22054
DCLINKIDLE	fc	21784	22084	22084	22034
DCLNCBPC	fc	21511	21811	21811	21761
DCNOPCBLA	fc	21706	22006	22006	21956
DCOSSENDFAIL	fc	21652	21952	21952	21902
DC_PCBLA	fc	21699	21999	21999	21949
DCPUTCBDB	fc	21587	21887	21887	21837
DCQIWKEY	fc	22203	22503	22503	-

DCSLOOPFSM	fc	21657	21957	21957	21907
DCSMASRT	da	21070	21370	21370	21320
DCSREASON	fc	21654	21954	21954	21904
DCSVFSM	fc	21656	21956	21956	21906
DCTKMEMBAD	fc	21777	22077	22077	22027
DCTMRFAIL	fc	21692	21992	21992	21942
DCTREASON	fc	21662	21962	21962	21912
DCTRKSTAT	fc	21704	22004	22004	21954
DCUNEXPINP	fc	21671	21971	21971	21921
DCUNEXPMMSG	fc	21668	21968	21968	21918
DCUNLKBUSY	fc	21778	22078	22078	22028
DCUNLKIDLE	fc	21779	22079	22079	22029
DDBADCASE	si	24624	24924	24924	24874
DDBADNCT	si	24614	24914	24914	24864
DDBADOS	si	24635	24935	24935	24885
DDBADTIMER	si	24638	24938	24938	24888
DDBADTRIG	si	24615	24915	24915	24865
DDCPMSG	si	24639	24939	24939	24889
DDCPSTIM	si	24640	24940	24940	24890
DDIMCTS	si	24619	24919	24919	24869
DDIMMAP	si	24618	24918	24918	24868
DDIMMSG	si	24636	24936	24936	24886
DDIMSTIM	si	24637	24937	24937	24887
DDREASERR	si	24634	24934	24934	24884
DGDATA PROB	dg	21163	21463	21463	21413
DGPE1	dg	21158	21458	21458	21408
DGPE2	dg	21159	21459	21459	21409
DGPE3	dg	21160	21460	21460	21410
DGPE4	dg	21161	21461	21461	21411
DGPE5	dg	21162	21462	21462	21412
DGPE7	dg	21164	21464	21464	21414
DGPE9	dg	21166	21466	21466	21416
DGPE11	dg	21168	21468	21468	21418
DGPE12	dg	21169	21469	21469	21419
DGPE13	dg	21170	21470	21470	21420
DGPE32	ddg	951	951	951	951
DGPE33	ddg	952	952	952	952
DGPE34	ddg	953	953	953	953
DGPE35	ddg	954	954	954	954
DGPE36	ddg	955	955	955	955
DGPE37	ddg	956	956	956	956
DGPE38	ddg	957	957	957	957
DGPE39	ddg	958	958	958	958
DGPE40	ddg	959	959	959	959
DGPE41	ddg	960	960	960	960
DGPE42	ddg	961	961	961	961
DGPE43	ddg	962	962	962	962
DGRXE1	ddg	968	968	968	968
DGRXE2	ddg	969	969	969	969
DGRXE3	ddg	970	970	970	970
DGRXE4	ddg	971	971	971	971
DGRXE5	ddg	972	972	972	972
DGRXE6	ddg	973	973	973	973
DGRXE7	ddg	974	974	974	974
DGRXE8	ddg	975	975	975	975
DGRXE10	ddg	977	977	977	977
DGRXE11	ddg	978	978	978	978
DGRXE12	ddg	979	979	979	979
DGRXE13	ddg	980	980	980	980
DGRXE14	ddg	981	981	981	981
DGRXE15	ddg	982	982	982	982
DGRXSE0	dg	21150	21450	21450	21400
DGRXSE1	dg	21151	21451	21451	21401
DGRXSE2	dg	21152	21452	21452	21402
DGRXSE3	dg	21153	21453	21453	21403
DGRXSE4	dg	21154	21454	21454	21404
DGRXSE5	dg	21155	21455	21455	21405
DGRXSE6	dg	21156	21456	21456	21406
DGRXSE7	dg	21157	21457	21457	21407
DGRXSE8	dg	21171	21471	21471	21421
DGRXSE9	dg	21172	21472	21472	21422
DHLMASRT	da	20951	21251	21251	21201

DHSH_OVFL	db	40531	41131	-	-
DHSMASRT	da	20946	21246	21246	21196
DILMASRT	da	20929	21229	21229	21179
DISMASRT	da	20925	21225	21225	21175
DLLMASRT	da	20930	21230	21230	21180
DMSMASRT	da	20947	21247	21247	21197
DNLMASRT	da	21094	21394	21394	-
DNSMASRT	da	21095	21395	21395	-
DOLMASRT	da	20897	21197	21197	21147
DOSMASRT	da	20894	21194	21194	21144
DPSMASRT	da	20987	21287	21287	21237
DTBADEV	psi	41950	42550	42550	42550
DTBADOS	psi	41951	42551	42551	42551
DTBADTIMER	psi	41952	42552	42552	42552
DTBADTM	psi	41953	42553	42553	42553
DTETEFail	psi	41954	42554	42554	42554
DTFETE	si	24469	24769	24769	24719
DTLMASRT	da	20961	21261	21261	21211
DTOSSEND	psi	41956	42556	42556	42556
DTPBADEV	sipp	43571	44171	44171	44171
DTPBADOS	sipp	43570	44170	44170	44170
DTPBADTM	sipp	43572	44172	44172	44172
DTP12SMFAIL	sipp	43612	-	-	-
DTREASERR	psi	41955	42555	42555	42555
DTSM2PIFAIL	psi	41957	42557	42557	42557
DTSMASRT	da	20960	21260	21260	21210
DTWRTErr	si	24517	24817	24817	24767

4.16 MNEMONIC INDEX: E

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
E7SMASRT	da	21053	21353	21353	21303
E9LMASRT	da	21002	21302	21302	21252
E9SMASRT	da	21003	21303	21303	21253
EBSMASRT	da	21029	21329	21329	21279
EDLCPOPEN	das	3850	3850	3850	3850
EISMASRT	da	20988	21288	21288	21238
ENSMASRT	da	21118	-	-	-
ERSMASRT	da	20874	21174	21174	21124
EXLMASRT	da	20877	21177	21177	21127
EXSMASRT	da	20884	21184	21184	21134

4.17 MNEMONIC INDEX: FBDNFEATS - FCDSU2NRS

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
FBDNFEATS	fc	21622	21922	21922	21872
FC0000	fc	21270	21570	21570	21520
FC0003	fc	21273	21573	21573	21523
FC0004	fc	21274	21574	21574	21524
FC0005	fc	21275	21575	21575	21525
FC0010	fc	21280	21580	21580	21530
FC0015	fc	21285	21585	21585	21535
FC2CF_LTM	fc	22046	22346	22346	22296
FC0033	fc	21303	21603	21603	21553
FC0034	fc	21304	21604	21604	21554
FC0039	fc	21309	21609	21609	21559
FC3CF_LTM	fc	22047	22347	22347	22297
FC4CF_LTM	fc	22048	22348	22348	22298
FC4WDAC	fc	21977	22277	22277	22227
FC4WDAR	fc	21978	22278	22278	22228
FC4WDRACB	fc	21503	21803	21803	21753
FC0050	fc	21320	21620	21620	21570
FC0052	fc	21322	21622	21622	21572
FC0053	fc	21323	21623	21623	21573
FC0054	fc	21324	21624	21624	21574
FC0055	fc	21325	21625	21625	21575
FC0056	fc	21326	21626	21626	21576
FC0057	fc	21327	21627	21627	21577
FC0059	fc	21329	21629	21629	21579
FC0075	fc	21345	21645	21645	21595

FC0076	fc	21346	21646	21646	21596
FC0079	fc	-	-	-	21599
FC0080	fc	21350	21650	21650	21600
FC0081	fc	21351	21651	21651	21601
FC0082	fc	21352	21652	21652	21602
FC0084	fc	21354	21654	21654	21604
FC0091	fc	21361	21661	21661	21611
FC0092	fc	21362	21662	21662	21612
FC0093	fc	21363	21663	21663	21613
FC0094	fc	21364	21664	21664	21614
FC0097	fc	21367	21667	21667	21617
FC0099	fc	21369	21669	21669	21619
FC0106	fc	21376	21676	21676	21626
FC0107	fc	21377	21677	21677	21627
FC0108	fc	21378	21678	21678	21628
FC0110	fc	21380	21680	21680	21630
FC0111	fc	21381	21681	21681	21631
FC0112	fc	21382	21682	21682	21632
FC0114	fc	21384	21684	21684	21634
FC0115	fc	21385	21685	21685	21635
FC0116	fc	21386	21686	21686	21636
FC0117	fc	21387	21687	21687	21637
FC0118	fc	21388	21688	21688	21638
FC0127	fc	21397	21697	21697	21647
FC0129	fc	21399	21699	21699	21649
FC0155	fc	21425	21725	21725	21675
FC0156	fc	21426	21726	21726	21676
FC911TBAD	fc	21289	21589	21589	21539
FCACB_CF	fc	21650	21950	21950	21900
FCACB_PORT	fc	21651	21951	21951	21901
FCAC_CF	fc	21945	22245	22245	22195
FCACCT_CF	fc	21427	21727	21727	21677
FCACCT_GP	fc	21428	21728	21728	21678
FCACCT_PRT	fc	21429	21729	21729	21679
FCACCT_RTG	fc	21430	21730	21730	21680
FCACDAFAIL	fc	21976	22276	22276	22226
FCACDDIS	fc	22094	22394	22394	22344
FCACPFIX	fc	21953	22253	22253	22203
FCAC_PORT	fc	21905	22205	22205	22155
FCAD1S_IDP	fc	21653	21953	21953	21903
FCAD2S_IDP	fc	21655	21955	21955	21905
FCAHCE9	fc	22060	22360	22360	22310
FCAISSMISS	fc	22043	22343	22343	22293
FCALOSrvOT	fc	21916	22216	22216	22166
FCANCHDENTRY	fc	21481	21781	21781	21731
FCANCHDID	fc	21482	21782	21782	21732
FCANCINENTRY	fc	21535	21835	21835	21785
FCANCINID	fc	21536	21836	21836	21786
FCANCTRENTY	fc	21537	21837	21837	21787
FCANCTRID	fc	21538	21838	21838	21788
FCAPCCC	fc	21419	21719	21719	21669
FCARALTFRL	fc	21442	21742	21742	21692
FCARCBADPARM	fc	21893	22193	22193	22143
FCARCF	fc	21658	21958	21958	21908
FCAR_CF	fc	21944	22244	22244	22194
FCARCMPUNXP	fc	21898	22198	22198	22148
FCARCMGUNXP	fc	21899	22199	22199	22149
FCARCOSMGERR	fc	21900	22200	22200	22150
FCARGP	fc	21659	21959	21959	21909
FCARLNSI	fc	22022	22322	22322	22272
FCARPORT	fc	21660	21960	21960	21910
FCAR_PORT	fc	21906	22206	22206	22156
FCARSCRN	fc	21661	21961	21961	21911
FCARTCM	fc	21522	21822	21822	21772
FCASPAMNST	fc	22097	22397	22397	22347
FCASPANN	fc	22084	22384	22384	22334
FCASPCARTRG	fc	21261	21561	21561	-
FCASPCPFB	fc	21861	22161	22161	22111
FCASPCPOHD	fc	21853	22153	22153	22103
FCASPCUTTHUTRG	fc	22214	22514	-	-
FCASPDFANNC	fc	22166	22466	22466	22416
FCASPDFDNT	fc	22164	22464	22464	22414

FCASPDFSPDN	fc	22165	22465	22465	22415
FCASPEAOHD	fc	22136	22436	22436	22386
FCASP_LTM	fc	22091	22391	22391	22341
FCASPMTNST	fc	22096	22396	22396	22346
FCASPNOBIL	fc	21372	21672	21672	21622
FCASPPMNST	fc	22098	22398	22398	22348
FCASPPORT	fc	22095	22395	22395	22345
FCASPSKMNST	fc	22099	22399	22399	22349
FCASPSTDOHD	fc	21855	22155	22155	22105
FCASP_TPLNK	fc	22211	22511	-	-
FCATCMSGBAD	fc	21771	22071	22071	22021
FCATCOS	fc	21649	21949	21949	21899
FCATCRTIBAD	fc	21772	22072	22072	22022
FCATER01	fc	21759	22059	22059	22009
FCATGP_INV	fc	21437	21737	21737	21687
FCATH_CACHE	fc	21517	21817	21817	21767
FCATH_CF	fc	21433	21733	21733	21683
FCATH_FCOS	fc	21435	21735	21735	21685
FCATH_GP	fc	21436	21736	21736	21686
FCATH_PRT	fc	21434	21734	21734	21684
FCAUDALB	fc	22206	22506	22506	-
FCBAD4WIRE	fc	21501	21801	21801	21751
FCBADACT	fc	21834	22134	22134	22084
FCBADAVMWIPQ	fc	21765	22065	22065	22015
FCBADCDST	fc	22201	22501	22501	-
FCBADMFRAFP	fc	21812	22112	22112	22062
FCBADMOD	fc	21798	22098	22098	22048
FCBADMSG	fc	21833	22133	22133	22083
FCBADMWCRCPQ	fc	21766	22066	22066	22016
FCBADMWIREQ	fc	21762	22062	22062	22012
FCBADNRST	fc	21603	21903	21903	21853
FCBADNS_TN	fc	21707	22007	22007	21957
FCBADOCDS	fc	21254	21554	21554	21504
FCBADOSRET	fc	22207	22507	22507	-
FCBADPARM	fc	21263	21563	21563	21513
FCBADPCRRASP	fc	21862	22162	22162	22112
FCBADPTRSPP	fc	21911	22211	22211	22161
FCBADQMUSIC	fc	22042	22342	22342	22292
FCBADQUE	fc	21787	22087	22087	22037
FCBADRBREAS	fc	22009	22309	22309	22259
FCBADREAS	fc	21466	21766	21766	21716
FCBADSRCTYP	fc	22128	22428	22428	22378
FCBADSTATE	fc	21255	21555	21555	21505
FCBADTMR	fc	21832	22132	22132	22082
FCBADVAL	fp	32040	32370	32370	32220
FCBADVALUE	fc	21252	21552	21552	21502
FCBASP_TP	fc	22212	22512	-	-
FCBCR_NS	fc	22121	22421	22421	22371
FCBDACTN	fc	22006	22306	22306	22256
FCBDFRAME	fc	22014	22314	22314	22264
FCBFGPORT	fc	22117	22417	22417	22367
FCBFGSC_PORT	fc	21973	22273	22273	22223
FCBKLATANUM	fc	21843	22143	22143	22093
FCBLLTP	fc	21474	21774	21774	21724
FCBNETGRP	fc	22015	22315	22315	22265
FCBNS_BILL	fc	22115	22415	22415	22365
FCBNS_DB	fc	21946	22246	22246	22196
FCBNS_IDX	fc	22113	22413	22413	22363
FCBNS_TAT	fc	22129	22429	22429	22379
FCB_PSEUDO	fc	21947	22247	22247	22197
FCBQRY_CNT	fc	22130	22430	22430	22380
FCB_TATDB	fc	22093	22393	22393	22343
FCBTN_INFO	fc	22114	22414	22414	22364
FCBTRANS	fc	22236	-	-	-
FCBTRK_DATA	fc	22045	22345	22345	22295
FCCAL_INFO	fc	22243	-	-	-
FCCAR_GENAV	fc	21993	22293	22293	22243
FCCARRTRIG	fc	21259	21559	21559	-
FCCARTONE	fc	22221	22521	-	-
FCCBCPIDERR	fc	22133	22433	22433	22383
FCCDVTP	fc	21955	22255	22255	22205
FCCDVTRG	fc	21959	22259	22259	22209

FCCDVUNX	fc	21956	22256	22256	22206
FCCF_CF	fc	21663	21963	21963	21913
FCCFCWINTMSG	fc	22199	22499	-	-
FCCFGPCB	fc	21939	22239	22239	22189
FCCFGTDB	fc	21949	22249	22249	22199
FCCFIDLERR	fc	21840	22140	22140	22090
FCCF_LDN	fc	21925	22225	22225	22175
FCCFLNTRM	fc	21830	22130	22130	22080
FCCF_LTM	fc	21664	21964	21964	21914
FCCFOVLNTRM	fc	21838	22138	22138	22088
FCCFOVSCOP	fc	21837	22137	22137	22087
FCCFPF_LTM	fc	21874	22174	22174	22124
FCCFSCOP	fc	21828	22128	22128	22078
FCCHRGIDXEXP	fc	22055	22355	22355	22305
FCKT_PORT	fc	22118	22418	22418	22368
FCCLMDSP	fc	21793	22093	22093	22043
FCCLSUSPP	fc	22107	22407	22407	22357
FCCNAMDATA	fc	22112	22412	22412	22362
FC_COINCHG	fc	21702	22002	22002	21952
FCCOPER_SIG	fc	22064	22364	22364	22314
FCCORC	fc	21801	22101	22101	22051
FCCOT_CF	fc	21904	22204	22204	22154
FCCOTCLASS	fc	21940	22240	22240	22190
FCCOTDISP	fc	21941	22241	22241	22191
FCCOTRESP	fc	21942	22242	22242	22192
FCCOTTMEQ	fc	21943	22243	22243	22193
FCCPNBNC	fc	21964	22264	22264	22214
FCCPPOPC	fc	21854	22154	22154	22104
FCCR_STUCK	fc	22053	22353	22353	22303
FCCW_CF	fc	21665	21965	21965	21915
FCCW_PORT	fc	21666	21966	21966	21916
FCDALCARTONE	fc	22220	22520	-	-
FCDAORAF	fc	22151	-	-	-
FCDB_AMGPD	fc	21863	22163	22163	22113
FCDCAVTER	fc	21816	22116	22116	22066
FCDEFAULT	fc	21632	21932	21932	21882
FCDESTYP	fc	21612	21912	21912	21862
FCDIOPRFAIL	fc	21844	22144	22144	22094
FCDIOPRREL	fc	21411	21711	21711	21661
FCDIOPRTUP	fc	21412	21712	21712	21662
FCDISERV	fc	21948	22248	22248	22198
FCDNBFG	fc	21780	22080	22080	22030
FCDNFEAT	fc	21458	21758	21758	21708
FCDNINCON	fc	22050	22350	22350	22300
FCDR_CF	fc	21667	21967	21967	21917
FCDSPMSG	fc	22054	22354	22354	22304
FCDU2NRS	fc	21783	22083	22083	22033

4.18 MNEMONIC INDEX: FCE9BADSFSG - FCPHDBER

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
FCE9BADSFSG	fc	21915	22215	22215	22165
FCE9DA_ERR	fc	22156	22456	-	-
FCE9DASBAD	fc	22074	22374	22374	22324
FCE9DNBAD	fc	22076	22376	22376	22326
FCE9ESCOBAD	fc	22072	22372	22372	22322
FCE9OPBAD	fc	21290	21590	21590	21540
FCE9QRYBAD	fc	22077	22377	22377	22327
FCE9SABAD	fc	22075	22375	22375	22325
FCE911INVNPA	fc	22197	-	-	-
FCE911PSAP	fc	22058	22358	22358	22308
FCEDSLTKG	fc	22073	22373	22373	22323
FCERDISP	fc	22226	-	-	-
FCERFRNAMA	fc	22244	-	-	-
FCERNS_BILL	fc	22145	22445	22445	22395
FCERNSDB	fc	22144	22444	22444	22394
FCERNS_IDX	fc	22143	22443	22443	22393
FCERRMSGSZ	fc	22132	22432	22432	22382
FCERTATDB	fc	22147	22447	22447	22397
FCERTN_INFO	fc	22146	22446	22446	22396
FCERTRANS	fc	22227	-	-	-

FCERTXNIF	fc	22228	-	-	-
FC_FACIDS	fc	21785	22085	22085	22035
FCFCPORTYP	fc	22062	22362	22362	22312
FCFLNPAMAP	fc	21845	22145	22145	22095
FCFPCCB	fc	21500	21800	21800	21750
FCFRLRNG	fc	22011	22311	22311	22261
FCFRUNEXP	fc	22205	22505	22505	-
FCGENRATNF	fc	22222	-	-	-
FCGENSCA	fc	21979	22279	22279	22229
FCGENSCF	fc	21980	22280	22280	22230
FCGENSCR	fc	21981	22281	22281	22231
FCGENSDA	fc	21982	22282	22282	22232
FCGETCBDB	fc	21490	21790	21790	21740
FCGHCLMD	fc	21994	22294	22294	22244
FCGHPCC	fc	21960	22260	22260	22210
FCGRPNET	fc	22110	22410	22410	22360
FCGSCLMD	fc	21995	22295	22295	22245
FCGSPCC	fc	21961	22261	22261	22211
FCHCALIST	fc	22013	22313	22313	22263
FCHCFLIST	fc	22023	22323	22323	22273
FCHCRLIST	fc	22024	22324	22324	22274
FCHCSUAUD	fc	22108	22408	22408	22358
FCHDALIST	fc	22025	22325	22325	22275
FCHI_CF	fc	22035	22335	22335	22285
FCHOTELFAIL	fc	21846	22146	22146	22096
FCHTLREL	fc	21406	21706	21706	21656
FCHTLTUP	fc	21407	21707	21707	21657
FCICBGP1	fc	22031	22331	22331	22281
FCICBGP2	fc	22032	22332	22332	22282
FCICBGP3	fc	22033	22333	22333	22283
FCICBGP4	fc	22034	22334	22334	22284
FCIDP_ACT	fc	21669	21969	21969	21919
FCIDP_AERT	fc	22039	22339	22339	22289
FCIDP_CF	fc	21670	21970	21970	21920
FCIDP_DTRE	fc	21672	21972	21972	21922
FCIDP_ERT	fc	22038	22338	22338	22288
FCIDP_GP	fc	21673	21973	21973	21923
FCIDP_ICOM	fc	21674	21974	21974	21924
FCIDP_MBGE	fc	22148	22448	22448	22398
FCIDP_PORT	fc	21675	21975	21975	21925
FCIDPRDTRE	fc	21907	22207	22207	22157
FCIDPRICOM	fc	21938	22238	22238	22188
FCIMPDGTS	fc	22000	22300	22300	22250
FCINASP_TP	fc	22213	22513	-	-
FCINMSGMWI	fc	21763	22063	22063	22013
FCINNS_BILL	fc	22124	22424	22424	22374
FCINNS_IDX	fc	22122	22422	22422	22372
FCINSATCALL	fc	22157	22457	22457	22407
FCINSDISP	fc	22229	-	-	-
FCINSDYN	fc	21483	21783	21783	21733
FCINSFRNAMA	fc	22245	-	-	-
FCINSNSDB	fc	22078	22378	22378	22328
FCINSTATDB	fc	22100	22400	22400	22350
FCINSTRANS	fc	22230	-	-	-
FCINSTXNIF	fc	22231	-	-	-
FCINTN_INFO	fc	22123	22423	22423	22373
FCINVAPDATA	fc	22198	22498	22498	-
FCINV_GPID	fc	21431	21731	21731	21681
FCINVMSGGRASP	fc	21811	22111	22111	22061
FCINVMWITP	fc	21760	22060	22060	22010
FCINVMWRFTP	fc	21767	22067	22067	22017
FCINVSLOT	fc	21839	22139	22139	22089
FCINVTNSC2DAS	fc	22202	22502	22502	-
FCIPNSTRIG	fc	22153	22453	22453	22403
FCISPRTIBAD	fc	22135	22435	22435	22385
FCISPSCRN	fc	21408	21708	21708	21658
FCIVLFEATCNT	fc	22003	22303	22303	22253
FCLNADB	fc	21519	21819	21819	21769
FCLNAPB	fc	22141	22441	22441	22391
FCLNARPORT	fc	22021	22321	22321	22271
FCLNBRC	fc	21484	21784	21784	21734
FCLNBRET	fc	22004	22304	22304	22254

FCLNCBDB	fc	21485	21785	21785	21735
FCLNCBPC	fc	21491	21791	21791	21741
FCLNCLDB	fc	21962	22262	22262	22212
FCLNDALB	fc	21486	21786	21786	21736
FCLNEDSLANI	fc	22016	22316	22316	22266
FCLNFFINTF	fc	21999	22299	22299	22249
FCLNFINTF	fc	22005	22305	22305	22255
FCLNISDNANI	fc	22017	22317	22317	22267
FCLNLSCMDB	fc	22083	22383	22383	22333
FCLNMDB	fc	21963	22263	22263	22213
FCLNNOCAR	fc	22020	22320	22320	22270
FCLNPFANI	fc	22018	22318	22318	22268
FCLNSCMDB	fc	21520	21820	21820	21770
FCLNTCMDG	fc	22026	22326	22326	22276
FCLPCE9	fc	22056	22356	22356	22306
FCLPTSPID	fc	21958	22258	22258	22208
FCLSF_CF	fc	21972	22272	22272	22222
FCLSFHCA	fc	21987	22287	22287	22237
FCLSFHCF	fc	21988	22288	22288	22238
FCLSFHCR	fc	21989	22289	22289	22239
FCLSFHDA	fc	21990	22290	22290	22240
FCLSFSCA	fc	21983	22283	22283	22233
FCLSFSCF	fc	21984	22284	22284	22234
FCLSFSCR	fc	21985	22285	22285	22235
FCLSFSDA	fc	21986	22286	22286	22236
FCLSNTWK	fc	22007	22307	22307	22257
FCLTATPLER	fc	21920	22220	22220	22170
FCLTBRMSER	fc	21886	22186	22186	22136
FCLTCOSER	fc	21924	22224	22224	22174
FCLTEXTMSG	fc	21926	22226	22226	22176
FCLTGTUPER	fc	21922	22222	22222	22172
FCLTINTMSG	fc	21927	22227	22227	22177
FCLTLINKER	fc	21923	22223	22223	22173
FCLTM_PORT	fc	21676	21976	21976	21926
FCLTREORER	fc	21921	22221	22221	22171
FCLTSBPORT	fc	21884	22184	22184	22134
	fp	32367	32367	32217	-
FCLTSCSPMSG	fc	21885	22185	22185	22135
FCLTUNLKER	fc	21919	22219	22219	22169
FCLTUXBRCS	fc	21888	22188	22188	22138
FCMDC_GRP	fc	21518	21818	21818	21768
FCMDCINV	fc	21627	21927	21927	21877
FCMDRCF	fc	21452	21752	21752	21702
FCMDRGP	fc	21455	21755	21755	21705
FCMDRINVGPIID	fc	21454	21754	21754	21704
FCMDRPORT	fc	21453	21753	21753	21703
FCMDS_CF	fc	21465	21765	21765	21715
FCMDS_GRP	fc	21469	21769	21769	21719
FCMDS_IGR	fc	21468	21768	21768	21718
FCMDS_INVAP	fc	21715	22015	22015	21965
FCMDS_PORT	fc	21467	21767	21767	21717
FCMHG_CF	fc	21802	22102	22102	22052
FCMHG_TGSR	fc	21954	22254	22254	22204
FCMQSET1	fc	21448	21748	21748	21698
FCMQSET2	fc	21449	21749	21749	21699
FCMQWHN1	fc	21450	21750	21750	21700
FCMQWHN2	fc	21451	21751	21751	21701
FCMSFREQ	fc	21472	21772	21772	21722
FCMSGFLRASP	fc	21835	22135	22135	22085
FCMSINVACT	fc	21696	21996	21996	21946
FCMSMWIDA	fc	22068	22368	22368	22318
FCMSPMSG	fc	21471	21771	21771	21721
FCMSSAPBFAIL	fc	21799	22099	22099	22049
FCMSSIPOD	fc	21769	22069	22069	22019
FCMSSPIN	fc	21470	21770	21770	21720
FCMWCF	fc	21677	21977	21977	21927
FCMWIBADHC	fc	22065	22365	22365	22315
FCMWIBODD	fc	21711	22011	22011	21961
FCMWISDNERR	fc	21602	21902	21902	21852
FCMWITP	fc	21473	21773	21773	21723
FCMWNOCC	fc	21609	21909	21909	21859
FCMWOSSNDERR	fc	22040	22340	22340	22290

FCMWPORT	fc	21678	21978	21978	21928
FCMWRFTP	fc	21475	21775	21775	21725
FCNCPDIP	fc	22111	22411	22411	22361
FCNFTLDB	fc	21250	21550	21550	21500
FCNLUPERR	fc	21512	21812	21812	21762
FCNOCCODE	fc	22200	22500	-	-
FCNOCFDA	fc	22169	22469	22469	22419
FCNOEONCOS	fc	22208	22508	22508	-
FCNOHDALB	fc	21613	21913	21913	21863
FCNOISLN	fc	21600	21900	21900	21850
FCNOLNPTRIG	fc	22196	22496	22496	-
FCNOMEMCLMD	fc	21795	22095	22095	22045
FCNOMEMPCCL	fc	21794	22094	22094	22044
FCNOMUSRC	fc	22104	22404	22404	22354
FCNOMWIREQ	fc	21761	22061	22061	22011
FCNONRST	fc	21604	21904	21904	21854
FCNONSDB	fc	21952	22252	22252	22202
FCNOPAPB	fc	21712	22012	22012	21962
FCNOPRT2MWI	fc	21764	22064	22064	22014
FCNORRTI	fc	22102	22402	22402	22352
FCNOTATDB	fc	22101	22401	22401	22351
FCNOTGTO	fc	22079	22379	22379	22329
FCNPAMAPTUP	fc	21847	22147	22147	22097
FCNPTMOD	fc	21757	22057	22057	22007
FCNS_ALGT	fc	22127	22427	22427	22377
FCNSOFF	fc	21950	22250	22250	22200
FCNSON	fc	21951	22251	22251	22201
FCNS_SCR	fc	22134	22434	22434	22384
FCNS_TRIG	fc	22126	22426	22426	22376
FCNULPORT	fc	22120	22420	22420	22370
FCOAEXMAPFAIL	fc	21848	22148	22148	22098
FCOFFICECODE	fc	22044	22344	22344	22294
FCOHICSD	fc	22189	22489	22489	22439
FCOPRTKFAIL	fc	21849	22149	22149	22099
FCOPRTKREL	fc	21409	21709	21709	21659
FCOPRTKTUP	fc	21410	21710	21710	21660
FCOSLNGTH	fc	21633	21933	21933	21883
FCOSWTFail	fc	21607	21907	21907	21857
FCPAORAF	fc	22152	-	-	-
FCPCC_CC	ccs	28798	29098	29098	28948
FCPCCLSPP	fc	22187	22187	22137	-
FCPEDSGRP	fc	21792	22092	22092	22042
FCPFCPECOS	fc	22191	22491	22491	22441
FCPF_CT	fc	22027	22327	22327	22277
FCPF_GP	fc	22028	22328	22328	22278
FCPF_NONCT	fc	21679	21979	21979	21929
FCPF_PARM	fc	22052	22352	22352	22302
FCPF_PCT	fc	21680	21980	21980	21930
FCPF_PORT	fc	22030	22330	22330	22280
FCPF_POVL	fc	21681	21981	21981	21931
FCPHDBER	fc	22029	22329	22329	22279
	fc	21611	21911	21911	21861

4.19 MNEMONIC INDEX: FCPNGRNG - FIODBWGM

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
FCPNGRNG	fc	21934	22234	22234	22184
FCPP_CF	fc	21879	22179	22179	22129
FCPP_COI	fc	21882	22182	22182	22132
FCPP_COS	fc	21881	22181	22181	22131
FCPP_LTM	fc	21782	22082	22082	22032
FCPPSI04	fc	21390	21690	21690	21640
FCPP_TRUNK	fc	21880	22180	22180	22130
FCPRISTAT	fc	22210	22510	-	-
FCPUENTRY	fc	21913	22213	22213	22163
FCPUG_SM	fc	21786	22086	22086	22036
FCPU_LTM	fc	21685	21985	21985	21935
FCPUO_CF	fc	21683	21983	21983	21933
FCPUO_ROUT	fc	21883	22183	22183	22133
FCPU_PORT	fc	21686	21986	21986	21936
FCPUQUEUE	fc	21914	22214	22214	22164

FCPUT_CF	fc	21684	21984	21984	21934
FCPZEDSGPID	fc	22192	22492	22492	22442
FCQDATNAVL	fc	22019	22319	22319	22269
FCRASPIN	fc	21836	22136	22136	22086
FCRBQBTP	fc	21441	21741	21741	21691
FCRCMULTIDN	fc	22176	22476	22476	22426
FCREDIRCNT	fc	22116	22416	22416	22366
FCRELAYMSGGER	fc	22131	22431	22431	22381
FCRERTFAIL	fc	22061	22361	22361	22311
FCRGLPRM	fc	21488	21788	21788	21738
FCRHHCE9	fc	22057	22357	22357	22307
FCRTDNMOD	fc	21864	22164	22164	22114
FCRT_DNTRAN	fc	21865	22165	22165	22115
FCRTROUTING	fc	22008	22308	22308	22258
FCRTSCRNFAL	fc	21850	22150	22150	22100
FCRT_SCRNING	fc	22063	22363	22363	22313
FCRT_TG	fc	22088	22388	22388	22338
FCSASINV	fc	21371	-	-	-
FCSCALTM	fc	21968	22268	22268	22218
FCSC_CF	fc	21974	22274	22274	22224
FCSCFLTM	fc	21969	22269	22269	22219
FCSCM_NSCM	fc	21957	22257	22257	22207
FCSCPDAS	fc	21965	22265	22265	22215
FCSC_PORT	fc	21975	22275	22275	22225
FCSCRANG	fc	-	-	-	22251
FCSCRLTM	fc	21970	22270	22270	22220
FCSDALTM	fc	21971	22271	22271	22221
FCSDNBDBF	fc	21460	21760	21760	21710
	fita	32895	32895	32745	-
	fp	32300	32300	32150	-
FCSDNBRET	fc	21903	22203	22203	22153
FCSDNFFINTF	fc	21909	22209	22209	22159
FCSDNFINTF	fc	21908	22208	22208	22158
FSENDMSG	fc	22059	22359	22359	22309
FCSHRINCON	fc	22051	22351	22351	22301
FCSHTERM	fc	21618	21918	21918	21868
FCSHTRMCNT	fc	22010	22310	22310	22260
FCSLEBADMSG	fc	21966	22266	22266	22216
FCSLEDEFAULT	fc	21930	22230	22230	22180
FCSLEDSP	fc	21991	22291	22291	22241
FCSLEINVLDREQ	fc	21967	22267	22267	22217
FCSLELENGTHERR	fc	21929	22229	22229	22179
FCSLEPROCERR	fc	21928	22228	22228	22178
FCSLETARG	fc	21997	22297	22297	22247
FCSLETFID	fc	21998	22298	22298	22248
FCSLETMRC	fc	21996	22296	22296	22246
FCSMASRT	da	21113	-	-	-
FCSMSEQIDX	fc	21992	22292	22292	22242
FCSPABILLDN	fc	21875	22175	22175	22125
FCSPABNDSCRN	fc	21876	22176	22176	22126
FCSPAENXX	fc	21877	22177	22177	22127
FCSTRCARTONE	fc	22223	22523	-	-
FCTAT_LNTM	fc	22090	22390	22390	22340
FCTATON	fc	22125	22425	22425	22375
FCTATSTATE	fc	22089	22389	22389	22339
FCTCMINVRAN	fc	21521	21821	21821	21771
FCTCMRNG	fc	22012	22312	22312	22262
FCTCWPARMS	fc	22225	-	-	-
FCTD_CF	fc	21687	21987	21987	21937
FCTD_CODE	fc	21688	21988	21988	21938
FCTD_SCHD	fc	21689	21989	21989	21939
FCTG_CF	fc	21691	21991	21991	21941
FCTGLTM	fc	22105	22405	22405	22355
FCTMRARCFAL	fc	21901	22201	22201	22151
FCTPUNXMSG	fc	22041	22341	22341	22291
FCTRANSEXCEED	fc	22217	22504	22504	-
FCTREDLANI	fc	21932	22232	22232	22182
FCTRKLN	fc	22002	22302	22302	22252
FCTRKNOTA	fc	22103	22403	22403	22353
FCTRKSDN	fc	21933	22233	22233	22183
FCTRMFBG	fc	21781	22081	22081	22031
FCTRMFEAT	fc	21459	21759	21759	21709

FCTRMNCON	fc	22049	22349	22349	22299
FCTRPFANI	fc	21931	22231	22231	22181
FC_TRUNK	fc	21705	22005	22005	21955
FCTR_UNKN	fc	21910	22210	22210	22160
FCTSDBER	fc	21614	21914	21914	21864
FCUEXPRET	fc	21506	-	-	-
FCUGLPRM	fc	21489	21789	21789	21739
FCULNSDB	fc	22036	22336	22336	22286
FCUNCNFL	fc	21423	21723	21723	21673
FCUNDPINFO	fc	21523	21823	21823	21773
FCUNFLGNSC	fc	21525	21825	21825	21775
FCUNNSC	fc	21526	21826	21826	21776
FCUNOFFON	fc	21527	21827	21827	21777
FCUNONDI	fc	21528	21828	21828	21778
FCUNONOFF	fc	21529	21829	21829	21779
FCUNRLOFFON	fc	21530	21830	21830	21780
FCUNXDESTTYPE	fc	22066	22366	22366	22316
FCUNXMSG	fc	21251	21551	21551	21501
	fcph	34175	-	-	-
FCUNXPECTEDRET	fc	22246	-	-	-
FCUNXTYPICALL	fc	22067	22367	22367	22317
FCUPCCB	fc	21510	21810	21810	21760
FCVPNPRIODH	fc	22177	22477	22477	-
FI0001	fita	32526	32856	32856	32706
FI0003	fita	32528	32858	32858	32708
FI0004	fita	32529	32859	32859	32709
FI0034	fita	32639	32969	32969	32819
FI0040	fita	32530	32860	32860	32710
FI0042	fita	32640	32970	32970	32820
FI0114	fita	32563	32893	32893	32743
FIACDENT	fita	32650	32980	32980	32830
FIACDIDS	fita	32649	32979	32979	32829
FIACDINF	fita	32610	32940	32940	32790
FIACDINP	fita	32612	32942	32942	32792
FIACDMSG	fita	32607	32937	32937	32787
FIACDPOSDB	fita	32588	32918	32918	32768
FIACDSPI	fita	32606	32936	32936	32786
FIACSR_GRP	fita	32551	32881	32881	32731
FIACSR_OPT	fita	32552	32882	32882	32732
FIAFICWA	fita	32615	32945	32945	32795
FIAFIGNE	fita	32637	32967	32967	32817
FIAFIMSGNR	fita	32633	32963	32963	32813
FIAFITPI	fita	32609	32939	32939	32789
FIAFIUNXTAG	fita	32616	32946	32946	32796
FIAFIUXXMSG	fita	32617	32947	32947	32797
FI_ANOUNCE	fita	32641	32971	32971	32821
FIAPCCC	fita	32592	32922	32922	32772
FIAUACDINFO	fita	32636	32966	32966	32816
FIAUACDPOSDB	fita	32635	32965	32965	32815
FIAUDALB	fita	32643	32973	32973	32823
FIAUDPB	fita	32644	32974	32974	32824
FIAUTEDB	fita	32611	32941	32941	32791
FIBADBRG	fita	32642	32972	32972	32822
FIBADMSG	fita	32660	32990	32990	-
FIBADPARM	fita	32645	32975	32975	32825
FIBADVALUE	fita	32560	32890	32890	32740
FIBFGPORT	fita	32581	32911	32911	32761
FIBFGPP_LTM	fita	32573	32903	32903	32753
FIBSTPOSDB	fita	32634	32964	32964	32814
FICLMDSP	fita	32567	32897	32897	32747
FICLSUSPP	fita	32578	32908	32908	32758
FICPNBNCF	fita	32566	32896	32896	32746
FICVALCE	fita	32593	32923	32923	32773
FICVBADS	fita	32603	32933	32933	32783
FICVCORD	fita	32594	32924	32924	32774
FICVDBRF	fita	32595	32925	32925	32775
FICVEBADS	fita	32596	32926	32926	32776
FICVLNKE	fita	32597	32927	32927	32777
FICVMPRT	fita	32598	32928	32928	32778
FICVSDLK	fita	32599	32929	32929	32779
FICVUXEV	fita	32600	32930	32930	32780
FIDATIMER	fita	32589	32919	32919	32769

FIDNFEATS	fita	32591	32921	32921	32771
FIDNLPT	fita	32583	32913	32913	32763
FIDSL_EQUIP	fita	32553	32883	32883	32733
FIDSP_ACN	fita	32584	32914	32914	32764
FIDSP_RMSG	fita	32585	32915	32915	32765
FIDSP_SWTCH	fita	32586	32916	32916	32766
FIEDSLGPRT	fita	32556	32886	32886	32736
FIEDSLTRKG	fita	32557	32887	32887	32737
FIEODPSOP	fita	32533	32863	32863	32713
FIFAPERR	fita	32601	32931	32931	32781
FIFBDPB	fita	32536	32866	32866	32716
FIFBNOTEDB	fita	32608	32938	32938	32788
FIFBTEDB	fita	32537	32867	32867	32717
FIFCLINE	fita	32538	32868	32868	32718
FIFCPORTYP	fita	32574	32904	32904	32754
FIFCTRNM	fita	32602	32932	32932	32782
FIFC_TRUNK	fita	32568	32898	32898	32748
FIFPCDA	fita	32561	32891	32891	32741
FIGETDALB	fita	32562	32892	32892	32742
FIGETPTLA	fita	32659	32989	32989	-
FIGOTEDA	fita	32587	32917	32917	32767
FIINAFIR	fita	32638	32968	32968	32818
FIINVINIT	fita	32618	32948	32948	32798
FIINVREASON	fita	32539	32869	32869	32719
FIINVRSN	fita	32619	32949	32949	32799
FIINVTMR	fita	32620	32950	32950	32800
FIISLINE	fita	32572	32902	32902	32752
FILPT_PT	fita	32665	32995	32995	-
FILPTSPID	fita	32569	32899	32899	32749
FILTM_PORT	fita	32670	33000	33000	-
FILTSBPORT	fita	32669	32999	32999	-
FIMBBADMSG	fita	32628	32958	32958	32808
FIMBBADPAR	fita	32632	32962	32962	32812
FIMBBADRET	fita	32631	32961	32961	32811
FIMBBADSTATE	fita	32630	32960	32960	32810
FIMBNOMSG	fita	32627	32957	32957	32807
FIMBUNEXP	fita	32626	32956	32956	32806
FIMBUXMG	fita	32629	32959	32959	32809
FIMPGPERR	fita	32531	32861	32861	32711
FIMPMSGERR	fita	32532	32862	32862	32712
FINFTLDB	fita	32559	32889	32889	32739
FINOBNFEAT	fita	32540	32870	32870	32720
FINOCCODE	fita	32554	32884	32884	32734
FINOCTINFO	fita	32625	32955	32955	32805
FINOE9ACD	fita	32653	32983	32983	32833
FINOFEATBN	fita	32575	32905	32905	32755
FINO_FENPA	fita	32667	32997	32997	-
FINOSTINFO	fita	32590	32920	32920	32770
FINPASRC	fita	32668	32998	32998	-
FINSFMAP	fita	32558	32888	32888	32738
FINULPORT	fita	32582	32912	32912	32762
FIOBBAD	fita	32544	32874	32874	32724
FIOBBERRMSG	fita	32541	32871	32871	32721
FIOBPHR	fita	32543	32873	32873	32723
FIOBSPH	fita	32542	32872	32872	32722
FIOBUNR	fita	32545	32875	32875	32725
FIOBWGM	fita	32546	32876	32876	32726

4.20 MNEMONIC INDEX: FIOFFICECODE - FUSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
FIOFFICECODE	fita	32624	32954	32954	32804
FIOPTLVL	fita	32613	32943	32943	32793
FIORNOCT	fita	32614	32944	32944	32794
FIPACK_NLOADED	fita	32547	32877	32877	32727
FIPCOPSP	fita	32646	32976	32976	32826
FIPEDSGRP	fita	32672	33002	-	-
FIPORTGRP	fita	32548	32878	32878	32728
FIPP_CF	fita	32652	32982	32982	32832
FIPP_LTM	fita	32576	32906	32906	32756
FIPP_TRUNK	fita	32651	32981	32981	32831

FIPRIFEATS	fita	32671	33001	-	-
FIPRISTAT	fita	32605	32935	32935	32785
FIPSSENDASRT	fita	32549	32879	32879	32729
FIQVINVT	fita	32525	32855	32855	32705
FIQVUXMSG	fita	32622	32952	32952	32802
FIQVUXPROC	fita	32623	32953	32953	32803
FIQVUXSTATUS	fita	32527	32857	32857	32707
FIQVUXTYPE	fita	32621	32951	32951	32801
FIRTDNMOD	fita	32534	32864	32864	32714
FIRT_DNTRAN	fita	32535	32865	32865	32715
FIRT_SCRNING	fita	32647	32977	32977	32827
FIRT_TRKG	fita	32658	32988	32988	-
FISCRANG	fita	32666	32996	32996	-
FISHTERM	fita	32570	32900	32900	32750
FISPID	fita	32555	32885	32885	32735
FI_TAG_MAP	fita	32677	-	-	-
FITATYPE	fita	32577	32907	32907	32757
FITERMCA	fita	32550	32880	32880	32730
FITPCBADPID	fita	32648	-	-	-
FITPCINV	fita	32663	32993	32993	32843
FITPCIPG	fita	32654	32984	32984	32834
FITPCSP1	fita	32655	32985	32985	32835
FITPCSP2	fita	32656	32986	32986	32836
FITPCSP3	fita	32657	32987	32987	32837
FITPCSP1	fita	32564	-	-	-
FITPCSP2	fita	32673	-	-	-
FITPCSP3	fita	32674	-	-	-
FITPCSP4	fita	32675	-	-	-
FITPCSP5	fita	32676	-	-	-
FITPUNXMSG	fita	32579	32909	32909	32759
FITSM_BMAP	fita	32662	32992	32992	-
FITSM_BTN	fita	32664	32994	32994	-
FITSMTRING	fita	32661	32991	32991	-
FIUNXMSG	fita	32580	32910	32910	32760
FIUUICHK	fita	32571	32901	32901	32751
FIWBTBLOCK	fita	32604	32934	32934	32784
FLLMASRT	da	20888	21188	21188	21138
FLOW_ERR	si	24320	24620	24620	24570
FLSMASRT	da	21028	21328	21328	21278
FP0001	fp	-	32264	32264	32114
FP0003	fp	31935	32265	32265	32115
FP0004	fp	-	32266	32266	32116
FP0005	fp	-	32267	32267	32117
FP0010	fp	31938	32268	32268	32118
FP0012	fp	-	32269	32269	32119
FP0028	fp	31942	32272	32272	32122
FP0029	fp	-	32273	32273	32123
FP0030	fp	31944	32274	32274	32124
FP0031	fp	31945	32275	32275	32125
FP0032	fp	31946	32276	32276	32126
FP0033	fp	31947	32277	32277	32127
FP0034	fp	31948	32278	32278	32128
FP0039	fp	31949	32279	32279	32129
FP0040	fp	31950	32280	32280	32130
FP0041	fp	31951	32281	32281	32131
FP0042	fp	31952	32282	32282	32132
FP0046	fp	31953	32283	32283	32133
FP0047	fp	-	-	-	32134
FP0048	fp	31955	32285	32285	32135
FP0049	fp	31956	32286	32286	32136
FP4WDRNG	fp	31972	32302	32302	32152
FP_4WIRE	fp	32027	32357	32357	32207
FP0062	fp	31959	32289	32289	32139
FP0074	fp	31960	32290	32290	32140
FP0080	fp	31961	32291	32291	32141
FP0081	fp	31962	32292	32292	32142
FP0113	fp	31963	32293	32293	32143
FP911TBAD	fp	31933	32263	32263	32113
FP_911TRNK	fp	31988	32318	32318	32168
FPAMCMCID	fp	32038	32368	32368	32218
FPAMTKGP	fp	32073	32403	32403	32253
FPANIDFLT	fp	31934	-	-	-

FP_ANOUNCE	fp	31989	32319	32319	32169
FPARCF	fp	31979	32309	32309	32159
FPARGP	fp	31980	32310	32310	32160
FPARPORT	fp	31981	32311	32311	32161
FPARSEGSIG	fp	31964	32294	32294	32144
FPARTCM	fp	31973	32303	32303	32153
FPASI_CF	fp	32071	32401	32401	32251
FPASI_GP	fp	32070	32400	32400	32250
FPASI_PORT	fp	32069	32399	32399	32249
FPASP_DC	fp	-	-	32380	32230
FPATMPT_OVLP	fp	32055	32385	32385	32235
FPBAD4WIRE	fp	31971	32301	32301	32151
FPBADBILLDN	fp	32052	32382	32382	32232
FPBAD CUT	fp	31936	-	-	-
FPBADPARM	fp	31932	32262	32262	32112
FPBADPDB	fp	31928	32258	32258	32108
FPBADQUE	fp	31998	32328	32328	32178
FPBADRET	fp	31931	32261	32261	32111
FPBADSIG	fp	32062	32392	32392	32242
FPBADSTATE	fp	31929	32259	32259	32109
FPBADTC	fp	32057	32387	32387	32237
FPBADTCOS	fp	31930	32260	32260	32110
FPBADVALUE	fp	-	32257	32257	32107
FPBD ACTP	fp	32059	32389	32389	32239
FPBDCITP	fp	32058	32388	32388	32238
FPBFGARPORT	fp	31999	32329	32329	32179
FPBFG_ASI	fp	32068	32398	32398	32248
FPBFGMDR_PORT	fp	32042	32372	32372	32222
FPBFGPORT	fp	32064	32394	32394	32244
FPBFGTG_LTMR	fp	32000	32330	32330	32180
FPBORIGCOS	fp	32053	32383	32383	32233
FPBTERMCOS	fp	32054	32384	32384	32234
FP_CARR	fp	31990	32320	32320	32170
FP_CARTONE	fp	32086	32416	-	-
FPCHGTBL	fp	32006	32336	32336	32186
FPCHRGIDXEXP	fp	32005	32335	32335	32185
FPCKT_PORT	fp	32065	32395	32395	32245
FPCLMDSPP	fp	31941	32271	32271	32121
FP_COINCHG	fp	31991	32321	32321	32171
FP_CONF_TYPE	fp	32076	32406	32406	32256
FPDAPRL	fp	32035	32365	32365	32215
FPDAPRL1	fp	32033	32363	32363	32213
FPDAPRL2	fp	32034	32364	32364	32214
FPDATIMER	fp	32017	32347	32347	32197
FPDCACVTER	fp	32074	32404	32404	32254
FPDI_COMP	fp	31954	32284	32284	-
FPDIGDPT	fp	32063	32393	32393	32243
FPDIGSTRT	fp	32032	32362	32362	32212
FP_DIRCON	fp	31992	32322	32322	32172
FPDNBFG	fp	31995	32325	32325	32175
FPDNFEA2	fp	31976	32306	32306	32156
FPDNFEAT	fp	31968	32298	32298	32148
FPDR_LTM	fp	31983	32313	32313	32163
FPDSU2NRS	fp	32043	32373	32373	32223
FPE9TKESCO	fp	31987	32317	32317	32167
FPEAIIDIGS	fp	32018	32348	32348	32198
FPEDSLTRKG	fp	32011	32341	32341	32191
FPERR	fp	32077	-	-	-
FPFCLINE	fp	31975	32305	32305	32155
FPFC_OPERTRK	fp	32003	32333	32333	32183
FPFCPORTYP	fp	31977	32307	32307	32157
FPFC_TDIRC	fp	32010	32340	32340	32190
FPFC_WZ1	fp	32013	32343	32343	32193
FPGETCHT	fp	32007	32337	32337	32187
FPGLRE3	fp	31978	32308	32308	32158
FPGLR_NC	fp	32036	32366	32366	32216
FPICLIDB	fp	32002	32332	32332	32182
FPICLIDIDX	fp	32001	32331	32331	32181
FPIMTGRPS	fp	32008	32338	32338	32188
FPINVTNSC	fp	32080	32410	32410	-
FPINVTNSC2DAS	fp	32081	32411	32411	-
FPLDPTNSC	fp	32083	32413	32413	-

FPLINE_SCN	fp	32051	32381	32381	32231
FPLNBRET	fp	32045	32375	32375	32225
FPLNDAS	fp	32046	32376	32376	32226
FPLNDGST	fp	32021	32351	32351	32201
FPLNPKG	fp	32047	32377	32377	32227
FPLNPTYPCI	fp	32084	32414	-	-
FPLRN_RTTYPE	fp	32050	32380	-	-
FPLTSBPORT	fp	32016	32346	32346	32196
FPMDRGP	fp	31967	32297	32297	32147
FPMDRINVGPID	fp	31966	32296	32296	32146
FPMDRPORT	fp	31965	32295	32295	32145
FPMWCF	fp	32025	32355	32355	32205
FPNFTLDB	fp	31925	32255	32255	32105
FPNODEST	fp	32060	32390	32390	32240
FPNOEAO	fp	32061	32391	32391	32241
FPNS_TNLNK	fp	32049	32379	32379	32229
FPNULPORT	fp	32067	32397	32397	32247
FPNVLSCFID	fp	31958	32288	32288	32138
FPOFFICECODE	fp	32056	32386	32386	32236
FPOW_BADCICALL	fp	32072	32402	32402	32252
FPPCCLSP	fp	31940	32270	32270	32120
FPPCONF1	fp	32023	32353	32353	32203
FPPCONF2	fp	32024	32354	32354	32204
FPPF_CPSL	fp	32009	32339	32339	32189
FPPF_TKDN	fp	31984	32314	32314	32164
FPPORTGRP	fp	32030	32360	32360	32210
FPPORTTYP	fp	32066	32396	32396	32246
FPPP_CF	fp	32029	32359	32359	32209
FPPUG_SM	fp	31997	32327	32327	32177
FPPU_LTM	fp	31985	32315	32315	32165
FPRDANITB	fp	-	32407	32407	-
FPRDIITB	fp	32085	32415	-	-
FPRDLPCTB	fp	32079	32409	32409	-
FPRDLPCTBDFLT	fp	31927	-	-	-
FPRDLPIDX	fp	31937	-	-	-
FPRTMHG	fp	32031	32361	32361	32211
FPRTROUTING	fp	32012	32342	32342	32192
FPRT_SCRNING	fp	32004	32334	32334	32184
FPRT_TRKG	fp	32028	32358	32358	32208
FPSC_CF	fp	31982	32312	32312	32162
FPSCDSCRN	fp	32041	32371	32371	32221
FPSCM_NSCM	fp	32044	32374	32374	32224
FPSDNBRET	fp	32020	32350	32350	32200
FPSDNPKG	fp	32048	32378	32378	32228
FP_SERCOMP	fp	31993	32323	32323	32173
FPSF18	fp	-	-	-	32257
FPSPABILLDN	fp	32019	32349	32349	32199
FPTATYPE	fp	32015	32345	32345	32195
FPTCMOBF	fp	31974	32304	32304	32154
FPTG_CF	fp	31986	32316	32316	32166
FPTGLTM	fp	32075	32405	32405	32255
FPTG_LTMER	fp	32026	32356	32356	32206
FPTGNTNSC	fp	32082	32412	32412	-
FPTKDGST	fp	32022	32352	32352	32202
FPTONETY	fp	32014	32344	32344	32194
FPTRMBFG	fp	31996	32326	32326	32176
FPTRMFEAT	fp	31969	32299	32299	32149
FP_TRUNK	fp	31994	32324	32324	32174
FPUNXEISMSG	fp	31957	32287	32287	32137
FPUNXMSG	fp	31926	32256	32256	32106
FPUTTRK	fp	32078	32408	32408	32258
FTSMASRT	da	21104	21404	21404	-
FUSMASRT	da	21128	-	-	-

4.21 MNEMONIC INDEX: G

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
GEN_NOREL	da	20875	21175	21175	21125
GEN_NOTUP	da	20876	21176	21176	21126
GKLMASRT	da	21086	21386	21386	21336
GKSMASRT	da	21087	21387	21387	21337

GPTYPBAD	as	20058	20058	20058	20058
GRINVLPR	si	24593	24893	24893	24843
GRLMASRT	da	20879	21179	21179	21129
GRMATEFAIL	si	24592	24892	24892	24842
GRMATESTP	si	24590	24890	24890	24840
GRPNUM_DYNAMIC	as	20136	20136	20136	20136
GRPNUM_STATIC	as	20135	20135	20135	20135
GRPTYP_STATIC	as	20137	20137	20137	20137
GRSMASRT	da	20885	21185	21185	21135
GRTRCFAIL	si	24591	24891	24891	24841
GSLMASRT	da	21085	21385	21385	21335
GSSMASRT	da	20856	21156	21156	21106
GTSMASRT	da	21067	21367	21367	21317

4.22 MNEMONIC INDEX: H

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
HCSMASRT	da	20983	21283	21283	21233
HDLMASRT	da	21060	21360	21360	21310
HILMASRT	da	21042	21342	21342	21292
HISMASRT	da	21041	21341	21341	21291
HIUNEXPMMSG	fc	22037	22337	22337	22287
HLSMASRT	da	20989	21289	21289	21239
HM1_IMST	dhm	2179	2179	2179	2179
HM2_IMST	dhm	2180	2180	2180	2180
HM3_IMST	dhm	2181	2181	2181	2181
HM4_IMST	dhm	2182	2182	2182	2182
HMALM0	dhm	2050	2050	2050	2050
HMALM1	dhm	2051	2051	2051	2051
HMALM2	dhm	2052	2052	2052	2052
HMALM4	dhm	2054	2054	2054	2054
HMALM5	dhm	2055	2055	2055	2055
HMALM6	dhm	2056	2056	2056	2056
HMALM7	dhm	2057	2057	2057	2057
HMALM8	dhm	2058	2058	2058	2058
HMALM9	dhm	2059	2059	2059	2059
HMALM10	dhm	2060	2060	2060	2060
HMALM11	dhm	2061	2061	2061	2061
HMALM12	dhm	2062	2062	2062	2062
HMALM13	dhm	2063	2063	2063	2063
HMALM14	dhm	2064	2064	2064	2064
HMALM15	dhm	2065	2065	2065	2065
HMALM16	dhm	2066	2066	2066	2066
HMALM17	dhm	2067	2067	2067	2067
HMALM18	dhm	2068	2068	2068	2068
HMALM19	dhm	2069	2069	2069	2069
HMALM20	dhm	2070	2070	2070	2070
HMALM21	dhm	2071	2071	2071	2071
HMALM22	dhm	2072	2072	2072	2072
HMALM23	dhm	2073	2073	2073	2073
HMALM24	dhm	2074	2074	2074	2074
HMALM26	dhm	2076	2076	2076	2076
HMALM27	dhm	2077	2077	2077	2077
HMALM28	dhm	2053	2053	2053	2053
HMALM29	dhm	2075	2075	2075	2075
HMIRA_1	dhm	2131	2131	2131	2131
HMIRA_2	dhm	2132	2132	2132	2132
HMIRA_4	dhm	2134	2134	2134	2134
HMIRA_5	dhm	2135	2135	2135	2135
HMIRA_6	dhm	2136	2136	2136	2136
HMIRA_7	dhm	2137	2137	2137	2137
HMIRA_61	dhm	2147	2147	2147	2147
HMIRA_62	dhm	2148	2148	2148	2148
HMIRA_63	dhm	2149	2149	2149	2149
HMIRA_65	dhm	2151	2151	2151	2151
HMIRA_66	dhm	2152	2152	2152	2152
HMIRA_67	dhm	2153	2153	2153	2153
HMIRA_b	dhm	2141	2141	2141	2141
HMIRA_c	dhm	2142	2142	2142	2142
HMIRA_d	dhm	2143	2143	2143	2143
HMIRA_e	dhm	2144	2144	2144	2144

HMLOG_0	dhmo	660	660	660	660
HMLOG_1	dhmo	661	661	661	661
HMLOG_2	dhmo	662	662	662	662
HMLOG_3	dhmo	663	663	663	663
HMLOG_4	dhmo	664	-	-	-
HMLOG_5	dhmo	665	665	665	665
HMLOG_6	dhmo	666	666	666	666
HMLOG_7	dhmo	667	667	667	667
HMLOG_8	dhmo	668	668	668	668
HMLOG_9	dhmo	669	669	669	669
HMLOG_10	dhmo	670	670	670	670
HMMAP0	hm	22250	22550	22550	22500
HMMAP1	hm	22251	22551	22551	22501
HMMAP2	hm	22252	22552	22552	22502
HMMAP3	hm	22253	22553	22553	22503
HMMAP4	hm	22254	22554	22554	22504
HMMAP5	hm	22255	22555	22555	22505
HMMAP6	hm	22256	22556	22556	22506
HMMAP7	hm	22257	22557	22557	22507
HMMAP8	hm	22258	22558	22558	22508
HMMAP9	hm	22259	22559	22559	22509
HMMAP10	hm	22260	22560	22560	22510
HMMAP11	hm	22261	22561	22561	22511
HMMAP12	hm	22262	22562	22562	22512
HMMAP13	hm	22263	22563	22563	22513
HMMAP14	hm	22264	22564	22564	22514
HMMAP15	hm	22265	22565	22565	22515
HMMAP16	hm	22266	22566	22566	22516
HMMAP17	hm	22267	22567	22567	22517
HMMAP18	hm	22268	22568	22568	22518
HMMAP19	hm	22269	22569	22569	22519
HMMAP20	hm	22270	22570	22570	22520
HMMAP21	hm	22271	22571	22571	22521
HMMAP22	hm	22272	22572	22572	22522
HMMAP23	hm	22273	22573	22573	22523
HMMAP24	hm	22274	22574	22574	22524
HMMAP25	hm	22275	22575	22575	22525
HMMAP26	hm	22276	22576	22576	22526
HMMAP27	hm	22277	22577	22577	22527
HMMAP28	hm	22278	22578	22578	22528
HMMAP29	hm	22279	22579	22579	22529
HMMCC_0	dhm	2210	2210	2210	2210
HMMCC_1	dhm	2211	2211	2211	2211
HMMCC_2	dhm	2212	2212	2212	2212
HMMCC_3	dhm	2078	2078	2078	2078
HMMCC_4	dhm	2079	2079	2079	2079
HMMCC_5	dhm	2080	2080	2080	2080
HMMCC_6	dhm	2081	2081	2081	2081
HMOMTBDTMR	hm	22298	22598	22598	22548
HMOMTBLINK	hm	22290	22590	22590	22540
HMOMTBPARM	hm	22291	22591	22591	22541
HMOMTDBERR	hm	22292	22592	22592	22542
HMOMTDDERR	hm	22296	22596	22596	22546
HMOMTINVR	hm	22293	22593	22593	22543
HMOMTOSRET	hm	22294	22594	22594	22544
HMOMTRELCK	hm	22295	22595	22595	22545
HMOMTUNEXP	hm	22297	22597	22597	22547
HMRAS01	hm	22305	22605	22605	22555
HMRAS02	hm	22306	22606	22606	22556
HMRAS03	hm	22307	22607	22607	22557
HMRAS04	hm	22308	22608	22608	22558
HMRAS05	hm	22309	22609	22609	22559
HMRAS06	hm	22310	22610	22610	22560
HMRAS07	hm	22311	22611	22611	22561
HMRAS08	hm	22312	22612	22612	22562
HMRAS09	hm	22313	22613	22613	22563
HMRAS10	hm	22314	22614	22614	22564
HMRAS11	hm	22315	22615	22615	22565
HMRAS12	hm	22316	22616	22616	22566
HMRAS13	hm	22320	22620	22620	22570
HMRAS14	hm	22321	22621	22621	22571
HMRAS15	hm	22322	22622	22622	22572

HMRISA00	hm	22299	22599	22599	22549
HMRISA01	hm	22300	22600	22600	22550
HMRISA02	hm	22301	22601	22601	22551
HMRISA03	hm	22302	22602	22602	22552
HMRISA04	hm	22303	22603	22603	22553
HMRISA07	hm	22304	22604	22604	22554
HMRMAP00	hm	22280	22580	22580	22530
HMRMAP01	hm	22281	22581	22581	22531
HMRMAP02	hm	22282	22582	22582	22532
HMRMAP03	hm	22283	22583	22583	22533
HMRMAP04	hm	22284	22584	22584	22534
HMRMAP05	hm	22285	22585	22585	22535
HMRMAP06	hm	22286	22586	22586	22536
HMRMAP07	hm	22287	22587	22587	22537
HMRMAP08	hm	22288	22588	22588	22538
HMRMAP09	hm	22289	22589	22589	22539
HMRMP10	hm	22317	22617	22617	22567
HMRMP11	hm	22318	22618	22618	22568
HMRMP12	hm	22319	22619	22619	22569
HMRMP13	hm	22323	22623	22623	22573
HMRMP14	hm	22324	22624	22624	22574
HMRMP15	hm	22325	22625	22625	22575
HMRP00	rpalm	34125	34355	34215	-
HMRP01	rpalm	34126	34356	34216	-
HMRP02	rpalm	34127	34357	34217	-
HMRP03	rpalm	34128	34358	34218	-
HMRP04	rpalm	34129	34359	34219	-
HMRP05	rpalm	34130	34360	34220	-
HMRP06	rpalm	34131	34361	34221	-
HMRP07	rpalm	34132	34362	34222	-
HMRP08	rpalm	34133	34363	34223	-
HMRP09	rpalm	34134	34364	34224	-
HMRP10	rpalm	34135	34365	34225	-
HMRP11	rpalm	34136	34366	34226	-
HMRP12	rpalm	34137	-	-	-
HMRP13	rpalm	34138	-	-	-
HMRP14	rpalm	34139	-	-	-
HMSIP_0	dhmo	600	600	600	600
HMSIP_1	dhmo	601	601	601	601
HMSIP_2	dhmo	602	602	602	602
HMSIP_3	dhmo	603	603	603	603
HMSIP_6	dhmo	606	606	606	606
HMSIP_7	dhmo	607	607	607	607
HMSIP_8	dhmo	608	608	608	608
HMSIP_9	dhmo	609	609	609	609
HMSIP_10	dhmo	610	610	610	610
HMSIP_11	dhmo	611	611	611	611
HMSIP_13	dhmo	613	613	613	613
HMSIP_15	dhmo	615	615	615	615
HMSIP_17	dhmo	617	617	617	617
HMSIP_30	dhmo	630	630	630	630
HMSIP_32	dhmo	632	632	632	632
HMSIP_33	dhmo	633	633	633	633
HMSIP_34	dhmo	634	634	634	634
HMSIP_35	dhmo	635	635	635	635
HMSIP_36	dhmo	636	636	636	636
HMSIP_37	dhmo	637	637	637	637
HQSMASRT	da	21090	21390	21390	21340
HSSLIST_ERR	as	20068	20068	20068	20068
HSS_OVERLAP	as	20088	20088	20088	20088
HSS_TIMEOUT	as	20067	20067	20067	20067

4.23 MNEMONIC INDEX: IASMASRT - INGRPXGET

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
IASMASRT	da	21020	21320	21320	21270
ICLIDATA	fc	21867	22167	22167	22117
ICLIDDB	fc	21868	22168	22168	22118
ICLIDIDX	fc	21851	22151	22151	22101
ICSMASRT	da	21046	21346	21346	21296
IGLMASRT	da	21083	21383	21383	21333

IGSMASRT	da	21084	21384	21384	21334
IMABDCASE	si	24487	24787	24787	24737
IMABDHST	si	24488	24788	24788	24738
IMACDQMRCVY	si	24505	24805	24805	24755
IMAEBIT2	si	24486	24786	24786	24736
IMAEIEIN	si	24475	24775	24775	24725
IMAIMSPP	si	24501	24801	24801	24751
IMALCGSSFL	si	24384	24684	24684	24634
IMALCMFL	si	24483	24783	24783	24733
IMALCMUP	si	24478	24778	24778	24728
IMAMRASPP	si	24502	24802	24802	24752
IMAOCNUTS	si	24499	24799	24799	24749
IMAPBMFL	si	24484	24784	24784	24734
IMAPBMUP	si	24479	24779	24779	24729
IMAPCDSP	si	24495	24795	24795	24745
	sipp	44219	44219	-	-
IMAPMPFL	si	24489	24789	24789	24739
IMAPMPIN	si	24477	24777	24777	24727
IMARCTRG	si	24476	24776	24776	24726
IMARTSPP	si	24500	24800	24800	24750
IMASACP0	si	24496	24796	24796	24746
IMASACP1	si	24497	24797	24797	24747
IMASTCRT	si	24482	24782	24782	24732
IMASTDBRC	si	24623	24923	24923	24873
IMASTIMG	si	24490	24790	24790	24740
	sipp	44213	44213	-	-
IMASTLCNT	si	24480	24780	24780	24730
IMASTLFEX	si	24465	24765	24765	24715
IMASTMFEX	si	24464	24764	24764	24714
IMASTSPP	si	24481	24781	24781	24731
IM_BADP2URET	daim	797	797	797	797
IMBADRSCTYPE	si	24444	24744	24744	24694
IM_BADU2PRET	daim	796	796	796	796
IMBD_DQLNK_MSG	si	24498	24798	24798	24748
IMBIN_TYPE	daim	728	728	728	728
IMBMS_TYPE	daim	727	727	727	727
IMBSSWP	si	24503	24803	24803	24753
IMDACHKRSC	si	24626	24926	24926	24876
IMINV_CMP	si	24629	24929	24929	24879
IM_LK_CNT	daim	795	795	795	795
IM_LKDATA	daim	740	740	740	740
IM_LKRET	daim	762	762	762	762
IM_LOOPCNT	daim	729	729	729	729
IMODDWP	si	24504	24804	24804	24754
IMOSMCB	sipp	43601	44201	44201	44201
IMOSPCB	sipp	43602	44202	44202	44202
IMOSSCB	sipp	43603	44203	44203	44203
IMOSTCB	sipp	43604	44204	44204	44204
IMPASTLCN	sipp	43575	44175	44175	44175
IMPASTSPP	sipp	43574	44174	44174	44174
IMPHPURGAMA	sipp	43609	44209	44209	44209
IMPINJTHR	sipp	43577	44177	44177	44177
IMPRPIAST	sipp	43615	44215	44215	44215
IMPSPAST	sipp	43616	44216	44216	44216
IMPWPINV	sipp	43576	44176	44176	44176
IMQMBDFRD	si	24508	24808	24808	24758
IMQMCLLTQ	si	24506	24806	24806	24756
IMQMSRVTM	si	24507	24807	24807	24757
IMRSCFEX	si	24472	24772	24772	24722
IMRSCRCVY	si	24492	24792	24792	24742
	sipp	44217	44217	-	-
IMSPPRUNPROC	si	24694	-	-	-
IMTITELPW	si	24705	25005	25005	24955
IN2KALIGN	opsp	28298	28598	28598	28448
INACAERR	si	24348	24648	24648	24598
INAIU_ERROR	si	24417	24717	24717	24667
INAIUISPA	si	24419	24719	24719	24669
INAIUMTERR	si	24418	24718	24718	24668
INAUDTEST	sipp	43621	44221	-	-
INBACTORRSLT	si	24377	24677	24677	24627
INBADCR	si	24454	24754	24754	24704
INBADDREAD	si	24459	24759	24759	24709

INBADDWRITE	si	24460	24760	24760	24710
INBADINPUT	si	24368	24668	24668	24618
INBADLOGRF	si	24305	24605	24605	24555
INBADMHNUM	si	24343	24643	24643	24593
INBADOFF	si	24458	24758	24758	24708
INBADPCRID	si	24457	24757	24757	24707
INBADPORT	daim	743	743	743	743
INBADSEQST	daim	783	783	783	783
INBADTYPE	si	24359	24659	24659	24609
INBAIMDATA	si	24408	24708	24708	24658
INBAIMPORT	daim	710	710	710	710
INBCHKIN	si	24407	24707	24707	24657
INBCMCKPACK	daim	711	711	711	711
INBDBG5CAL	si	24389	24689	24689	24639
INBDCKNM	psi	41958	42558	42558	42558
INBDFREASON	si	24365	24665	24665	24615
INBDPTNM	si	24712	25012	25012	24962
INBINSYNCH	si	24405	24705	24705	24655
INBLOCALVAR	si	24366	24666	24666	24616
INBNXTACT	si	24378	24678	24678	24628
INBOSMODE	si	24399	24699	24699	24649
INBOTYPE	daim	761	761	761	761
INBPADSG	dpucr	1289	1289	1289	1289
INBPALCS	dpucr	1286	1286	1286	1286
INBPALKS	dpucr	1293	1293	1293	1293
INBPALOC	dpucr	1288	1288	1288	1288
INBPAODD	dpucr	1272	1272	1272	1272
INBPBADP	dpucr	1297	1297	1297	1297
INBPBADS	dpucr	1299	1299	1299	1299
INBPFREE	dpucr	1285	1285	1285	1285
INBPNOSM	dpucr	1296	1296	1296	1296
INBPOAOP	dpucr	1295	1295	1295	1295
INBPOARP	dpucr	1294	1294	1294	1294
INBPOARR	dpucr	1292	1292	1292	1292
INBPSIZE	dpucr	1298	1298	1298	1298
INBPSMSG	dpucr	1287	1287	1287	1287
INBPSTMP	dpucr	1290	1290	1290	1290
INBPTIME	dpucr	1291	1291	1291	1291
INBRSLTFLD	si	24369	24669	24669	24619
INBRTNVAL	si	24363	24663	24663	24613
INBSEQINPUT	si	24402	24702	24702	24652
INBSEQSTATE	daim	741	741	741	741
INBSEQU	si	24401	24701	24701	24651
INBSTATE	si	24367	24667	24667	24617
INBSTEORTYPE	si	24370	24670	24670	24620
INBSTESEQ	si	24321	24621	24621	24571
INBTIMER	daim	713	713	713	713
INBTIMEVAL	si	24364	24664	24664	24614
INBTRANS	si	24400	24700	24700	24650
INBUNBLOCK	si	24403	24703	24703	24653
INBUNSNDRET	si	24404	24704	24704	24654
INCCBERR	si	24660	24960	24960	24910
INCCSWFAIL	psi	41959	42559	42559	42559
INCDDBERR	si	24662	24962	24962	24912
INCHDBERR	si	24661	24961	24961	24911
INCLIDAT	si	24461	24761	24761	24711
INCONFIGFAIL	daim	772	772	772	772
INCLHDER	si	24361	24661	24661	24611
INDAGSPLPO	si	24388	24688	24688	24638
INDAHLSC	psi	41960	42560	42560	42560
INDBFINER	si	24386	24686	24686	24636
INDBREASON	si	24463	24763	24763	24713
INDBRET	si	24326	24626	24626	24576
INDFTYPE	si	24383	24683	24683	24633
	sipp	44218	44218	-	-
INDUPII	daim	717	717	717	717
INECDFAIL	daim	771	771	771	771
INECFAIL	si	24342	24642	24642	24592
INECOMBD	si	24340	24640	24640	24590
INE_ESC	si	24379	24679	24679	24629
INENDFRQ	si	24391	24691	24691	24641
INEORXPT	si	24347	24647	24647	24597

INERACCS	si	24677	24977	24977	24927
INERACDI	si	24714	25014	25014	24964
INERACRECORD	si	24385	24685	24685	24635
INERADB	si	24560	24860	24860	24810
INERAPB	si	24322	24622	24622	24572
INERATTDB	si	24562	24862	24862	24812
INERAUTO	si	24675	24975	24975	24925
INERBCGA	si	24653	24953	24953	24903
INERBCLA	si	24652	24952	24952	24902
INERBFMSG	si	24471	24771	24771	24721
INERBLFDB	si	24561	24861	24861	24811
INERBRCSDB	si	24555	24855	24855	24805
INERCBDB	si	24563	24863	24863	24813
INERCCSSTPDB	si	24716	25016	25016	24966
INERCLDB	si	24595	24895	24895	24845
INERCNDA	si	24587	24887	24887	24837
INERCOIN	si	24554	24854	24854	24804
INERCRECORD	si	24345	24645	24645	24595
INERCVST	si	24605	24905	24905	24855
INERDALB	si	24679	24979	24979	24929
INERDBCN	si	24589	24889	24889	24839
INERDDW	si	24409	24709	24709	24659
INERDISPDB	si	24557	24857	24857	24807
INERE911DB	si	24631	24931	24931	24881
INERGPAX	si	24336	24636	24636	24586
INERICRST	si	24571	24871	24871	24821
INERLHBS	si	24588	24888	24888	24838
INERLSCMDB	si	24649	24949	24949	24899
INERLTMSTAT	si	24556	24856	24856	24806
INERMDB	si	24596	24896	24896	24846
INERMDRQ	si	24346	24646	24646	24596
INERMSU	si	24586	24886	24886	24836
INERNS_BILL	si	24657	24957	24957	24907
INERNSDB	si	24601	24901	24901	24851
INERNS_IDX	si	24655	24955	24955	24905
INEROAP	si	24515	24815	-	-
INEROATA	si	24676	24976	24976	24926
INEROSPS	si	24447	24747	24747	24697
INEROTINIT	si	24572	24872	24872	24822
INERPPSAST	si	24558	24858	24858	24808
INERQVST	si	24423	24723	24723	24673
INERSCMDB	si	24559	24859	24859	24809
INERSDAP	si	24382	24682	24682	24632
INERSRV	si	24603	24903	24903	24853
INERSTPDB	si	24654	24954	24954	24904
INERTAGH	si	24424	24724	24724	24674
INERTATDB	si	24715	25015	25015	24965
INERTCPL	si	24335	24635	24635	24585
INERTEDB	si	24553	24853	24853	24803
INERTEILA	si	24678	24978	24978	24928
INERTN_INFO	si	24656	24956	24956	24906
INERWCTX	si	24420	24720	24720	24670
INESMINT	si	24337	24637	24637	24587
INETMPSI	si	24338	24638	24638	24588
INEUTYP	si	24341	24641	24641	24591
INFAULTFAIL	daim	744	744	744	744
INFHBADTS	si	24632	24932	24932	24882
INFHBRMSG	si	24665	24965	24965	24915
INFHBSLOTS	si	24671	24971	24971	24921
INFHBSMSG	si	24666	24966	24966	24916
INFHBSTATE	si	24668	24968	24968	24918
INFHDDFAIL	si	24674	24974	24974	24924
INFHNOMATCH	si	24673	24973	24973	24923
INFHOSBCAST	si	24633	24933	24933	24883
INFHSPPAS	si	24669	24969	24969	24919
INFHTSMSG	si	24670	24970	24970	24920
INFHUMSG	si	24667	24967	24967	24917
INFPNOBSMS	dfp	1191	1191	1191	1191
INFPTOUT	daim	794	794	794	794
INGRCIRDF	si	24607	24907	24907	24857
INGRCIWRF	si	24606	24906	24906	24856
INGRCKTDATA	si	24610	24910	24910	24860

INGRCKTGET	si	24329	24629	24629	24579
INGRCXGET	si	24332	24632	24632	24582
INGRDFINUM	si	24613	24913	24913	24863
INGRDGET	si	24449	24749	24749	24699
INGRDLINK	si	24450	24750	24750	24700
INGRINTERNAL	si	24451	24751	24751	24701
INGRNOPIB	si	24609	24909	24909	24859
INGRNOXPT	si	24608	24908	24908	24858
INGROPFAIL	si	24621	24921	24921	24871
INGRPBGET	si	24330	24630	24630	24580
INGRPC	si	24452	24752	24752	24702
INGRPTGET	si	24328	24628	24628	24578
INGRPXGET	si	24331	24631	24631	24581

4.24 MNEMONIC INDEX: INGRQMSG - INPUOARR

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
INGRQMSG	si	24333	24633	24633	24583
INGRTSI	si	24453	24753	24753	24703
INGRTSIT1F	si	24622	24922	24922	24872
INIDS1	si	24394	24694	24694	24644
INIDSARGBAD	si	24544	24844	24844	24794
INIDSBADRET	si	24543	24843	24843	24793
INIDSDTFAILURE	si	24545	24845	24845	24795
INIDSPACKAGE	si	24547	24847	24847	24797
INIDSPSSNDMSG	sipp	43600	44200	44200	44200
INIDSPTYPEBAD	si	24549	24849	24849	24799
INIDSREASONBAD	si	24548	24848	24848	24798
INIDTMBW	si	24393	24693	24693	24643
INIDTMIC	si	24397	24697	24697	24647
INIDTMIR	si	24398	24698	24698	24648
INIDTMIW	si	24412	24712	24712	24662
INIDTMPS	si	24413	24713	24713	24663
INIDTSBOS	si	24435	24735	24735	24685
INIDTSBSM	si	24436	24736	24736	24686
INIDTSEFC	si	24437	24737	24737	24687
INIDTSICR	si	24438	24738	24738	24688
INIDTSIWS	si	24439	24739	24739	24689
INIDTSSMR	si	24440	24740	24740	24690
INIDTSUMR	si	24441	24741	24741	24691
INIDTSUPS	si	24442	24742	24742	24692
INIDTSURC	si	24443	24743	24743	24693
INIMNOMSG	si	24357	24657	24657	24607
ININVMMSGTYP	si	24455	24755	24755	24705
ININVSTIM	si	24456	24756	24756	24706
INISPARTN	si	24491	24791	24791	24741
INISPHTO	si	24493	24793	24793	24743
INITTIMEOUT	daim	714	714	714	714
INJBTRQERR	si	24414	24714	24714	24664
INLBCPNOSM	dctsp	1092	1092	1092	1092
INLINKUSE	si	24713	25013	25013	24963
INLNKPLIERR	si	24358	24658	24658	24608
INLTSBDB	si	24599	24899	24899	24849
INLTSTAT	si	24598	24898	24898	24848
INMATATT	si	24470	24770	24770	24720
INMATEFAULTSM	si	24681	24981	24981	24931
INMATESTPTSM	si	24682	24982	24982	24932
INMBUFTYP	si	24350	24650	24650	24600
INMDFRQ	si	24353	24653	24653	24603
INMGBADPARAM	sipp	43595	44195	44195	44195
INMGBADTYPE	sipp	43561	44161	44161	44161
INMGINVALID	sipp	43551	44151	44151	44151
INMICOST	si	24351	24651	24651	24601
INMODATT	si	24462	24762	24762	24712
INMSGUNEX	daim	718	718	718	718
INMSTYPE	si	24327	24627	24627	24577
INNOMSGBUF	daim	765	765	765	765
INNOTRIG	daim	746	746	746	746
INNRETGEN	psi	41961	42561	42561	42561
INNS_TN	si	24567	24867	24867	24817
INOFDATATSM	si	24683	24983	24983	24933

INOSBDPCBL	si	24520	24820	24820	24770
INOSBDSITYPE	si	24514	24814	24814	24764
INOSDFBDFRD	si	24516	24816	24816	24766
INOSPSL3	si	24538	24838	24838	24788
INPCABORT	dpucr	1260	1260	1260	1260
INPCAETN	dpucr	1283	1283	1283	1283
INPCBCOIN	si	24564	24864	24864	24814
INPCBPORT	dpucr	1261	1261	1261	1261
INPCCONTIME	dpucr	1300	1300	1300	1300
INPCCRTE	dpucr	1257	1257	1257	1257
INPCCRTIME	dpucr	1265	1265	1265	1265
INPCDQUE	dpucr	1263	1263	1263	1263
INPCDTIME	dpucr	1282	1282	1282	1282
INPCFLT	dpucr	1252	1252	1252	1252
INPCFTIME	dpucr	1280	1280	1280	1280
INPCGTMSG	dpucr	1271	1271	1271	1271
INPCINVEV	dpucr	1251	1251	1251	1251
INPCINVMMSG	dpucr	1256	1256	1256	1256
INPCMNT	dpucr	1275	1275	1275	1275
INPCNODIR	dpucr	1284	1284	1284	1284
INPCNOPUMP	dpucr	1278	1278	1278	1278
INPCOPN	dpucr	1254	1254	1254	1254
INPCORPHAN	dpucr	1255	1255	1255	1255
INPCPHBC	sipp	43584	44184	44184	44184
INPCPHBS	sipp	43606	44206	44206	44206
INPCPHCR	sipp	43585	44185	44185	44185
INPCPHEP	sipp	43608	44208	44208	44208
INPCPHIA	sipp	43607	44207	44207	44207
INPCPHIT	sipp	43605	44205	44205	44205
INPCPHMD	sipp	43583	44183	44183	44183
INPCPHMR	sipp	43587	44187	44187	44187
INPCPHPR	sipp	43588	44188	44188	44188
INPCPHPS	sipp	43589	44189	44189	44189
INPCPHSE	sipp	43582	44182	44182	44182
INPCPHTT	sipp	43586	44186	44186	44186
INPCPORT	dpucr	1250	1250	1250	1250
INPCPRI	dpucr	1259	1259	1259	1259
INPCQFULL	dpucr	1277	1277	1277	1277
INPCSCPMMSG	dpucr	1268	1268	1268	1268
INPCSFILT	dpucr	1262	1262	1262	1262
INPCSMMSG	dpucr	1276	1276	1276	1276
INPCSNDDPT	dpucr	1253	1253	1253	1253
INPCSTATE	dpucr	1279	1279	1279	1279
INPCSWAP	dpucr	1258	1258	1258	1258
INPCTERM	dpucr	1267	1267	1267	1267
INPCTTIME	dpucr	1281	1281	1281	1281
INPCTYPE	dpucr	1264	1264	1264	1264
INPHSTATUS	si	24509	24809	24809	24759
INPICBERR	si	24659	24959	24959	24909
INPIDBERR	si	24701	25001	25001	24951
INPLFMAG	dctsp	1094	1094	1094	1094
	dfp	1194	1194	1194	-
INPMCOMFAIL	daim	780	780	780	780
INPMPHBF	pmppp	44718	45468	45468	45268
INPMPHBM	pmppp	44712	45462	45462	45262
INPMPHBT	pmppp	44700	45450	45450	45250
INPMPHCR	pmppp	44705	45455	45455	45255
INMPMHEF	pmppp	44719	45469	45469	45269
INMPMPHER	pmppp	44725	45475	45475	45275
INMPMPHIA	pmppp	44709	45459	45459	45259
INMPMPHIF	pmppp	44716	45466	45466	45266
INMPMPHIM	pmppp	44710	45460	45460	45260
INMPMPHIP	pmppp	44708	45458	45458	45258
INMPMPHIT	pmppp	44706	45456	45456	45256
INMPMPHLE	pmppp	44721	45471	45471	45271
INMPMPHML	pmppp	44713	45463	45463	45263
INMPMPHNA	pmppp	44722	45472	45472	45272
INMPMPHNB	pmppp	44720	45470	45470	45270
INMPMPHNM	pmppp	44707	45457	45457	45257
INMPMPHNR	pmppp	44717	45467	45467	45267
INMPMPHPI	pmppp	44715	45465	45465	45265
INMPMPHPT	pmppp	44704	45454	45454	45254

INPMHPHU	pmppp	44703	45453	45453	45253
INPMPHRS	pmppp	44701	45451	45451	45251
INPMPHSC	pmppp	44724	45474	45474	45274
INPMPHSD	pmppp	44714	45464	45464	45264
INPMPHSM	pmppp	44702	45452	45452	45252
INMPHTB	pmppp	44726	45476	45476	-
INMPHPTO	pmppp	44723	45473	45473	45273
INMPHPTP	pmppp	44711	45461	45461	45261
INPORTDATA	si	24663	24963	24963	24913
INORTLA	si	24510	24810	24810	24760
INPPBCHKIN	sipp	43565	44165	44165	44165
INPPBDATA	sipp	43566	44166	44166	44166
INPPBDMSG	sipp	43557	44157	44157	44157
INPPBINSYN	sipp	43563	44163	44163	44163
INPPBSNDRET	sipp	43568	44168	44168	44168
INPPBUNBLK	sipp	43567	44167	44167	44167
INPPENDFRQ	sipp	43555	44155	44155	44155
INPPMSGLG	sipp	43558	44158	44158	44158
INPPMSTYPE	sipp	43560	44160	44160	44160
INPPPICOST	sipp	43556	44156	44156	44156
INPPRETGEN	sipp	43562	44162	44162	44162
INPPSYNFULL	sipp	43564	44164	44164	44164
INPPTMOT	sipp	43552	44152	44152	44152
INPPWAITER	sipp	43559	44159	44159	44159
INPRIGRP	si	24325	24625	24625	24575
INPRTGRP	si	24355	24655	24655	24605
INPSBADRET	sipp	43550	44150	44150	44150
INPSINIT	sipp	43620	44220	-	-
INPSUUI	si	24597	24897	24897	24847
INPTDFRQ	si	24390	24690	24690	24640
INPUABRT	dctsp	1077	1077	1077	1077
	dfp	1177	1177	1177	-
INPUACKF	dctsp	1089	1089	1089	1089
	dfp	1189	1189	1189	-
INPUADSG	dctsp	1053	1053	1053	1053
	dfp	1153	1153	1153	-
INPUALCS	dctsp	1050	1050	1050	1050
	dfp	1150	1150	1150	-
INPUALKS	dctsp	1057	1057	1057	1057
	dfp	1157	1157	1157	-
INPUALOC	dctsp	1072	1072	1072	1072
	dfp	1172	1172	1172	-
INPUBADSCNAME	dctsp	1056	1056	1056	1056
	dfp	1161	1161	1161	-
INPUBLKB	dfp	1202	1202	1202	1202
INPUBMAG	dctsp	1065	1065	1065	1065
	dfp	1165	1165	1165	-
INPUCANC	dctsp	1073	1073	1073	1073
	dfp	1173	1173	1173	-
INPUCONP	dctsp	1078	1078	1078	1078
	dfp	1178	1178	1178	-
INPUCOPN	dctsp	1055	1055	1055	1055
	dfp	1155	1155	1155	-
INPUCPMSG	dctsp	1079	1079	1079	1079
	dfp	1179	1179	1179	-
INPUDSKB	dctsp	1076	1076	1076	1076
	dfp	1176	1176	1176	-
INPUEISS	dctsp	1115	1115	1115	1115
	dfp	1215	1215	1215	-
	dpucr	1301	1301	1301	-
INPU_ERROR	psi	41962	42562	42562	42562
INPUÉVT	dctsp	1059	1059	1059	1059
	dfp	1159	1159	1159	-
INPUFCLS	dctsp	1071	1071	1071	1071
	dfp	1171	1171	1171	-
INPUFDSK	dfp	1204	1204	1204	1204
INPUFHF	dctsp	1088	1088	1088	1088
	dfp	1188	1188	1188	-
INPUFILMX	dctsp	1085	1085	1085	1085
	dfp	1185	1185	1185	-
INPUFIN	dctsp	1087	1087	1087	1087
	dfp	1187	1187	1187	-

INPUFLT	dctsp	1052	1052	1052	1052
	dfp	1152	1152	1152	-
INPUFODD	dfp	1210	1210	1210	1210
INPUFOPN	dctsp	1070	1070	1070	1070
	dfp	1170	1170	1170	-
INPUFPAS	dfp	1209	1209	1209	1209
INPUFREE	dctsp	1062	1062	1062	1062
	dfp	1162	1162	1162	-
INPUGRSG	dctsp	1060	1060	1060	1060
	dfp	1160	1160	1160	-
INPUINVEV	dctsp	1063	1063	1063	1063
	dfp	1163	1163	1163	-
INPUINVMS	dctsp	1064	1064	1064	1064
	dfp	1164	1164	1164	-
INPUINVPTYPE	dctsp	1091	1091	1091	1091
INPUJTR	dfp	1220	1220	1220	1220
INPULBRQ	dfp	1219	1219	1219	1219
INPULINK	dctsp	1100	1100	1100	1100
INPULNKQ	dctsp	1102	1102	1102	1102
INPUMXB	dctsp	1074	1074	1074	1074
	dfp	1174	1174	1174	-
INPUNOBAD	dctsp	1083	1083	1083	1083
	dfp	1183	1183	1183	-
INPUNOCRC	dctsp	1093	1093	1093	1093
	dfp	1193	1193	1193	-
INPUNOLNK	dctsp	1090	1090	1090	1090
	dfp	1190	1190	1190	-
INPUNOSCN	dctsp	1119	1119	1119	1119
	dfp	1192	1192	1192	-
INPUOACL	dctsp	1114	1114	1114	1114
	dfp	1214	1214	1214	-
INPUOAOP	dctsp	1111	1111	1111	1111
	dfp	1211	1211	1211	-
INPUOARP	dctsp	1112	1112	1112	1112
	dfp	1212	1212	1212	-
INPUOARR	dctsp	1113	1113	1113	1113
	dfp	1213	1213	1213	-

4.25 MNEMONIC INDEX: INPUODD - ISXLFAIL

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
INPUODD	dctsp	1105	1105	1105	1105
INPUPAS	dctsp	1104	1104	1104	1104
INPUPLVL	dfp	1218	1218	1218	1218
INPUPNSP	dctsp	1058	1058	1058	1058
	dfp	1158	1158	1158	-
INPUPRI	dctsp	1067	1067	1067	1067
	dfp	1167	1167	1167	-
INPUPTYP	dfp	1221	1221	1221	1221
INPUQERR	si	24354	24654	24654	24604
INPURCVM	dfp	1203	1203	1203	1203
INPUREAD	dctsp	1069	1069	1069	1069
	dfp	1169	1169	1169	-
INPURIMSUMERR	dctsp	1061	1061	1061	1061
	dfp	1184	1184	1184	-
INPURQFN	dctsp	1101	1101	1101	1101
INPUAEA	dctsp	1066	1066	1066	1066
	dfp	1166	1166	1166	-
INPUSDPT	dctsp	1054	1054	1054	1054
	dfp	1154	1154	1154	-
INPUSEG	dctsp	1082	1082	1082	1082
	dfp	1182	1182	1182	-
INPUSFLT	dctsp	1080	1080	1080	1080
	dfp	1180	1180	1180	-
INPUSMSG	dctsp	1081	1081	1081	1081
	dfp	1181	1181	1181	-
INPUSTMP	dctsp	1051	1051	1051	1051
	dfp	1151	1151	1151	-
INPUSZBAD	dctsp	1084	1084	1084	1084
	dfp	1186	1186	1186	-
INPUTIMER	dctsp	1075	1075	1075	1075

INPUULCK	dfp	1175	1175	1175	-
	dctsp	1068	1068	1068	1068
INPUWRDD	dfp	1168	1168	1168	-
	dctsp	1117	1117	1117	1117
	dfp	1217	1217	1217	-
INREASERR	si	24664	24964	24964	24914
INRETGEN	si	24380	24680	24680	24630
INRIMFND	dfp	1156	1156	1156	1156
INRSMCHAN	si	24425	24725	24725	24675
INRSMNTS	si	24426	24726	24726	24676
INRTCONFIG	si	24648	24948	24948	24898
INRTFAIL	si	24349	24649	24649	24599
INSABMSG	si	24428	24728	24728	24678
INSABTIME	si	24430	24730	24730	24680
INSARTAIN	si	24431	24731	24731	24681
INSARTAOUT	si	24432	24732	24732	24682
INSASTATE	si	24429	24729	24729	24679
INSATRNFAIL	si	24427	24727	24727	24677
INSFPTFAIL	si	24372	24672	24672	24622
INSFRET	si	24373	24673	24673	24623
INSITEDBG0	si	24522	-	-	-
INSITEDBG1	si	24523	-	-	-
INSITEDBG2	si	24524	-	-	-
INSITEDBG3	si	24525	-	-	-
INSMCRERR	si	24362	24662	24662	24612
INSMESTREAD	si	24396	24696	24696	24646
INSMIAERR	si	24360	24660	24660	24610
INSNDEVTFAIL	daim	767	767	767	767
INSNDFLTFAIL	daim	766	766	766	766
INSYNCHTO	si	24647	24947	24947	24897
INSYNFULL	si	24406	24706	24706	24656
INSYSIMSGFAIL	daim	789	789	789	789
INTMTOUT	daim	788	788	788	788
INTOFLT	dctsp	1118	1118	1118	1118
	dfp	1223	1223	1223	-
INTRKGRP	si	24356	24656	24656	24606
INTSDATA	si	24518	24818	24818	24768
INTSMINTERNAL	si	24312	24612	24612	24562
INTYPEFAIL	si	24371	24671	24671	24621
INUNITERR	psi	41963	42563	42563	42563
INUNITREAD	si	24395	24695	24695	24645
INUNREASON	si	24374	24674	24674	24624
INUN_REQ	si	24376	24676	24676	24626
INUNREQTYPE	si	24375	24675	24675	24625
INUNSUPPSEQ	daim	739	739	739	739
INUPINCON	dfp	1222	1222	1222	1222
INVALID_LPSTAT	oa	30388	30718	30718	30568
INWPBSSFL	si	24410	24710	24710	24660
INWPODDFL	si	24411	24711	24711	24661
ISACOFTR	fc	21803	22103	22103	22053
ISACSR_GRP	fc	21935	22235	22235	22185
ISACSR_OPT	fc	21936	22236	22236	22186
ISADBPID	fc	21751	22051	22051	22001
ISAHBLTM	fc	21492	21792	21792	21742
ISAHDPDA	fc	22081	22381	22381	22331
ISAHHCBL	fc	21493	21793	21793	21743
ISAHHCBR	fc	21550	21850	21850	21800
ISAHHCDA	fc	21647	21947	21947	21897
ISAHHC DI	fc	21551	21851	21851	21801
ISAHTEDA	fc	21710	22010	22010	21960
ISANALMSG	fc	21728	22028	22028	21978
ISANFAILTP	fc	21727	22027	22027	21977
ISATCF	fc	21791	22091	22091	22041
ISATGRP	fc	21790	22090	22090	22040
ISATHCDB	fc	21738	22038	22038	21988
ISATPRT	fc	21789	22089	22089	22039
ISAUPCDL	fc	21642	21942	21942	21892
ISBADADB	fc	21730	22030	22030	21980
ISBADARG	fc	21553	21853	21853	21803
	fcph	-	-	-	-
ISBADDALB	fc	21731	22031	22031	21981
ISBAD_MEM	fc	21608	21908	21908	21858

ISBADMSG	fc	21540	21840	21840	21790
ISBADMWDYN	fc	21610	21910	21910	21860
ISBADMWRET	fc	21695	21995	21995	21945
ISBADPARM	fc	21554	21854	21854	21804
ISBKINSR	fc	21718	22018	22018	21968
ISBR_FRDA	fc	21752	22052	22052	22002
ISDAGTAM	fc	21494	21794	21794	21744
ISDBFDAM	fc	21495	21795	21795	21745
ISDBFIAH	fc	21496	21796	21796	21746
ISDBFIAM	fc	21497	21797	21797	21747
ISDISPCF	fc	21555	21855	21855	21805
ISDLBKEY	fc	21724	22024	22024	21974
ISDSL_EQUIP	fc	21866	22166	22166	22116
ISDSP_ACN	fc	21461	21761	21761	21711
ISDSP_REST	fc	21462	21762	21762	21712
ISDSP_RMSG	fc	21463	21763	21763	21713
ISDSP_SMSG	fc	21556	21856	21856	21806
ISDSP_SWTCH	fc	21464	21764	21764	21714
ISED_SAPID	fc	21480	21780	21780	21730
ISEDSCF	fc	21477	21777	21777	21727
ISEDGRP	fc	21476	21776	21776	21726
ISEDINVGPID	fc	21478	21778	21778	21728
ISEDSPORT	fc	21479	21779	21779	21729
ISEXTMSG	fc	21754	22054	22054	22004
ISFBBRCSD	fc	21416	21716	21716	21666
ISFBDALB	fc	21417	21717	21717	21667
ISFBDBP	fc	21418	21718	21718	21668
ISFBIDLE	fc	21444	21744	21744	21694
ISFBINTER	fc	21744	22044	22044	21994
ISFBLDAT	fc	21770	22070	22070	22020
ISFBLINK	fc	21438	21738	21738	21688
ISFBLTSTAT	fc	21714	22014	22014	21964
ISFBNOTEDB	fc	21445	21745	21745	21695
ISFBRDI	fc	21557	21857	21857	21807
ISFBTEDB	fc	21439	21739	21739	21689
ISFBUNLINK	fc	21447	21747	21747	21697
ISFCLINE	fc	21558	21858	21858	21808
	fp	32369	32369	32219	-
ISFCPORTYP	fc	21623	21923	21923	21873
ISFDABR	fc	21559	21859	21859	21809
ISFDABR2	fc	21856	22156	22156	22106
ISFDAPC	fc	21560	21860	21860	21810
ISFNDDISP	fc	21736	22036	22036	21986
ISFPCDA	fc	21561	21861	21861	21811
ISFPCDL	fc	21641	21941	21941	21891
ISGETADB	fc	21723	22023	22023	21973
ISGETDALB	fc	21562	21862	21862	21812
ISGETEDB	fc	21857	22157	22157	22107
ISGETPCBLA	fc	21563	21863	21863	21813
ISGETPTLA	fc	21720	22020	22020	21970
ISGETTCB	fc	21722	22022	22022	21972
ISGETTEDB	fc	21721	22021	22021	21971
ISGHTEDA	fc	21564	21864	21864	21814
ISGODPDA	fc	22080	22380	22380	22330
ISGODPTE	fc	21858	22158	22158	22108
ISGOTEDA	fc	21565	21865	21865	21815
ISGRPPORT	fc	21566	21866	21866	21816
ISGSTEDA	fc	21567	21867	21867	21817
ISGTOOSDALB	fc	21756	22056	22056	22006
ISHHCDB	fc	21725	22025	22025	21975
ISHHCDI	fc	21646	21946	21946	21896
ISICX_ICI	fc	21568	21868	21868	21818
ISINDISPTUP	fc	21569	21869	21869	21819
ISINTMSG	fc	21753	22053	22053	22003
ISINV_ENVL	fc	21572	21872	21872	21822
ISINVICI	fc	21758	22058	22058	22008
ISINVSTR	fc	21570	21870	21870	21820
ISINVTERM	fc	21571	21871	21871	21821
ISISAFIDX	fc	21815	22115	22115	22065
ISISATGRP	fc	21852	22152	22152	22102
ISISATMBR	fc	21573	21873	21873	21823
ISISTGIDX	fc	21814	22114	22114	22064

ISKAMSG	fc	21737	22037	22037	21987
ISKATPCR	fc	21743	22043	22043	21993
ISLBRDA	fc	21595	21895	21895	21845
ISLBRDI	fc	21574	21874	21874	21824
ISLIDCF	fc	21575	21875	21875	21825
ISLINECA	fc	21624	21924	21924	21874
ISLPCDA	fc	21645	21945	21945	21895
ISLPCDL	fc	21640	21940	21940	21890
ISLPMVPORT	fc	21859	22159	22159	22109
ISLPODB	fc	21739	22039	22039	21989
ISLPTPT	fc	21625	21925	21925	21875
ISMISCA	fc	21576	21876	21876	21826
ISMSGTYPE	fc	21729	22029	22029	21979
ISNO2LINK	fc	21577	21877	21877	21827
ISNOBNFEAT	fc	21456	21756	21756	21706
ISNOCCODE	fc	21813	22113	22113	22063
ISNODALB	fc	21620	21920	21920	21870
ISNOFEATBN	fc	21457	21757	21757	21707
ISNOICM1LST	fc	21630	21930	21930	21880
ISNOICMTERM	fc	21629	21929	21929	21879
ISNRMODS	fc	21549	21849	21849	21799
ISOFFICECODE	fc	21578	21878	21878	21828
ISOSERNG	fc	21726	22026	22026	21976
ISPACK_NLOADED	fc	21626	21926	21926	21876
ISPORPCBLA	fc	21860	22160	22160	22110
ISPORTGRP	fc	21579	21879	21879	21829
ISPPGHTEA	fc	21621	21921	21921	21871
ISPTLA	fc	21580	21880	21880	21830
ISQ_ISAT	fc	21582	21882	21882	21832
ISQO_ICI	fc	21581	21881	21881	21831
ISRDATTM	fc	21552	21852	21852	21802
ISRDSPLYPAR	fc	21584	21884	21884	21834
ISRHHCBR	fc	21585	21885	21885	21835
ISRHHCDA	fc	21639	21939	21939	21889
ISRHHCDI	fc	21586	21886	21886	21836
ISRSBLTM	fc	21498	21798	21798	21748
ISRSHCBL	fc	21499	21799	21799	21749
ISRSTEDA	fc	21709	22009	22009	21959
ISRTDNMHG	fc	21788	22088	22088	22038
ISRTMHG	fc	21588	21888	21888	21838
ISSCMDB	fc	21734	22034	22034	21984
ISSCMLPT	fc	21741	22041	22041	21991
ISSCMMSG	fc	21742	22042	22042	21992
ISSDTEDB	fc	21708	22008	22008	21958
ISSENDEXT	fc	21716	22016	22016	21966
ISSHDACK	fc	21746	22046	22046	21996
ISSHSCINIT	fc	21747	22047	22047	21997
ISSMASRT	da	21027	21327	21327	21277
ISSOFTSPP	fc	22109	22409	22409	22359
ISSOHHOLD	fc	21599	21899	21899	21849
ISTERMARRAY	fc	21749	22049	22049	21999
ISTERMCA	fc	21589	21889	21889	21839
ISUBRDA	fc	21590	21890	21890	21840
ISUBRDI	fc	21591	21891	21891	21841
ISUDISPPAR	fc	21593	21893	21893	21843
ISUMICMGRP	fc	21631	21931	21931	21881
ISUPCDA	fc	21643	21943	21943	21893
ISUPCDL	fc	21644	21944	21944	21894
ISXLFAL	fc	21740	22040	22040	21990

4.26 MNEMONIC INDEX: J - K

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
JFSMASRT	da	21071	21371	21371	21321
KAAPXCTBL	au	20559	-	-	-
KABADMSG	au	-	20459	20459	20459
KABADTASK	au	20562	20562	20562	20562
KACALINFO	au	20579	-	-	-
KACLDB	au	-	20555	20555	20555
KACRECORD	au	-	20560	20560	20560
KADALB	au	-	20574	20574	20574

KADBFRTUP	au	20504	20504	20504	20504
KADISP	au	20586	-	-	-
KADPB	au	20509	20509	20509	20509
KAEQUIPDSL	au	20550	20550	20550	20550
KAERRDA	au	-	20505	20505	20505
KAERRDB	au	20502	20502	20502	20502
KAGPAXDB	au	20574	-	-	-
KAGP_PT1	au	-	20479	20479	20479
KAGP_PT2	au	-	20487	20487	20487
KAGP_PT3	au	20491	20491	20491	20491
KAGRP_PRT	au	-	20541	20541	20541
KAHTYPE	au	20531	20531	20531	20531
KA_INTERNAL	au	20506	20506	20506	20506
KAINVREL	au	20503	20503	20503	20503
KAISATUCD	au	20511	20511	20511	20511
KAKLGTKST	au	20539	20539	20539	20539
KAKTKQUE	au	20538	20538	20538	20538
KAKTKSTAT	au	20540	20540	20540	20540
KA_LGLNSTAT	au	20527	20527	20527	20527
KALGMEM1	au	-	20471	20471	20471
KALGMEM2	au	-	20501	20501	20501
KALGP_PSGP	au	20521	20521	20521	20521
KALGRPPORT	au	20533	20533	20533	20533
KALGRT_SFG	au	20464	20464	20464	20464
KA_LGSFSTAT	au	20564	20564	20564	20564
KALLNSTXTRA	au	20536	20536	20536	20536
KA_LNSTAT	au	20528	20528	20528	20528
KALNSTXTRA	au	20535	20535	20535	20535
KALPSGRPPORT	au	20532	20532	20532	20532
KALRTMHG	au	20519	20519	20519	20519
KALTMSTAT	au	20507	20507	20507	20507
KAMDB	au	20556	20556	20556	20556
KAMEM	au	-	20478	20478	20478
KAMGRP_PRT	au	20526	20526	20526	20526
KAMRT_LGM	au	20525	20525	20525	20525
KAMRTMHG	au	20524	20524	20524	20524
KA_MUPHST	au	20534	20534	20534	20534
KANOKAFCN	au	20456	20456	20456	20456
KAODPSOP	au	20549	20549	20549	20549
KAOORTIMER	au	20455	20455	20455	20455
KAPCBLA	au	20573	20573	20573	20573
KAPCBLAKEY	au	20458	20458	20458	20458
KAPKLOT	au	20557	20557	20557	20557
KAPORTGRP	au	-	20512	20512	20512
KAPORTLA	au	20508	20508	20508	20508
KAPORTTYPE	au	20552	20552	20552	20552
KAPROGERR	au	20420	20420	20420	20420
KAPRT_GRP	au	20543	20543	20543	20543
KAPSGRP_PRT	au	-	20542	20542	20542
KAPSPGERR	aupp	-	45317	45317	45117
KAPSPRT_GRP	au	20544	20544	20544	20544
KARDTADATA	au	20548	20548	20548	20548
KAR_LGM1	au	20466	20466	20466	20466
KAR_LGM2	au	-	20467	20467	20467
KARSTBSTAT	au	20578	-	-	-
KART_LGM	au	20520	20520	20520	20520
KART_MEM	au	-	20468	20468	20468
KART_SFG	au	20463	20463	20463	20463
KA_SFGCOR	au	20561	20561	20561	20561
KA_SFSTAT	au	20563	20563	20563	20563
KASGP_PSGP	au	20523	20523	20523	20523
KASGRPPORT	au	20530	20530	20530	20530
KASPMS_FAIL	au	-	20462	20462	20462
KASP_REASON	au	-	20461	20461	20461
KASPSGRPPORT	au	20529	20529	20529	20529
KASPTMR_TAG	au	-	20460	20460	20460
KASRT_MEM	au	20522	20522	20522	20522
KASRTMHG	au	20518	20518	20518	20518
KATEDB	au	20510	20510	20510	20510
KATIMERTAG	au	20465	20465	20465	20465
KAXTRAMUPHST	au	20537	20537	20537	20537
KLMSASRT	da	21108	21408	-	-

KTSMASRT	da	21109	21409	-	-

4.27 MNEMONIC INDEX

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
LBSMASRT	da	21074	21374	21374	21324
LCLMASRT	da	21011	21311	21311	21261
LCSMASRT	da	21012	21312	21312	21262
LHSMASRT	da	20995	21295	21295	21245
LKLMASRT	da	20966	21266	21266	21216
LKSMASRT	da	20964	21264	21264	21214
LOSMASRT	da	20892	21192	21192	21142
LQSMASRT	da	21089	21389	21389	21339
LRSMASRT	da	21117	-	-	-
LTLMASRT	da	20882	21182	21182	21132
LXSMASRT	da	21073	21373	21373	21323
LYLMASRT	da	20950	21250	21250	21200
LYSMASRT	da	20948	21248	21248	21198

4.28 MNEMONIC INDEX: M

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
MASMASRT	da	20861	21161	21161	21111
MCCBADIND	si	24313	24613	24613	24563
MCCBADPCR	si	24316	24616	24616	24566
MCCBADPHR	si	24314	24614	24614	24564
MCCBADRSN	si	24318	24618	24618	24568
MCCBADSTAT	si	24315	24615	24615	24565
MCRBQERR	fc	21440	21740	21740	21690
MCSMASRT	da	20996	21296	21296	21246
MDSMASRT	da	20954	21254	21254	21204
MLSMASRT	da	21019	21319	21319	21269
MPLMASRT	da	20898	21198	21198	21148
MQSMASRT	da	21038	21338	21338	21288
MRSMASRT	da	21079	21379	21379	21329
MS_0_ASRT	as	20008	20008	20008	20008
MS_1_ASRT	as	20009	20009	20009	20009
MS1SILENTSM	as	20076	20076	20076	20076
MS_2_ASRT	as	20010	20010	20010	20010
MS2SILENTSM	as	20077	20077	20077	20077
MS_3_ASRT	as	20011	20011	20011	20011
MS_4_ASRT	as	20012	20012	20012	20012
MS_5_ASRT	as	20013	20013	20013	20013
MS_6_ASRT	as	20014	20014	20014	20014
MS_7_ASRT	as	20015	20015	20015	20015
MS_8_ASRT	as	20016	20016	20016	20016
MS_9_ASRT	as	20017	20017	20017	20017
MS_10_ASRT	as	20018	20018	20018	20018
MS_11_ASRT	as	20085	20085	20085	20085
MS_77_ASRT	as	20154	20154	20154	20154
MS_99_ASRT	as	20099	20099	20099	20099
MS_100_ASRT	as	20100	20100	20100	20100
MS_13_6_UPD	as	20177	20177	20177	20177
MSBAD_LNNODE	as	20175	20175	20175	20175
MSBDSIMS	si	24306	24606	24606	24556
MSBDSIRN	si	24310	24610	24610	24560
MSBDSITP	si	24308	24608	24608	24558
MSCHSHOVFL	as	20215	20215	20215	20215
MSCPEGOVFL	as	20213	20213	20213	20213
MSCPHPEGOVFL	as	20240	20240	20240	-
MSCROPOVFL	as	20239	20239	20239	-
MSCSMTDCUMG	as	20222	20222	20222	20222
MSMAXEDSLEXCED	as	20152	20152	20152	20152
MS_SG_ASRT	as	20176	20176	20176	20176
MTB_ACTION	cm	20777	21077	21077	-
MTBADPFMSTATE	fc	21617	21917	21917	21867
MTBAVAILERR	fc	21775	22075	22075	22025
MTB_CHAN	cm	20773	21073	21073	-
MTB_ERROR	cm	20780	21080	21080	-
MTB_GENFRM	cm	20776	21076	21076	-

MTB_IFD	cm	20778	21078	21078	-
MTB_REJEVENT	cm	20779	21079	21079	-
MTB_STATE	cm	20772	21072	21072	-
MTB_TIMER	cm	20775	21075	21075	-
MTB_UNITTY	cm	20774	21074	21074	-
MTCLOSERR	fc	21776	22076	22076	22026
MTDALBERR	fc	21773	22073	22073	22023
MTINCLLCB	cm	20750	21050	21050	21050
MTINVCOMB	cm	20752	21052	21052	21052
MTINVFRMTYPE	cm	20751	21051	21051	21051
MTINVLLCB	cm	20749	21049	21049	21049
MTINVPCCB	cm	20783	21083	21083	-
MTINVSEQ	cm	20753	21053	21053	21053
MTINXMITQ	cm	20754	21054	21054	21054
MTLLCBIXINV	cm	20748	21048	21048	21048
MTNORESRCE	cm	20726	21026	21026	21026
MTOPENERRR	fc	21774	22074	22074	22024
MTOUTMSGER	fc	21596	21896	21896	21846
MTPARMBAD	cm	20724	21024	21024	21024
MTPASSMSGER	fc	21597	21897	21897	21847
MTTBADDELAY	cm	20733	21033	21033	21033
MTTBADHDC	cm	20734	21034	21034	21034
MTTBADNXT	cm	20735	21035	21035	21035
MTTBADOWNER	cm	20723	21023	21023	21023
MTTBADPREV	cm	20736	21036	21036	21036
MTTBADSTRUCT	cm	20737	21037	21037	21037
MTTBADTIME	cm	20725	21025	21025	21025
MTTBADTTYPE	cm	20738	21038	21038	21038
MTUNEXPMSG	fc	21619	21919	21919	21869
MTUNLCKER	fc	21598	21898	21898	21848
MTWGETER	fc	21615	21915	21915	21865
MWSMASRT	da	21004	21304	21304	21254

4.29 MNEMONIC INDEX: N

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
N1SMASRT	da	21077	21377	21377	21327
N7SMASRT	da	21075	21375	21375	21325
NASMASRT	da	21076	21376	21376	21326
NBLMASRT	da	20916	21216	21216	-
NBSMASRT	da	21015	21315	21315	21265
NDLMASRT	da	20957	21257	21257	21207
NDSMASRT	da	20956	21256	21256	21206
NILMASRT	da	21016	21316	21316	21266
NISMASRT	da	21017	21317	21317	21267
NMAD_DOCDA	nm	22440	22740	22740	22690
NMAD_EXRDA	nm	22404	22704	22704	22654
NMAD_GTGDA	nm	22403	22703	22703	22653
NMAD_IVAR	nm	22406	22706	22706	22656
NMAD_KEYTGC	nm	22407	22707	22707	22657
NMAD_RTKGDB	nm	22405	22705	22705	22655
NMAD_TGCD	nm	22402	22702	22702	22652
NMAD_TRDA	nm	22462	22762	22762	22712
NMASPERROR	nm	22499	22799	22799	22749
NMBADARG	nm	22459	22759	22759	22709
NMBADCNTL	nm	22460	22760	22760	22710
NMBADDATA	nm	22455	22755	22755	22705
NMBADDSA	nm	22466	22766	22766	22716
NMBADLEN	nm	22467	22767	22767	22717
NMBADRC	nm	22454	22754	22754	22704
NMCC_BADDATA	nm	22408	22708	22708	22658
NMCCBADPOLL	nm	22450	22750	22750	22700
NMCC_NONODES	nm	22409	22709	22709	22659
NMCCSMDATA	nm	22451	22751	22751	22701
NMCCTIMEOUT	nm	22449	22749	22749	22699
NMCD_ARC	nm	22443	22743	22743	22693
NMCNAMERROR	nm	22493	22793	22793	22743
NMDDRFAIL	nm	22509	22809	22809	22759
NMDSCCBADATA	nm	22452	22752	22752	22702
NMERRCTM	nm	22445	22745	22745	22695
NMFC_LINE	nm	22411	22711	22711	22661

NMFCTRSMS	nm	22419	22719	22719	22669
NMILL_CMD	nm	22429	22729	22729	22679
NMIMPDIGITS	nm	22410	22710	22710	22660
NMINSANE_PROC	nm	22457	22757	22757	22707
NMIVAL_MSG	nm	22423	22723	22723	22673
NMIVNM_SCH	nm	22424	22724	22724	22674
NMIWCCARG	nm	22432	22732	22732	22682
NMIWCHKARG	nm	22433	22733	22733	22683
NMIWCHKLNK	nm	22435	22735	22735	22685
NMIWDATA	nm	22436	22736	22736	22686
NMIWLINK	nm	22434	22734	22734	22684
NMKY_ARC	nm	22442	22742	22742	22692
NMLDLSTOVFL	nm	22461	22761	22761	22711
NMLIDBOVFL	nm	22458	22758	22758	22708
NMLNDSCC	nm	22465	22765	22765	22715
NMMCLRSMS	nm	22422	22722	22722	22672
NMMSGRMS	nm	22417	22717	22717	22667
NMMMSG_UNIX	nm	22456	22756	22756	22706
NMNCDCCARG	nm	22437	22737	22737	22687
NMNCDCCDATA	nm	22438	22738	22738	22688
NMNCDCHKARG	nm	22439	22739	22739	22689
NMNOCTIMER	nm	22444	22744	22744	22694
NMNOPORTLA	nm	22503	22803	22803	22753
NMOFC_CODE	nm	22412	22712	22712	22662
NMOPCCERR	nm	22478	22778	22778	22728
NMOPCCOVFL	nm	22477	22777	22777	22727
NM_OSAUBU	nm	22427	22727	22727	22677
NM_OSILMSG	nm	22430	22730	22730	22680
NM_OSINVFLD	nm	22431	22731	22731	22681
NM_OSRETC	nm	22428	22728	22728	22678
NMPVNEROR	nm	22463	22763	22763	22713
NMQRYCHK	nm	22446	22746	22746	22696
NMQRYCNTL	nm	22447	22747	22747	22697
NMQRYOVTBL	nm	22448	22748	22748	22698
NMRD_DCOFC	nm	22441	22741	22741	22691
NMSACT_DD	nm	22416	22716	22716	22666
NMSBAD_TG	nm	22415	22715	22715	22665
NMSDNDSCC	nm	22464	22764	22764	22714
NMSP_ENTRY	nm	22400	22700	22700	22650
NMSRTKG_DB	nm	22414	22714	22714	22664
NMSTG_DB	nm	22413	22713	22713	22663
NMTKGDSMS	nm	22421	22721	22721	22671
NMTKGISMS	nm	22420	22720	22720	22670
NMTKGRSMS	nm	22418	22718	22718	22668
NMTP_ENTRY	nm	22425	22725	22725	22675
NMTP_STUCK	nm	22401	22701	22701	22651
NMUNEXMSG	nm	22426	22726	22726	22676
NOANILHB	fc	21889	22189	22189	22139
NOANOLHB	fc	21891	22191	22191	22141
NOISILHB	fc	21890	22190	22190	22140
NOISOLHB	fc	21892	22192	22192	22142
NSLMASRT	da	20949	21249	21249	21199
NSSMASRT	da	20942	21242	21242	21192

4.30 MNEMONIC INDEX: OA0000 - OABANSTIN

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
OA0000	oa	29995	30325	30325	30175
OA0004	oa	29999	30329	30329	30179
OA1_ACDRTFL	oa	30372	30702	30702	30552
OA1_APPCDOOR	oa	30373	30703	30703	30553
OA1CIDOOR	oa	30572	30902	30902	30752
OA1_MSGTYPEFL	oa	30371	30701	30701	30551
OA1_POSNMOOR	oa	30380	30710	30710	30560
OA1SDNNRA	oa	30658	30988	30988	30838
OA1VMS	oa	30682	31012	31012	30862
OA1XATINV	oa	30539	30869	30869	30719
OA1XBMOVFL	oa	30543	30873	30873	30723
OA1XBTYP	oa	30542	30872	30872	30722
OA1XCOCBAD	oa	30541	30871	30871	30721
OA1XDTINV	oa	30544	30874	30874	30724

OA1XFDOVFL	oa	30545	30875	30875	30725
OA1XICOC	oa	30654	30984	30984	30834
OA1XMTYPEFL	oa	30534	30864	30864	30714
OA1XPNBAD	oa	30540	30870	30870	30720
OA1XPNOOR	oa	30533	30863	30863	30713
OA2_ACDRTFL	oa	30626	30956	30956	30806
OA2ACoor	oa	30628	30958	30958	30808
OA2_ARUIDOOR	oa	30624	30954	30954	30804
OA2_MSGTYPEFL	oa	30625	30955	30955	30805
OA2POSID_INV	oa	30636	30966	30966	30816
OA2_POSIDOOR	oa	30623	30953	30953	30803
OA2XMTYPEFL	oa	30627	30957	30957	30807
OA0033	oa	30028	30358	30358	30208
OA3_APPCDOOR	oa	30685	31015	31015	30865
OA3BADBNUM	oa	30805	31135	31135	30985
OA3BADVER	oa	30742	31072	31072	30922
OA3BBOPTINV	oa	30758	31088	31088	30938
OA3BDEISVER	oa	30740	31070	31070	30920
OA3BDVER	oa	30743	31073	31073	30923
OA3BLFVER	oa	30757	31087	31087	30937
OA3BOPTINV	oa	30700	31030	31030	30880
OA3CIDOOR	oa	30690	31020	31020	30870
OA3EISVOOR	oa	30741	31071	31071	30921
OA3MSGTYPEFL	oa	30689	31019	31019	30869
OA3OTRANFL	oa	30746	31076	31076	30926
OA3RTNMFL	oa	30760	31090	31090	30940
OA3TRANFL	oa	30745	31075	31075	30925
OA3XBCF1	oa	30725	31055	31055	30905
OA3XBCF2	oa	30728	31058	31058	30908
OA3XBCF3	oa	30729	31059	31059	30909
OA3XBCF4	oa	30730	31060	31060	30910
OA3XBCF5	oa	30731	31061	31061	30911
OA3XBCF6	oa	30732	31062	31062	30912
OA3XBCF7	oa	30733	31063	31063	30913
OA3XBCF8	oa	30734	31064	31064	30914
OA3XBCF9	oa	30735	31065	31065	30915
OA3XBCFA	oa	30736	31066	31066	30916
OA3XBCFB	oa	30737	31067	31067	30917
OA3XBCFC	oa	30804	31134	31134	30984
OA3XBCFD	oa	30806	31136	31136	30986
OA3XBMOVFL	oa	30699	31029	31029	30879
OA3XBTYP	oa	30698	31028	31028	30878
OA3XMTYPEFL	oa	30691	31021	31021	30871
OA0046	oa	30041	30371	30371	30221
OA0048	oa	30043	30373	30373	30223
OA4_ACDRTFL	oa	30778	31108	31108	30958
OA4_APPCDOOR	oa	30779	31109	31109	30959
OA4CIDOOR	oa	30789	31119	31119	30969
OA4_MSGTYPEFL	oa	30777	31107	31107	30957
OA4_POSNMOOR	oa	30780	31110	31110	30960
OA4XATINV	oa	30783	31113	31113	30963
OA4XBMOVFL	oa	30786	31116	31116	30966
OA4XBTYP	oa	30785	31115	31115	30965
OA4XDTINV	oa	30787	31117	31117	30967
OA4XFDOVFL	oa	30788	31118	31118	30968
OA4XICOC	oa	30790	31120	31120	30970
OA4XMTYPEFL	oa	30782	31112	31112	30962
OA4XPNBAD	oa	30784	31114	31114	30964
OA4XPNOOR	oa	30781	31111	31111	30961
OA0050	oa	30045	30375	30375	30225
OA0052	oa	30342	30672	30672	30522
OA0054	oa	30343	30673	30673	30523
OA0057	oa	30052	30382	30382	30232
OA0058	oa	30053	30383	30383	30233
OA0059	oa	30054	30384	30384	30234
OA5_APPCDOOR	oa	30882	31212	31212	31062
OA5BADBNUM	oa	30864	31194	31194	31044
OA5BBOPTINV	oa	30865	31195	31195	31045
OA5BDEISVER	oa	30866	31196	31196	31046
OA5BDN_DCNT	oa	30867	31197	31197	31047
OA5BDN_MISS	oa	30868	31198	31198	31048
OA5BINIT	oa	30869	31199	31199	31049

OA5B_NMATCH	oa	30872	31202	31202	31052
OA5BNUM_CHG	oa	30870	31200	31200	31050
OA5BOPTINV	oa	30871	31201	31201	31051
OA5CIDOOR	oa	30873	31203	31203	31053
OA5COC_CHG	oa	30874	31204	31204	31054
OA5DIOR_ICS	oa	30875	31205	31205	31055
OA5MSGTYPEFL	oa	30876	31206	31206	31056
OA5NO_SRV	oa	30877	31207	31207	31057
OA5SRV_BDN	oa	30878	31208	31208	31058
OA5XBMOVFL	oa	30879	31209	31209	31059
OA5XBTYP	oa	30880	31210	31210	31060
OA5XMTYPEFL	oa	30881	31211	31211	31061
OA6_AAPCDOOR	oa	30897	31227	31227	31077
OA6BCALL_TR	oa	30889	31219	31219	31069
OA6BDEISVER	oa	30888	31218	31218	31068
OA6BDTMF_OPT	oa	30890	31220	31220	31070
OA6BNMF	oa	30901	31231	31231	31081
OA6CNMFL	oa	30893	31223	31223	31073
OA6LKTOK	oa	30899	31229	31229	31079
OA6MOD_MISS	oa	30896	31226	31226	31076
OA6MSGTYPEFL	oa	30898	31228	31228	31078
OA6RTE_FL	oa	30900	31230	31230	31080
OA6RTNFL	oa	30892	31222	31222	31072
OA6XBMOVFL	oa	30895	31225	31225	31075
OA6XBTYP	oa	30894	31224	31224	31074
OA6XMTYPEFL	oa	30891	31221	31221	31071
OA7BADHIL	oa	-	-	31243	-
OA7INVEMSG	oa	-	-	31244	-
OA7INVIMSG	oa	-	-	31245	-
OA7LKTOK	oa	-	-	31258	-
OA0120	oa	30344	30674	30674	30524
OA0121	oa	30345	30675	30675	30525
OA0123	oa	30347	30677	30677	30527
OA0127	oa	30122	30452	30452	30302
OA0128	oa	30351	30681	30681	30531
OA0129	oa	30352	30682	30682	30532
OA0130	oa	30381	30711	30711	30561
OA0150	oa	30145	30475	30475	30325
OA700C7ER	oa	30711	31041	31041	30891
OA900C7ER	oa	30694	31024	31024	30874
OAABUSYF	oa	30036	30366	30366	30216
OAACCSFAIL	oa	30001	30331	30331	30181
OAACC_TIMO	oa	29983	30313	30313	30163
OAACC_TYPE	oa	29984	30314	30314	30164
OAACCUPTTR	oa	30828	31158	31158	31008
OAACNBFL	oa	30076	30406	30406	30256
OAACNIFL	oa	30077	30407	30407	30257
OAACOPUN	oa	30244	30574	30574	30424
OAAC TOWN	oa	30931	-	-	-
OAAGRTRK	oa	30831	31161	31161	31011
OAHHCSL	oa	30844	31174	31174	31024
OAHHPCSL	oa	30842	31172	31172	31022
OAIDLEF	oa	30040	30370	30370	30220
OAAILSERR	oa	30849	31179	31179	31029
OAA_INCRSN	oa	30187	30517	30517	30367
OAAISDIG	oa	30632	30962	30962	30812
OAALOPTR	oa	30817	31147	31147	30997
OAALOQRY	oa	30818	31148	31148	30998
OAANI2_UNK	oa	30919	31249	-	-
OAANI_DB	oa	30456	30786	30786	30636
OAANIGRP	oa	30929	-	-	-
OAANRIREAS	oa	30042	30372	30372	30222
OAANYCOC_BAD	oa	30121	30451	30451	30301
OAAOCEXTENT	oa	30301	30631	30631	30481
OAAPBBUFF	oa	30346	30676	30676	30526
OAAPBFAIL	oa	30004	30334	30334	30184
OAAPBPOSF	oa	30348	30678	30678	30528
OAAPBTAPF	oa	30353	30683	30683	30533
OAAPB_TMRFAIL	oa	29978	30308	30308	30158
OAAPCCC	oa	30144	30474	30474	30324
OAAPTYPE	oa	30662	30992	30992	30842
OA_AQONHK	oa	30091	30421	30421	30271

OA_AQSENDFL	oa	30087	30417	30417	30267
OA_AQTGFAIL	oa	30158	30488	30488	30338
OA_AQUNMSG	oa	30092	30422	30422	30272
OA_AQZODD	oa	30379	30709	30709	30559
OAASGNDERR	oa	30468	30798	30798	30648
OAASOTPRIM	oa	30676	31006	31006	30856
OAATAPF	oa	30035	30365	30365	30215
OAATCMSGBAD	oa	30902	31232	31232	31082
OAATCSSD	oa	30210	30540	30540	30390
OAATHCSL	oa	30845	31175	31175	31025
OAATPDBINIT	oa	30264	30594	30594	30444
OAATPDBLE	oa	30267	30597	30597	30447
OAATPUXM	oa	30268	30598	30598	30448
OA_AUNEXMSG	oa	30182	30512	30512	30362
OABABADACT	oa	30763	31093	31093	30943
OABABADST	oa	30762	31092	31092	30942
OABACTCOC	oa	30807	31137	31137	30987
OABAD_2TK_GRP	oa	30024	30354	30354	30204
OABADACTION	oa	30753	31083	31083	30933
OABADARG	oa	30810	31140	31140	30990
OABADBIL	oa	30663	30993	30993	30843
OABADBLOPT	oa	30772	31102	31102	30952
OABADCALLCLASS	oa	30286	30616	30616	30466
OABADCCIND	oa	30642	30972	30972	30822
OABADCCRET	oa	30615	30945	30945	30795
OABADCGRP	oa	30277	30607	30607	30457
OABAD_CLS	oa	30612	30942	30942	30792
OABADCSE	oa	30639	30969	30969	30819
OABAD_DA_RET	oa	30020	30350	30350	30200
OABADDATA	oa	30174	30504	30504	30354
OABADDBFRD	oa	30162	30492	30492	30342
OABADDCR	oa	30722	31052	31052	30902
OABADDEST	oa	30103	30433	30433	30283
OABADEBARET	oa	30764	31094	31094	30944
OABADEISRET	oa	30360	30690	30690	30540
OABADERRTYPE	oa	30303	30633	30633	30483
OABAD_ESC_DARET	oa	30661	30991	30991	30841
OABADEVENT	oa	30752	31082	31082	30932
OABAD_EXT_MSG	oa	29982	30312	30312	30162
OABADHDR_ID	oa	30719	31049	31049	30899
OABADHEADER	oa	30683	31013	31013	30863
OABAD_IMF	oa	30621	30951	30951	30801
OABAD_INT_MSG	oa	29977	30307	30307	30157
OABAD_LNP_HEAD	oa	30903	31233	31233	-
OABADMORE	oa	30861	31191	31191	31041
OABADNPA	oa	30298	30628	30628	30478
OABADNXX	oa	30299	30629	30629	30479
OABADOCS	oa	30643	30973	30973	30823
OABADOLOGINID	oa	30339	30669	30669	30519
OABADOPCODE	oa	30302	30632	30632	30482
OABADOPTRN	oa	30466	30796	30796	30646
OABADPARM	oa	29988	30318	30318	30168
OABADPATH	oa	30320	30650	30650	30500
OABADPHRASE	oa	30160	30490	30490	30340
OABADPOSNUM	oa	30555	30885	30885	30735
OABADPREFDIG	oa	30382	30712	30712	30562
OABADPROG	oa	30093	30423	30423	30273
OABADQUE	oa	30008	30338	30338	30188
OABADRANGE	oa	30066	30396	30396	30246
OABADREQTYP	oa	30467	30797	30797	30647
OABAD_REQ_TYPE	oa	30021	30351	30351	30201
OABADREST	oa	30292	30622	30622	30472
OABADRET	oa	29979	30309	30309	30159
OA_BADRETN	oa	30151	30481	30481	30331
OABADRNATM	oa	30756	31086	31086	30936
OABADRTENUM	oa	30285	30615	30615	30465
OABADRTYP	oa	30559	30889	30889	30739
OABADSDAPPOS	oa	30833	31163	31163	31013
OABADSMML	oa	30443	30773	30773	30623
OABADSTATE	oa	29980	30310	30310	30160
OABADSTINFO	oa	30338	30668	30668	30518
OABAD_TA_TYPE	oa	30022	30352	30352	30202

OABADTC	oa	30678	31008	31008	30858
OABADTRANS	oa	30282	30612	30612	30462
OABAD_TRK_GRP	oa	30023	30353	30353	30203
OABADTRN	oa	30225	30555	30555	30405
OABADVARPHR	oa	30684	31014	31014	30864
OABADZNNEXT	oa	30056	30386	30386	30236
OABANSTIN	oa	30273	30603	30603	30453

4.31 MNEMONIC INDEX: OABCKNUMERR - OAER4CCNAME

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
OABCKNUMERR	oa	30205	30535	30535	30385
OABCKQZ_CRD_COC	oa	30155	30485	30485	30335
OABDBLOPT	oa	30607	30937	30937	30787
OABDBLSAME	oa	30738	31068	31068	30918
OABDCC_CR	oa	30640	30970	30970	30820
OABDCCON	oa	30631	30961	30961	30811
OABDCITP	oa	30679	31009	31009	30859
OABDDBNO	oa	30328	30658	30658	30508
OABDDBNUM	oa	30314	30644	30644	30494
OABDDBPARM	oa	30329	30659	30659	30509
OABDEAINFO	oa	30617	30947	30947	30797
OABDEISCOC	oa	30608	30938	30938	30788
OABDELANS	oa	30585	30915	30915	30765
OABDERFC	oa	30775	31105	31105	30955
OABDFCONN	oa	30667	30997	30997	30847
OABDFWCK	oa	30774	31104	31104	30954
OABDISPD	oa	30633	30963	30963	30813
OABDISRVID	oa	30634	30964	30964	30814
OABDLATAK	oa	30620	30950	30950	30800
OABDLSTRAF	oa	30613	30943	30943	30793
OABDOLSR	oa	30708	31038	31038	30888
OABDOSREAS	oa	30616	30946	30946	30796
OABDPTPCOC	oa	30609	30939	30939	30789
OABDRETFC	oa	30773	31103	31103	30953
OABDRQEIS	oa	30803	31133	31133	30983
OABDRTEYTP	oa	30653	30983	30983	30833
OABDSDAST	oa	30754	31084	31084	30934
OABDSRVID	oa	30618	30948	30948	30798
OABDTARET	oa	30614	30944	30944	30794
OABDVERSION	oa	30744	31074	31074	30924
OABILL_BAD	oa	30064	30394	30394	30244
OABINTOASC	oa	30721	31051	31051	30901
OABKCN_NOT_ACQS	oa	30377	30707	30707	30557
OABK_IS_CNACQS	oa	30378	30708	30708	30558
OABK_NOT_ACQS	oa	30106	30436	30436	30286
OABLVEXCL	oa	30097	30427	30427	30277
OABLVSCRN	oa	30096	30426	30426	30276
OABN_MONITRD	oa	30172	30502	30502	30352
OABNSCOC_BAD	oa	30120	30450	30450	30300
OABOOL_ERR	oa	30170	30500	30500	30350
OABRCHKTRQ	oa	30271	30601	30601	30451
OABRDG_FAL	oa	29992	30322	30322	30172
OABRSN_AQTP	oa	30065	30395	30395	30245
OABRT_RPRL	oa	30275	30605	30605	30455
OABUSYPOSEIZ	oa	30556	30886	30886	30736
OACALLDUMP	oa	30580	30910	30910	30760
OACALLINIT	oa	30461	30791	30791	30641
OACALL_LIST	oa	30584	30914	30914	30764
OACAOVLP	oa	30701	31031	31031	30881
OACARD_4FAIL	oa	30116	30446	30446	30296
OACARDAT	oa	30716	31046	31046	30896
OACBADPARM	oa	30863	31193	31193	31043
OACCB COM	oa	30723	31053	31053	30903
OACDCOC_BAD	oa	30119	30449	30449	30299
OACCMODF	oa	30003	30333	30333	30183
OACCPCTUP	oa	30095	30425	30425	30275
OACCTP_PATH_ERR	oa	30925	31255	-	-
OACCTPRUNC	oa	30920	31251	-	-
OACEO_TO_NCEO	oa	30418	30748	30748	30598
OACFCRERR	oa	30016	30346	30346	30196

OACHCON_NOS	oa	-	-	31236	-
OACHDB	oa	30724	31054	31054	30904
OACHK_FAIL	oa	30331	30661	30661	30511
OACIABBK	oa	30247	30577	30577	30427
OACIABFW	oa	30248	30578	30578	30428
OACIBBCK	oa	30228	30558	30558	30408
OACIDTGN	oa	30295	30625	30625	30475
OACIDTXT	oa	30296	30626	30626	30476
OACIEXMP	oa	30211	30541	30541	30391
OACILATA	oa	30252	30582	30582	30432
OACILMIS	oa	30250	30580	30580	30430
OACINMAP	oa	30261	30591	30591	30441
OACINPAF	oa	30224	30554	30554	30404
OACINVBK	oa	30227	30557	30557	30407
OACINVEA	oa	30253	30583	30583	30433
OACINVF	oa	30226	30556	30556	30406
OACIOATG	oa	30242	30572	30572	30422
OACIOTTG	oa	30246	30576	30576	30426
OACKTFYL	oa	30793	31123	31123	30973
OACLG_BAD	oa	30059	30389	30389	30239
OACL_UNXMSG	oa	30692	31022	31022	30872
OACMPCRD_FAIL	oa	30681	31011	31011	30861
OACNFATI	oa	30813	31143	31143	30993
OACNINIT	oa	30840	31170	31170	31020
OACNLKFL	oa	30078	30408	30408	30258
OACNNLKD	oa	30113	30443	30443	30293
OACOCENUM_BAD	oa	30146	30476	30476	30326
OACONF_OP	oa	30135	30465	30465	30315
OACONQFWD	oa	30769	31099	31099	30949
OACONV_FAIL	oa	30860	31190	31190	31040
OACPSDBERR	oa	30759	31089	31089	30939
OACPTGRP	oa	30263	30593	30593	30443
OACRDAGT	oa	30848	31178	31178	31028
OACRD_NMTCH	oa	30652	30982	30982	30832
OACRDPRD	oa	30885	31215	31215	31065
OACREXCPT	oa	30583	30913	30913	30763
OACRMTR	oa	30104	30434	30434	30284
OACSCCLN	oa	30251	30581	30581	30431
OACSEISDATA	oa	30472	30802	30802	30652
OACSEISID	oa	30470	30800	30800	30650
OACSOPEISDB	oa	30469	30799	30799	30649
OACSREQTYPE	oa	30471	30801	30801	30651
OACSR_NMTCH	oa	30674	31004	31004	30854
OACTIN_READ	oa	30129	30459	30459	30309
OACVALCE	oa	30445	30775	30775	30625
OACVCORD	oa	30446	30776	30776	30626
OACVLNKE	oa	30447	30777	30777	30627
OACVMPRT	oa	30449	30779	30779	30629
OACVSDLK	oa	30553	30883	30883	30733
OACVUXEV	oa	30448	30778	30778	30628
OADANGLECONF	oa	30664	30994	30994	30844
OADASCVENDOR	oa	30259	30589	30589	30439
OAD_BADESTID	oa	30062	30392	30392	30242
OAD_BADFLAG	oa	30101	30431	30431	30281
OAD_BADPOSID	oa	30061	30391	30391	30241
OAD_BCTME	oa	30098	30428	30428	30278
OAD_BDRSTRT	oa	30100	30430	30430	30280
OADBRBD	oa	30400	30730	30730	30580
OADBRLCT	oa	30234	30564	30564	30414
OADBRNM	oa	30389	30719	30719	30569
OAD_BSTME	oa	30099	30429	30429	30279
OADCPSSS	oa	30850	31180	31180	31030
OAD_DASCFULL	oa	30215	30545	30545	30395
OAD_DSLFRDFL	oa	30209	30539	30539	30389
OAD_DSLNOMAT	oa	30208	30538	30538	30388
OADEACCS	oa	30179	30509	30509	30359
OADEAC_TMRO	oa	29994	30324	30324	30174
OAD_EMTPOSDB	oa	30183	30513	30513	30363
OAD_FDLFL	oa	30216	30546	30546	30396
OAD_FINFL	oa	30184	30514	30514	30364
OAD_FRDFL	oa	30185	30515	30515	30365
OADFSRVRES	oa	30755	31085	31085	30935

OAD_FUPFL	oa	30186	30516	30516	30366
OADGT_ANA_BAD	oa	30327	30657	30657	30507
OADIGCOSERR	oa	30013	30343	30343	30193
OADIGKEYERR	oa	30014	30344	30344	30194
OAD_INCRSN	oa	30188	30518	30518	30368
OADINGP1	oa	30507	30837	30837	30687
OADINGP2	oa	30509	30839	30839	30689
OADINGP3	oa	30510	30840	30840	30690
OADINGP4	oa	30511	30841	30841	30691
OADINGP5	oa	30512	30842	30842	30692
OADINGP6	oa	30513	30843	30843	30693
OAD_INITFL	oa	30189	30519	30519	30369
OAD_INVDMMSG	oa	30190	30520	30520	30370
OAD_INVPRN	oa	30214	30544	30544	30394
OAD_INVST	oa	30191	30521	30521	30371
OADIORCPS	oa	30751	31081	31081	30931
OADIRCERR	oa	30611	30941	30941	30791
OAD_LSNOMAT	oa	30109	30439	30439	30289
OA_DNMSGTO	oa	30090	30420	30420	30270
OADNNERR	oa	30017	30347	30347	30197
OAD_NPAFLD	oa	30398	30728	30728	30578
OAD_NPANXFLD	oa	30399	30729	30729	30579
OADNRA_C7ER	oa	30883	31213	31213	31063
OADNSTART	oa	30164	30494	30494	30344
OAD_OSENOTCB	oa	30204	30534	30534	30384
OAD_OSERANGE	oa	30203	30533	30533	30383
OAD_OSENDLFL	oa	30108	30438	30438	30288
OAD_OSTMOUT	oa	30196	30526	30526	30376
OAD_OSWGETFL	oa	30110	30440	30440	30290
OAD_POSFRDFL	oa	30199	30529	30529	30379
OAD_POSIDNTSM	oa	30212	30542	30542	30392
OADPTF_C7ER	oa	30924	31254	-	-
OAD_REINTLNK	oa	30265	30595	30595	30445
OAD_RTNMSG	oa	29976	30306	30306	30156
OAD_SRSPFL	oa	30063	30393	30393	30243
OAD_STATFL	oa	30200	30530	30530	30380
OAD_UNACMSG	oa	30060	30390	30390	30240
OAD_UNEXMSG	oa	30201	30531	30531	30381
OAE_ACTIONFL	oa	30578	30908	30908	30758
OAEATRETBAD	oa	30316	30646	30646	30496
OAEBADDBREAD	oa	30537	30867	30867	30717
OAEBADMSGTYPE	oa	30504	30834	30834	30684
OAEBADPARM	oa	30530	30860	30860	30710
OAEBPRONO	oa	30477	30807	30807	30657
OAE_BSCSUX	oa	30506	30836	30836	30686
OAECAITUP	oa	30315	30645	30645	30495
OAE_CIDMM	oa	30503	30833	30833	30683
OAEDBRETIINV	oa	30564	30894	30894	30744
OAEDIEJOBBAD	oa	30319	30649	30649	30499
OAEDPBBAD	oa	30561	30891	30891	30741
OAE_EISIDFL	oa	30283	30613	30613	30463
OAEFDBMSINV	oa	30305	30635	30635	30485
OAEFLAGSBAD	oa	30562	30892	30892	30742
OAEGKBADID	oa	30551	30881	30881	30731
OAEGLPIDBAD	oa	30323	30653	30653	30503
OAEGLPTRBAD	oa	30322	30652	30652	30502
OAEBTMROOR	oa	30306	30636	30636	30486
OAEBHTYPINV	oa	30304	30634	30634	30484
OAEBHUNGTP	oa	30579	30909	30909	30759
OAEIDOOOR	oa	30308	30638	30638	30488
OAEIETPR	oa	30480	30810	30810	30660
OAEIKECT	oa	30491	30821	30821	30671
OAEIKELN	oa	30492	30822	30822	30672
OAEIKELS	oa	30493	30823	30823	30673
OAEINTINV	oa	30558	30888	30888	30738
OAEIPRNO	oa	30478	30808	30808	30658
OAEIRHCAL	oa	30505	30835	30835	30685
OAEISERCNT	oa	30710	31040	31040	30890
OAEISINVPID	oa	30550	30880	30880	30730
OAEISLNGBAD	oa	30547	30877	30877	30727
OAEISLPCNTBAD	oa	30557	30887	30887	30737
OAEISMCID	oa	30481	30811	30811	30661

OAEISMVCL	oa	30574	30904	30904	30754
OAEISNOLNK	oa	30709	31039	31039	30889
OAEISNORES	oa	30548	30878	30878	30728
OAEISRETUNK	oa	30549	30879	30879	30729
OAEISRLNO	oa	30479	30809	30809	30659
OAEISUNXMSG	oa	30291	30621	30621	30471
OAEI3SEND	oa	30307	30637	30637	30487
OAEI3MSINV	oa	30362	30692	30692	30542
OAEIPRETBAD	oa	30577	30907	30907	30757
OAEISINV	oa	30310	30640	30640	30490
OAEMIECI	oa	30488	30818	30818	30668
OAEMIEID	oa	30484	30814	30814	30664
OAEMIESM	oa	30490	30820	30820	30670
OAEMIMSID	oa	30485	30815	30815	30665
OAEMISID	oa	30487	30817	30817	30667
OAEMISRC	oa	30489	30819	30819	30669
OAEMIVEN	oa	30486	30816	30816	30666
OAEMLCOOR	oa	30565	30895	30895	30745
OAE_MSGSETIDFL	oa	30370	30700	30700	30550
OAEMSGVIOL	oa	30707	31037	31037	30887
OAENODALB	oa	30300	30630	30630	30480
OAENOEISDATA	oa	30536	30866	30866	30716
OAENOEISM	oa	30554	30884	30884	30734
OAEPQRT	oa	30809	31139	31139	30989
OAER0CCNAME	oa	30452	30782	30782	30632
OAER1AATOS	oa	30650	30980	30980	30830
OAER1CCNAME	oa	30453	30783	30783	30633
OAER2AATOS	oa	30651	30981	30981	30831
OAER2CCNAME	oa	30454	30784	30784	30634
OAER3CCNAME	oa	30455	30785	30785	30635
OAER4CCNAME	oa	30508	30838	30838	30688

4.32 MNEMONIC INDEX: OAERANNC_HDR - OANO_TCB

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
OAERANNC_HDR	oa	30713	31043	31043	30893
OAE_REASONFL	oa	30294	30624	30624	30474
OAERHRETBAD	oa	30318	30648	30648	30498
OAERLANG_TBL	oa	30717	31047	31047	30897
OAE_RLSFL	oa	30289	30619	30619	30469
OAERPHR_LANG	oa	30712	31042	31042	30892
OAERRDSL	oa	30695	31025	31025	30875
OAERRFTS	oa	30791	31121	31121	30971
OAERRSDAP	oa	30832	31162	31162	31012
OAERTPRCC	oa	30465	30795	30795	30645
OAERTPRNPA	oa	30464	30794	30794	30644
OAE_SCRCDE	oa	30686	31016	31016	30866
OAE_SEIZFL	oa	30284	30614	30614	30464
OAESLLSINV	oa	30311	30641	30641	30491
OAESMATLNK	oa	30535	30865	30865	30715
OAESMCLNK	oa	30482	30812	30812	30662
OAESMGHLNK	oa	30575	30905	30905	30755
OAESMRHLNK	oa	30317	30647	30647	30497
OAESMRLKBAD	oa	30563	30893	30893	30743
OAESMRLNK	oa	30483	30813	30813	30663
OAE_SNDMSGFL	oa	30290	30620	30620	30470
OAESPBADMSG	oa	30552	30882	30882	30732
OAESPCTIMBAD	oa	30476	30806	30806	30656
OAESPDEC	oa	30923	31253	-	-
OAESPENC	oa	30922	31252	-	-
OAESPLNGBAD	oa	30496	30826	30826	30676
OAESPMCBPROB	oa	30498	30828	30828	30678
OAESPMGUNK	oa	30495	30825	30825	30675
OAESPNOCPLD	oa	30333	30663	30663	30513
OAESPReason	oa	30475	30805	30805	30655
OAESPRETUNK	oa	30494	30824	30824	30674
OAESPSTUNK	oa	30500	30830	30830	30680
OAESPSTHROW	oa	30499	30829	30829	30679
OAESPWTIMBAD	oa	30497	30827	30827	30677
OAESRLOOR	oa	30309	30639	30639	30489
OAE_SRVCFL	oa	30279	30609	30609	30459

OAE_TGROUP	oa	30687	31017	31017	30867
OAETKOCID	oa	30569	30899	30899	30749
OAETKOMG	oa	30571	30901	30901	30751
OAETKOPID	oa	30570	30900	30900	30750
OAE_TMEN	oa	30688	31018	31018	30868
OAETPCALLID	oa	30546	30876	30876	30726
OAETPCONPID	oa	30368	30698	30698	30548
OAETPCTIMBAD	oa	30325	30655	30655	30505
OAETPDESTIME	oa	30334	30664	30664	30514
OAETPLNGBAD	oa	30335	30665	30665	30515
OAETPMSETID	oa	30363	30693	30693	30543
OAETPMMSGUNK	oa	30332	30662	30662	30512
OAETPOORSID	oa	30538	30868	30868	30718
OAETPREASON	oa	30324	30654	30654	30504
OAETPRESET	oa	30502	30832	30832	30682
OAETPRETUNK	oa	30337	30667	30667	30517
OAETPSIDBAD	oa	30702	31032	31032	30882
OAETPSMRCID	oa	30365	30695	30695	30545
OAETPSTUNK	oa	30369	30699	30699	30549
OAETPSWAREA	oa	30655	30985	30985	30835
OAETPSWIDBAD	oa	30340	30670	30670	30520
OAETPSWMODID	oa	30364	30694	30694	30544
OAETPTMRUNK	oa	30330	30660	30660	30510
OAETPWTIMBAD	oa	30336	30666	30666	30516
OAETVRETBAD	oa	30576	30906	30906	30756
OAE_UNXLEDB	oa	30532	30862	30862	30712
OAEXTDL_PER	oa	30134	30464	30464	30314
OAFAIL_BLVDA	oa	30598	30928	30928	30778
OAFAILCNFG	oa	30237	30567	30567	30417
OAFAILDROP	oa	30141	30471	30471	30321
OAFAILISSET	oa	30859	31189	31189	31039
OAFAILJOIN	oa	30236	30566	30566	30416
OAFAILNAME	oa	30213	30543	30543	30393
OAFAIL_NPAMAP	oa	30647	30977	30977	30827
OAFAILRSV	oa	30235	30565	30565	30415
OAFAPERR	oa	30274	30604	30604	30454
OAFCFAIL	oa	30808	31138	31138	30988
OAFCHKBERET	oa	30444	30774	30774	30624
OAFCONPM	oa	30085	30415	30415	30265
OAFCONPT	oa	30084	30414	30414	30264
OAFCONPTYP	oa	30714	31044	31044	30894
OAFCTRNM	oa	30083	30413	30413	30263
OAFCTRNT	oa	30082	30412	30412	30262
O AFC_TRUNK	oa	30619	30949	30949	30799
OAFDBADD	oa	30233	30563	30563	30413
OAFDBRM	oa	30232	30562	30562	30412
OAFHCSR	oa	30440	30770	30770	30620
OAFLSRSM	oa	30442	30772	30772	30622
OAF_NPANXX	oa	30434	30764	30764	30614
OAFNSIBAD	oa	30673	31003	31003	30853
OAFPCCB	oa	30374	30704	30704	30554
OAFSPLIT	oa	30245	30575	30575	30425
OAFUBLSR	oa	30439	30769	30769	30619
OAFUILSR	oa	30441	30771	30771	30621
OAFWD_A_ERR	oa	-	-	31242	-
OAGBLTMZN	oa	30207	30537	30537	30387
OAGENDIGBAD	oa	30659	30989	30989	30839
OAGENERAL	oa	30847	31177	31177	31027
OAGENOPBAD	oa	30660	30990	30990	30840
OAGETAPB	oa	30341	30671	30671	30521
OAGETCBDB	oa	30354	30684	30684	30534
OAGOPCSL	oa	30834	31164	31164	31014
OA_GST_MAN_PBX	oa	30387	30717	30717	30567
OA_GST_NOTINDB	oa	30386	30716	30716	30566
OA HAR_STAT	oa	-	-	31240	-
OAHOMEALLERR	oa	30794	31124	31124	30974
OAHTLREL	oa	30175	30505	30505	30355
OAIFATPDB	oa	30047	30377	30377	30227
OAIF_BADDATA	oa	30312	30642	30642	30492
OAIFMH_FAIL	oa	30428	30758	30758	30608
OAIFTRAN	oa	30432	30762	30762	30612
OAIFUNK	oa	30425	30755	30755	30605

OAIFWDN	oa	30424	30754	30754	30604
OAIF_WRONGMSG	oa	30423	30753	30753	30603
OAIFWSH	oa	30419	30749	30749	30599
OAIFWSZ	oa	30426	30756	30756	30606
OAINACCS	oa	30178	30508	30508	30358
OA_INCAQFAIL	oa	30148	30478	30478	30328
OAINC_CAR	oa	30727	31057	31057	30907
OA_INCPTR	oa	30147	30477	30477	30327
OA_INCRESN	oa	30192	30522	30522	30372
OA_INCTRGID	oa	30156	30486	30486	30336
OAINFNAR	oa	30050	30380	30380	30230
OAIFNRV	oa	30049	30379	30379	30229
OAINITNRAF	oa	30835	31165	31165	31015
OAINITPTR	oa	30838	31168	31168	31018
OAINITQRY	oa	30839	31169	31169	31019
OAINDYN	oa	30811	31141	31141	30991
OAINTFLP	oa	30602	30932	30932	30782
OAINT_MSG_BAD	oa	30138	30468	30468	30318
OAINVACT	oa	30438	30768	30768	30618
OAINVBLOPT	oa	30610	30940	30940	30790
OAINVCC_CR	oa	30641	30971	30971	30821
OAINV_CT	oa	30165	30495	30495	30345
OAINVDATA	oa	30358	30688	30688	30538
OAINVEISCOC	oa	30705	31035	31035	30885
OA_INVLDTYP	oa	30039	30369	30369	30219
OAINV_LSCOC	oa	30638	30968	30968	30818
OA_INVLSCOC	oa	30645	30975	30975	30825
OAINV_QRY_DATA	oa	29981	30311	30311	30161
OAINV_RAT_DATA	oa	30281	30611	30611	30461
OAINVRES	oa	30229	30559	30559	30409
OAINVRT	oa	30437	30767	30767	30617
OAINVTRFLRET	oa	30706	31036	31036	30886
OAOTPMMSG	oa	30397	30727	30727	30577
OAIPTPDB	oa	30403	30733	30733	30583
OAIRTCAR	oa	30249	30579	30579	30429
OAISDN_RC	oa	30139	30469	30469	30319
OAISPLSF	oa	30501	30831	30831	30681
OAITLGP1	oa	30518	30848	30848	30698
OAITLGP2	oa	30519	30849	30849	30699
OAITLGP3	oa	30520	30850	30850	30700
OAITLGP4	oa	30521	30851	30851	30701
OAKILLPROC	oa	30715	31045	31045	30895
OALANGOLS	oa	30932	-	-	-
OALEC7CRERR	oa	30933	-	-	-
OALF_OVFL	oa	30567	30897	30897	30747
OALINEDATA_BAD	oa	30862	31192	31192	31042
OALINETERM	oa	30079	30409	30409	30259
OALKSELDUMP	oa	30582	30912	30912	30762
OALKSELINIT	oa	30462	30792	30792	30642
OALKTKOFL	oa	30644	30974	30974	30824
OALNCBDB	oa	30375	30705	30705	30555
OALNCBPC	oa	30355	30685	30685	30535
OALNKDATA	oa	30463	30793	30793	30643
OALNKDUMP	oa	30581	30911	30911	30761
OALNKINIT	oa	30460	30790	30790	30640
OALNP_DAFL	oa	30909	31239	31239	-
OALNPDBBAD	oa	30907	31237	31237	-
OALNPOPRKTF	oa	30905	31235	31235	-
OALNPPARBD	oa	30908	31238	31238	-
OALOGSTAT	oa	30131	30461	30461	30311
OALPRTACCSF	oa	30030	30360	30360	30210
OALPRTPOSF	oa	30029	30359	30359	30209
OALPSGFL	oa	30057	30387	30387	30237
OALSFCOSBAD	oa	30321	30651	30651	30501
OALT_OVFL	oa	30568	30898	30898	30748
OAMAKE_BUSY	oa	30143	30473	30473	30323
OAMC_ADIGERR	oa	30409	30739	30739	30589
OAMC_ARGERR	oa	30416	30746	30746	30596
OAMC_BADTIMER	oa	30413	30743	30743	30593
OAMC_CTINV	oa	30407	30737	30737	30587
OAMC_CTUNUSED	oa	30408	30738	30738	30588
OAMC_INCRSN	oa	30404	30734	30734	30584

OAMC_INVMSG	oa	30406	30736	30736	30586
OAMC_NOTIMER	oa	30412	30742	30742	30592
OAMC_ODIGERR	oa	30410	30740	30740	30590
OAMC_SDIGERR	oa	30411	30741	30741	30591
OAMC_SZERR	oa	30415	30745	30745	30595
OAMC_TIMEOUT	oa	30414	30744	30744	30594
OAMC_UNEXMSG	oa	30405	30735	30735	30585
OAMISS_LNP_NXX	oa	30904	31234	31234	-
OAMNTD_IMTXT	oa	29989	30319	30319	30169
OAMNTDTMRF	oa	29986	30316	30316	30166
OAMNTD_TMRO	oa	29987	30317	30317	30167
OAMNTG_PHF	oa	29991	30321	30321	30171
OAMNTGTMRF	oa	29990	30320	30320	30170
OAMNUNXCLR	oa	29997	30327	30327	30177
OAMON_PERM	oa	30171	30501	30501	30351
OAMSGINFL	oa	30604	30934	30934	30784
OAMTBENUM	oa	30258	30588	30588	30438
OAMTI_CMPLT	oa	30601	30931	30931	30781
OAMTI_KILL	oa	30599	30929	30929	30779
OAMTI_SUICIDE	oa	30600	30930	30930	30780
OAMTPBSM	oa	30560	30890	30890	30740
OANCDIOC_BAD	oa	30117	30447	30447	30297
OANCEO_TO_CEO	oa	30417	30747	30747	30597
OANDSLPR	oa	30693	31023	31023	30873
OANFTLDB	oa	29975	30305	30305	30155
OANFWDNUM	oa	30648	30978	30978	30828
OANGENERAL	oa	30917	31247	-	-
OANG_TADATA	oa	30313	30643	30643	30493
OANITOO	oa	30401	30731	30731	30581
OANMIFLW	oa	30391	30721	30721	30571
OANMRRDN	oa	30392	30722	30722	30572
OANOCRUPD	oa	30739	31069	31069	30919
OANOCTIN	oa	30450	30780	30780	30630
OANODALB	oa	30086	30416	30416	30266
OANODEST	oa	30680	31010	31010	30860
OANOCOPRTK	oa	30857	31187	31187	31037
OANO_FCTRNK	oa	30635	30965	30965	30815
OANOFIXEDRI	oa	30531	30861	30861	30711
OA_NOHOBSC	oa	30154	30484	30484	30334
OANOKEY	oa	30137	30467	30467	30317
OANOLANG_TBL	oa	30718	31048	31048	30898
OANONUSA	oa	30720	31050	31050	30900
OANO_OTDB	oa	30855	31185	31185	31035
OANO_OTP	oa	30102	30432	30432	30282
OANOPORTLA	oa	30361	30691	30691	30541
OANOPHT_REL	oa	30288	30618	30618	30468
OANORCLTUP	oa	30293	30623	30623	30473
OANORECV	oa	30157	30487	30487	30337
OANORTGEN	oa	30006	30336	30336	30186
OANOSERV	oa	30435	30765	30765	30615
OANOSRVOT	oa	30622	30952	30952	30802
OANOSTINFO	oa	30677	31007	31007	30857
OANOSVDT	oa	30436	30766	30766	30616
OANO_TCB	oa	30067	30397	30397	30247

4.33 MNEMONIC INDEX: OANOTIMER - OAUXRCLR

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
OANOTIMER	oa	30359	30689	30689	30539
OANPORTPID	oa	30669	30999	30999	30849
OANRAINCON	oa	30884	31214	31214	31064
OANRIFLW	oa	30394	30724	30724	30574
OANRRRDN	oa	30395	30725	30725	30575
OANRTGEN	oa	30272	30602	30602	30452
OANSUBERR	oa	30159	30489	30489	30339
OANTINDB	oa	30166	30496	30496	30346
OANULEMG	oa	30007	30337	30337	30187
OANUM_TYPE	oa	30133	30463	30463	30313
OANXXREL	oa	30176	30506	30506	30356
OAOCNERR	oa	30018	30348	30348	30198
OAODISP	oa	30163	30493	30493	30343

OAOFCCRERR	oa	30262	30592	30592	30442
OAOLIBAD	oa	30665	30995	30995	30845
OAOLNSCN	oa	30926	-	-	-
OAOLNSHT	oa	30927	-	-	-
OAOLOG_READ	oa	30126	30456	30456	30306
OAOLOG_TUP	oa	30118	30448	30448	30298
OAOLSERR	oa	30105	30435	30435	30285
OAOLSPRB	oa	30390	30720	30720	30570
OAOLSTRKCN	oa	30605	30935	30935	30785
OAOPBADREQ	oa	30218	30548	30548	30398
OAOPBADVAL	oa	30223	30553	30553	30403
OAOPBPOOL	oa	30217	30547	30547	30397
OAOPDBFAIL	oa	30222	30552	30552	30402
OAOPERINDBAD	oa	30858	31188	31188	31038
OAOPHBSTOP	oa	30219	30549	30549	30399
OAOPLINETERM	oa	30202	30532	30532	30382
OAOPNOBUF	oa	30221	30551	30551	30401
OAOPPRFAIL	oa	30220	30550	30550	30400
OAOPRCCERR	oa	30603	30933	30933	30783
OAOPSMOTNL	oa	30451	30781	30781	30631
OAOPSTLVL	oa	30044	30374	30374	30224
OAOPTRKTRM	oa	30748	31078	31078	30928
OAQANTKUXM	oa	30073	30403	30403	30253
OAQWACKUXM	oa	30074	30404	30404	30254
OAQWANUXM	oa	30072	30402	30402	30252
OAQWSZUXM	oa	30071	30401	30401	30251
OAORANCT	oa	30396	30726	30726	30576
OAORNOCT	oa	30393	30723	30723	30573
OA_OSCNM	oa	30058	30388	30388	30238
OA_OSENMOCB	oa	30149	30479	30479	30329
OAOSPDAGT	oa	30825	31155	31155	31005
OAOTDBIDLE	oa	30854	31184	31184	31034
OAOTDBINIT	oa	30851	31181	31181	31031
OAOT_P_ERR	oa	-	-	31241	-
OAOTP_IFLOW	oa	30422	30752	30752	30602
OAOTR_VLDLFL	oa	30111	30441	30441	30291
OAOUT_CALL	oa	30132	30462	30462	30312
OAPARM_RDF	oa	29985	30315	30315	30165
OAPCBLAOTDB	oa	30853	31183	31183	31033
OAPCBLAPBF	oa	30383	30713	30713	30563
OAPI2PTB	oa	30726	31056	31056	30906
OAPICBNM	oa	30081	30411	30411	30261
OAPICBNT	oa	30080	30410	30410	30260
OAPOLSERR	oa	30918	31248	-	-
OAPOSAPBF	oa	30349	30679	30679	30529
OAPOS_INIT	oa	30142	30472	30472	30322
OAPOSLOOPF	oa	30350	30680	30680	30530
OAPOS_LPRT	oa	30009	30339	30339	30189
OAPOSLPRTF	oa	30429	30759	30759	30609
OAPOS_READ	oa	30128	30458	30458	30308
OAPOS_STILMON	oa	29996	30326	30326	30176
OAPRL_ERR	oa	30326	30656	30656	30506
OAPRTFYL	oa	30792	31122	31122	30972
OAPSLPRTRD	oa	30033	30363	30363	30213
OAPTRDBADD	oa	30356	30686	30686	30536
OAPTREXRS	oa	30819	31149	31149	30999
OAPTRFAIL	oa	30000	30330	30330	30180
OAPTRFARI	oa	30821	31151	31151	31001
OAPTRFATI	oa	30814	31144	31144	30994
OAPTRLNKF	oa	30031	30361	30361	30211
OAPTRLPCB	oa	30827	31157	31157	31007
OAPTRUPCB	oa	30823	31153	31153	31003
OAPUR_PROC	oa	30019	30349	30349	30199
OAQBDBACOC	oa	30761	31091	31091	30941
OAQRYEXRS	oa	30820	31150	31150	31000
OAQRYFAIL	oa	30002	30332	30332	30182
OAQRYFARI	oa	30822	31152	31152	31002
OAQRYFATI	oa	30815	31145	31145	30995
OAQRYFWD	oa	30767	31097	31097	30947
OAQRYLPTR	oa	30826	31156	31156	31006
OAQRYMODF	oa	30005	30335	30335	30185
OAQRY_NOLOOP	oa	30637	30967	30967	30817

OAQRYUPTR	oa	30824	31154	31154	31004
OAQUERY_BAD	oa	30123	30453	30453	30303
OARASTUXM	oa	30269	30599	30599	30449
OARATCFWD	oa	30766	31096	31096	30946
OARATCQFWD	oa	30770	31100	31100	30950
OARATECONN	oa	30055	30385	30385	30235
OARATFWD	oa	30765	31095	31095	30945
OARATQFWD	oa	30768	31098	31098	30948
OARCLTYPFL	oa	30280	30610	30610	30460
OARCNBFL	oa	30114	30444	30444	30294
OARCNIFL	oa	30115	30445	30445	30295
OARESX_READ	oa	30127	30457	30457	30307
OARET_ERR	oa	30169	30499	30499	30349
OARETINVALID	oa	30474	30804	30804	30654
OARFBNARET	oa	30795	31125	31125	30975
OARGLPRM	oa	30816	31146	31146	30996
OARHHCSL	oa	30841	31171	31171	31021
OAR_INCRSN	oa	30197	30527	30527	30377
OARMBUSYF	oa	30038	30368	30368	30218
OARMIDLEF	oa	30034	30364	30364	30214
OARMTAPF	oa	30037	30367	30367	30217
OARNOMATCH	oa	30385	30715	30715	30565
OA_RPDBP	oa	30750	31080	31080	30930
OARPDBPT	oa	30749	31079	31079	30929
OA_R_PRT	oa	30697	31027	31027	30877
OAQRTYPINVALID	oa	30473	30803	30803	30653
OARSPCSL	oa	30843	31173	31173	31023
OARSP_ENTRY	oa	30167	30497	30497	30347
OARSPUNXP	oa	30168	30498	30498	30348
OARSTATFAIL	oa	30384	30714	30714	30564
OA_RSTPID	oa	30088	30418	30418	30268
OA_RSTTM	oa	30089	30419	30419	30269
OARTCRERR	oa	30025	30355	30355	30205
OAR_UNEXMSG	oa	30195	30525	30525	30375
OASACDRIERR	oa	30027	30357	30357	30207
OASACERR	oa	30026	30356	30356	30206
OASCCSPERR	oa	30930	31260	-	-
OASDAPPRMT	oa	30846	31176	31176	31026
OASDNDESTERR	oa	30656	30986	30986	30836
OASEND_FAL	oa	29993	30323	30323	30173
OASENDMSGFL	oa	30112	30442	30442	30292
OASETNRAF	oa	30836	31166	31166	31016
OASEZ_TYPE	oa	30140	30470	30470	30320
OASIDRETBAD	oa	30703	31033	31033	30883
OASIGTRKCN	oa	30606	30936	30936	30786
OASMASRT	da	20932	21232	21232	21182
OASMIGP1	oa	30514	30844	30844	30694
OASMIGP2	oa	30515	30845	30845	30695
OASMIGP3	oa	30516	30846	30846	30696
OASMIGP4	oa	30517	30847	30847	30697
OASMOTMISS	oa	30856	31186	31186	31036
OASOLO_ACD	oa	30921	31250	-	-
OASRBNARET	oa	30797	31127	31127	30977
OASRCCFLRET	oa	30796	31126	31126	30976
OASRVCLNV	oa	30629	30959	30959	30809
OASRVIDBAD	oa	30704	31034	31034	30884
OASRVINIT	oa	30837	31167	31167	31017
OASS7AILS	oa	30886	31216	31216	31066
OASTATREL	oa	30458	30788	30788	30638
OASTATUPDT	oa	30198	30528	30528	30378
OASTINDATA	oa	30094	30424	30424	30274
OASTIN_OAEDI	oa	30243	30573	30573	30423
OASTIN_RD	oa	30032	30362	30362	30212
OASTIN_TUP	oa	30125	30455	30455	30305
OASTWACKUXM	oa	30070	30400	30400	30250
OATADA_MIX	oa	30181	30511	30511	30361
OATANTYPE	oa	30666	30996	30996	30846
OATAPAPBF	oa	30357	30687	30687	30537
OATAVT_A	oa	30048	30378	30378	30228
OATCMOBF	oa	30266	30596	30596	30446
OATCS_NMTCH	oa	30649	30979	30979	30829
OATDFRRET	oa	30802	31132	31132	30982

OATFBNARET	oa	30798	31128	31128	30978
OATFSTLVL	oa	30046	30376	30376	30226
OATIMEREL	oa	30457	30787	30787	30637
OATKCRERR	oa	30015	30345	30345	30195
OATKLCERR	oa	30278	30608	30608	30458
OATKORTERR	oa	30566	30896	30896	30746
OATKOVERBD	oa	30747	31077	31077	30927
OATLAAS1	oa	30594	30924	30924	30774
OATLAF1	oa	30593	30923	30923	30773
OATLAGP1	oa	30595	30925	30925	30775
OATLAGP2	oa	30596	30926	30926	30776
OATLAGP3	oa	30597	30927	30927	30777
OATMAREA	oa	30260	30590	30590	30440
OATMREL	oa	30177	30507	30507	30357
OATMSCOPE	oa	30430	30760	30760	30610
OATMZN	oa	30206	30536	30536	30386
OATNSBAD	oa	30672	31002	31002	30852
OATPOAS1	oa	30528	30858	30858	30708
OATPOAS2	oa	30529	30859	30859	30709
OATPOAS3	oa	30587	30917	30917	30767
OATPOF1	oa	30526	30856	30856	30706
OATPOF2	oa	30527	30857	30857	30707
OATPOF3	oa	30586	30916	30916	30766
OATPOGP1	oa	30522	30852	30852	30702
OATPOGP2	oa	30523	30853	30853	30703
OATPOGP3	oa	30524	30854	30854	30704
OATPOGP4	oa	30525	30855	30855	30705
OATPOGP5	oa	30591	30921	30921	30771
OATPOGP6	oa	30592	30922	30922	30772
OATPOGP7	oa	30588	30918	30918	30768
OATPOGP8	oa	30589	30919	30919	30769
OATPOGP9	oa	30590	30920	30920	30770
OATPSDPOS	oa	30241	30571	30571	30421
OATPSDTP	oa	30012	30342	30342	30192
OATPSGTP	oa	30011	30341	30341	30191
OATPSIPOS	oa	30238	30568	30568	30418
OATPSITP	oa	30010	30340	30340	30190
OATPSPRLA	oa	30239	30569	30569	30419
OATPSPSDB	oa	30240	30570	30570	30420
OATRKCK_COC_OPINIT	oa	30153	30483	30483	30333
OATRKGRP_BAD	oa	30124	30454	30454	30304
OATRN_BAD	oa	30366	30696	30696	30546
OATRNCATED	oa	30107	30437	30437	30287
OATRNGREL	oa	30459	30789	30789	30639
OATRNOLS	oa	30916	31246	-	-
OATSTACCS	oa	30180	30510	30510	30360
OATTKUXM	oa	30075	30405	30405	30255
OAUESCTN	oa	30657	30987	30987	30837
OA_UESNMSG	oa	30150	30480	30480	30330
OAUEXPMSG	oa	30230	30560	30560	30410
OAUEXPRET	oa	30231	30561	30561	30411
OAUGLPRM	oa	30812	31142	31142	30992
OAUKN_MSG	oa	30367	30697	30697	30547
OAUMSGWR	oa	30051	30381	30381	30231
OAUNEEDCPDL	oa	30573	30903	30903	30753
OA_UNEXCLSS	oa	30152	30482	30482	30332
OAUNEXFWCKR	oa	30771	31101	31101	30951
OAUNEXPTR	oa	30829	31159	31159	31009
OAUNEXQRY	oa	30830	31160	31160	31010
OAUNEX_RET	oa	30668	30998	30998	30848
OA_UNEXWMSG	oa	30193	30523	30523	30373
OAUNK_CARR	oa	30776	31106	31106	30956
OAUNONOFF	oa	30254	30584	30584	30434
OAUNRLOFFON	oa	30255	30585	30585	30435
OAUNSDS	oa	30256	30586	30586	30436
OAUNTRANROW	oa	30257	30587	30587	30437
OAUNXDESTTYPE	oa	30887	31217	31217	31067
OAUNXMSG	oa	30130	30460	30460	30310
OAUNXPATREL	oa	30287	30617	30617	30467
OAUNX_PID	oa	30136	30466	30466	30316
OAUNXREL	oa	29998	30328	30328	30178
OAUNXRES	oa	30630	30960	30960	30810

OAUNXSIG	oa	30431	30761	30761	30611
OAUPCCB	oa	30376	30706	30706	30556
OA_U_PRT	oa	30696	31026	31026	30876
OAUXPMSG	oa	30173	30503	30503	30353
OAUXRCLR	oa	30276	30606	30606	30456

4.34 MNEMONIC INDEX: OAVMS_BADPARM - OUT_OF_RANGE

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
OAVMS_BADPARM	oa	30670	31000	31000	30850
OAVMSUNXCDSP	oa	30671	31001	31001	30851
OAVMS_UNXEV	oa	30675	31005	31005	30855
OAVT_BADPSDB	oa	30433	30763	30763	30613
OAVTBD_DB	oa	30421	30751	30751	30601
OAVT_BD_IFM	oa	30427	30757	30757	30607
OAVTE_KILD	oa	30420	30750	30750	30600
OAVTE_MRCV	oa	30402	30732	30732	30582
OAVT_OLS	oa	30194	30524	30524	30374
OAVT_TCS	oa	30297	30627	30627	30477
OAWAREBNARET	oa	30800	31130	31130	30980
OAWAREBNARET	oa	30799	31129	31129	30979
OAWDISCUXM	oa	30069	30399	30399	30249
OAWAREFUXM	oa	30270	30600	30600	30450
OAWAREBNARET	oa	30801	31131	31131	30981
OAWARETUXM	oa	30068	30398	30398	30248
OAZANCTYP	oa	30161	30491	30491	30341
OAZERONPA	oa	30646	30976	30976	30826
OAZIP_OTDBS	oa	30852	31182	31182	31032
OCBADBUFP	sipp	43593	44193	44193	44193
OCBADCHTP	sipp	43591	44191	44191	44191
OCBADCNT	sipp	43614	44214	44214	44214
OCBADID	sipp	43610	44210	44210	44210
OCBADLLCB	sipp	43592	44192	44192	44192
OCBADLPHN	si	24539	24839	24839	24789
OCBADOS	sipp	43597	44197	44197	44197
OCBADPID	si	24445	24745	24745	24695
OCBADREAS	sipp	43590	44190	44190	44190
OCDDRDERR	si	24574	24874	24874	24824
OCDDWTERR	si	24575	24875	24875	24825
OCDDRERR	sipp	43554	44154	44154	44154
OCDTREAD	si	24566	24866	24866	24816
OCDTWTERR	sipp	43553	44153	44153	44153
OCHMERR	si	24576	24876	24876	24826
OCLMASRT	da	21039	21339	21339	21289
OCMSGID	si	24565	24865	24865	24815
OCOORLLCB	sipp	43594	44194	44194	44194
OCOORLVL	sipp	43596	44196	44196	44196
OCOSSNDER	si	24542	24842	24842	24792
OCOVLDERR	si	24513	24813	24813	24763
OCPIPSSND	sipp	43599	44199	44199	44199
OCPREASERR	sipp	43573	44173	44173	44173
OCPPSSNDER	si	24511	24811	24811	24761
OCRLGETER	si	24541	24841	24841	24791
OCSMASRT	da	21040	21340	21340	21290
OCSMDTRD	si	24540	24840	24840	24790
OCSMRDERR	si	24611	24911	24911	24861
OCUNKSITP	si	24584	24884	24884	24834
OHSMASRT	da	21105	21405	21405	-
OP_AR_ACC_DB	op	34032	-	-	-
OP_AR_END_DB	op	34033	-	-	-
OP_AR_OPN_DB	op	34031	-	-	-
OP_BADMSGTYPE	op	34026	-	-	-
OPBADROUTE_ENTRY	op	34054	-	-	-
OPBADTRGRS	op	34027	-	-	-
OPCSADASRT	op	34025	-	-	-
OPINVALID_PID	op	34055	-	-	-
OPLMASRT	da	20965	21265	21265	21215
OPNOPORTLA	op	34042	-	-	-
OP_OS_BAD	op	34034	-	-	-
OP_RANGE	op	34030	-	-	-
OPSMASRT	da	20984	21284	21284	21234

OPUNXMSG	op	34029	-	-	-
OSACE0	os	40850	41450	41450	41450
OSACE1	os	40851	41451	41451	41451
OSACE2	os	40852	41452	41452	41452
OSACE3	os	40853	41453	41453	41453
OSACE4	os	40854	41454	41454	41454
OSACE5	os	40855	41455	41455	41455
OSACE6	os	40856	41456	41456	41456
OSACE7	os	40857	41457	41457	41457
OSACE8	os	40858	41458	41458	41458
OSACE9	os	40859	41459	41459	41459
OSACE12	os	40862	41462	41462	41462
OSACE13	os	40863	-	-	-
OSACE15	os	40865	41465	41465	41465
OSACE16	os	40866	41466	41466	41466
OSACE17	os	40867	41467	41467	41467
OSACE18	os	40868	41468	41468	41468
OSACE19	os	40869	41469	41469	41469
OSACE20	os	40870	41470	41470	41470
OSACE21	os	40871	41471	41471	41471
OSACE22	os	40872	41472	41472	41472
OSACE23	os	40873	41473	41473	41473
OSACE24	os	40874	41474	41474	41474
OSACE25	os	40875	41475	41475	41475
OSACE26	os	40876	41476	41476	41476
OSACE27	os	40877	41477	41477	41477
OSACE28	os	40878	41478	41478	41478
OSACE29	os	40879	41479	41479	41479
OSACE30	os	40880	-	-	-
OSACE31	os	40881	41481	41481	41481
OSACE32	os	40882	41482	41482	41482
OSACE33	os	40883	41483	41483	41483
OSACE34	os	40884	41484	41484	41484
OSACE35	os	40885	41485	41485	41485
OSACE36	os	40886	41486	41486	41486
OSACE37	os	40887	-	-	-
OSACE38	os	40888	41488	41488	41488
OSACE39	os	40889	41489	41489	41489
OSACE40	os	40890	-	-	-
OSACE41	os	40891	41491	41491	41491
OSACE42	os	40892	41492	41492	41492
OSACE43	os	40893	-	-	-
OSACE44	os	40894	41494	41494	41494
OSACE46	os	40896	41496	41496	41496
OSACE47	os	40897	41497	41497	41497
OSACE48	os	40898	41498	41498	41498
OSACE49	os	40899	41499	41499	41499
OSACE50	os	40900	41500	41500	41500
OSACE51	os	40901	41501	41501	41501
OSACE52	os	40902	41502	41502	41502
OSACE53	os	40903	41503	41503	41503
OSACE54	os	40904	41504	41504	41504
OSACE55	os	40905	41505	41505	41505
OSACE56	os	40906	41506	41506	41506
OSACE57	os	40907	41507	41507	41507
OSACE59	os	40909	41509	41509	41509
OSACE60	os	40910	41510	41510	41510
OSACE61	os	40911	41511	41511	41511
OSACE62	os	40912	41512	41512	41512
OSACE63	os	40913	41513	41513	41513
OSACE64	os	40914	41514	41514	41514
OSACE65	os	40915	41515	41515	41515
OSACE67	os	40917	41517	41517	41517
OSACE68	os	40918	41518	41518	41518
OSACE69	os	40919	41519	41519	41519
OSACE70	os	40920	41520	41520	41520
OSACE71	os	40921	41521	41521	41521
OSACE72	os	40922	41522	41522	41522
OSACE73	os	40923	41523	41523	41523
OSACE74	os	40924	41524	41524	41524
OSACE75	os	40925	41525	41525	41525
OSACE76	os	40926	41526	41526	41526

OSACE77	OS	40927	41527	41527	41527
OSACE78	OS	40928	41528	41528	41528
OSACE79	OS	40929	41529	41529	41529
OSACE81	OS	40931	41531	41531	41531
OSACE82	OS	40932	41532	41532	41532
OSACE84	OS	40934	41534	41534	41534
OSACE85	OS	40935	41535	41535	41535
OSACE86	OS	40936	41536	41536	41536
OSACE89	OS	40939	41539	41539	41539
OSACE90	OS	40940	41540	41540	41540
OSACE91	OS	40941	41541	41541	41541
OSACE92	OS	40942	41542	41542	41542
OSACE93	OS	40943	41543	41543	41543
OSACE94	OS	40944	41544	41544	41544
OSACE95	OS	40945	41545	41545	41545
OSACE97	OS	40947	41547	41547	41547
OSACE99	OS	40949	41549	41549	41549
OSACE100	OS	40950	41550	41550	41550
OSACE101	OS	40951	41551	41551	41551
OSACE102	OS	40952	41552	41552	41552
OSACE103	OS	40953	41553	41553	41553
OSACE104	OS	40954	41554	41554	41554
OSACE105	OS	40955	41555	41555	41555
OSACE106	OS	40956	41556	41556	41556
OSACE107	OS	40957	41557	41557	41557
OSACE108	OS	40958	41558	41558	41558
OSACE109	OS	40959	41559	41559	41559
OSACE110	OS	40960	41560	41560	41560
OSACE111	OS	40961	41561	41561	41561
OSACE112	OS	40962	41562	41562	41562
OSACE113	OS	40963	41563	41563	41563
OSACE114	OS	40964	41564	41564	41564
OSACE115	OS	40965	41565	41565	41565
OSACE116	OS	40966	41566	41566	41566
OSACE117	OS	40967	41567	41567	41567
OSACE118	OS	40968	41568	41568	41568
OSACE119	OS	40969	41569	41569	41569
OSACE120	OS	40970	41570	41570	41570
OSACE121	OS	40971	41571	41571	41571
OSACE122	OS	40972	41572	41572	41572
OSACE123	OS	40973	41573	41573	41573
OSACE124	OS	40974	41574	41574	41574
OSACE125	OS	40975	41575	41575	41575
OSACE126	OS	40976	41576	41576	41576
OSACE127	OS	40977	41577	41577	41577
OSACE128	OS	40978	41578	41578	41578
OSACE129	OS	40979	41579	41579	41579
OSACE130	OS	40980	41580	41580	41580
OSACE131	OS	40981	41581	41581	41581
OSACE132	OS	40982	41582	41582	41582
OSACE133	OS	40983	41583	41583	41583
OSACE134	OS	40984	41584	41584	41584
OSACE135	OS	40985	41585	41585	41585
OSACE136	OS	40986	41586	41586	41586
OSACE142	OS	40992	41592	41592	41592
OSACE143	OS	40993	41593	41593	41593
OSACE144	OS	40994	41594	41594	41594
OSACE145	OS	40995	41595	41595	41595
OSACE146	OS	40996	41596	41596	41596
OSACE147	OS	40997	41597	41597	41597
OSACE148	OS	40998	41598	41598	41598
OSACE149	OS	40999	41599	41599	41599
OSACE150	OS	41000	41600	41600	41600
OSACE152	OS	41002	41602	41602	41602
OSACE153	OS	41003	41603	41603	41603
OSACE154	OS	41004	41604	41604	41604
OSACE155	OS	41005	41605	41605	41605
OSACE156	OS	41006	41606	41606	41606
OSACE157	OS	41007	41607	41607	41607
OSACE158	OS	41008	41608	41608	41608
OSACE159	OS	41009	41609	41609	41609
OSACE160	OS	41010	41610	41610	-

OSACE161	os	41011	41611	41611	-
OSACE162	os	41012	41612	41612	-
OSACE163	os	41013	41613	41613	-
OSACE164	os	41014	41614	41614	-
OSACE165	os	41015	41615	41615	-
OSACE166	os	41016	41616	41616	-
OSACE188	os	41038	41638	41638	41638
OSACE189	os	41039	41639	41639	41639
OSACE190	os	41040	41640	41640	41640
OSACE191	os	41041	41641	41641	41641
OSACE192	os	41042	41642	41642	41642
OSACE193	os	41043	41643	41643	41643
OSACE194	os	41044	41644	41644	41644
OSACE195	os	41045	41645	41645	41645
OSACE197	os	41047	41647	41647	41647
OSACE198	os	41048	41648	41648	41648
OSACE199	os	41049	41649	41649	41649
OSACE200	os	41050	41650	41650	41650
OSACE201	os	41051	41651	41651	41651
OSACE203	os	41053	41653	41653	41653
OSACE205	os	41055	41655	41655	41655
OSSMASRT	da	20933	21233	21233	21183
OTLMASRT	da	20941	21241	21241	21191
OTSMASRT	da	20943	21243	21243	21193
OUSMASRT	da	21120	-	-	-
OUT_OF_RANGE	unk	49999	49999	49999	49999
	unkpp	49999	-	-	-

4.35 MNEMONIC INDEX: P7SMASRT - PCINSGDB

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
P7SMASRT	da	21054	21354	21354	21304
PALMASRT	da	21024	21324	21324	21274
PASMASRT	da	21023	21323	21323	21273
PBLMASRT	da	20902	21202	21202	21152
PBSMASRT	da	20900	21200	21200	21150
PC1CCSNK	pc	22869	23169	23169	23119
PC1PCBLA	pc	22861	23161	23161	23111
PCABGTIMER	pc	22755	23055	23055	23005
PCABRGCC	pc	23067	-	-	-
PCACBGS	pc	22715	23015	23015	22965
PCACCBCH	pc	22863	23163	23163	23113
PCACCBRG	pc	23065	-	-	-
PCACCCD	pc	22721	23021	23021	22971
PCACCCQ	pc	22725	23025	23025	22975
PCACCCPC	pc	23021	23321	23321	23271
PCACCPH	pc	22717	23017	23017	22967
PCACCSNK	pc	22716	23016	23016	22966
PCACCSRC	pc	22724	23024	23024	22974
PCACDBCOM	pc	22666	22966	22966	22916
PCACDCH	pc	22729	23029	23029	22979
PCACDCQ	pc	22723	23023	23023	22973
PCACHAN	pc	22670	22970	22970	22920
PCACHCD	pc	22727	23027	23027	22977
PCACTNG_T_C	pc	22964	23264	23264	23214
PCADSCC	pc	22669	22969	22969	22919
PCAHLS	pc	22671	22971	22971	22921
PCANGACT	pc	22951	23251	23251	23201
PCANGCCB	pc	22950	23250	23250	23200
PCANGDEACT	pc	22952	23252	23252	23202
PCAPCCC	pc	22718	23018	23018	22968
PCAPCPH	pc	22719	23019	23019	22969
PCAPCPO	pc	22732	23032	23032	22982
PCAPDU	pc	22908	23208	23208	23158
PCAPHCC	pc	22749	23049	23049	22999
PCAPHDB	pc	22754	23054	23054	23004
PCAPHPC	pc	22748	23048	23048	22998
PCAPHSNK	pc	22750	23050	23050	23000
PCAPHSRC	pc	22751	23051	23051	23001
PCAPMAPBAD	pc	22637	22937	22937	22887
PCAPOPC	pc	22733	23033	23033	22983

PCARG	pc	22630	22930	22930	22880
PCASMEST	pc	22668	22968	22968	22918
PCASNKCC	pc	22728	23028	23028	22978
PCASNKPH	pc	22752	23052	23052	23002
PCASRCCC	pc	22726	23026	23026	22976
PCASRCPH	pc	22753	23053	23053	23003
PCATONE	pc	22667	22967	22967	22917
PCATSDB	pc	22797	23097	23097	23047
PCATSPH	pc	22731	23031	23031	22981
PCAUAPDU	pc	22918	23218	23218	23168
PCAU BCH	pc	22730	23030	23030	22980
PCAUDALB	pc	22998	23298	23298	23248
PCAUDPB	pc	22974	23274	23274	23224
PCAUHLP	pc	22808	23108	23108	23058
PCAULLM_IDCU	pc	-	-	-	23171
PCAULLM_RDT	pc	23044	23344	23344	-
PCAUMALLOC	pc	22919	23219	23219	23169
PCAUPCBLA	pc	22922	23222	23222	23172
PCAU RTEILA	pc	22916	23216	23216	23166
PCAURTLB	pc	22917	23217	23217	23167
PCAURTMGBUF	pc	22920	23220	23220	23170
PCAUUNIT2RDT	pc	23058	23358	23358	-
PCBADBRGDB	pc	23070	-	-	-
PCBADDT	pc	22687	22987	22987	22937
PCBADFREE	pc	22915	23215	23215	23165
PCBADGCK	pc	22777	23077	23077	23027
PCBADLUTYPE	pc	22791	23091	23091	23041
PCBADMALLOC	pc	22914	23214	23214	23164
PCBADMSG	pc	22764	23064	23064	23014
PCBADMTPTBL	pc	22882	23182	23182	23132
PCBADNOOWN	pc	22809	23109	23109	23059
PCBAD_NTSTATE	pc	22876	23176	23176	23126
PCBADPARAM	pc	22611	22911	22911	22861
PCBADPDESC	pc	22743	23043	23043	22993
PCBADPIDBTS	pc	22986	23286	23286	23236
PCBADPMH	pc	23043	23343	23343	-
PCBADPORT	pc	23074	-	-	-
PCBADREASON	pc	22765	23065	23065	23015
PCBADSGLIST	pc	22870	23170	23170	-
PCBADTMSLNK	pc	22848	23148	23148	23098
PCBADTONE	pc	22979	23279	23279	23229
PCBADTRGT	pc	22756	23056	23056	23006
PCBGCKTI	pc	22778	23078	23078	23028
PCBGTRNER	pc	22607	22907	22907	22857
PCBRGDBGONE	pc	23063	-	-	-
PCBRIVLN	pc	22744	23044	23044	22994
PCCBCRDUMP	pc	22614	22914	22914	22864
PCCCBTMR	pc	22773	23073	23073	23023
PCCCSQFAIL	pc	22999	23299	23299	23249
PCCDBPURGE	pc	22860	23160	23160	23110
PCCGDS	pc	22976	23276	23276	23226
PCCHANGONE	pc	22807	23107	23107	23057
PCCHKUCFG	pc	23056	23356	23356	-
PCCHKUDSL	pc	22878	23178	23178	23128
PCCILCSMSK	pc	22623	22923	22923	22873
PC_CKDATA	pc	22983	23283	23283	23233
PCCKRDFL	pc	22984	23284	23284	23234
PCCKTDATA	pc	22626	22926	22926	22876
PCCKTPORT	pc	22904	23204	23204	23154
PCCLOP_TONE	pc	22980	23280	23280	23230
PCCMRSAPDU	pc	22923	23223	23223	23173
PCCNDERROR	pc	22830	23130	23130	23080
PCCOMMSG	pc	22924	23224	23224	23174
PCCPTSDATA	pc	22770	23070	23070	23020
PCCQBGONE	pc	23020	23320	23320	23270
PCCRDBXLIST	pc	23079	-	-	-
PCCREATEFAIL	pc	22992	23292	23292	23242
PCCSO_NT	pc	22879	23179	23179	23129
PCCTONEBAD	pc	23061	-	-	-
PCD303RT2DS1	pc	22935	23235	23235	23185
PCDACCBTMR	pc	22775	23075	23075	23025
PCDAIGSDB	pc	23036	23336	23336	23286

PCDANGDEACT	pc	22954	23254	23254	23204
PCDANGNACT	pc	22953	23253	23253	23203
PCDANGT_C	pc	22961	23261	23261	23211
PCDAOUTSCH	pc	22776	23076	23076	23026
PCDAPP2TSP	pc	23050	23350	23350	-
PCDAS_MON	pc	22969	23269	23269	23219
PCDATAPROB	pc	22602	22902	22902	22852
PCDBRCSDALB	pc	22872	23172	23172	23122
PCDBRDFAIL	pc	23022	23322	23322	23272
PCDCBHC	pc	22657	22957	22957	22907
PCDCCBCOM	pc	23023	23323	23323	23273
PCDCCCM	pc	22638	22938	22938	22888
PCDCCCR	pc	22639	22939	22939	22889
PCDCDBC.COM	pc	22655	22955	22955	22905
PCDCHAN	pc	22641	22941	22941	22891
PCDCHDB	pc	22642	22942	22942	22892
PCDCKT2GRP	pc	23047	23347	23347	-
PCDCKTD	pc	22649	22949	22949	22899
PCDCOND	pc	22737	23037	23037	22987
PCDCQB	pc	22659	22959	22959	22909
PCDDALB	pc	22634	22934	22934	22884
PCDDFLINK	pc	22620	22920	22920	22870
PCDDFMAP	pc	22817	23117	23117	23067
PCDDFNBLNK	pc	22815	23115	23115	23065
PCDDFNIBBLE	pc	22816	23116	23116	23066
PCDDPB	pc	22622	22922	22922	22872
PCDDSOB	pc	22894	23194	23194	23144
PCDDSC3PIDB	pc	22972	23272	23272	23222
PCDDSCC	pc	22636	22936	22936	22886
PCDEA_ALLOW	pc	22877	23177	23177	23127
PCDEFAULT	pc	22635	22935	22935	22885
PCDESTROY	pc	23006	23306	23306	23256
PCDFPHCHNLS	pc	-	-	23267	23217
PCDF_VPIDB	pc	23048	23348	23348	-
PCDGLSHIST	pc	22971	23271	23271	23221
PCDGNCCB	pc	22958	23258	23258	23208
PCDGNSTRANS	pc	22962	23262	23262	23212
PCDGRP_RI	pc	22831	23131	23131	23081
PCDGSDB	pc	22643	22943	22943	22893
PCDGLSK	pc	23037	23337	23337	23287
PCDHLSC	pc	22645	22945	22945	22895
PCDHTU2RSM	pc	22734	23034	-	-
PCDIDL_MSK	pc	22805	23105	23105	23055
PCDIDDS1	pc	22888	23188	23188	23138
PCDIDPIDB	pc	22889	23189	23189	23139
PCDISPIDB	pc	22617	22917	22917	22867
PCDLIN	pc	22824	23124	23124	23074
PCDLNK_PLI	pc	23014	23314	23314	23264
PCDLNK_USE	pc	22932	23232	23232	23182
PCDLS_MON	pc	22970	23270	23270	23220
PCDMDATT	pc	22801	23101	23101	23051
PCDMHPIPE	pc	22977	23277	23277	23227
PCDMH_UNIT	pc	23008	23308	23308	23258
PCDMMOPDB	pc	22968	23268	23268	23218
PCDMNBSTAT	pc	22818	23118	23118	23068
PCDNLI_LNK	pc	22987	23287	23287	23237
PCDPB_DALB	pc	22631	22931	22931	22881
PCDPBX	pc	22825	23125	23125	23075
PCDPC_STAT	pc	23077	-	-	-
PCDPF_SLCP	pc	22806	23106	23106	23056
PCDPHDB	pc	22651	22951	22951	22901
PCDPIDB_PT	pc	22898	23198	23198	23148
PCDPLI_LNK	pc	23018	23318	23318	23268
PCDPORT	pc	22650	22950	22950	22900
PCDPTSB	pc	22615	22915	22915	22865
PCDQPHPIPE	pc	22862	23162	23162	23112
PCDQPORT	pc	22990	23290	23290	23240
PCDRDT2UNIT	pc	23053	23353	23353	-
PCDRDTCPDAT	pc	23052	23352	23352	-
PCDRSM2HTU	pc	22967	23267	-	-
PCDRSMCHAN	pc	22798	23098	23098	23048
PCDRSMNTS	pc	22949	23249	23249	23199

PCDRTS_HCN	pc	22796	23096	23096	23046
PCDRTS_RTS	pc	22804	23104	23104	23054
PCDS1_PT	pc	22899	23199	23199	23149
PCDS12RT	pc	22895	23195	23195	23145
PCDS96ABSIG	pc	22795	23095	23095	23045
PCDS96BASE	pc	22803	23103	23103	23053
PCDS96DFI	pc	22802	23102	23102	23052
PCDSGDB	pc	22648	22948	22948	22898
PCDSLEQ	pc	22618	22918	22918	22868
PCDSL_EQ_CRFT	pc	22867	23167	23167	23117
PCDSPDCON	pc	22720	23020	23020	22970
PCDT1USG	pc	22792	23092	23092	23042
PCDTONE	pc	22644	22944	22944	22894
PCDTRCUPATH	pc	23057	23357	23357	-
PCDTSDB	pc	22652	22952	22952	22902
PCDTSP2APP	pc	23051	23351	23351	-
PCDUBHC	pc	22656	22956	22956	22906
PCDUNIT_CKT	pc	22931	23231	23231	23181
PCDUTD	pc	22646	22946	22946	22896
PCDVPIDB_F	pc	23009	23309	23309	23259
PCBFGERR	pc	22948	23248	23248	23198
PCBSPRET	pc	22947	23247	23247	23197
PCBSTATE	pc	22946	23246	23246	23196
PCENDTRNER	pc	22609	22909	22909	22859
PCFCHPT	pc	22838	23138	23138	23088
PCFCPORT	pc	22674	22974	22974	22924
PC_FCPORT	pc	22982	23282	23282	23232
PCFGERROR	pc	22604	22904	22904	22854
PCFPCDA	pc	22839	23139	23139	23089
PCFPTCH	pc	22621	22921	22921	22871
PCFPTPT	pc	22866	23166	23166	23116
PCFTDCON	pc	22713	23013	23013	22963
PCF_VPIDB	pc	23049	23349	23349	-
PCGDSFPICBERR	pc	23030	23330	23330	23280
PCGETCBHC	pc	22676	22976	22976	22926
PCGETCCB	pc	22677	22977	22977	22927
PCGETCDB	pc	22681	22981	22981	22931
PCGETCHAN	pc	22693	22993	22993	22943
PCGETCHDB	pc	22678	22978	22978	22928
PCGETCQB	pc	22683	22983	22983	22933
PCGETDPB	pc	22682	22982	22982	22932
PCGETGSDB	pc	22679	22979	22979	22929
PCGETPCBLA	pc	22672	22972	22972	22922
PCGETPHDB	pc	22688	22988	22988	22938
PCGETPICB	pc	22673	22973	22973	22923
PCGETPTLA	pc	22690	22990	22990	22940
PCGETPTSB	pc	22684	22984	22984	22934
PCGETRESTRMTR	pc	23059	-	-	-
PCGETTONE	pc	22675	22975	22975	22925
PCGETTSDB	pc	22692	22992	22992	22942
PCGETUBHC	pc	22680	22980	22980	22930
PCGQINDXOOR	pc	23031	23331	23331	23281
PCHTIMDUMP	pc	22772	23072	23072	23022
PCIBRGDB	pc	23071	-	-	-
PCIDCKT2GP	pc	-	-	-	23238
PCIDLCCBLST	pc	22891	-	-	-
PCIDPORT	pc	22936	23236	23236	23186
PCINMODE	pc	23013	23313	23313	23263
PCINSGDB	pc	22985	23285	23285	23235

4.36 MNEMONIC INDEX: PCINVALREPLY - PPASNSTP

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
PCINVALREPLY	pc	23034	23334	23334	23284
PCINVBONOP	pc	22763	23063	23063	23013
PCINVBURGENT	pc	22993	23293	23293	23243
PCINVCKTNM	pc	23038	23338	23338	23288
PCINVGMBOX	pc	23033	23333	23333	23283
PCINVL_DATA	pc	22978	23278	23278	23228
PCINVMANN	pc	22900	23200	23200	23150
PCINVMTRK	pc	22901	23201	23201	23151

PCINVMUSIC	pc	22881	23181	23181	23131
PCINVNPMMSG	pc	22933	23233	23233	23183
PCINVPGM	pc	23000	23300	23300	23250
PCINVPHSNKDS	pc	22903	23203	23203	23153
PCINVUSER	pc	22875	23175	23175	23125
PCISDCCFG	pc	22685	22985	22985	22935
PCISMANBUS	pc	22833	23133	23133	23083
PCJBSPROB	pc	22605	22905	22905	22855
PCK2CKMSG	pc	22925	23225	23225	23175
PCLAPBSUB	pc	22823	23123	23123	23073
PCLBINPRG	pc	23012	23312	23312	23262
PCLBRGCC	pc	23060	-	-	-
PCLCBGS	pc	22695	22995	22995	22945
PCLCCBRG	pc	23069	-	-	-
PCLCCCD	pc	22701	23001	23001	22951
PCLCCCQ	pc	22705	23005	23005	22955
PCLCCDS	pc	22885	23185	23185	23135
PCLCCPH	pc	22697	22997	22997	22947
PCLCCPT	pc	22616	22916	22916	22866
PCLCCSNK	pc	22696	22996	22996	22946
PCLCCSRC	pc	22704	23004	23004	22954
PCLCDCH	pc	22709	23009	23009	22959
PCLCGSSMASK	pc	23035	23335	23335	23285
PCLCHCD	pc	22707	23007	23007	22957
PCLCHDS	pc	22886	23186	23186	23136
PCLCHPT	pc	22619	22919	22919	22869
PCLDSCC	pc	22890	23190	23190	23140
PCLDSCH	pc	22887	23187	23187	23137
PCLDSPT	pc	22893	23193	23193	23143
PCLGRPMEM	pc	22847	23147	23147	23097
PCLINKPROB	pc	22601	22901	22901	22851
PCLK6DATA	pc	-	23129	23129	23079
PCLMASRT	da	20870	21170	21170	21120
PCLMCCB	pc	22736	23036	23036	22986
PCLMCDB	pc	22606	22906	22906	22856
PCLMCHDB	pc	22741	23041	23041	22991
PCLMCPLR	pc	22739	23039	23039	22989
PCLMPHTS	pc	22742	23042	23042	22992
PCLMTSDB	pc	22740	23040	23040	22990
PCLNKAPDU	pc	22997	23297	23297	23247
PCLNKDALB	pc	22653	22953	22953	22903
PCLNK_PLI	pc	23015	23315	23315	23265
PCLNKPLS	pc	22658	22958	22958	22908
PCLOSS_TBL	pc	22629	22929	22929	22879
PCLOSTTIMER	pc	22612	22912	22912	22862
PCLPCCC	pc	22698	22998	22998	22948
PCLPCCPLR	pc	22738	23038	23038	22988
PCLPCPH	pc	22699	22999	22999	22949
PCLPHSNK	pc	22746	23046	23046	22996
PCLPHSRC	pc	22747	23047	23047	22997
PCLPHTS	pc	22700	23000	23000	22950
PCLPTDS	pc	22892	23192	23192	23142
PCLS6_LNK	pc	22827	23127	23127	23077
PCLSLNK	pc	22654	22954	22954	22904
PCLSNKCC	pc	22708	23008	23008	22958
PCLSRCCC	pc	22706	23006	23006	22956
PCLUBCH	pc	22710	23010	23010	22960
PCMALLOC	pc	22909	23209	23209	23159
PCMBXBAD	pc	23032	23332	23332	23282
PCMCDSTYPE	pc	22660	22960	22960	22910
PCMCLMTB	pc	22664	22964	22964	22914
PCMCMUSG	pc	22662	22962	22962	22912
PCMCRTPC	pc	22661	22961	22961	22911
PCMCTMTB	pc	22663	22963	22963	22913
PCMCTRMTB	pc	22665	22965	22965	22915
PCMDPATH	pc	22627	22927	22927	22877
PCMHPIPE	pc	22973	23273	23273	23223
PCMH_UNIT	pc	23007	23307	23307	23257
PCMPHDTO	pc	22799	23099	23099	23049
PCMTBADSDND	pc	23041	23341	23341	-
PCMTBFE	pc	22625	22925	22925	22875
PCMTBS96	pc	22793	23093	23093	23043

PCMTPCBLAERR	pc	22902	23202	23202	23152
PCMTUNKSND	pc	23042	23342	23342	-
PCMVBRGATT	pc	22702	23002	23002	22952
PCMVCLSDPH	pc	22703	23003	23003	22953
PCMVEPROC	pc	22691	22991	22991	22941
PCNACT	pc	22965	23265	23265	23215
PCNDACT	pc	22966	23266	23266	23216
PCNGVPA_STAT	pc	22963	23263	23263	23213
PCNODSL	pc	22632	22932	22932	22882
PCNODTP	pc	22711	23011	23011	22961
PCNOFTBN	pc	22813	23113	23113	23063
PCNOISTRM	pc	22812	23112	23112	23062
PCNOMASTER	pc	22989	23289	23289	23239
PCNOTINSP	pc	22722	23022	23022	22972
PCNUDBERR	pc	22819	23119	23119	23069
PCNUHRWD	pc	22811	23111	23111	23061
PCNUSIG	pc	22810	23110	23110	23060
PCODPSOP	pc	22841	23141	23141	23091
PCOPLOSS	pc	22647	22947	22947	22897
PCOPNRELER	pc	22608	22908	22908	22858
PCOSDSPROB	pc	22603	22903	22903	22853
PCOSLNGTH	pc	22640	22940	22940	22890
PCOSSEND	pc	22610	22910	22910	22860
PCOSWAKE	pc	22745	23045	23045	22995
PCOUTSCH	pc	22774	23074	23074	23024
PCOWNPROB	pc	22735	23035	23035	22985
PCPHDATAPROB	pc	22846	23146	23146	23096
PCPHDB_BAD_EVENT	pc	22871	23171	23171	23121
PCPHTSFrag	pc	23066	-	-	-
PCPORTLA	pc	22942	23242	23242	23192
PCPQCLRD	pc	22844	23144	23144	23094
PCPRIDALB	pc	22996	23296	23296	23246
PCPRISTAT	pc	22995	23295	23295	23245
PCPSBADDATA	pc	22911	23211	23211	23161
PCPSBADPARAM	pc	22912	23212	23212	23162
PCPSL2THRS	pc	22842	23142	23142	23092
PCPSL3TRKG	pc	22880	23180	23180	23130
PCPSRPT_GP	pc	22820	23120	23120	23070
PCPSTRK_L2	pc	22843	23143	23143	23093
PCPSTRUNKS	pc	22822	23122	23122	23072
PCPSUPIDB_CRFT	pc	22868	23168	23168	23118
PCPSX25LN	pc	22821	23121	23121	23071
PCPSX75TRK	pc	22834	23134	23134	23084
PC_PTDATA	pc	22981	23281	23281	23231
PCPTDBOWN	pc	23017	23317	23317	23267
PCPTMTPLNK	pc	22883	23183	23183	23133
PCPTSBDUMP	pc	22689	22989	22989	22939
PCQCLRD	pc	22633	22933	22933	22883
PCQCLRED	pc	22873	23173	23173	23123
PCQCLREP	pc	22874	23174	23174	23124
PCQPHPIPE	pc	-	-	23291	23241
PCQPHPIPE_ERR	pc	22991	23291	-	-
PC_RBLIM	pc	22913	23213	23213	23163
PCRCGBAD	pc	22975	23275	23275	23225
PCRCGXDP	pc	23075	-	-	-
PCRDPORT	pc	23073	-	-	-
PCRDT2UNIT	pc	23045	23345	23345	-
PCRG2CCBCOM	pc	22628	22928	22928	22878
PCRI_DGRP	pc	22832	23132	23132	23082
PCRLSNGDEACT	pc	22955	23255	23255	23205
PCRSTCLU	pc	23076	-	-	-
PCRSTXLIST	pc	23078	-	-	-
PCRT2DS1	pc	22896	23196	23196	23146
PCRTEILA	pc	22906	23206	23206	23156
PCRT_LAPD	pc	22905	23205	23205	23155
PCRTL	pc	22907	23207	23207	23157
PCRTMISC	pc	22938	23238	23238	23188
PCRTMSGBUF	pc	22910	23210	23210	23160
PCS3PFAIL	pc	22766	23066	23066	23016
PCS96EQP	pc	22939	23239	23239	23189
PCS96SHELF	pc	22794	23094	23094	23044
PCSAMUNXINP	pcs	33735	33965	33925	33775

PCSATHCSD	pcs	33730	33960	33920	33770
PCSATHCUD	pcs	33729	33959	33919	33769
PCSAUNXMSG	pcs	33740	33970	33930	33780
PCSBADARG	pcs	33725	33955	33915	33765
PCSBADHSKEY	pcs	33752	33982	33942	33792
PCSBADSUDB	pcs	33736	33966	33926	33776
PCSBADVLR	pcs	33739	33969	33929	33779
PCSCADCON	pc	22712	23012	23012	22962
PCSCCBRG	pc	23068	-	-	-
PCSCCCH	pc	22769	23069	23069	23019
PCSCCPH	pc	22768	23068	23068	23018
PCSDATAPROB	pc	22762	23062	23062	23012
PCSDNIDX	pcs	33737	33967	33927	33777
PCSFINHDD	pcs	33746	33976	33936	33786
PCSINSDYN	pcs	33728	33958	33918	33768
PCSLCCSRC	pc	22800	23100	23100	23050
PCSLSDHD	pcs	33747	33977	33937	33787
PCSMASRT	da	20991	21291	21291	21241
PCSMC7RCG_INV	pc	22865	23165	23165	23115
PCSMTPCCPH	pc	22884	23184	23184	23134
PCSNOCODE	pcs	33750	33980	33940	33790
PCSOSEND	pc	22761	23061	23061	23011
PCSPCCC	pc	22767	23067	23067	23017
PCSPCPH	pc	22758	23058	23058	23008
PCSPCS_HLR	pcs	33749	33979	33939	33789
PCSPHSNK	pc	22759	23059	23059	23009
PCSPHSRC	pc	22760	23060	23060	23010
PCSPORT2VSM	pcs	33741	33971	33931	33781
PCSREGDATA	pcs	33753	33983	33943	33793
PCSRGLPRM	pcs	33726	33956	33916	33766
PCSRPCU2NDN	pcs	33744	33974	33934	33784
PCSRSHCSD	pcs	33751	33981	33941	33791
PCSSUBDATA	pcs	33748	33978	33938	33788
PCSTEN2REG	pcs	33732	33962	33922	33772
PCSTIDGRP	pcs	33742	33972	33932	33782
PCSTIDIDX	pcs	33738	33968	33928	33778
PCSTOP	pc	22600	22900	22900	22850
PCSUGLPRM	pcs	33727	33957	33917	33767
PCSUMSG	pc	22926	23226	23226	23176
PCSUNXRPMMSG	pcs	33733	33963	33923	33773
PCTBLNOMTCH	pc	22856	23156	23156	23106
PCTDBOWN	pc	22624	22924	22924	22874
PCTEDB	pc	22814	23114	23114	23064
PCTEILA	pc	22845	23145	23145	23095
PCTSDBBITBAD	pc	22858	23158	23158	23108
PCTSIPOB	pc	22613	22913	22913	22863
PCUNEXACT	pc	22956	23256	23256	23206
PCUNEXDACT	pc	22957	23257	23257	23207
PCUNEXP_DATA	pc	23019	23319	23319	23269
PCUNIT2RDT	pc	23046	23346	23346	-
PCUNIT_CKT	pc	22940	23240	23240	23190
PCUNITDATA	pc	22941	23241	23241	23191
PCUNITMH	pc	23016	23316	23316	23266
PCUNKTSKTYP	pc	23011	23311	23311	23261
PCUPHSNK	pc	22864	23164	23164	23114
PCUSRCPH	pc	22859	23159	23159	23109
PCUTCCCH	pc	22781	23081	23081	23031
PCUTPCPO	pc	22779	23079	23079	23029
PCUXPCPID	pc	22857	23157	23157	23107
PCVPANGCCB	pc	22959	23259	23259	23209
PCVPANGT_C	pc	22960	23260	23260	23210
PCVPIDB_F	pc	23010	23310	23310	23260
PCXDPCXLIST	pc	23080	-	-	-
PCXRDTCPDAT	pc	23054	23354	23354	-
PESMASRT	da	21043	21343	21343	21293
PHLMASRT	da	20871	21171	21171	21121
PHSMASRT	da	20857	21157	21157	21107
PIASTACT	smkp	26425	26725	26725	26575
PIASTCMD	smkp	26423	26723	26723	26573
PIASTDBR	smkp	26428	26728	26728	26578
PIASTELP	smkp	26426	26726	26726	26576
PIASTLLS	smkp	26429	26729	26729	26579

PIASTMSG	smkp	26430	26730	26730	26580
PIASTREA	smkp	26431	26731	26731	26581
PIASTSRC	smkp	26424	26724	26724	26574
PIASTST	smkp	26422	26722	26722	26572
PIASTTRG	smkp	26427	26727	26727	26577
PISMASRT	da	21025	21325	21325	21275
PKSMASRT	da	20907	21207	21207	21157
PLSMASRT	da	20993	21293	21293	21243
POLMASRT	da	20872	21172	21172	21122
POSMASRT	da	20859	21159	21159	21109
PP2NDPROV	smpp	44630	45230	45230	45030
PPACBADMACH	smpp	44625	45225	45225	45025
PPACFSMFAIL	smpp	44635	45235	45235	45035
PPACUNXEVT	smpp	44631	45231	45231	45031
PPACUNXINPUT	smpp	44628	45228	45228	45028
PPACUNXMSG	smpp	44624	45224	45224	45024
PPACVFSM	smpp	44627	45227	45227	45027
PPASNSTP	smpp	44647	45247	45247	45047

4.37 MNEMONIC INDEX: PPBADENUM - PSCBADUPACT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
PPBADENUM	smpp	44642	45242	45242	45042
PPBADERR	smpp	44555	45155	45155	44955
PPBADINIT	smpp	44562	45162	45162	44962
PPBADINTINFO	smpp	44556	45156	45156	44956
PPBADINUSE	smpp	44645	45245	-	-
PPBADMETAG	smpp	44638	45238	45238	45038
PPBADMSG	smpp	44557	45157	45157	44957
PPBADOSEVENT	smpp	44623	45223	45223	45023
PPBADPH	smpp	44560	45160	45160	44960
PPBADPI	smpp	44561	45161	45161	44961
PPBADTHRESH	smpp	44554	45154	45154	44954
PPBADTMSTATIC	smpp	44637	45237	45237	45037
PPBADTTYPE	smpp	44633	45233	45233	45033
PPCHANBIG	smpp	44558	45158	45158	44958
PPCHGBAD	smpp	44582	45182	45182	44982
PPCHIPBIG	smpp	44559	45159	45159	44959
PPCICTR1	smpp	44551	45151	45151	44951
PPCICTR2	smpp	44552	45152	45152	44952
PPCIINT	smpp	44553	45153	45153	44953
PPIMQFULL	smpp	44626	45226	45226	45026
PPIMQINFLOOP	smpp	44643	45243	45243	45043
PPIMQNOTEMPTY	smpp	44640	45240	45240	45040
PPINPSZOOB	smpp	44641	45241	45241	45041
PPISMBABBLE	smpp	44571	45171	45171	44971
PPLPIBAD	smpp	44583	45183	45183	44983
PPMASKTIMREQF	smpp	44617	45217	45217	45017
PPMETAGINUSE	smpp	44632	45232	45232	45032
PPMMUCRITERR	smpp	44563	45163	45163	44963
PPNOGETTIMER	smpp	44634	45234	45234	45034
PPNOSTOP	smpp	44636	45236	45236	45036
PPPACINAME	smpp	44629	45229	45229	45029
PPPACMINIT	smpp	44622	45222	45222	45022
PPPHZEVEHANDLE	smpp	44668	-	-	-
PPPHZINEVENT	smpp	44663	45263	-	-
PPPHZINVEVENT	smpp	44657	45257	-	-
PPPHZMISBITS	smpp	44667	-	-	-
PPPHZMISSEQ	smpp	44664	45264	-	-
PPPHZTIMEOUT	smpp	44662	45262	-	-
PPPHZUNCLOSE	smpp	44665	45265	-	-
PPPHZUNEXPLPC	smpp	44666	45266	-	-
PPPHZUNKEVENT	smpp	44661	45261	-	-
PPPHZUNKSTATE	smpp	44658	45258	-	-
PPPHZUNOPENLPC	smpp	44660	45260	-	-
PPPHZUNWAKEUP	smpp	44659	45259	-	-
PPREPORT	smpp	44550	45150	45150	44950
PPVASYNINTER	smpp	44616	45216	45216	45016
PPWPSKOV	smpp	44573	45173	45173	44973
PPWPSKUV	smpp	44574	45174	45174	44974
PPWPUSER	smpp	44576	45176	45176	44976

PPXMQFULL	smpp	44644	45244	45244	45044
PPXMQNOTEMPTY	smpp	44639	45239	45239	45039
PQSMASRT	da	21044	21344	21344	21294
PRAUNONE	pr	31225	31555	31555	31405
PRAUPCBLA	pr	31228	31558	31558	31408
PRAURTMHG	pr	31251	31581	31581	31431
PRAURTMPG	pr	31240	31570	31570	31420
PRAURTTTRKG	pr	31254	31584	31584	31434
PRAUTKOWNER	pr	31227	31557	31557	31407
PRAUTKQUE	pr	31226	31556	31556	31406
PRBAD_DATBL	pr	31244	31574	31574	31424
PRCSTCUG	pr	31237	31567	31567	31417
PRCUGCST	pr	31257	31587	31587	31437
PRDATABAD	pr	31236	31566	31566	31416
PREQUIPDSL	pr	31256	31586	31586	31436
PRFACMISSING	pr	31262	31592	31592	31442
PRFCTRUNK	pr	31234	31564	31564	31414
PRGPVCFCL_BAD	pr	31258	31588	31588	31438
PRGROUP_PRT	pr	31239	31569	31569	31419
PRIECP_BAD	pr	31230	31560	31560	31410
PRLMASRT	da	20918	21218	21218	21168
PRMDR_GP	pr	31259	31589	31589	31439
PRMSGBAD	pr	31235	31565	31565	31415
PRNO_ISMPH	pr	31243	31573	31573	31423
PROFFICE	pr	31245	31575	31575	31425
PRPBGINFO	pr	31261	31591	31591	31441
PRPORT_GRP	pr	31249	31579	31579	31429
PRPPTST	prpp	33625	-	-	-
PRPSBILLDN	pr	31231	31561	31561	31411
PRPSGP_PRT	pr	31233	31563	31563	31413
PRPSIPTST	pr	31229	31559	31559	31409
PRPSL3TRKG	pr	31260	31590	31590	31440
PRPSLINKPT	pr	31253	31583	31583	31433
PRPSMHG	pr	31246	31576	31576	31426
PRPSPRT	pr	31247	31577	31577	31427
PRPSPSN_RI	pr	31252	31582	31582	31432
PRPSRIPSN	pr	31232	31562	31562	31412
PRPVCFCCL_BAD	pr	31241	31571	31571	31421
PRPVCINF	pr	31238	31568	31568	31418
PRPVCARDN	pr	31242	31572	31572	31422
PRRDLGLNSTAT	pr	31250	31580	31580	31430
PRRDLNSTAT	pr	31248	31578	31578	31428
PRRT_MHG	pr	31255	31585	31585	31435
PRSMASRT	da	21048	21348	21348	21298
PRTIMBAD	as	20065	20065	20065	20065
PRUXPSTATE	pr	31264	-	-	-
PS1ACTVCBAD	psph	44155	44755	44649	44649
PS1SBADTIMER	psph	44076	44676	44676	44676
PS2ACTVCBAD	psph	44156	44756	44650	44650
PS3ACTVCBAD	psph	44157	44757	44651	44651
PS4ACTVCBAD	psph	44158	44758	44652	44652
PS6NOTIMR	psph	43953	44553	44553	44553
PS10SBADTIMER	psph	44077	44677	44677	44677
PSABDCHN	psph	43762	44362	44362	44362
PSADCL2E	psph	43756	44356	44356	44356
PSAFRSBD	psph	43766	44366	44366	44366
PSALCBINVIDX	psph	44159	44759	44749	-
PSALDBHD	psph	44012	44612	44612	44612
PSALDBIX	psph	43995	44595	44595	44595
PSALIOOR	psph	43767	44367	44367	44367
PSALKCNR	psph	43765	44365	44365	44365
PSALLCBT	psph	43764	44364	44364	44364
PSALSBERR	psph	43960	44560	44560	44560
PSALTUNK	psph	43763	44363	44363	44363
PSAMSGLG	psph	43758	44358	44358	44358
PSAMSGRT	psph	43760	44360	44360	44360
PSAMSGTP	psph	43759	44359	44359	44359
PSAPAMBC	ps	43286	43886	43886	43886
PSAPAMFC	ps	43229	43829	43829	43829
PSAPAUBUF	ps	43216	43816	43816	43816
PSAPBADTIMER	ps	43234	43834	43834	43834
PSAPBCAST	ps	43227	43827	43827	43827

PSAPBFEAT	ps	43197	43797	43797	43797
PSAPBMSG	ps	43196	43796	43796	43796
PSAPBODD	ps	43235	43835	43835	43835
PSAPBUF	ps	43193	43793	43793	43793
PSAPCLOSE	ps	43209	43809	43809	43809
PSAPDALB	ps	43239	43839	43839	43839
PSAPDDREF	ps	43213	43813	43813	43813
PSAPDPB	ps	43237	43837	43837	43837
PSAPEPKB	ps	43207	43807	43807	43807
PSAPFCBAD	ps	43233	43833	43833	43833
PSAPFCOMP	ps	43232	43832	43832	43832
PSAPFCREQ	ps	43225	43825	43825	43825
PSAPFC SPL	ps	43230	43830	43830	43830
PSAPFORWD	ps	43226	43826	43826	43826
PSAPFRCV	ps	43231	43831	43831	43831
PSAPFSPL	ps	43224	43824	43824	43824
PSAPINAPSPB	ps	43200	43800	43800	43800
PSAPINBUF	ps	43188	43788	43788	43788
PSAPINDBHC	ps	43199	43799	43799	43799
PSAPINEPKB	ps	43202	43802	43802	43802
PSAPINRMB	ps	43203	43803	43803	43803
PSAPINSITE	ps	43204	43804	43804	43804
PSAPLOGCH	ps	43208	43808	43808	43808
PS_APLST	ps	43194	43794	43794	43794
PSAPNOTMR	ps	43220	43820	43820	43820
PSAPPKT	ps	43217	43817	43817	43817
PSAPREQFC	ps	43222	43822	43822	43822
PSAP_RESET	ps	43238	43838	43838	43838
PSAPRMB	ps	43206	43806	43806	43806
PSAPSITE	ps	43195	43795	43795	43795
PSAPSLFAUD	ps	43223	43823	43823	43823
PSAPSPB	ps	43205	43805	43805	43805
PSAPSPSIG	ps	43198	43798	43798	43798
PSAPTMRBAD	ps	43221	43821	43821	43821
PSAPTPDALB	ps	43211	43811	43811	43811
PSAPTPDPB	ps	43243	43843	43843	43843
PSATMHWFAIL	pspp	44494	45094	45094	44894
PSATMRTN	psph	43761	44361	44361	44361
PSAUAPDU	ps	43310	43910	43910	43910
PSAUDPB	ps	43311	43911	43911	43911
PSAURTEILA	ps	43312	43912	43912	43912
PSAWMSGR	psph	43757	44357	44357	44357
PSB_ACTION	psph	43847	44447	44447	44447
PSB_ACTTYPE	psph	44016	44616	44616	44616
PSBADACTPB	pspp	44484	45084	45084	44884
PSBADAHD	psph	43884	44484	44484	44484
PSBADALK	psph	43883	44483	44483	44483
PSBADAPHC	ps	43240	43840	43840	43840
PSBADAPT	ps	43215	43815	43815	43815
PSBADARG	pspp	44463	45063	45063	44863
PSBADBDU	pspp	44480	45080	45080	44880
PSBADCHD	psph	43886	44486	44486	44486
PSBADCHON	psph	43976	44576	44576	44576
PSBADCL2RQT	psph	44087	44687	44687	44687
PSBADCLK	psph	43885	44485	44485	44485
PSBADCOCXN	psph	44072	44672	44672	44672
PSBADCOIMS	psph	44070	44670	44670	44670
PSBADDDTRG	ps	43396	-	-	-
PSBADERR	psph	44092	44692	44692	44692
PSBADFFU	pspi	44360	44960	44960	44760
PSBADHC	ps	43244	43844	43844	43844
PSBADHDC	pspp	44473	45073	45073	44873
PSBADIETPE	ps	43186	43786	43786	43786
PSBADIFD	pspp	44467	45067	45067	44867
PSBADIPH	psph	43882	44482	44482	44482
PSBADL3PARM	ps	43168	43768	43768	43768
PSBADLCCB	psph	44193	-	-	-
PSBADLLM	ps	43283	43883	43883	43883
PSBADLNK	psph	44160	44760	44640	44640
PSBADMDMSG	ps	43269	43869	43869	43869
PSBADMEM	psph	44107	44707	44707	44707
PSBADMODE	psph	43755	44355	44355	44355

PSBADMSG	ps	-	-	-	43814
PSBAD_MSG	ps	43214	43814	43814	-
PSBADNPRIM	psph	44069	44669	44669	44669
PSBADOMSG	ps	43174	43774	43774	43774
PSBADPBCB	pspp	44496	45096	45096	-
PSBADPKT	ps	43172	43772	43772	43772
PSBADPRM	psph	44161	44761	44641	44641
PSBADPTYPE	ps	43185	43785	43785	43785
PSBADQPUPEVNT	ps	43158	43758	43758	43758
PSBADREASON	ps	43210	43810	43810	43810
PSBADRET	psph	43992	44592	44592	44592
PSBADRFDL	psph	43753	44353	44353	44353
PSBADRS	ps	43150	43750	43750	43750
PSBADRSTAT	psph	43754	44354	44354	44354
PSBADSTATE	pspp	44451	45051	45051	44851
PSBADSTIM	ps	43179	43779	43779	43779
PSBADSUBSYS	psph	44068	44668	44668	44668
PSBADTFDL	psph	43752	44352	44352	44352
PSBADTRGT	ps	43281	43881	43881	43881
PSBAD_VALUE	ps	43318	43918	43918	43918
PSBADVALUE	psph	44060	44660	44660	44660
PSBADVPI	pspp	44495	45095	45095	44895
PSBCALIHD	psph	44195	-	-	-
PSBCALILK	psph	44194	-	-	-
PSB_CHAN	psph	43848	44448	44448	44448
PSBDCASLOOP	pspp	44489	45089	45089	44889
PSBDCH2L	pspp	44450	45050	45050	44850
PSBDCHAN	psph	43993	44593	44593	44593
PSBDGONE	pspp	44481	45081	45081	44881
PSBDLKRTDB	psph	44162	44762	44646	44646
PSBDNEW_LVL	ps	43245	43845	43845	43845
PSB_ERROR	psph	43849	44449	44449	44449
PSB_GENFRM	psph	43850	44450	44450	44450
PSB_IFD	psph	43851	44451	44451	44451
PSBIXIFD	pspp	44470	45070	45070	44870
PSBIXLLCB	psph	43772	44372	44372	44372
PSBKSTBL	psph	44073	44673	44673	44673
PSBLAESH	psph	44197	-	-	-
PSBLAESLK	psph	44196	-	-	-
PSB_MSG	psph	43852	44452	44452	44452
PSB_PHCTYPE	psph	43853	44453	44453	44453
PSB_PTCHCK	psph	43854	44454	44454	44454
PSB_REJEVENT	psph	43855	44455	44455	44455
PSB_STATE	psph	43856	44456	44456	44456
PSB_TIMER	psph	43857	44457	44457	44457
PSC6PNDMAX	psph	43949	44549	44549	44549
PSCBADCALL	psph	43831	44431	44431	44431
PSCBADCT	psph	43807	44407	44407	44407
PSCBADMET	psph	43805	44405	44405	44405
PSCBADUPACT	psph	43827	44427	44427	44427

4.38 MNEMONIC INDEX: PSCBOVR - PSMRDERR

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
PSCBOVR	psph	43796	44396	44396	44396
PSCBSNERST	psph	43793	44393	44393	44393
PSCCSL2E	psph	43777	44377	44377	44377
PSCDSLRAE	psph	43787	44387	44387	44387
PSCDYBUFF	psph	43806	44406	44406	44406
PSCEMSUTYPE	psph	43799	44399	44399	44399
PSCEMSUUP	psph	43800	44400	44400	44400
PSCERRSDLDATA	psph	44034	44634	44634	44634
PSCFBADMSG	ps	43159	43759	43759	43759
PSCFIBERST	psph	43794	44394	44394	44394
PSCINITST	psph	43818	44418	44418	44418
PSCL2IACRT	psph	43783	44383	44383	44383
PSCL2REQ	psph	43782	44382	44382	44382
PSCL2STATE	psph	43784	44384	44384	44384
PSCL6BADSPY	psph	43881	44481	44481	44481
PSCL6EVENT	psph	43954	44554	44554	44554
PSCL6INVNUM	psph	43947	44547	44547	44547

PSC6LKR	psph	43946	44546	44546	44546
PSC6NOTQSP	psph	43951	44551	44551	44551
PSC6NOXQSP	psph	43952	44552	44552	44552
PSC6STATE	psph	43950	44550	44550	44550
PSC6SYNT	psph	43948	44548	44548	44548
PSC6TECOMP	psph	43822	44422	44422	44422
PSC6TEINIT	psph	43821	44421	44421	44421
PSC6S2SLC	psph	43813	44413	44413	44413
PSC6SBAD	psph	43803	44403	44403	44403
PSC6SMBBAD	psph	43815	44415	44415	44415
PSC6SSUSI	psph	43789	44389	44389	44389
PSC6TADDBAD	psph	43825	44425	44425	44425
PSC6TMOBAD	psph	43826	44426	44426	44426
PSC6MSGLG	psph	43779	44379	44379	44379
PSC6MSGR	psph	43780	44380	44380	44380
PSC6MSGRT	psph	43790	44390	44390	44390
PSC6MSGTYP	psph	43781	44381	44381	44381
PSC6SULGTH	psph	43808	44408	44408	44408
PSC6TBADPATH	ps	43397	-	-	-
PSC6THOPCNT	psph	44190	-	-	-
PSC6TINVPST	ps	43385	-	-	-
PSC6TIOTO	ps	43377	-	-	-
PSC6TIOUX	ps	43378	-	-	-
PSC6TNOMSG	ps	43382	-	-	-
PSC6TNRES	ps	43379	-	-	-
PSC6TOCSTAT_BAD	psph	44192	-	-	-
PSC6TOSBAD	ps	43383	-	-	-
PSC6TROSBAD	ps	43384	-	-	-
PSC6MTT	ps	43380	-	-	-
PSC6MTTSND	ps	43381	-	-	-
PSC6NOAPD2PH	psph	43814	44414	44414	44414
PSC6NOLDSE	psph	43802	44402	44402	44402
PSC6NOOPCUNT	psph	43834	44434	44434	44434
PSC6NOPH2LS	psph	43810	44410	44410	44410
PSC6NOSLCPH	psph	43804	44404	44404	44404
PSC6MMFAIL	ps	43299	43899	43899	43899
PSC6CONGTYP	psph	44083	44683	44683	44683
PSC6OPCTRBAD	psph	43833	44433	44433	44433
PSC6OPCUNTBAD	psph	43835	44435	44435	44435
PSC6PCLENBAD	psph	44081	44681	44681	44681
PSC6PERR	pspp	44454	45054	45054	44854
PSC6PHTYPE	psph	43786	44386	44386	44386
PSC6PURG	psph	43846	44446	44446	44446
PSC6RCNGST	psph	43792	44392	44392	44392
PSC6REFDYDATA	psph	43829	44429	44429	44429
PSC6RTBCNT	psph	43797	44397	44397	44397
PSC6SEQCHK	psph	43823	44423	44423	44423
PSC6SMHUNRET	psph	43812	44412	44412	44412
PSC6SNMBAD	psph	43832	44432	44432	44432
PSC6SPREAS	psph	43817	44417	44417	44417
PSC6SPYRET	psph	43795	44395	44395	44395
PSC6SPYRSC	psph	44017	44617	44617	44617
PSC6SZOMBAD	psph	43816	44416	44416	44416
PSC6TCNGST	psph	43791	44391	44391	44391
PSC6TMRINT	psph	44036	44636	44636	44636
PSC6MRTN	psph	43785	44385	44385	44385
PSC6UNGTYPE	psph	43820	44420	44420	44420
PSC6UNMSG	psph	43819	44419	44419	44419
PSC6UNRET	psph	43801	44401	44401	44401
PSC6UNUPD	psph	43824	44424	44424	44424
PSC6UNWAIT	psph	43830	44430	44430	44430
PSC6UPDPC2LS	psph	43809	44409	44409	44409
PSC6UPSLC2PH	psph	43828	44428	44428	44428
PSC6UPTYPBAD	psph	43811	44411	44411	44411
PSC6WMSGR	psph	43778	44378	44378	44378
PSC6XMITRT	psph	43788	44388	44388	44388
PS6DAFAILURE	ps	43242	43842	43842	43842
PS6DATABAD	ps	43282	43882	43882	43882
PS6DCDBERR	psph	44109	44709	44709	44709
PS6DDFAIL	ps	43395	-	-	-
PS6DEFAULT	ps	43303	43903	43903	43903
PS_DEFAULT	ps	43290	43890	43890	43890

PSDMPBDERR	psph	44026	44626	44626	44626
PSDPB_DALB	ps	43169	43769	43769	43769
PSDPKB	ps	43166	43766	43766	43766
PSDSPB	ps	43236	43836	43836	43836
PSEBADCBI	psph	43915	44515	44515	44515
PSEBADLCCB	psph	43919	44519	44519	44519
PSEBADMSGID	psph	43921	44521	44521	44521
PSEBADPH	psph	43916	44516	44516	44516
PSEBADRET	psph	43918	44518	44518	44518
PSEBADSM	psph	43917	44517	44517	44517
PSECBDR	psph	43956	44556	44556	44556
PSECMXBUF	psph	43958	44558	44558	44558
PSECNSC	psph	43955	44555	44555	44555
PSECSM	psph	43957	44557	44557	44557
PSLINKAGE	psph	43920	44520	44520	44520
PS_ELV_APLST	ps	43241	43841	43841	43841
PSENDPTINV	psph	44085	44685	44685	44685
PSENOL3T	psph	43771	44371	44371	44371
PSEPKB	ps	43167	43767	43767	43767
PSERRPRT	ps	43314	43914	43914	43914
PSESPB	ps	43165	43765	43765	43765
PSESTIM	ps	43153	43753	43753	43753
PSF2MNYPKTS	pspi	44356	44956	44956	44756
PSFCNTBAD	pspi	44355	44955	44955	44755
PSFCPHDISCARD	ps	43328	43928	43928	43928
PSFCSMDISCARD	ps	43329	43929	43929	43929
PSFFCLRD	ps	43152	43752	43752	43752
PSFFERR	ps	43151	43751	43751	43751
PSFISTCINV	ps	43189	43789	43789	43789
PSFLAGBAD	pspi	44354	44954	44954	44754
PSFLASTLOOK	pspi	44361	44961	44961	44761
PSFROFFBAD	pspi	44353	44953	44953	44753
PSFTOFFBAD	pspi	44352	44952	44952	44752
PSFTOOBIG	pspi	44357	44957	44957	44757
PSG_CAMPON	psph	44005	44605	44605	44605
PSG_DATACHG	psph	44004	44604	44604	44604
PSG_LSTATE	psph	44002	44602	44602	44602
PSG_TIMINV	psph	44003	44603	44603	44603
PSHMACK	ps	43375	-	-	-
PSHMERR	ps	43394	-	-	-
PSICHANTYPE	psph	44201	-	-	-
PSIFBADHEADC	ps	43270	43870	43870	43870
PSIFBADQMSG	ps	43266	43866	43866	43866
PSIFBADTMR	ps	43268	43868	43868	43868
PSIFCLI	ps	43261	43861	43861	43861
PSIFDALB	ps	43249	43849	43849	43849
PSIFDLNK	pspp	44479	45079	45079	44879
PSIFDOOR	pspp	44474	45074	45074	44874
PSIFDPB	ps	43246	43846	43846	43846
PSIFDSLEQUIP	ps	43262	43862	43862	43862
PSIFEDCHN	ps	43252	43852	43852	43852
PSIFFCP	ps	43259	43859	43859	43859
PSIFGNODALB	ps	43255	43855	43855	43855
PSIFGNOTMR	ps	43254	43854	43854	43854
PSIFGREASON	ps	43253	43853	43853	43853
PSIFGTPEVENT	ps	43257	43857	43857	43857
PSIFGTMSG	ps	43256	43856	43856	43856
PSIFGUSER	ps	43258	43858	43858	43858
PSIFID	ps	43273	43873	43873	43873
PSIFNOTMR	ps	43250	43850	43850	43850
PSIFPKB	ps	43248	43848	43848	43848
PSIFREASON	ps	43251	43851	43851	43851
PSIFSPB	ps	43247	43847	43847	43847
PSIFTKG	ps	43272	43872	43872	43872
PSIFTRANSID	ps	43271	43871	43871	43871
PSINCON	psph	44163	44763	44648	44648
PSINERPS	ps	43162	43762	43762	43762
PSINETERR	ps	43374	-	-	-
	psph	-	-	-	-
PSINTJOS	pspp	44456	45056	45056	44856
PSINVARG	ps	43338	43938	43938	43938
PSINVCALI	psph	44198	-	-	-

PSINVCOMB	pspp	44475	45075	45075	44875
PSINVDATA	ps	43190	43790	43790	43790
PSINVFAR_DATA	psph	44164	44764	44589	44589
PSINV_FUNC	psph	44166	44766	44635	44635
PSINVIDX	pspp	44501	45101	45097	-
PSINVIPHDR	psph	44032	44632	44632	44632
PSINVIPT_DATA	psph	44165	44765	44590	44590
PSINVLLCBIDX	psph	44096	44696	44696	44696
PSINV_MSG	psph	44066	44666	44666	44666
PSINVPARM	psph	43768	44368	44368	44368
PSINVPKT	psph	44199	-	-	-
PSINVPVMT	psph	44113	44713	44713	44713
PSINVQLNT	psph	44095	44695	44695	44695
PSINVRATE	psph	44108	44708	44708	44708
PSINVSEQ	pspp	44476	45076	45076	44876
PSINVTIDX	pspp	44500	45100	45100	-
PSIPD001	psph	43836	44436	44436	44436
PSIPD002	psph	43837	44437	44437	44437
PSIPD003	psph	43838	44438	44438	44438
PSIPD004	psph	43839	44439	44439	44439
PSIPD005	psph	43840	44440	44440	44440
PSIPHDRINV	psph	44183	44783	44706	44706
PSIPTST	ps	43267	43867	43867	43867
PSIPV001	psph	43841	44441	44441	44441
PSIPV002	psph	43842	44442	44442	44442
PSIPV003	psph	43843	44443	44443	44443
PSIPV004	psph	43844	44444	44444	44444
PSIPV005	psph	43845	44445	44445	44445
PSIQBADIFD	psph	43774	44374	44374	44374
PSISPAJHDLR	ps	43218	43818	43818	43818
PSISQPH	psph	44091	44691	44691	44691
PSKBADMSG	psph	43929	44529	44529	44529
PSKBADPTRS	psph	43922	44522	44522	44522
PSKINV POLL	psph	43925	44525	44525	44525
PSKINVRATE	psph	43926	44526	44526	44526
PSKINVRCD	psph	43927	44527	44527	44527
PSKINVRSN	psph	43928	44528	44528	44528
PSKINVSGSZ	psph	43924	44524	44524	44524
PSKSNDERR	psph	43923	44523	44523	44523
PSL2BADLNK	psph	43895	44495	44495	44495
PSL2CHAN TYPE	psph	43892	44492	44492	44492
PSL2HCLLCB	pspp	44483	45083	45083	44883
PSL2NOLLCB	psph	43893	44493	44493	44493
PSL2PARMINV	psph	43894	44494	44494	44494
PSL2PROTTYPE	psph	43891	44491	44491	44491
PSL2PTCHECK	psph	43890	44490	44490	44490
PSL2UNEXLNK	psph	43896	44496	44496	44496
PSL3BADTEI	ps	43171	43771	43771	43771
PSL3DEFAULT	ps	43170	43770	43770	43770
PSL3HCTE	psph	-	-	44537	44537
PSLANCRPT	pspp	44455	45055	45055	44855
PSLANDPX	psph	43914	44514	44514	44514
PSLANFAIL	psph	43798	44398	44398	44398
PSLANLNGFRM	pspp	44502	45102	-	-
PSLANRBDSTART	pspp	44485	45085	45085	44885
PSLCBLBAD	pspi	44358	44958	44958	44758
PSLCCBINVIDX	psph	44167	44767	44748	-
PSLCQBAD	psph	44168	44768	44642	44642
PSLINVPARM	pspp	44487	45087	45087	44887
PS_LL2AL	psph	43871	44471	44471	44471
PSLLCBINVIDX	psph	44147	44747	44747	-
PSLLCBLKERR	psph	44097	44697	44697	44697
PSLLCBPTR	pspp	44452	45052	45052	-
PSLLSSMERR	psph	43959	44559	44559	44559
PSLNKIFD	pspp	44468	45068	45068	44868
PSLNKLLCB	psph	43770	44370	44370	44370
PSLNKRRTDB	psph	44169	44769	44645	44645
PSLNOTXCMD	pspp	44461	45061	45061	44861
PSLONGCBL	pspi	44359	44959	44959	44759
PSLPBK	psph	44094	44694	44694	44694
PSLPCASSERT	ps	43373	43973	-	-
	pspp	45103	-	-	-

PSLPIBAD	pspp	44490	45090	45090	44890
PSLPT_PT	ps	43298	43898	43898	43898
PSLRFDBAD	pspp	44460	45060	45060	44860
PSLSBERR	psph	43961	44561	44561	44561
PSLTfDBAD	pspp	44486	45086	45086	44886
PSLTIMEOUT	pspp	44488	45088	45088	44888
PSMDBADAP	ps	43160	43760	43760	43760
PSMDBADPARM	psph	44086	44686	44686	44686
PSMDLPHERR	psph	43776	44376	44376	44376
PSMDRDERR	psph	43775	44375	44375	44375

4.39 MNEMONIC INDEX: PSMPCTABL - PYSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
PSMPCTABL	ps	43376	-	-	-
PSMSGBAD	ps	43161	43761	43761	43761
PSMSGERR	ps	43393	-	-	-
PSNA7STUB	psph	44132	44732	44732	44732
PSNABADCALL	psph	43966	44566	44566	44566
PSNADYBUFF	psph	43965	44565	44565	44565
PSNAECBAD	psph	43974	44574	44574	44574
PSNAERWAIT	psph	44038	44638	44638	44638
PSNALS2SLC	psph	43971	44571	44571	44571
PSNANMBAD	psph	43973	44573	44573	44573
PSNANOAPD2PH	psph	43970	44570	44570	44570
PSNANODPC	psph	43968	44568	44568	44568
PSNANOLD SH	psph	43967	44567	44567	44567
PSNANOSTPH	psph	43969	44569	44569	44569
PSNAPHLS	psph	43962	44562	44562	44562
PSNASCBAD	psph	43975	44575	44575	44575
PSNASMHRET	psph	43964	44564	44564	44564
PSNASPREAS	psph	43972	44572	44572	44572
PSNAUNMSG	psph	44037	44637	44637	44637
PSNAURET	psph	43963	44563	44563	44563
PSNETINV	psph	44084	44684	44684	44684
PSNOALDB	psph	44170	44770	44618	44618
PSNOAPCP	ps	43201	43801	43801	43801
PSNOAPPL	ps	43173	43773	43773	43773
PSNOBRCS	ps	43228	43828	43828	43828
PSNOCDNCHAN	ps	43392	-	-	-
PSNODPORT	ps	43180	43780	43780	43780
PSNODSLEQUIP	ps	43390	-	-	-
PSNOEQUIPDSL	ps	43391	-	-	-
PSNOGPBD	pspp	44464	45064	45064	44864
PSNOIFD	pspp	44466	45066	45066	44866
PSNOL3PLE	ps	43182	43782	43782	43782
PSNOLLCB	psph	43769	44369	44369	44369
PSNOODPSOP	ps	43388	-	-	-
PSNOPSX25LN	ps	43389	-	-	-
PSNORESET	ps	43260	43860	43860	43860
PSNOSPID	ps	43387	-	-	-
PSNOT3XX	psph	44171	44771	44609	44609
PSNOTLOADED	ps	43337	43937	43937	43937
PSNOTMATCHED	ps	43336	43936	43936	43936
PSNOTMMMSG	ps	43177	43777	43777	43777
PSNOTMR	ps	43178	43778	43778	43778
PSNULPRT	ps	43317	43917	43917	43917
PSOCBADRET	psph	43935	44535	44535	44535
PSODBMSGBAD	ps	43289	43889	43889	43889
PSOSREASON	ps	43300	43900	43900	43900
PSOSSEND	ps	43191	43791	43791	43791
PSOWNIFD	pspp	44469	45069	45069	44869
PSP8TTYTYPE	pspp	44477	45077	45077	44877
PSPARMBAD	ps	43302	43902	43902	43902
PSPBDLST	pspi	44350	44950	44950	44750
PSPBLKSZ	pspi	44351	44951	44951	44751
PSPBTIMRUN	pspp	44498	45098	45098	-
PSPCBLA	ps	43192	43792	43792	43792
PSPDALB	ps	43175	43775	43775	43775
PSPH2A_INV	psph	44172	44772	44680	44680
PSPHAXER	psph	43897	44497	44497	44497

PSPHDABAD	psph	43870	44470	44470	44470
PSPHDISCARD	ps	43275	43875	43875	43875
PSPHDSCRD	ps	43156	43756	43756	43756
PSPHESER	psph	43898	44498	44498	44498
PSPIDISCARD	ps	43274	43874	43874	43874
PSPIDSCRD	ps	43155	43755	43755	43755
PSPKBINIT	ps	43276	43876	43876	43876
PSPKTBND	psph	44011	44611	44611	44611
PSPKTERR	pspp	44457	45057	45057	44857
PSPPDBERR	psph	44110	44710	44710	44710
PSPPKB	ps	43164	43764	43764	43764
PSPRISTAT	ps	43157	43757	43757	43757
PSPRORNX	ps	43315	43915	43915	43915
PSPRTCRD	ps	43316	43916	43916	43916
PSPSPB	ps	43163	43763	43763	43763
PSPSUPATH	psph	44145	44745	44745	-
PSQBADBCAST	psph	44100	44700	44700	44700
PSQBADMSG	psph	44088	44688	44688	44688
PSQBADRAM	psph	44098	44698	44698	44698
PSQBADSTIM	psph	44090	44690	44690	44690
PSQINVDERR	psph	44103	44703	44703	44703
PSQLML2BLK	psph	44104	44704	44704	44704
PSQLMOOSL1	psph	44105	44705	44705	44705
PSQLV2RESTRT	psph	44102	44702	44702	44702
PSQMSG2LONG	ps	43187	43787	43787	43787
PSQPH1	psph	44089	44689	44689	44689
PSQPHLNKL3INV	psph	44200	-	-	-
PSQQUEFULL	psph	44101	44701	44701	44701
PSQUNKENDPT	psph	44099	44699	44699	44699
PSRBADVC	psph	44023	44623	44623	44623
PSRESREC	psph	43936	44536	44536	44536
PSRETASRT	ps	43184	43784	43784	43784
PSRIPKT_BPATH	psph	43991	44591	44591	44591
PSRTDBHD	psph	44173	44773	44647	44647
PSRTDPB	ps	43294	43894	43894	43894
PSRTPICB	ps	43295	43895	43895	43895
PSRUGLPRM	ps	43339	43939	43939	43939
PSRUNTGUARD	psph	44071	44671	44671	44671
PSSCBDCV	psph	43944	44544	44544	44544
PSSCBDMG	psph	43945	44545	44545	44545
PSSCBDRT	psph	43943	44543	44543	44543
PSSCBDTB	psph	43942	44542	44542	44542
PSSCBDYN	psph	43939	44539	44539	44539
PSSCBUDT	psph	43941	44541	44541	44541
PSSCBUPD	psph	43940	44540	44540	44540
PSSCCPBDMMSG	ps	43277	43877	43877	43877
PSSCPBADATA	psph	44039	44639	44639	44639
PSSCPBDMMSG	psph	44079	44679	44679	44679
PSSCUDPC	psph	43988	44588	44588	44588
PSSCUSSN	psph	43987	44587	44587	44587
PSSENDASRT	ps	43183	43783	43783	43783
PSENDER	ps	43263	43863	43863	43863
PSENDMSG	ps	43219	43819	43819	43819
PSSGATOUT	psph	44020	44620	44620	44620
PSSGCHFAIL	psph	44114	44714	44714	44714
PSSGFAIL	psph	44093	44693	44693	44693
PSSGITOUT	psph	44019	44619	44619	44619
PSSGRFDBAD	psph	44014	44614	44614	44614
PSSGTFDBAD	psph	44015	44615	44615	44615
PSSINDXI	ps	43278	43878	43878	43878
PSSIXRDF	ps	43279	43879	43879	43879
PSSMASRT	da	20992	21292	21292	21242
PSSPYERR	psph	43751	44351	44351	44351
PSSSTRDF	ps	43280	43880	43880	43880
PSSWABMSG	pspp	44458	45058	45058	44858
PSSWCPY	pspp	44459	45059	45059	44859
PST3BADHDC	psph	-	-	44622	44622
PST3BADOWN	psph	-	-	44621	44621
PST3CTMBAD	psph	-	-	44477	44477
PST3CTYPEBAD	psph	43907	44507	44507	44507
PST3DELAYBAD	psph	43909	44509	44509	44509
PST3EXLL	psph	43903	44503	44503	44503

PST3EXTE	psph	-	-	44502	44502
PST3FLNKBAD	psph	-	-	44478	44478
PST3HLNKBAD	psph	-	-	44538	44538
PST3L2CHK	psph	43901	44501	44501	44501
PST3L3CHK	psph	43900	44500	44500	44500
PST3LLNKBAD	psph	-	-	44479	44479
PST3LOTIME	psph	43905	44505	44505	44505
PST3MBLNKBAD	psph	-	-	44499	44499
PST3MFLNKBAD	psph	-	-	44480	44480
PST3OFLDBAD	psph	-	-	44504	44504
PST3PARMBAD	psph	43908	44508	44508	44508
PST3RUNA	psph	44024	44624	44624	44624
PST3RUNL	psph	44025	44625	44625	44625
PST3TAGBAD	psph	43911	44511	44511	44511
PST3TMRERR	psph	44112	44712	44712	44712
PST3TRUNBAD	psph	43910	44510	44510	44510
PST3TTYPEBAD	psph	43906	44506	44506	44506
PST3XXALCB	psph	44184	44784	44607	44607
PST3XXLLCB	psph	44174	44774	44610	44610
PST3XXTMR	psph	44008	44608	44608	44608
PSTBADHDC	pspp	44492	45092	45092	44892
PSTBADOWNER	pspp	44491	45091	45091	44891
PSTBADTE	pspp	44493	45093	45093	44893
PSTCCOPER	psph	44129	44729	44729	44729
PSTCCPERR	ps	43304	43904	43904	43904
PSTCINDBAD	psph	44139	44739	44739	44739
PSTCMSEXC	psph	44130	44730	44730	44730
PSTCMMSGEXC	ps	43331	43931	43931	43931
PSTCUSSN	psph	44138	44738	44738	44738
PSTEXLLCB	pspp	44482	45082	45082	44882
PSTHCERR	pspp	-	-	-	44852
PSTIMCRPT	pspp	44453	45053	45053	44853
PSTIMFLR	psph	43750	44350	44350	44350
PSTINPUT	pspp	44462	45062	45062	44862
PSTMHACCNOMATCH	ps	43386	-	-	-
PSTMJBFL	ps	43181	43781	43781	43781
PSTOINJ	psph	43888	44488	44488	44488
PSTPAPSPB	ps	43212	43812	43812	43812
PSTRANFRM	pspp	44478	45078	45078	44878
PSUKNUSR	ps	43296	43896	43896	43896
PSUNEXEVNT	ps	43301	43901	43901	43901
PSUNEXIFD	pspp	44471	45071	45071	44871
PSUNEXLLCB	psph	43773	44373	44373	44373
PSUNEXOFF	pspp	44465	45065	45065	44865
PSUNEXRC	pspp	44472	45072	45072	44872
PSUNKNHSHPKT	psph	44062	44662	44662	44662
PSUNKNSHSHPKT	ps	43319	43919	43919	43919
PSUNTMRTG	psph	44033	44633	44633	44633
PSUNXMSG	ps	43176	43776	43776	43776
PSUNXPPFRM	psph	44111	44711	44711	44711
PSUNXPROC	psph	43887	44487	44487	44487
PSUTIMRUN	pspp	44499	45099	45099	-
PSVMRNG	psph	44082	44682	44682	44682
PSWBDRSN	psph	43934	44534	44534	44534
PSWBINVCXN	psph	44055	44655	44655	44655
PSWBINVLEN	psph	44054	44654	44654	44654
PSWBINVMMSG	psph	44053	44653	44653	44653
PSWINVDATA	psph	43931	44531	44531	44531
PSWINVMSG	psph	43930	44530	44530	44530
PSWINV PARA	psph	43932	44532	44532	44532
PSWOSWAIT	psph	43933	44533	44533	44533
PSX_ACTION	psph	43858	44458	44458	44458
PSX_ALTIM	psph	43863	44463	44463	44463
PSX_ARETIM	psph	43866	44466	44466	44466
PSX_ ASTATE	psph	43868	44468	44468	44468
PSX_BADTDOWN	psph	44178	44778	44629	44629
PSX_INMSG	psph	43872	44472	44472	44472
PSX_INVACT	psph	43913	44513	44513	44513
PSX_INVUD	psph	44179	44779	44627	44627
PSX_LCTIM	psph	43869	44469	44469	44469
PSX_LSTATE	psph	43865	44465	44465	44465
PSX_MSGER	psph	43867	44467	44467	44467

PSX_NOHUNT	psph	43860	44460	44460	44460
PSX_PMD	psph	44013	44613	44613	44613
PSX_PT2BK	psph	43864	44464	44464	44464
PSX_PTyp	psph	43912	44512	44512	44512
PSX_PVCERR	psph	43889	44489	44489	44489
PSX_QDNULL	psph	43859	44459	44459	44459
PSX_R1BDATA	psph	44180	44780	44628	44628
PSXRCVBADTPC	psph	44175	44775	44643	44643
PSX_RPT2BK	psph	43861	44461	44461	44461
PSXRQTYPE	psph	44176	44776	44606	44606
PSX_RSTBAD	psph	44181	44781	44630	44630
PSXSNCBADTPC	psph	44177	44777	44644	44644
PSX_UDINV	psph	44182	44782	44631	44631
PSX_USERD	psph	43862	44462	44462	44462
PSZATALCBERR	psph	43873	44473	44473	44473
PSZBLALCBERR	psph	43875	44475	44475	44475
PSZBLMSGERR	psph	43876	44476	44476	44476
PSZDTMSGERR	psph	43874	44474	44474	44474
PUCR23	dpucr	1273	1273	1273	1273
PUSMASRT	da	21129	-	-	-
PVADTERR	psph	44146	44746	44746	-
PVCSENTRY	psph	44131	44731	44731	44731
PVENVFAIL	psph	44117	44717	44717	44717
PVERRVOC	psph	44134	44734	44734	44734
PVINVEVENT	psph	44121	44721	44721	44721
PVININPUT	psph	44118	44718	44718	44718
PVINOUTPUT	psph	44120	44720	44720	44720
PVINVTMRTP	psph	44122	44722	44722	44722
PVINVFSM	psph	44116	44716	44716	44716
PVLASRT	da	20968	21268	21268	21218
PVQUEFULL	psph	44115	44715	44715	44715
PVSMASRT	da	20969	21269	21269	21219
PVTMRFAIL	psph	44123	44723	44723	44723
PVUNEXDATA	psph	44125	44725	44725	44725
PVUNXTMREXP	psph	44119	44719	44719	44719
PVVFSMFAIL	psph	44124	44724	44724	44724
PXSMASRT	da	21034	21334	21334	21284
PYSMASRT	da	20865	21165	21165	21115

4.40 MNEMONIC INDEX: Q

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
QBLMASRT	da	21096	21396	21396	-
QBSMASRT	da	21097	21397	21397	-
QCLMASRT	da	20982	21282	21282	21232
QCSMASRT	da	20981	21281	21281	21231
QDSMASRT	da	21088	21388	21388	21338
QGSMASRT	da	21047	21347	21347	21297
QLINCLLCB	cm	20727	21027	21027	21027
QLINCLMDB	cm	20711	21011	21011	21011
QLINVENDPOINT	cm	20709	21009	21009	21009
QLINVFRMTYPE	cm	20732	21032	21032	21032
QLINVLLCB	cm	20717	21017	21017	21017
QLINVLMDB	cm	20715	21015	21015	21015
QLINVNETWORK	cm	20707	21007	21007	21007
QLINVPKTTYE	cm	20744	21044	21044	21044
QLINVTIMER	cm	20713	21013	21013	21013
QLLLCBIXINV	cm	20716	21016	21016	21016
QLSMASRT	da	20862	21162	21162	21112
QLTSKNUMINV	cm	20708	21008	21008	21008
QLTSKPRIINV	cm	20712	21012	21012	21012
QMSMASRT	da	20940	21240	21240	21190
QOSMASRT	da	20994	21294	21294	21244
QPLMASRT	da	21099	21399	21399	-
QPSMASRT	da	21098	21398	21398	-
QRLMASRT	da	20919	21219	21219	21169
QRSMASRT	da	21049	21349	21349	21299
QTSMASRT	da	21045	21345	21345	21295
QVLASRT	da	21092	21392	21392	21342
QVSMASRT	da	21091	21391	21391	21341

4.41 MNEMONIC INDEX: RBSMASRT - RTBLFMG1

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
RBSMASRT	da	21010	21310	21310	21260
RCACSRCORPT	rc	32425	32755	32755	32605
RCDBERR1	rc	32428	32758	32758	32608
RCDBERR2	rc	32429	32759	32759	32609
RCINTERR	rc	32430	32760	32760	32610
RCOSERROR	rc	32427	32757	32757	32607
RCOSREASON	rc	32426	32756	32756	32606
RDSMASRT	da	21081	21381	21381	21331
RESMASRT	da	21130	-	-	-
RGSMSART	da	20998	21298	21298	21248
RIAGACDPOSD	rita	33100	33430	33430	33280
RIAUACDPOSD	rita	33082	33412	33412	33262
RIAUAPDU	rita	33090	33420	33420	33270
RIAUBRCSDB	rita	33038	33368	33368	33218
RIAUDALB	rita	33027	33357	33357	33207
RIAUDISPDB	rita	33064	33394	33394	33244
RIAUDP	rita	33028	33358	33358	33208
RIAULTMSTAT	rita	33043	33373	33373	33223
RIAUNONE	rita	33025	33355	33355	33205
RIAUPCBLA	rita	33036	33366	33366	33216
RIAUPORTLA	rita	33039	33369	33369	33219
RIAUTEDB	rita	33033	33363	33363	33213
RIAUTEILA	rita	33061	33391	33391	33241
RIBADARG	rita	33093	33423	33423	33273
RIBFGPORT	rita	33092	33422	33422	33272
RIBIP_SC_INV	rita	33049	33379	33379	33229
RIBREQ_INV	rita	33040	33370	33370	33220
RIBRGAFail	rita	33084	33414	33414	33264
RIBRGFAILL	rita	33086	33416	33416	33266
RIBRGLFAIL	rita	33087	33417	33417	33267
RIBSEL_INV	rita	33044	33374	33374	33224
RIB_SOP_INV	rita	33054	33384	33384	33234
RICHK_SC_INV	rita	33068	33398	33398	33248
RICRPT_DATA	rita	33032	33362	33362	33212
RICVSTATE	rita	33094	33424	33424	33274
RIDESTROY	rita	33026	33356	33356	33206
RIDN_FEATS	rita	33065	33395	33395	33245
RIDN_LPT	rita	33074	33404	33404	33254
RIDSLEQUIP	rita	33029	33359	33359	33209
RIEDSLDCHN	rita	33062	33392	33392	33242
RIFAILBRGA	rita	33085	33415	33415	33265
RIFAP_FAIL	rita	33030	33360	33360	33210
RIFC_LINE	rita	33034	33364	33364	33214
RIFC_PORTTYP	rita	33035	33365	33365	33215
RIFC_TRUNK	rita	33079	33409	33409	33259
RIFDAPC	rita	33101	33431	33431	33281
RIINSDYN	rita	33095	33425	33425	33275
RIINV_BIND	rita	33045	33375	33375	33225
RIINVDEVENT	rita	33076	33406	33406	33256
RIINV_SOPREQ	rita	33047	33377	33377	33227
RIINV_SPID_PTP	rita	33057	33387	33387	33237
RIIS_LINE	rita	33037	33367	33367	33217
RIISTERM	rita	33070	33400	33400	33250
RILPT_PT	rita	33066	33396	33396	33246
RILPT_SPID	rita	33046	33376	33376	33226
RIMPRET_INV	rita	33052	33382	33382	33232
RINDN_SOP_INV	rita	33055	33385	33385	33235
RINIP_SC_INV	rita	33050	33380	33380	33230
RINOCCODE	rita	33069	33399	33399	33249
RIOFFICECODE	rita	33102	33432	33432	-
RIPFIXTEI	rita	33099	33429	33429	33279
RIPORT_GROUP	rita	33042	33372	33372	33222
RIPRIFACS	rita	33078	33408	33408	33258
RIPRIGRP	rita	33083	33413	33413	33263
RIPRISTAT	rita	33077	33407	33407	33257
RIPSAPISLINE	rita	33067	33397	33397	33247
RIPX25LN	rita	33063	33393	33393	33243
RIPTPRET_INV	rita	33051	33381	33381	33231

RIREQSRV_INV	rita	33072	33402	33402	33252
RIRETROINT	rita	33098	33428	33428	33278
RIRET_SPID_INV	rita	33058	33388	33388	33238
RIRGLPRM	rita	33096	33426	33426	33276
RISOPRET_INV	rita	33048	33378	33378	33228
RISPID	rita	33031	33361	33361	33211
RISPID_RQ_INV	rita	33056	33386	33386	33236
RISTACDPOSDB	rita	33088	33418	33418	33268
RISTCMD_INV	rita	33041	33371	33371	33221
RITEI_PORT_INV	rita	33059	33389	33389	33239
RITERMKYDN	rita	33071	33401	33401	33251
RIUGLPRM	rita	33097	33427	33427	33277
RIUNB_REQ_INV	rita	33060	33390	33390	33240
RIUNB_SOP_INV	rita	33053	33383	33383	33233
RIWBTBLOCK	rita	33091	33421	33421	33271
RLLMASRT	da	21009	21309	21309	21259
RLSMASRT	da	21008	21308	21308	21258
RNSMASRT	da	21125	-	-	-
RPSMASRT	da	21119	-	-	-
RQSMASRT	da	20986	21286	21286	21236
RRLMASRT	da	20899	21199	21199	21149
RRSMASRT	da	21078	21378	21378	21328
RT2INQO_MLHG	rta	23796	24096	24096	24046
RT2Q_ISAT	rta	23797	24097	24097	24047
RT2QO_ICI	rta	23795	24095	24095	24045
RT3QO_ICI	rta	23793	24093	24093	24043
RTAAR_GP	rta	23261	23561	23561	23511
RTACB_DBRDFL	rta	23488	23788	23788	23738
RTACBMG1	rta	23617	23917	23917	23867
RTACCT_GP	rta	23567	23867	23867	23817
RTACDMG1	rta	23922	24222	24222	24172
RTACDPD1	rta	23913	24213	24213	24163
RTACDPD2	rta	23914	24214	24214	24164
RTACDQC1	rta	23915	24215	24215	24165
RTACDQC2	rta	23916	24216	24216	24166
RTACDQC3	rta	23917	24217	24217	24167
RTACDQC4	rta	23918	24218	24218	24168
RTACDQR1	rta	23919	24219	24219	24169
RTACSOPT	rta	23352	23652	23652	23602
RTADDLQ1	rta	23784	24084	24084	24034
RTADDLQ2	rta	23785	24085	24085	24035
RTADDTQ1	rta	23719	24019	24019	23969
RTAMBMMSG	rta	23312	23612	23612	23562
RTAMINT1	rta	23611	23911	23911	23861
RTAMLNKER	rta	23462	23762	23762	23712
RTAMUXMG	rta	23311	23611	23611	23561
RTANI_MISSING	rta	23937	24237	24237	-
RTAPBBHT	rta	23733	24033	24033	23983
RTAPVBHT	rta	23731	24031	24031	23981
RTAPVBPT	rta	23732	24032	24032	23982
RTARCB1	rta	23658	23958	23958	23908
RTARCB12	rta	23659	23959	23959	23909
RTARCHNT	rta	23660	23960	23960	23910
RTARCRBKFL	rta	23416	23716	23716	23666
RTARCSP1	rta	23664	23964	23964	23914
RTARCSP2	rta	23665	23965	23965	23915
RTARCSP3	rta	23666	23966	23966	23916
RTARCTG1	rta	23661	23961	23961	23911
RTASOPCGB	rta	23353	23653	23653	23603
RTASP_LTM	rta	23265	23565	23565	23515
RTASPOTNST	rta	23946	24246	24246	-
RTASRT01	rta	23445	23745	23745	23695
RTASRT02	rta	23446	23746	23746	23696
RTASRT03	rta	23447	23747	23747	23697
RTASRT04	rta	23448	23748	23748	23698
RTASRT05	rta	23449	23749	23749	23699
RTASRT06	rta	23450	23750	23750	23700
RTATCF	rta	23565	23865	23865	23815
RTATCNTMSK	rta	23864	24164	24164	24114
RTATGRP	rta	23335	23635	23635	23585
RTATHPRT	rta	23262	23562	23562	23512
RTATH_RLID	rta	23500	23800	23800	23750

RTATHRRL	rta	23748	24048	24048	23998
RTATHTRG	rta	23688	23988	23988	23938
RTATTMBL	rta	23271	23571	23571	23521
RTAU3PCBLA	rta	23839	24139	24139	24089
RTAU3PORTLA	rta	23657	23957	23957	23907
RTAU3QM_MLHG	rta	23791	24091	24091	24041
RTAU4PCBLA	rta	23630	23930	23930	23880
RTAU4PORTLA	rta	23631	23931	23931	23881
RTAUATTH_BLF	rta	23321	23621	23621	23571
RTAUATTM_BLF	rta	23322	23622	23622	23572
RTAUBADRD	rta	23540	23840	23840	23790
RTAUBRCSDB	rta	23316	23616	23616	23566
RTAUCKTDATA	rta	23207	23507	23507	23457
RTAUCPLR	rta	23267	23567	23567	23517
RTAUDALB	rta	23304	23604	23604	23554
RTAUDESTROY	rta	23220	23520	23520	23470
RTAUDLTSBDB	rta	23227	23527	23527	23477
RTAUDMBRCSDB	rta	23347	23647	23647	23597
RTAUDMDALB	rta	23348	23648	23648	23598
RTAUDMDISPDB	rta	23346	23646	23646	23596
RTAUDNLTBDB	rta	23583	23883	23883	23833
RTAUDPB	rta	23303	23603	23603	23553
RTAUCITK	rta	23663	23963	23963	23913
RTAULDAT_BLF	rta	23323	23623	23623	23573
RTAULGLNSTAT	rta	23205	23505	23505	23455
RTAULGSFSTAT	rta	23211	23511	23511	23461
RTAULGTKSTAT	rta	23217	23517	23517	23467
RTAULNSTAT	rta	23204	23504	23504	23454
RTAULTMSTAT	rta	23317	23617	23617	23567
RTAULTSTAT	rta	23228	23528	23528	23478
RTAUMODH_BLF	rta	23324	23624	23624	23574
RTAUMODM_BLF	rta	23325	23625	23625	23575
RTAUNCKTDATA	rta	23620	23920	23920	23870
RTAUNLGKSTAT	rta	23861	24161	24161	24111
RTAUNLTMSTAT	rta	23840	24140	24140	24090
RTAUNLTSTAT	rta	23581	23881	23881	23831
RTAUNONE	rta	23200	23500	23500	23450
RTAUNPCBLA	rta	23837	24137	24137	24087
RTAUNPORTLA	rta	23656	23956	23956	23906
RTAUNQM_MLHG	rta	23786	24086	24086	24036
RTAUNQO_MLHG	rta	23790	24090	24090	24040
RTAUNRTMHG	rta	23662	23962	23962	23912
RTAUNTEDB	rta	23818	24118	24118	24068
RTAUNTEILA	rta	23838	24138	24138	24088
RTAUPCBLA	rta	23208	23508	23508	23458
RTAUPORTLA	rta	23210	23510	23510	23460
RTAUPOSDB	rta	23293	23593	23593	23543
RTAUQ_ISAT	rta	23334	23634	23634	23584
RTAUQM_MLHG	rta	23290	23590	23590	23540
RTAUQMOGT	rta	23234	23534	23534	23484
RTAUQO_ICI	rta	23333	23633	23633	23583
RTAUQO_MLHG	rta	23291	23591	23591	23541
RTAUQOOGT	rta	23233	23533	23533	23483
RTAUQUOGTOS	rta	23232	23532	23532	23482
RTAURCVMSG	rta	23222	23522	23522	23472
RTAUREPLYBLF	rta	23326	23626	23626	23576
RTAURTMHG	rta	23206	23506	23506	23456
RTAURTMUPH	rta	23219	23519	23519	23469
RTAURTTRKG	rta	23218	23518	23518	23468
RTAUSFSTAT	rta	23215	23515	23515	23465
RTAUTEDB	rta	23318	23618	23618	23568
RTAUTEILA	rta	23351	23651	23651	23601
RTAUTKOWNER	rta	23202	23502	23502	23452
RTAUTKQUE	rta	23201	23501	23501	23451
RTAUTKSTAT	rta	23216	23516	23516	23466
RTBADBMAPE9	rta	23554	23854	23854	23804
RTBADESNE9	rta	23553	23853	23853	23803
RTBADHTYP	rta	23412	23712	23712	23662
RTBADMATE	rta	23486	23786	23786	23736
RTBADRTSTATE	rta	23487	23787	23787	23737
RTBCERR	rta	23673	23973	23973	23923
RTBCLCF	rta	23879	24179	24179	24129

RTBCLGCNT	rta	23880	24180	24180	24130
RTBCLGRP	rta	23881	24181	24181	24131
RTBCLLCNT	rta	23882	24182	24182	24132
RTBCLLTM	rta	23883	24183	24183	24133
RTBCLMHTG	rta	23884	24184	24184	24134
RTBCLOPTS	rta	23885	24185	24185	24135
RTBFGPORT	rta	23679	23979	23979	23929
RTBFMLG1	rta	23711	24011	24011	23961
RTBGRPBH	rta	23749	24049	24049	23999
RT_BIKYPM	rta	23548	23848	23848	23798
RTBKYPM	rta	23336	23636	23636	23586
RTBLFCL1	rta	23823	24123	24123	24073
RTBLFCL2	rta	23824	24124	24124	24074
RTBLFCL3	rta	23825	24125	24125	24075
RTBLFCL4	rta	23826	24126	24126	24076
RTBLFCL5	rta	23827	24127	24127	24077
RTBLFCL6	rta	23828	24128	24128	24078
RTBLFMA1	rta	23829	24129	24129	24079
RTBLFMA2	rta	23871	24171	24171	24121
RTBLFMA3	rta	23872	24172	24172	24122
RTBLFMA4	rta	23873	24173	24173	24123
RTBLFMA5	rta	23874	24174	24174	24124
RTBLFMA6	rta	23875	24175	24175	24125
RTBLFMG1	rta	23830	24130	24130	24080

4.42 MNEMONIC INDEX: RTBOSSERR - RTISTMOD

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
RTBOSSERR	rta	23559	23859	23859	23809
RTBREQ_INV	rta	23269	23569	23569	23519
RTBSYMLG	rta	23776	24076	24076	24026
RTBTMREQ	rta	23310	23610	23610	23560
RTBTNHN1	rta	23831	24131	24131	24081
RTBTNHN2	rta	23832	24132	24132	24082
RTBTNHN3	rta	23833	24133	24133	24083
RTBUSYF1	rta	23618	23918	23918	23868
RTBVBCH1	rta	23621	23921	23921	23871
RTBV_DBRDFL	rta	23490	23790	23790	23740
RTBVNOT_LD	rta	23492	23792	23792	23742
RTCAMA1	rta	23584	23884	23884	23834
RTCAMA2	rta	23585	23885	23885	23835
RTCAMAQ1	rta	23588	23888	23888	23838
RTCAMAQ2	rta	23589	23889	23889	23839
RTCAMPPOINT	rta	23476	23776	23776	23726
RTCCSVP1	rta	23690	23990	23990	23940
RTCF_LTM	rta	23675	23975	23975	23925
RTCGA_STAT	rta	23947	24247	24247	-
RTCHRGIDXEXP	rta	23363	23663	23663	23613
RTCICEX	rta	23909	24209	24209	24159
RTCKTDATA	rta	23681	23981	23981	23931
RTCLIDAT	rta	23364	23664	23664	23614
RTCLMATEQ	rta	23477	23777	23777	23727
RTCMDTYPE	rta	23469	23769	23769	23719
RTCMSUS1	rta	23586	23886	23886	23836
RTCMSUS2	rta	23587	23887	23887	23837
RTCMTUNEQ	rta	23953	-	-	-
RTCNDATA	rta	23409	23709	23709	23659
RTCOMPFAIL	rta	23408	23708	23708	23658
RTCONVR1	rta	23805	24105	24105	24055
RTCREAT1	rta	23623	23923	23923	23873
RTCREAT2	rta	23619	23919	23919	23869
RTCRTQT1	rta	23787	24087	24087	24037
RTCRTQT2	rta	23788	24088	24088	24038
RTCTVRWRG	rta	23270	23570	23570	23520
RTCUSPI1	rta	23789	24089	24089	24039
RTDAFFCOPC_INV	rta	23443	23743	23743	23693
RTDAFSPOPC_INV	rta	23444	23744	23744	23694
RTDATABAD	rta	23245	23545	23545	23495
RTDBRD_FAIL	rta	23419	23719	23719	23669
RTDD1ALNK	rta	23460	23760	23760	23710
RTDD1IMAB	rta	23466	23766	23766	23716

RTDD1SMAB	rta	23472	23772	23772	23722
RTDD1STF	rta	23474	23774	23774	23724
RTDD2ALNK	rta	23461	23761	23761	23711
RTDD2IMAB	rta	23467	23767	23767	23717
RTDEFHUNTTYP	rta	23288	23588	23588	23538
RTDEFMLHG	rta	23285	23585	23585	23535
RTDEFQKEYPRT	rta	23287	23587	23587	23537
RTDEFSG	rta	23214	23514	23514	23464
RTDEFTRKG	rta	23286	23586	23586	23536
RTDEFAC	rta	23296	23596	23596	23546
RTDGCX	rta	23738	24038	24038	23988
RTDLTNOT_LD	rta	23494	23794	23794	23744
RTDNBFG	rta	23524	23824	23824	23774
RTDNFEAT	rta	23523	23823	23823	23773
RTDNRTG1	rta	23667	23967	23967	23917
RTDNRTG2	rta	23668	23968	23968	23918
RTDNVTERR	rta	23560	23860	23860	23810
RTDQALG1	rta	23792	24092	24092	24042
RTDQALG2	rta	23794	24094	24094	24044
RTDRVER1	rta	23746	24046	24046	23996
RTDRVER2	rta	23747	24047	24047	23997
RTDSHBHT	rta	23750	24050	24050	24000
RTDSLEQP	rta	23345	23645	23645	23595
RTDSLSP	rta	23687	23987	23987	23937
RTDSNTK1	rta	23806	24106	24106	24056
RTDUDALOG	rta	23557	23857	23857	23807
RTDUINTERR	rta	23556	23856	23856	23806
RTE9_BADDN	rta	23676	23976	23976	23926
RTE9BADOP	rta	23552	23852	23852	23802
RTE9BADSFG	rta	23562	23862	23862	23812
RTE9_CFBADDN	rta	23876	24176	24176	24126
RTE9INVMMSG	rta	23555	23855	23855	23805
RTE9_PSAP	rta	23549	23849	23849	23799
RTEDN	rta	23417	23717	23717	23667
RTEDSLGPRT	rta	23395	23695	23695	23645
RTEDSLTRKG	rta	23558	23858	23858	23808
RTEHKBSA	rta	23751	24051	24051	24001
RTENQTM1	rta	23720	24020	24020	23970
RTEXMCBSZ	rta	23407	23707	23707	23657
RTFACMISSING	rta	23209	23509	23509	23459
RTFAILM1	rta	23624	23924	23924	23874
RTFCAUTH	rta	23475	23775	23775	23725
RTFCLINE	rta	23357	23657	23657	23607
RTFCPBCOS	rta	23866	24166	24166	24116
RTFCPTYP	rta	23260	23560	23560	23510
RTFCTRK	rta	23358	23658	23658	23608
RTFCTRUNK	rta	23243	23543	23543	23493
RTFEATBN	rta	23359	23659	23659	23609
RTFEATNOTSUP	rta	23471	23771	-	-
RTFID_NO_MATCH	rta	23497	23797	23797	23747
RT_FIXRI	rta	23401	23701	23701	23651
RTFL_DBRD	rta	23451	23751	23751	23701
RTFRBC_SVC	rta	23951	24251	-	-
RTFSBHTYP	rta	23684	23984	23984	23934
RTFSMOOR	rta	23683	23983	23983	23933
RTFTRKEY	rta	23599	23899	23899	23849
RTGENDS1	rta	23612	23912	23912	23862
RTGENIN1	rta	23609	23909	23909	23859
RTGENIN2	rta	23610	23910	23910	23860
RTGENSCA	rta	23511	23811	23811	23761
RTGENSCF	rta	23512	23812	23812	23762
RTGENSCR	rta	23513	23813	23813	23763
RTGENSDA	rta	23514	23814	23814	23764
RTGENTM1	rta	23625	23925	23925	23875
RTGENTM2	rta	23920	24220	24220	24170
RTGI_BAD_DATA	rta	23501	23801	23801	23751
RTGPRMLASS	rta	23355	23655	23655	23605
RTGPSF	rta	23313	23613	23613	23563
RTGPTOPT	rta	23360	23660	23660	23610
RTGTNOT_LD	rta	23493	23793	23793	23743
RTHI_CF	rta	23530	23830	23830	23780
RTHKBHKT	rta	23754	24054	24054	24004

RTHKKBST	rta	23755	24055	24055	24005
RTHKCMF	rta	23804	24104	24104	24054
RTHKFCORC	rta	23753	24053	24053	24003
RTHKSUBBS	rta	23752	24052	24052	24002
RTHNTKYS	rta	23361	23661	23661	23611
RTICITK	rta	23237	23537	23537	23487
RTICMLST	rta	23887	24187	24187	24137
RTICMTRM	rta	23362	23662	23662	23612
RT_ICR	rta	23368	23668	23668	23618
RTICRDBERR	rta	23230	23530	23530	23480
RTICRERR	rta	23339	23639	23639	23589
RTICRLG_S_SFG	rta	23340	23640	23640	23590
RTICRLSTERR	rta	23338	23638	23638	23588
RTICRMGAMA	rta	23342	23642	23642	23592
RTICRMGERR	rta	23343	23643	23643	23593
RTICRPCBLA	rta	23344	23644	23644	23594
RTICRS_LG_SFG	rta	23341	23641	23641	23591
RTICRSTERR	rta	23337	23637	23637	23587
RTICXICI	rta	23369	23669	23669	23619
RTIDLEF1	rta	23626	23926	23926	23876
RTIDLES1	rta	23777	24077	24077	24027
RTIDLES2	rta	23778	24078	24078	24028
RTIDLES3	rta	23779	24079	24079	24029
RTIDPACT	rta	23370	23670	23670	23620
RTIDPGP	rta	23371	23671	23671	23621
RTID_PORT	rta	23566	23866	23866	23816
RTIDPPRT	rta	23372	23672	23672	23622
RTIDSIDLE	rta	23298	23598	23598	23548
RTIECP_BAD	rta	23239	23539	23539	23489
RTIGPBHT	rta	23756	24056	24056	24006
RTILACDT	rta	23268	23568	23568	23518
RTILHB	rta	23399	23699	23699	23649
RTILLSTCHG	rta	23439	23739	23739	23689
RTIMMSGC	rta	23605	23905	23905	23855
RTINHUNTKEYS	rta	23272	23572	23572	23522
RTINISATUCD	rta	23332	23632	23632	23582
RTINKEYLIST	rta	23273	23573	23573	23523
RTINLGLNSTAT	rta	23284	23584	23584	23534
RTINLGMEM	rta	23350	23650	23650	23600
RTINLGTKSTAT	rta	23277	23577	23577	23527
RTINLNSTAT	rta	23283	23583	23583	23533
RTINMEM	rta	23349	23649	23649	23599
RTINMHG	rta	23282	23582	23582	23532
RTINMUPH	rta	23677	23977	23977	23927
RTINNQM_MLHG	rta	23300	23600	23600	23550
RTINPPLLNST	rta	23542	23842	23842	23792
RTINPPLNST	rta	23541	23841	23841	23791
RTINPPLTKST	rta	23544	23844	23844	23794
RTINPPS1	rta	23807	24107	24107	24057
RTINPPTKST	rta	23543	23843	23843	23793
RTINPRT_GRP	rta	23279	23579	23579	23529
RTINPSPT_GP	rta	23315	23615	23615	23565
RTINPSSA	rta	23868	24168	24168	24118
RTINQKEYPORT	rta	23278	23578	23578	23528
RTINQM_OGT	rta	23305	23605	23605	23555
RTINQO_MLHG	rta	23301	23601	23601	23551
RTINQO_OGT	rta	23306	23606	23606	23556
RTINQT_OGTOS	rta	23307	23607	23607	23557
RTINQU_OS	rta	23302	23602	23602	23552
RTINRTMUPHST	rta	23289	23589	23589	23539
RTINSAG1	rta	23867	24167	24167	24117
RTINSBF1	rta	23834	24134	24134	24084
RTINSBF2	rta	23835	24135	24135	24085
RTINSBF3	rta	23836	24136	24136	24086
RTINSTFAC	rta	23246	23546	23546	23496
RTINTKOWNER	rta	23275	23575	23575	23525
RTINTKSTAT	rta	23276	23576	23576	23526
RTINTOWNQUE	rta	23281	23581	23581	23531
RTINTQUE	rta	23280	23580	23580	23530
RTINTRASM	rta	23294	23594	23594	23544
RTINTRKG	rta	23274	23574	23574	23524
RTINVEONSFG	rta	23940	24240	24240	-

RTINVHTTYPE	rta	23912	24212	24212	24162
RTINV_PARAM	rta	23452	23752	23752	23702
RTINVTTRKG	rta	23865	24165	24165	24115
RTINVTSA	rta	23923	24223	24223	24173
RTINWVBRATE	rta	23911	24211	24211	24161
RTIPVBHT	rta	23734	24034	24034	23984
RTIPVBPT	rta	23735	24035	24035	23985
RTISACOF	rta	23373	23673	23673	23623
RTISATC1	rta	23606	23906	23906	23856
RTISATC2	rta	23607	23907	23907	23857
RTISATLMPUP	rta	23929	24229	24229	24179
RTISATMP	rta	23258	23558	23558	23508
RTISATS1	rta	23798	24098	24098	24048
RTISCCOF	rta	23379	23679	23679	23629
RTISDBST	rta	23757	24057	24057	24007
RTISDN1SPP	rta	23844	24144	24144	24094
RTISDN2SPP	rta	23845	24145	24145	24095
RTISDN3SPP	rta	23846	24146	24146	24096
RTISDN4SPP	rta	23847	24147	24147	24097
RTISDN5SPP	rta	23848	24148	24148	24098
RTISDN6SPP	rta	23849	24149	24149	24099
RTISDN7SPP	rta	23850	24150	24150	24100
RTISDN8SPP	rta	23851	24151	24151	24101
RTISDN9SPP	rta	23852	24152	24152	24102
RTISDN10SPP	rta	23853	24153	24153	24103
RTISDN11SPP	rta	23854	24154	24154	24104
RTISDN12SPP	rta	23855	24155	24155	24105
RTISDN13SPP	rta	23856	24156	24156	24106
RTISDN14SPP	rta	23857	24157	24157	24107
RTISDN15SPP	rta	23858	24158	24158	24108
RTISDN16SPP	rta	23859	24159	24159	24109
RTISDN17SPP	rta	23860	24160	24160	24110
RTISDN18SPP	rta	23862	24162	24162	24112
RTISDN19SPP	rta	23863	24163	24163	24113
RTISDTGS	rta	23378	23678	23678	23628
RTISHBAC	rta	23758	24058	24058	24008
RTISHBHT	rta	23759	24059	24059	24009
RTISLINE	rta	23382	23682	23682	23632
RTISMBLS	rta	23381	23681	23681	23631
RTISRMBLST	rta	23545	23845	23845	23795
RT_ISRMBLST	rta	23547	23847	23847	23797
RTISTERM	rta	23383	23683	23683	23633
RTISTGDX	rta	23380	23680	23680	23630
RTISTGRP	rta	23374	23674	23674	23624
RTISTLMT	rta	23375	23675	23675	23625
RTISTMBLST	rta	23537	23837	23837	23787
RTISTMBR	rta	23376	23676	23676	23626
RTISTMOD	rta	23377	23677	23677	23627

4.43 MNEMONIC INDEX: RTIVGLASS - RTRTSEQ_INV

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
RTIVGLASS	rta	23354	23654	23654	23604
RTIVLASSACS	rta	23356	23656	23656	23606
RTJ071_1	rta	23595	23895	23895	23845
RTJ071_2	rta	23596	23896	23896	23846
RTJ071_3	rta	23597	23897	23897	23847
RTJ071_4	rta	23598	23898	23898	23848
RTJMPTS1	rta	23692	23992	23992	23942
RTLASSMSG	rta	23561	23861	23861	23811
RT_LGMEM	rta	23569	23869	23869	23819
RTLINETM	rta	23627	23927	23927	23877
RTLMPST1	rta	23799	24099	24099	24049
RTLMPUD1	rta	23800	24100	24100	24050
RTLMPUD2	rta	23801	24101	24101	24051
RTLNDQU1	rta	23712	24012	24012	23962
RTLNEONSFG	rta	23938	24238	24238	-
RTLNK_PLI	rta	23948	24248	24248	-
RTLNQST1	rta	23713	24013	24013	23963
RTLNQST2	rta	23714	24014	24014	23964
RTLNQST3	rta	23715	24015	24015	23965

RTLPT_PT	rta	23384	23684	23684	23634
RTLPTSPD	rta	23385	23685	23685	23635
RTLPTYPFail	rta	23415	23715	23715	23665
RTLSF_CF	rta	23528	23828	23828	23778
RTLSFHCA	rta	23519	23819	23819	23769
RTLSFHCF	rta	23520	23820	23820	23770
RTLSFHCR	rta	23521	23821	23821	23771
RTLSFHDA	rta	23522	23822	23822	23772
RTLSFSCA	rta	23515	23815	23815	23765
RTLSFSCF	rta	23516	23816	23816	23766
RTLSFSCR	rta	23517	23817	23817	23767
RTLSFSDA	rta	23518	23818	23818	23768
RTLTM_PORT	rta	23405	23705	23705	23655
RTLTSBCW	rta	23577	23877	23877	23827
RTLTSBDB	rta	23578	23878	23878	23828
RTLTSBPORT	rta	23229	23529	23529	23479
RTLTSBPT	rta	23386	23686	23686	23636
RTLTSBSPP	rta	23579	23879	23879	23829
RTMAIN	rta	23602	23902	23902	23852
RTMASK_BLF	rta	23327	23627	23627	23577
RTMBYBHT	rta	23760	24060	24060	24010
RTMCAOF1	rta	23842	24142	24142	24092
RTMCAOF2	rta	23843	24143	24143	24093
RTMCATE1	rta	23841	24141	24141	24091
RTMCTR	rta	23292	23592	23592	23542
RTMDLBHT	rta	23761	24061	24061	24011
RTMDRSFG	rta	23888	24188	24188	24138
RTMGPRC1	rta	23608	23908	23908	23858
RTMHGCF	rta	23388	23688	23688	23638
RTMINSA1	rta	23808	24108	24108	24058
RTMKLNQ1	rta	23802	24102	24102	24052
RTMLGDP1	rta	23716	24016	24016	23966
RTMLGHT1	rta	23717	24017	24017	23967
RTMODATT	rta	23299	23599	23599	23549
RTMONI_BLF	rta	23328	23628	23628	23578
RTMP_UEXP_RET	rta	23503	23803	23803	23753
RTMRSP	rta	23926	24226	24226	24176
RTMRTIMER	rta	23927	24227	24227	24177
RTMR_UEXP_MSG	rta	23928	24228	24228	24178
RTMSGBAD	rta	23244	23544	23544	23494
RTMSGCAMA	rta	23594	23894	23894	23844
RTMSG_INV	rta	23420	23720	23720	23670
RTMSGQFULL	rta	23934	24234	24234	24184
RTMSKBLF	rta	23387	23687	23687	23637
RTMSUSP1	rta	23695	23995	23995	23945
RTMSUSP2	rta	23696	23996	23996	23946
RTMSUSP3	rta	23697	23997	23997	23947
RTMSUSP4	rta	23698	23998	23998	23948
RT_NAIL_UP	rta	23389	23689	23689	23639
RTNMPSTHTFAIL	rta	23707	24007	-	-
RTNO_GPORT	rta	23489	23789	23789	23739
RT_NOISMPH	rta	23252	23552	23552	23502
RTNO_PRIQ	rta	23456	23756	23756	23706
RTNORMS_D3	rta	23508	23808	23808	23758
RTNOTKQ	rta	23411	23711	23711	23661
RTNSFMAP	rta	23367	23667	23667	23617
RTNS_TRIG	rta	23266	23566	23566	23516
RTNTSESPP	rta	23572	23872	23872	23822
RTNTSRV1	rta	23570	23870	23870	23820
RTNTSRV2	rta	23571	23871	23871	23821
RTNUCON1	rta	23644	23944	23944	23894
RTNUCON2	rta	23645	23945	23945	23895
RTNUMON1	rta	23655	23955	23955	23905
RTNUROU1	rta	23646	23946	23946	23896
RTNUSDF1	rta	23647	23947	23947	23897
RTNUSMS1	rta	23649	23949	23949	23899
RTNUSMS2	rta	23650	23950	23950	23900
RTNUSMS3	rta	23652	23952	23952	23902
RTNUSMS4	rta	23651	23951	23951	23901
RTNUSMT1	rta	23653	23953	23953	23903
RTNUSMT2	rta	23654	23954	23954	23904
RTNUSPP1	rta	23640	23940	23940	23890

RTNUSPP2	rta	23641	23941	23941	23891
RTNUSPP3	rta	23643	23943	23943	23893
RTNUSPP4	rta	23642	23942	23942	23892
RTNWDSC1	rta	23613	23913	23913	23863
RTODPSOP	rta	23403	23703	23703	23653
RTOFFCDE	rta	23390	23690	23690	23640
RTOFFICE	rta	23254	23554	23554	23504
RTOFHEQ1	rta	23721	24021	24021	23971
RTOFHKE1	rta	23739	24039	24039	23989
RTOFHKE3	rta	23740	24040	24040	23990
RTOFHPFAP	rta	23479	23779	23779	23729
RTOFHPTYP	rta	23480	23780	23780	23730
RTOLHB	rta	23414	23714	23714	23664
RTONHKE1	rta	23741	24041	24041	23991
RTONHPFAP	rta	23482	23782	23782	23732
RTONHPTYP	rta	23481	23781	23781	23731
RTONISTA	rta	23590	23890	23890	23840
RTOUTSAERR	rta	23672	23972	23972	23922
RTPCINT1	rta	23691	23991	23991	23941
RTPDBDCNT	rta	23685	23985	23985	23935
RTPDNTR1	rta	23702	24002	24002	23952
RTPEPTYPE	rta	23484	23784	23784	23734
RTP_EPTYPE	rta	23483	23783	23783	23733
RTPF_DBRDFL	rta	23495	23795	23795	23745
RTPFSLCP	rta	23391	23691	23691	23641
RTPG_TERM_LP	rta	23308	23608	23608	23558
RTPHOOS1	rta	23533	23833	23833	23783
RTPOLY	rta	23396	23696	23696	23646
RTPPBSY1	rta	23811	24111	24111	24061
RTPPBTF1	rta	23810	24110	24110	24060
RTPP_CF	rta	23392	23692	23692	23642
RTPPFAC1	rta	23297	23597	23597	23547
RTPPHNT1	rta	23812	24112	24112	24062
RTPPLTM	rta	23393	23693	23693	23643
RTPPSCR1	rta	23809	24109	24109	24059
RTPPSET1	rta	23813	24113	24113	24063
RTPPSET2	rta	23814	24114	24114	24064
RTPPTRUNK	rta	23394	23694	23694	23644
RTPREC_LEV	rta	23437	23737	23737	23687
RTPREWL	rta	23573	23873	23873	23823
RTPRIFACS	rta	23264	23564	23564	23514
RTPRIGRP	rta	23263	23563	23563	23513
RTPRM_TYPE_UNK	rta	23438	23738	23738	23688
RTPSAPISLINE	rta	23877	24177	24177	24127
RTPSAPRTMHG	rta	23878	24178	24178	24128
RTPSBILLDN	rta	23240	23540	23540	23490
RTPSINSA	rta	23869	24169	24169	24119
RTPSMHG	rta	23255	23555	23555	23505
RTPSPRT	rta	23256	23556	23556	23506
RTPSRIPSN	rta	23241	23541	23541	23491
RTPSTDN1	rta	23703	24003	24003	23953
RTPSTDN2	rta	23704	24004	24004	23954
RTPSTDN3	rta	23921	24221	24221	24171
RTPSU_TRKG	rta	23933	24233	24233	24183
RTPSX25LN	rta	23402	23702	23702	23652
RTPTABHT	rta	23763	24063	24063	24013
RTPTABPT	rta	23764	24064	24064	24014
RTPTAVOOR	rta	23762	24062	24062	24012
RTPTBBHT	rta	23766	24066	24066	24016
RTPTBBPT	rta	23767	24067	24067	24017
RTPTBOOR	rta	23765	24065	24065	24015
RTPTBRC	rta	23768	24068	24068	24018
RTPTTOGP	rta	23259	23559	23559	23509
RTPTTOLP	rta	23580	23880	23880	23830
RTPTYP_RDFL	rta	23491	23791	23791	23741
RTPVCFCL_BAD	rta	23250	23550	23550	23500
RTPVCINF	rta	23247	23547	23547	23497
RTPVCRDN	rta	23251	23551	23551	23501
RTQDLAPB	rta	23737	24037	24037	23987
RTQKEYPT	rta	23669	23969	23969	23919
RTQKYST1	rta	23727	24027	24027	23977
RTQTWLS1	rta	23803	24103	24103	24053

RTQTYPE	rta	23468	23768	23768	23718
RTQTYPE_INV	rta	23458	23758	23758	23708
RTQUOGTOS	rta	23225	23525	23525	23475
RTRAFTNOT_LD	rta	23498	23798	23798	23748
RTRBKPS1	rta	23722	24022	24022	23972
RTRBKPS2	rta	23723	24023	24023	23973
RTRB_UEXP_RET	rta	23504	23804	23804	23754
RTRCAF1	rta	23455	23755	23755	23705
RTRCAF2	rta	23538	23838	23838	23788
RTRCDF1	rta	23426	23726	23726	23676
RTRCDF2	rta	23427	23727	23727	23677
RTRCDF3	rta	23428	23728	23728	23678
RTRCDLT1	rta	23424	23724	23724	23674
RTRCDLT2	rta	23425	23725	23725	23675
RTRCITK1	rta	23429	23729	23729	23679
RTRCITK2	rta	23430	23730	23730	23680
RTRCITK3	rta	23431	23731	23731	23681
RTRCITK4	rta	23432	23732	23732	23682
RTRCLTSB	rta	23582	23882	23882	23832
RTRCPPS2	rta	23815	24115	24115	24065
RTRCRLG1	rta	23436	23736	23736	23686
RTRCRLG2	rta	23453	23753	23753	23703
RTRCRLG3	rta	23454	23754	23754	23704
RTRCTGR1	rta	23433	23733	23733	23683
RTRCTGR2	rta	23434	23734	23734	23684
RTRCTGR3	rta	23435	23735	23735	23685
RTRCTK1GR	rta	23418	23718	23718	23668
RTRCTK2GR	rta	23422	23722	23722	23672
RTRCTK3GR	rta	23423	23723	23723	23673
RTRDLGLNSTAT	rta	23331	23631	23631	23581
RTRDLNSTAT	rta	23213	23513	23513	23463
RTREASON	rta	23410	23710	23710	23660
RTREHNT2	rta	23693	23993	23993	23943
RTREHNT3	rta	23694	23994	23994	23944
RTREPLY1	rta	23817	24117	24117	24067
RTRERRBC	rta	23686	23986	23986	23936
RTRERTBM	rta	23736	24036	24036	23986
RTRIBAD_RET	rta	23506	23806	23806	23756
RTRIINV_RET	rta	23507	23807	23807	23757
RTRINORMS_D3	rta	23505	23805	23805	23755
RTRIRET_BAD	rta	23509	23809	23809	23759
RTRKMOD	rta	23413	23713	23713	23663
RTRLFC_PORTTYP	rta	23440	23740	23740	23690
RTRMBLST	rta	23539	23839	23839	23789
RTRMBLST	rta	23546	23846	23846	23796
RTRMSFAIL	rta	23309	23609	23609	23559
RTRNCBAD_RET	rta	23510	23810	23810	23760
RTROUTBP	rta	23742	24042	24042	23992
RTRQBCR1	rta	23743	24043	24043	23993
RTRRCOS	rta	23485	23785	23785	23735
RTRSMCAM	rta	23591	23891	23891	23841
RTRTDNMHG	rta	23527	23827	23827	23777
RTRTDNMOD	rta	23329	23629	23629	23579
RTRTDNMPG	rta	23601	23901	23901	23851
RTRT_DNTRAN	rta	23526	23826	23826	23776
RTRT_DTRTX	rta	23931	24231	24231	24181
RTRTGCN2	rta	23718	24018	24018	23968
RTRTGIN1	rta	23603	23903	23903	23853
RTRTGIN2	rta	23639	23939	23939	23889
RTRTLIST	rta	23952	24252	-	-
RTRT_MCRT	rta	23563	23863	23863	23813
RTRT_MEM	rta	23568	23868	23868	23818
RTRT_MHG	rta	23400	23700	23700	23650
RTRTMWCF	rta	23226	23526	23526	23476
RTRTNOT_LD	rta	23496	23796	23796	23746
RTRTPPSCRN	rta	23397	23697	23697	23647
RTRTROUTING	rta	23366	23666	23666	23616
RTRTSATLN	rta	23319	23619	23619	23569
RTRTSEQ_INV	rta	23459	23759	23759	23709

4.44 MNEMONIC INDEX: RTRT_SFG - RVSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
RTRT_SFQ	rta	23212	23512	23512	23462
RTRT_TGBL	rta	23550	23850	23850	23800
RTRT_TGID	rta	23600	23900	23900	23850
RTRT_TRKG	rta	23404	23704	23704	23654
RTRT_WBRX	rta	23932	24232	24232	24182
RTS96DFI	rta	23648	23948	23948	23898
RTSCALTM	rta	23223	23523	23523	23473
RTSCFBHT	rta	23770	24070	24070	24020
RTSCFBPT	rta	23769	24069	24069	24019
RTSCFLTM	rta	23224	23524	23524	23474
RTSCM_NSCM	rta	23406	23706	23706	23656
RTSCRLTM	rta	23235	23535	23535	23485
RTSCRNING	rta	23365	23665	23665	23615
RTSDALTM	rta	23236	23536	23536	23486
RTSEADREQ	rta	23682	23982	23982	23932
RTSEL6P1	rta	23780	24080	24080	24030
RTSETSA1	rta	23816	24116	24116	24066
RTSFGCOR	rta	23295	23595	23595	23545
RTSFGINV	rta	23551	23851	23851	23801
RTSFGSERR	rta	23671	23971	23971	23921
RTSFGST1	rta	23781	24081	24081	24031
RTSFGSV1	rta	23783	24083	24083	24033
RTSFREL1	rta	23782	24082	24082	24032
RTSFSBHT	rta	23771	24071	24071	24021
RTSHDNLENERR	rta	23886	24186	24186	24136
RTSHTBHT	rta	23772	24072	24072	24022
RTSHTERM	rta	23529	23829	23829	23779
RTSLEDEFAULT	rta	23249	23549	23549	23499
RTSLELENGTHERR	rta	23248	23548	23548	23498
RTSLEPROCERR	rta	23242	23542	23542	23492
RTSMASRT	da	21007	21307	21307	21257
RTSMFACUP	rta	23320	23620	23620	23570
RTSMNT	rta	23473	23773	23773	23723
RTSND_MSG_FL	rta	23457	23757	23757	23707
RTSNDTG1	rta	23819	24119	24119	24069
RTSNDTG2	rta	23820	24120	24120	24070
RTSPAWN1	rta	23628	23928	23928	23878
RTSPCHTRKG	rta	23910	24210	24210	24160
RTSPECRI	rta	23398	23698	23698	23648
RTST2VPIDB	rta	23678	23978	23978	23928
RTSTATC1	rta	23592	23892	23892	23842
RTSTATC2	rta	23593	23893	23893	23843
RTSTATH1	rta	23821	24121	24121	24071
RTSTATH2	rta	23822	24122	24122	24072
RTTAISP	rta	23870	24170	24170	24120
RTTDR_INV_INTVL	rta	23943	24243	-	-
RTTDR_RTI	rta	23950	24250	-	-
RTTDR_TP	rta	23941	24241	-	-
RTTDR_UXMSG	rta	23942	24242	-	-
RTTEPUCLMA	rta	23478	23778	23778	23728
RTTERM1SPP	rta	23622	23922	23922	23872
RTTERM2SPP	rta	23629	23929	23929	23879
RTTERM3SPP	rta	23632	23932	23932	23882
RTTERM4SPP	rta	23634	23934	23934	23884
RTTERM5SPP	rta	23636	23936	23936	23886
RTTERM6SPP	rta	23637	23937	23937	23887
RTTERM7SPP	rta	23638	23938	23938	23888
RTTERM8SPP	rta	23633	23933	23933	23883
RTTERM9SPP	rta	23635	23935	23935	23885
RTTERMG1	rta	23616	23916	23916	23866
RTTG	rta	23314	23614	23614	23564
RTTG2ATT	rta	23531	23831	23831	23781
RTTG_CF	rta	23525	23825	23825	23775
RTTGEOANSFG	rta	23939	24239	24239	-
RTTGFACTMISSING	rta	23935	24235	24235	24185
RTTGLTM	rta	23930	24230	24230	24180
RTTKBSY1	rta	23706	24006	24006	23956
RTTKBSY2	rta	-	-	24007	23957
RTTKFST1	rta	23728	24028	24028	23978
RTTKHNT1	rta	23708	24008	24008	23958

RTTKHNT2	rta	23709	24009	24009	23959
RTTKIDL1	rta	23724	24024	24024	23974
RTTKMEM1	rta	23705	24005	24005	23955
RTTKQCN1	rta	23725	24025	24025	23975
RTTKQMS1	rta	23729	24029	24029	23979
RTTKQSL1	rta	23726	24026	24026	23976
RTTKQUP1	rta	23730	24030	24030	23980
RTTKSBHT	rta	23773	24073	24073	24023
RTTKSPR1	rta	23710	24010	24010	23960
RTTMBLIST	rta	23536	23836	23836	23786
RTTMBLT	rta	23203	23503	23503	23453
RTTMDSC1	rta	23699	23999	23999	23949
RTTMINT1	rta	23701	24001	24001	23951
RTTMMMSG1	rta	23614	23914	23914	23864
RTTMMMSG2	rta	23615	23915	23915	23865
RTTMPPORTCOND	rta	23441	23741	23741	23691
RTTMPST1	rta	23700	24000	24000	23950
RTTMT_DBRDFL	rta	23499	23799	23799	23749
RTTODAM1	rta	23574	23874	23874	23824
RTTODSM1	rta	23575	23875	23875	23825
RTTRACSRC	rta	23689	23989	23989	23939
RTTREE_BLF	rta	23330	23630	23630	23580
RTTRIGWL	rta	23576	23876	23876	23826
RTTRMFEAT	rta	23564	23864	23864	23814
RT_TSMBADMSG	rta	23945	24245	24245	-
RTTSMBTN	rta	23949	24249	24249	-
RTTSMTRING	rta	23944	24244	24244	-
RTUCLPMP	rta	23532	23832	23832	23782
RTUEXP_RET	rta	23502	23802	23802	23752
RTUEXP_SFG	rta	23936	24236	24236	24186
RTUNBATERR	rta	23670	23970	23970	23920
RTUNKMFIL	rta	23465	23765	23765	23715
RTUNKORIG	rta	23463	23763	23763	23713
RTUNKSTAT	rta	23464	23764	23764	23714
RTUNKWN_MSG	rta	23421	23721	23721	23671
RTUPDHKYS	rta	23674	23974	23974	23924
RTUPER1	rta	23744	24044	24044	23994
RTUPER2	rta	23745	24045	24045	23995
RTUPIOOR	rta	23774	24074	24074	24024
RTUPLAMP	rta	23604	23904	23904	23854
RTUPUCBS	rta	23775	24075	24075	24025
RTWBTBLOCK	rta	23680	23980	23980	23930
RT_WRONGMSG	rta	23534	23834	23834	23784
RTWRONG_RET	rta	23535	23835	23835	23785
RTWSFCERR	rta	23925	24225	24225	24175
RTWSFSV	rta	23924	24224	24224	24174
RVLMSART	da	20970	21270	21270	21220
RVSMASRT	da	20971	21271	21271	21221

4.45 MNEMONIC INDEX: SOLMASRT - SMAUTPRM

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SOLMASRT	da	21006	21306	21306	21256
S0SMASRT	da	21005	21305	21305	21255
S7SMASRT	da	21080	21380	21380	21330
SBSMASRT	da	20990	21290	21290	21240
SCLMASRT	da	20935	21235	21235	21185
SCSMASRT	da	20938	21238	21238	21188
SDLMASRT	da	21062	21362	21362	21312
SDSMASRT	da	21061	21361	21361	21311
SES_0_ASRT	as	20000	20000	20000	20000
SES_1_ASRT	as	20001	20001	20001	20001
SES_2_ASRT	as	20002	20002	20002	20002
	op	-	-	-	-
SES_3_ASRT	as	20003	20003	20003	20003
SES_4_ASRT	as	20004	20004	20004	20004
SES_5_ASRT	as	20005	20005	20005	20005
SES_6_ASRT	as	20006	20006	20006	20006
SES_7_ASRT	as	20007	20007	20007	20007
SESMASRT	da	21100	21400	21400	-
SIACKINTF	upump	43487	44087	44087	-

SIALOCFAIL	daim	781	781	781	781
SIAMDWFAIL	daim	779	779	779	779
SIAPPLPARAM	daim	769	769	769	769
SIATAUD	daim	949	949	949	949
SIAUBDMS	si	24300	24600	24600	24550
SIBADCKT	upump	43465	44065	44065	44065
SIBADCMD	upump	43450	44050	44050	44050
SIBADGRWREQ	psi	41964	42564	42564	42564
SIBADIMG	upump	43462	44062	44062	44062
SIBADINDX	upump	43451	44051	44051	44051
SIBADODRID	psi	41965	42565	42565	42565
SIBADOPTYPE	opsp	28299	28599	28599	28449
SIBADPARAM	daim	784	784	784	784
SIBADPHTYPE	upump	43489	44089	44089	44089
SIBADPIDB	upump	43488	44088	44088	44088
SIBADPT	upump	43466	44066	44066	44066
SIBADRET	sipp	43611	44211	44211	44211
SIBADSMADD	upump	43452	44052	44052	44052
SIBADTBL	sipp	43569	44169	44169	-
SIBADTTY	daim	787	787	787	787
SIBADUNIT	si	24485	24785	24785	-
SIBDAPIID	daim	742	742	742	742
SIBIN_TYPE	daim	703	703	703	703
SIBMS_TYPE	daim	702	702	702	702
SIBOSTCODE	daim	745	745	745	745
SIBSI_TYPE	daim	705	705	705	705
SIBTYPE	daim	706	706	706	706
SICCAK	upump	43474	44074	44074	44074
SICCBDRY	upump	43470	44070	44070	44070
SICCFMBX	upump	43472	44072	44072	44072
SICCFRST	upump	43469	44069	44069	44069
SICCHFL	upump	43476	44076	44076	44076
SICCIMBX	upump	43471	44071	44071	44071
SICCKPCB	upump	43477	44077	44077	44077
SICCNCMP	upump	43475	44075	44075	44075
SICSTAT	upump	43473	44073	44073	44073
SICMDINTF	upump	43460	44060	44060	-
SICONFIGFAIL	daim	774	774	774	774
SIDBRDERR	daim	792	792	792	792
SIDDFAIL	si	24319	24619	24619	24569
SIDDRDERR	daim	793	793	793	793
SIDDWERR	daim	759	759	759	759
SIESCPMP	upump	43468	44068	44068	44068
SIFASRTMSG	daim	709	709	709	709
SIFAULTED	daim	715	715	715	715
SIFLASHUPD	si	24339	24639	24639	24589
SIFLOWERR	daim	786	786	786	786
SIFPSPBADREA	si	24534	24834	24834	24784
SIFPTPBADREA	si	24535	24835	24835	24785
SIGLCLOFFSET	si	24630	24930	24930	24880
SIHMOUTFAIL	doff	2804	2804	2804	2804
SIHSCERRLD	upump	43495	44095	-	-
SIHSCNFEA	upump	43456	44056	44056	44056
SIHSCNOMAT	upump	43455	44055	44055	44055
SIHSCOVFLW	sipp	43598	44198	44198	44198
SIHSCSTAT	upump	43492	44092	44092	-
SIIMBDMS	si	24302	24602	24602	24552
SIIMMSLG	si	24309	24609	24609	24559
SIIMWPINV	si	24536	24836	24836	24786
SIINBDMS	si	24301	24601	24601	24551
SIINITERRLD	upump	43496	44096	-	-
SIINITFAIL	doff	2800	2800	2800	2800
SIINMSLG	si	24307	24607	24607	24557
SIINVEV	daim	700	700	700	700
SIINVINIT	daim	768	768	768	768
SIINVMMSG	daim	770	770	770	770
SIINVOSTFAIL	daim	776	776	776	776
SIINVREQINIT	daim	758	758	758	758
SIINVRET	daim	773	773	773	773
SIJMP2ERRLD	upump	43493	44093	-	-
SIJMP3ERRLD	upump	43494	44094	-	-
SI_KLOCK	daim	737	737	737	737

SIMGTPBADREA	psi	41966	42566	42566	42566
SIMGTPCREATE	si	24707	25007	25007	24957
SIMGTPINVMMSG	psi	41967	42567	42567	42567
SIMGTPTIMEOUT	psi	41968	42568	42568	42568
SINIPINVODRID	opsp	28300	28600	28600	28450
SINOBCRESET	doff	2802	2802	2802	2802
SINOFEAPMP	upump	43454	44054	44054	44054
SINOIMAGE	upump	43491	44091	44091	44091
SINOLGRESET	doff	2803	2803	2803	2803
SINOMATPMP	upump	43453	44053	44053	44053
SINOTSKBLK	daim	790	790	790	790
SINOUIT	upump	43458	44058	44058	44058
SIOALLOCRTN	psi	41969	42569	42569	42569
SIOATYP	si	24600	24900	24900	24850
SIOCBDMs	si	24303	24603	24603	24553
SIOCMsLG	si	24311	24611	24611	24561
SIODSFAIL	si	24512	24812	24812	24762
SIOFLBAD	opsp	28292	28592	28592	28442
SIOLAOOR	psi	41970	42570	42570	42570
SIOLEOOR	psi	41971	42571	42571	42571
SIOlimHOG	si	24698	24998	24998	24948
SIOlinoOR	si	24688	24988	24988	24938
SIOlPHOOR	psi	41972	42572	42572	42572
SIOM1	psi	41976	42576	42576	-
	si	-	-	24937	-
SIOM2	psi	41977	42577	42577	-
	si	-	-	24958	-
SIOM3	psi	41978	42578	42578	-
	si	-	-	24959	-
SIOM4	psi	41979	42579	42579	-
	si	-	-	24960	-
SIOM5	psi	41980	42580	42580	-
	si	-	-	24961	-
SIOMTDBERR	si	24526	24826	24826	24776
SIOPBBUSY	opsp	28281	28581	28581	28431
SIOPBFINIT	opsp	28284	28584	28584	28434
SIOPBFMP	opsp	28285	28585	28585	28435
SIOPBREADY	opsp	28282	28582	28582	28432
SIOPBSETUP	opsp	28283	28583	28583	28433
SIOPDBBAD	opsp	28295	28595	28595	28445
SIOPDDFAIL	opsp	28293	28593	28593	28443
SIOPHBO	psi	41973	42573	42573	42573
SIOPHNLI	psi	41974	42574	42574	42574
SIOPHSRGBAD	opsp	28289	28589	28589	28439
SIOPINVCC	opsp	28286	28586	28586	28436
SIOPINVKEY	opsp	28276	28576	28576	28426
SIOPINVREAS	opsp	28277	28577	28577	28427
SIOPINVSTATE	opsp	28280	28580	28580	28430
SIOPMSGID	opsp	28288	28588	28588	28438
SIOPPRSTATE	opsp	28290	28590	28590	28440
SIOPREQTYPINV	opsp	28297	28597	28597	28447
SIOPRNGFAIL	opsp	28294	28594	28594	28444
SIOPSMFAIL	opsp	28275	28575	28575	28425
SIOPUNMSG	opsp	28279	28579	28579	28429
SIOPWMFAIL	opsp	28278	28578	28578	28428
SIOUPMPNL	psi	41975	42575	42575	42575
SIOVRSTIMER	daim	785	785	785	785
SIPH3SETUP	upump	43497	44097	-	-
SIPHBDRY	upump	43483	44083	44083	44083
SIPHBUF	upump	43485	44085	44085	44085
SIPHCODE	upump	43486	44086	44086	44086
SIPHDATAAMP	upump	43490	44090	44090	44090
SIPHFLG	upump	43484	44084	44084	44084
SIPHFRST	upump	43481	44081	44081	44081
SIPHrDBF	upump	43482	44082	44082	44082
SIPIBDRY	upump	43478	44078	44078	44078
SIPIHFL	upump	43479	44079	44079	44079
SIPIRNFEA	upump	43464	44064	44064	44064
SIPIRNOMAT	upump	43463	44063	44063	44063
SIPIRSTF	upump	43480	44080	44080	44080
SIQMFAIL	daim	782	782	782	782
SISENDL	upump	43467	44067	44067	44067

SISMASRT	da	21124	-	-	-
SISMBADSTAT	upump	43459	44059	44059	-
SISMESTFL	si	24494	24794	-	-
SISMKPFAIL	daim	791	791	791	791
SITADDRES	daim	751	751	751	751
SITADDTSK	daim	749	749	749	749
SITERMREAS	opsp	28296	28596	28596	28446
SITINITFAIL	daim	750	750	750	750
SITINITTIMEOUT	daim	757	757	757	757
SITMRINACT	daim	777	777	777	777
SITMROVFLOW	daim	778	778	778	778
SITMSGBUF	daim	747	747	747	747
SITMSGQUE	daim	748	748	748	748
SITPRMBUF	daim	752	752	752	752
SITPRMQUE	daim	753	753	753	753
SITRESET	daim	755	755	755	755
SITTSKACT	daim	754	754	754	754
SITTSKTYP	daim	756	756	756	756
SITYBDEV	sipp	43580	44180	44180	44180
SITYBDMS	sipp	43581	44181	44181	44181
SITYRERR	sipp	43579	44179	44179	44179
SITYRESET	sipp	43578	44178	44178	44178
SIUNCONDFAIL	daim	775	775	775	775
SIUNXPMSG	doff	2801	2801	2801	2801
SIUNXSMSG	doff	2805	2805	2805	2805
SIUPPIOS	upump	43461	44061	44061	44061
SIWAITER	si	24304	24604	24604	24554
SIZAPINIT	si	24718	25018	25018	24968
SIZAPRNGERR	si	24717	25017	25017	24967
SLSMASRT	da	21056	21356	21356	21306
SM2KACC_FLT	smim	25383	25683	25683	-
SM2KMMUERR	smim	25254	25554	25554	25504
SM2MH_CMER	smim	25266	25566	25566	25516
SM2MH_HSHE	smim	25313	25613	25613	25563
SM2WAYTMS	smkp	26345	26645	26645	26495
SM7SK_Q_ERR	dsmkp	7	7	7	7
SM54BADACK	dsmkp	54	54	54	54
SM60BADMSG	dsmkp	60	60	60	60
SMABTREQ	smim	24917	25217	25217	25167
SMACTFLD	smim	25007	25307	25307	25257
SMACTSPRFL	smim	25146	25446	25446	25396
SMALLNOTDONE	smim	25029	25329	25329	25279
SMARBARG	smkp	25781	26081	26081	25931
SMARBDON	smkp	25796	26096	26096	25946
SMARBETY	smkp	25793	26093	26093	25943
SMARBRET	smkp	25782	26082	26082	25932
SMARBRSN	smkp	25780	26080	26080	25930
SMARBSND	smkp	25799	26099	26099	25949
SMARQDAT	smkp	25794	26094	26094	25944
SMARSSPT	smkp	25795	26095	26095	25945
SMASDFRA	smim	24910	25210	25210	25160
SMATDISERR	smim	25186	25486	25486	25436
SMATENERR	smim	25187	25487	25487	25437
SMATHWCONFIG	smim	25188	25488	25488	25438
SMATONLD	smim	25189	25489	25489	25439
SMATRMVTSI	smim	25220	25520	25520	25470
SMAUBADT	dsmkp	155	155	155	155
SMAUBERR	dsmkp	151	151	151	151
SMAUBINT	dsmkp	150	150	150	150
SMAUBMSG	dsmkp	159	159	159	159
SMAUBREQ	dsmkp	158	158	158	158
SMAUBRMU	dsmkp	154	154	154	154
SMAUBRST	dsmkp	153	153	153	153
SMAUBSDE	dsmkp	160	160	160	160
SMAUBSNT	dsmkp	170	170	170	170
SMAUBSTA	dsmkp	169	169	169	169
SMAUBSWT	dsmkp	152	152	152	152
SMAUBTYM	dsmkp	168	168	168	168
SMAUBTYP	dsmkp	157	157	157	157
SMAUCLK	dsmkp	156	156	156	156
SMAURFLK	dsmkp	167	167	167	167
SMAURTER	dsmkp	166	166	166	166

SMAUTADT	dsmkp	163	163	163	163
SMAUTLNK	dsmkp	162	162	162	162
SMAUTOINHERR	smim	25028	25328	25328	25278
SMAUTPRM	dsmkp	165	165	165	165

4.46 MNEMONIC INDEX: SMBACTYPE - SMC_RCLMAP

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMBACTYPE	dsmkp	52	52	52	52
SMBAD1DBRET	smim	25257	25557	25557	25507
SMBAD2DBRET	smim	25258	25558	25558	25508
SMBAD3DBRET	smim	25259	25559	25559	25509
SMBADACK	dsmkp	26	26	26	26
SMBADACT	smim	24922	25222	25222	25172
SMBADACTTMS	smkp	26342	26642	26642	26492
SMBADCISCAN	smim	25166	25466	25466	25416
SMBADCONN	smpp	44619	45219	45219	45019
SMBADDBRET	smim	24900	25200	25200	25150
SMBAD_DX	smim	25267	25567	25567	25517
SMBADÉPICMD	smim	25122	25422	25422	25372
SMBAD_ENTRY	smim	25268	25568	25568	25518
SMBADFLTTYPE	smim	24907	25207	25207	25157
SMBADFUMODE	smim	25269	25569	25569	25519
SMBADHWCGIMG	smim	25395	25695	25695	-
SMBADHWCGMXCH	smim	25396	25696	25696	-
SMBADINPUT	smim	24903	25203	25203	25153
SMBADMCSTATE	smim	25062	25362	25362	25312
SMBADMRA_ACK	smim	25043	25343	25343	25293
SMBADMSG	dsmkp	50	50	50	50
SMBADMSGTYPE	smim	24902	25202	25202	25152
SMBADNEQTMS	smkp	26349	26649	26649	26499
SMBADODD	dsmkp	314	314	-	-
	smkp	-	-	-	-
SMBADPAR	dsmkp	51	51	51	51
	smim	25354	25354	25304	-
SMBADPARAM	smpp	44618	45218	45218	45018
SMBADPCD	dsmkp	62	62	62	62
SMBADPSUCA	smpp	44621	45221	45221	45021
SMBADQPIPEODD	smim	25348	25648	25648	25598
SMBADRDFI	smim	25160	25460	25460	25410
SMBADREASON	smkp	26602	-	-	-
SMBADSDFISEL	smim	25162	25462	25462	25412
SMBAD_SP	smim	25262	25562	25562	25512
SMBADSPUSE	smim	25280	25580	25580	25530
SMBADTIMER	smim	25057	25357	25357	25307
SMBADTMSFUNC	smkp	26343	26643	26643	26493
SMBAD_TOUT	dsmkp	11	11	11	11
SMBADTRCU3SU	smim	25424	25724	-	-
SMBADUNIT	smim	24904	25204	25204	25154
SMBAD_UNIT	smpp	44648	45248	45248	45048
SMBADUNITTMS	smkp	26344	26644	26644	26494
SMBAD_USTATE	dsmkp	17	17	17	17
SMBADUTYPE	smim	24901	25201	25201	25151
SMBADhHMMMSG	dsmkp	85	85	85	85
SMBDCALL	dsmkp	63	63	63	63
SMBDCAST	smim	25363	25663	25663	25613
SMBDINCV	dsmkp	103	103	103	103
SMBDLNKGRP	smim	25218	25518	25518	25468
SMBDMSTYP	dsmkp	61	61	61	61
SMBDSHLFDTBL	smim	25198	25498	25498	25448
SMBGNTRN	smim	25002	25302	25302	25252
SMBGSELMT	smim	25337	25637	25637	25587
SMBGSELNLI	smim	25335	25635	25635	25585
SMBGSELOC	smim	25336	25636	25636	25586
SMC5DBNOK	smkp	25626	25926	25926	25776
SMC5DETIME	smkp	25618	25918	25918	25768
SMC5ELGTH	smkp	25620	25920	25920	25770
SMC5ELOOP	smkp	25609	25909	25909	25759
SMC5EPROC	smkp	25621	25921	25921	25771
SMC5FEXEC	smkp	25642	25942	25942	25792
SMC5IABT	smkp	25615	25915	25915	25765

SMC5IBACK	smkp	25624	25924	25924	25774
SMC5IBLK	smkp	25619	25919	25919	25769
SMC5IBNR	smkp	25623	25923	25923	25773
SMC5ICHID	smkp	25640	25940	25940	25790
SMC5IDREAS	smkp	25610	25910	25910	25760
SMC5IDRID	smkp	25607	25907	25907	25757
SMC5IDTCC	smkp	25608	25908	25908	25758
SMC5IEARG	smkp	25601	25901	25901	25751
SMC5IEQID	smkp	25625	25925	25925	25775
SMC5IEREAS	smkp	25600	25900	25900	25750
SMC5IEVMSG	smkp	25611	25911	25911	25761
SMC5IFPC	smkp	25612	25912	25912	25762
SMC5IMSG	smkp	25613	25913	25913	25763
SMC5IMSTY	smkp	25602	25902	25902	25752
SMC5IMTAG	smkp	25606	25906	25906	25756
SMC5IRCV	smkp	25604	25904	25904	25754
SMC5ISMTHD	smkp	25641	25941	25941	25791
SMC5ISND	smkp	25622	25922	25922	25772
SMC5ITIMER	smkp	25639	25939	25939	25789
SMC5ITRNG	smkp	25616	25916	25916	25766
SMC5MSTE	smkp	25603	25903	25903	25753
SMC5NOMBUF	smkp	25605	25905	25905	25755
SMC5NOTCC	smkp	25617	25917	25917	25767
SMC5STRAY	smkp	25614	25914	25914	25764
SMC5TCLC	smkp	25636	25936	25936	25786
SMC5TDLI	smkp	25635	25935	25935	25785
SMC5TDRVR	smkp	25638	25938	25938	25788
SMC5TFPC	smkp	25628	25928	25928	25778
SMC5TIIA	smkp	25637	25937	25937	25787
SMC5TLI	smkp	25632	25932	25932	25782
SMC5TMI	smkp	25633	25933	25933	25783
SMC5TMMP	smkp	25630	25930	25930	25780
SMC5TMSC	smkp	25627	25927	25927	25777
SMC5TNC	smkp	25631	25931	25931	25781
SMC5TPIP	smkp	26236	26536	26536	26386
SMC5TPPC	smkp	25629	25929	25929	25779
SMC5TQGP	smkp	25649	25949	25949	25799
SMC5TQLC	smkp	25648	25948	25948	25798
SMC5TTMS	smkp	25634	25934	25934	25784
SMCANTSEND	smim	25042	25342	25342	25292
SMC_CMRCCLMAP	smim	25217	25517	25517	25467
SMC_DBCDFI_MAP	smim	25204	25504	25504	25454
SMC_DBCLIDAT	smim	25202	25502	25502	25452
SMC_DBMATATT	smim	25203	25503	25503	25453
SMC_DBSMEST	smim	25205	25505	25505	25455
SMC_DBWSMEST	smim	25206	25506	25506	25456
SMC_DDERR	smim	25216	25516	25516	25466
SMCDFIMAP	smim	25190	25490	25490	25440
SMC_EVDDL	smim	25215	25515	25515	25465
SMCHDBRSM	smim	25078	25378	25378	25328
SMCIERRT	smim	24912	25212	25212	25162
SMCILBLCL	dsmkp	13	13	13	13
SMC_INITREA	smim	25207	25507	25507	25457
SMCKTDATFAIL	smim	25163	25463	25463	25413
SMCKTINDXNM	smim	25234	25534	25534	25484
SMCKT_NAMENM	smim	25233	25533	25533	25483
SMCKTNUMNM	smim	25235	25535	25535	25485
SMCKTRCLK	smim	24911	25211	25211	25161
SMCLACKMSG	smkp	25885	26185	26185	26035
SMCLBADLK	smkp	25891	26191	26191	26041
SMCLBADMSG	smkp	25908	26208	26208	26058
SMCLBADSRC	smkp	25890	26190	26190	26040
SMCLBIMO	smkp	25919	26219	26219	26069
SMCLBIMS	smkp	25918	26218	26218	26068
SMCLBNMSG	smkp	25896	26196	26196	26046
SMCLBOSRT	smkp	25895	26195	26195	26045
SMCLBRMV	smkp	25915	26215	26215	26065
SMCLBRST	smkp	25916	26216	26216	26066
SMCLCADMSG	smkp	25883	26183	26183	26033
SMCLCADRTN	smkp	25884	26184	26184	26034
SMCLCINVAL	smkp	25909	26209	26209	26059
SMCLDB1	smkp	25904	26204	26204	26054

SMCLDB2	smkp	25905	26205	26205	26055
SMCLDB3	smkp	25906	26206	26206	26056
SMCLDB4	smkp	25907	26207	26207	26057
SMCLDB8	smkp	25877	26177	26177	26027
SMCLDBO	smkp	25903	26203	26203	26053
SMCLDD1	smkp	25876	26176	26176	26026
SMCLDDREAD	smkp	25938	26238	26238	26088
SMCLDELTIM	smkp	25922	26222	26222	26072
SMCLDMAMMSG	smkp	25881	26181	26181	26031
SMCLEIMMSG	smkp	25931	26231	26231	26081
SMCLER10	smim	25253	25553	25553	25503
SMCLER11	smim	25255	25555	25555	25505
SMCLER12	smim	25256	25556	25556	25506
SMCLERR1	smim	25022	25322	25322	25272
SMCLERR2	smim	25023	25323	25323	25273
SMCLERR3	smim	25024	25324	25324	25274
SMCLERR4	smim	25025	25325	25325	25275
SMCLERR5	smim	25026	25326	25326	25276
SMCLERR6	smim	25249	25549	25549	25499
SMCLERR7	smim	25250	25550	25550	25500
SMCLERR8	smim	25251	25551	25551	25501
SMCLERR9	smim	25252	25552	25552	25502
SMCLERRMSG	smkp	25932	26232	26232	26082
SMCLERROR	smim	24916	25216	25216	25166
SMCLESEND	smkp	25926	26226	26226	26076
SMCLEWAIT	smkp	25925	26225	26225	26075
SMCLFPCMSG	smkp	25900	26200	26200	26050
SMCLICADTMOUT	smkp	25927	26227	26227	26077
SMCLIDATDB	smim	25193	25493	25493	25443
SMCLIIAREQ	smkp	25888	26188	26188	26038
SMCLIM	smkp	25892	26192	26192	26042
SMCLINERR	smkp	25917	26217	26217	26067
SMCLINVAL	smkp	25886	26186	26186	26036
SMCLINVPAR	smkp	25923	26223	26223	26073
SMCLINVSM	smkp	25893	26193	-	-
SMCLISOL	smkp	-	-	26193	26043
SMCLKFAIL	smkp	26013	26313	26313	26163
SMC_LLATAB	smim	25211	25511	25511	25461
SMCLMANDONE	smkp	25880	26180	26180	26030
SMCLMANMSG	smkp	25879	26179	26179	26029
SMCLMMPMSG	smkp	25899	26199	26199	26049
SMCLMSFAIL	smkp	25937	26237	26237	26087
SMCLMSKP	smkp	25889	26189	26189	26039
SMCLMSMSG	smkp	25901	26201	26201	26051
SMCLMSRET	smkp	25910	26210	26210	26060
SMCLNINVAL	smkp	25894	26194	26194	26044
SMCLNKNUMINV	smim	25329	25629	25629	25579
SMCLNMBM	smkp	25898	26198	26198	26048
SMCLNMTYP	smkp	25897	26197	26197	26047
SMCLNOMSG	smkp	25930	26230	26230	26080
SMCLNORMREQ	smkp	25882	26182	26182	26032
SMCLNOTCLNC	smkp	25887	26187	26187	26037
SMCLNOTINIT	smkp	25875	26175	26175	26025
SMCLNOTYPE	smkp	25936	26236	26236	26086
SMCLPREF	smkp	25878	26178	26178	26028
SMCLREASON	smkp	25924	26224	26224	26074
SMCLREQFAIL	smkp	25928	26228	26228	26078
SMCLRS3LNK	smkp	25950	26250	26250	26100
SMCLRSBMMP	smkp	25947	26247	26247	26097
SMCLRSBONTC	smkp	25949	26249	26249	26099
SMCLRSDDFL	smkp	25952	26252	26252	26102
SMCLRSEND	smkp	25935	26235	26235	26085
SMCLRSMO	smkp	25953	26253	26253	26103
SMCLRSMTT	smkp	25951	26251	26251	26101
SMCLRSPC	smkp	25948	26248	26248	26098
SMCLSMIF	smkp	25946	26246	26246	26096
SMCLSDN1	smkp	25902	26202	26202	26052
SMCLSSPE	smkp	25933	26233	26233	26083
SMCLSSPMSG	smkp	25921	26221	26221	26071
SMCLSSPOOS	smkp	25945	26245	26245	26095
SMCLSSPTYPE	smkp	25934	26234	26234	26084
SMCLSSPUNIT	smkp	25939	26239	26239	26089

SMCLTMSIDE	smkp	25920	26220	26220	26070
SMCLWGET	smkp	25929	26229	26229	26079
SMCLWRAC	smkp	25913	26213	26213	26063
SMCLWRSORC	smkp	25911	26211	26211	26061
SMCLWRTYPE	smkp	25914	26214	26214	26064
SMCLWRUNIT	smkp	25912	26212	26212	26062
SMCMKPCLOF	dsmkp	311	311	311	311
SMCMKPNOACK	dsmkp	297	297	297	297
SMCMKPOPNF	dsmkp	310	310	310	310
SMCMOPFAIL	dsmkp	22	22	22	22
SMCNBSTE	smim	24924	25224	25224	25174
SMCNDB0	smim	24918	25218	25218	25168
SMCNDB1	smim	24919	25219	25219	25169
SMCNDB2	smim	24920	25220	25220	25170
SMCNDB3	smim	24921	25221	25221	25171
SMCNDB4	smim	24923	25223	25223	25173
SMCNOPORT	dsmkp	16	16	16	16
SMC_NRCLMAP	smim	25212	25512	25512	25462
SMCNTDGN	dsmkp	283	283	283	283
SMCONAP	dsmkp	64	64	64	64
SMCONNMSGBAD	smpp	44620	45220	45220	45020
SMC_ODSRET	smim	25209	25509	25509	25459
SMCPIDDWRT	smim	25123	25423	25423	25373
SMCPRCSP	dsmkp	27	27	27	27
SMCRBEND	smim	24963	25263	25263	25213
	smpp	45181	45181	44981	-
SMC_RCLMAP	smim	25213	25513	25513	25463

4.47 MNEMONIC INDEX: SMCRCLOB - SMFPCNSRC

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMCRCLOB	smim	24959	25259	25259	25209
SMCRCOUNT	smim	24961	25261	25261	25211
	smpp	45179	45179	44979	-
SMCREATE	smim	25006	25306	25306	25256
SMCRELEV	smim	24962	25262	25262	25212
SMCRFORE	smim	25182	25482	25482	25432
	smpp	45177	45177	44977	-
SMCRIT_VIOL	dsmkp	14	14	14	14
SMCRLEVEL	smim	24960	25260	25260	25210
	smpp	45178	45178	44978	-
SMCRNOBEG	smim	24996	25296	25296	25246
	smpp	45180	45180	44980	-
SMCRNULK	smim	25181	25481	25481	25431
	smpp	45175	45175	44975	-
SMC_SRC	smim	25214	25514	25514	25464
SMCSWFLT	dsmkp	28	28	28	28
SMC_TIMER	smim	25210	25510	25510	25460
SMC_UNKMSG	smim	25208	25508	25508	25458
SMDBADERRTYPE	smim	25219	25519	25519	25469
SMDBCTSTMS	smkp	26346	26646	26646	26496
SMDBEQTMS	smkp	26352	26652	26652	26502
SMDBFLT	smim	25001	25301	25301	25251
SMDBFLT1	smim	24908	25208	25208	25158
SMDBFLT2	smim	24909	25209	25209	25159
SMDBFLT3	smim	25366	25666	25666	25616
SMDBFLT4	smim	25367	25667	25667	25617
SMDBFLT5	smim	25368	25668	25668	25618
SMDBFLT6	smim	25369	25669	25669	25619
SMDBLNKTMS	smkp	26357	26657	26657	26507
SMDC5BP	smim	25225	25525	25525	25475
SMDC5RLSTI	smim	25227	25527	25527	25477
SMDC5TIDB	smim	25226	25526	25526	25476
SMDCCOUNT	smim	25039	25339	25339	25289
SMDCERTYPE	smim	25041	25341	25341	25291
SMDCILRCVY	smim	25040	25340	25340	25290
SMDCLFRBAD	smim	25140	25440	25440	25390
SMDCLIRQ	smim	25142	25442	25442	25392
SMDCLNOCC	smim	25139	25439	25439	25389
SMDCLPARM	smim	25141	25441	25441	25391
SMDCLPICB	smim	25382	25682	25682	-

SMDCLRSMEST	smim	25144	25444	25444	25394
SMDCLU1PFR	smim	25164	25464	25464	25414
SMDCLUBASE	smim	25185	25485	25485	25435
SMDCLUICT	smim	25167	25467	25467	25417
SMDDL_SEND	smim	25113	25413	25413	25363
SMDDRHWCK	smim	25032	25332	25332	25282
SMDDRQLPS	smkp	25656	25956	25956	25806
SMDDWTHWCK	smim	25031	25331	25331	25281
SMDEBUG1	smim	25241	25541	25541	25491
SMDEBUG2	smim	25245	25545	25545	25495
SMDFQOSCHK	smim	25439	-	-	-
SMDFRERR	smkp	25798	26098	26098	25948
SMDFUNLKTS	smim	25061	25361	25361	25311
SMDIVZERO	smkp	26601	-	-	-
SMDLCTBDATA	dmsdrv	1638	1638	1638	1638
SMDLCT_FULL	dmsdrv	1579	1579	1579	1579
SMDLCT_HUNG	dmsdrv	1582	1582	1582	1582
SMDLDEIB	dmsdrv	1384	1384	1384	1384
SMDLDSL	smim	25232	25532	25532	25482
SMDLER_CLOSE	dmsdrv	1574	1574	1574	1574
SMDLER_GROW	dmsdrv	1578	1578	1578	1578
SMDLER_OPEN	dmsdrv	1576	1576	1576	1576
SMDLER_READ	dmsdrv	1577	1577	1577	1577
SMDLER_SHRINK	dmsdrv	1575	1575	1575	1575
SMDLIANA	smkp	26406	26706	26706	26556
SMDLIAUTISS	smkp	26407	26707	26707	26557
SMDLIDDDATA	smkp	26413	26713	26713	26563
SMDLIMODDATA	smkp	26410	26710	26710	26560
SMDLIMSG	smkp	26412	26712	26712	26562
SMDLINDEX_NG	dmsdrv	1567	1567	1567	1567
SMDLI_READ	smkp	26403	26703	26703	26553
SMDLIREASON	smkp	26411	26711	26711	26561
SMDLI_SIDE	smkp	26405	26705	26705	26555
SMDLISMNO	smkp	26408	26708	26708	26558
SMDLIUNIT	smkp	26409	26709	26709	26559
SMDLIWRITE	smkp	26404	26704	26704	26554
SMDLLASTST_NG	dmsdrv	1584	1584	1584	1584
SMDLMSG_LOST	dmsdrv	1571	1571	1571	1571
SMDLMSGPTR_NG	dmsdrv	1572	1572	1572	1572
SMDLNEQ_ODD	dmsdrv	1580	1580	1580	1580
SMDLNG_ODD	dmsdrv	1581	1581	1581	1581
SMDLNOTIMER	dmsdrv	1569	1569	1569	1569
SMDLRET_NG	dmsdrv	1586	1586	1586	1586
SMDLSMSG_FAIL	dmsdrv	1570	1570	1570	1570
SMDLSTIMULI_NG	dmsdrv	1568	1568	1568	1568
SMDLWAIT_NG	dmsdrv	1585	1585	1585	1585
SMDLWDTOUT	dmsdrv	1573	1573	1573	1573
SMDMACTION	dsmkp	257	257	257	257
SMDMAMVRFERR	dsmkp	296	296	296	296
SMDMBADLOG	dsmkp	258	258	258	258
	smkp	26150	26150	26000	-
SMDMBADQREQ	dsmkp	275	275	275	275
SMDMCMKP	dsmkp	250	250	250	250
SMDMCONPORT	dsmkp	263	263	263	263
SMDMDDREAD	dsmkp	272	272	272	272
SMDMDLINF	dsmkp	274	274	274	274
SMDMETYPE	dsmkp	267	267	267	267
SMDMFRDTUP	dsmkp	264	264	264	264
SMDMGDOOR	dsmkp	255	255	255	255
SMDMILLID	dsmkp	259	259	259	259
	smkp	26151	26151	26001	-
SMDMINVDLI	dsmkp	254	254	254	254
SMDMINVUNIT	dsmkp	265	265	265	265
SMDMIPARM	dsmkp	273	273	273	273
SMDMMMSGEN	dsmkp	262	262	262	262
SMDMMSTYPE	dsmkp	256	256	256	256
SMDMNODSPY	dsmkp	261	261	261	261
SMDMNOTFND	dsmkp	266	266	266	266
SMDMODDFAIL	dsmkp	276	276	276	276
SMDMONCREATE	dsmkp	269	269	269	269
SMDMOUTMSG	dsmkp	251	251	251	251
SMDMPARAM	dsmkp	252	252	252	252

SMDMPASFAIL	dsmkp	277	277	277	277
SMDMQSEND	dsmkp	268	268	268	268
SMDMREADST	dsmkp	260	260	260	260
SMDMSCPCHK	dsmkp	253	253	253	253
SMDPAMSEND	smim	25066	25366	25366	25316
SMDPBCAST	smim	25077	25377	25377	25327
SMDPCREATE	smim	25072	25372	25372	25322
SMDPDDFAIL	smim	25075	25375	25375	25325
SMDPMISSING	smim	25068	25368	25368	25318
SMDPSMSEND	smim	25065	25365	25365	25315
SMDPTIMER	smim	25070	25370	25370	25320
SMDPTPSEND	smim	25074	25374	25374	25324
SMDPUPDFAIL	smim	25067	25367	25367	25317
SMDPWAIT	smim	25071	25371	25371	25321
SMDPWRONG	smim	25069	25369	25369	25319
SMDQLNKNUMINV	smim	25305	25605	25605	25555
SMDQLSINV	smim	25290	25590	25590	25540
SMDS2RCVY	smim	24975	25275	25275	25225
SMDSCOUNT	smim	24970	25270	25270	25220
SMDSCTYPE	smim	24974	25274	25274	25224
SMDSERTYPE	smim	24968	25268	25268	25218
SMDSILRCVY	smim	24967	25267	25267	25217
SMDSNEQIP	smim	24965	25265	25265	25215
SMDSNODSU	smim	24964	25264	25264	25214
SMDSNOPER	smim	24966	25266	25266	25216
SMDSOOS	smim	24971	25271	25271	25221
SMDSPDBATY	smim	24995	25295	25295	25245
SMDSTMNAME	smim	24976	25276	25276	25226
SMDSTMTTF	smim	24973	25273	25273	25223
SMDSTSI	smim	24972	25272	25272	25222
SMDSTTFSUB	smim	24977	25277	25277	25227
SMDSUINIT	smim	25173	25473	25473	25423
SMDSUTSSR	smim	24994	25294	25294	25244
SMEECDAP	dsmkp	68	68	68	68
SMEIBPING	dmsdrv	1385	1385	1385	1385
SMELACKFAIL	smim	25402	25702	25702	-
SMELACKTO	smim	25403	25703	25703	-
SMELBADIPNUM	smim	25421	25721	25721	-
SMELBADPTCNT	smim	25406	25706	25706	-
SMELBADRPTUNIT	smim	25418	25718	25718	-
SMELDATAACRPT	smpp	44655	45255	45255	-
SMELDATAINC	smim	25417	25717	25717	-
SMELDBESERV	smim	25413	25713	25713	-
SMELDBNOMEPIPE	smim	25414	25714	25714	-
SMELDBOORKEY	smim	25415	25715	25715	-
SMELFMHINIT	smim	25425	25725	25725	-
SMELINCREPT	smim	25420	25720	25720	-
SMELINVAURCVY	smim	25422	25722	25722	-
SMELINVDDTRAN	smim	25411	25711	25711	-
SMELINVELNKACT	smim	25405	25705	25705	-
SMELINVELNKST	smim	25401	25701	25701	-
SMELINVEPIPEACT	smim	25404	25704	25704	-
SMELINVEPIPESERV	smim	25427	25727	-	-
SMELINVEPIPEST	smim	25400	25700	25700	-
SMELINVEQUIP	smim	25437	25737	25737	-
SMELINVMELNK	smim	25398	25698	25698	-
SMELINVMETPIPE	smim	25397	25697	25697	-
SMELINVPTCNT	smpp	44652	45252	45252	-
SMELINVRET	smim	25416	25716	25716	-
SMELINVTO	smim	25436	25736	25736	-
SMELLOSTPTMR	smim	25438	25738	-	-
SMELMHINVCMD	smpp	44650	45250	45250	-
SMELMHINVELNK	smpp	44654	45254	45254	-
SMELMHINVEVENT	smpp	44653	45253	45253	-
SMELMHINVMDATA	smpp	44651	45251	45251	-
SMELMHINVMSG	smpp	44649	45249	45249	-
SMELPSSWMODE	smim	25412	25712	25712	-
SMELPSTINVDATA	smpp	44656	45256	45256	-
SMELSPINVMSG	smim	25399	25699	25699	-
SMELTCTCB	smim	25390	25690	25690	-
SMELTEXH	smim	25391	25691	25691	-
SMELTNEXP	smim	25392	25692	25692	-

SMELTSVEFULL	smim	25419	25719	25719	-
SMELTTCBC	smim	25426	25726	25726	-
SMELUMCST	smim	25423	25723	25723	-
SMELUXPEVELNK	smim	25409	25709	25709	-
SMELUXPEVEPIPE	smim	25410	25710	25710	-
SMELUXPMHEVENT	smim	25408	25708	25708	-
SMEQGP_RID	smpp	44609	45209	45209	45009
SMEQQLPSTG	smkp	25695	25995	25995	25845
SMEQSTIMTG	smkp	25679	25979	25979	25829
SMEQSTLNKTG	smkp	25691	25991	25991	25841
SMEQSTMPTG	smkp	25686	25986	25986	25836
SMERANGE	smkp	26026	26326	26326	26176
SMERBLKRES	smim	25100	25400	25400	25350
SMERCATTMS	smkp	26340	26640	26640	26490
SMERCSIM	dmsdrv	1383	1383	1383	1383
SMESTRET	smim	25178	25478	25478	25428
SMFABRSTMS	smkp	26355	26655	26655	26505
SMFACK	smkp	26075	26375	26375	26225
SMFAILREQ	dsmkp	285	285	285	285
SMFALREASON	smkp	26020	26320	26320	26170
SMFAUST	smkp	26076	26376	26376	26226
SMFBDACK	smkp	26074	26374	26374	26224
SMFBDCNT	smkp	26077	26377	26377	26227
SMFBDMSG	smkp	26073	26373	26373	26223
SMFBDOS	smkp	26078	26378	26378	26228
SMFDBRDFL	smim	25179	25479	25479	25429
SMFDLKFP	dmsdrv	1589	1589	1589	1589
SMFDLKMM	dmsdrv	1590	1590	1590	1590
SMFDLKMS	dmsdrv	1588	1588	1588	1588
SMFDLKPP	dmsdrv	1591	1591	1591	1591
SMFFEMPTY	smim	25279	25579	25579	25529
SMFFLIST	smim	25278	25578	25578	25528
SMFINV	smkp	26072	26372	26372	26222
SMFLXINC	smim	25349	25649	25649	25599
SMFOSND	smkp	26071	26371	26371	26221
SMFPAKCM	dmsdrv	1451	1451	1451	1451
SMFPBPMB	dmsdrv	1472	1472	1472	1472
SMFPC1SND	smkp	26084	26384	26384	26234
SMFPC2SND	smkp	26085	26385	26385	26235
SMFPCBMSGR	smkp	26082	26382	26382	26232
SMFPCCTO	smkp	26095	26395	26395	26245
SMFPCDDBAD	smkp	26123	26423	26423	26273
SMFPCDDUPDT	smkp	26097	26397	26397	26247
SMFPCINP	smkp	26092	26392	26392	26242
SMFPCINSIDE	smkp	26096	26396	26396	26246
SMFPCMNF	smkp	26091	26391	26391	26241
SMFPCMRR	smkp	26086	26386	26386	26236
SMFPCNOACT	smkp	26122	26422	26422	26272
SMFPCNOCH	smkp	25814	26114	26114	25964
SMFPCNSRC	dmsdrv	1473	1473	1473	1473

4.48 MNEMONIC INDEX: SMFPCOSWT - SMIQINST

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMFPCOSWT	smkp	26093	26393	26393	26243
SMFPCPCD	smkp	25813	26113	26113	25963
SMFPCPTO	smkp	26079	26379	26379	26229
SMFPCREA	smkp	26080	26380	26380	26230
SMFPCRTO	dmsdrv	1469	1469	1469	1469
SMFPCSWR	smkp	26094	26394	26394	26244
SMFPCSWR	smkp	26089	26389	26389	26239
SMFPCTIME	smkp	26121	26421	26421	26271
SMFPCMTMR	smkp	26090	26390	26390	26240
SMFPCWAIT	smkp	26083	26383	26383	26233
SMFPCWGET	smkp	26081	26381	26381	26231
SMFPCWMF	smkp	26087	26387	26387	26237
SMFPCWMT	smkp	26088	26388	26388	26238
SMFPDELT	dmsdrv	1454	1454	1454	1454
SMFPDEQM	dmsdrv	1455	1455	1455	1455
SMFPEQID	dmsdrv	1452	1452	1452	1452
SMFPERTM	dmsdrv	1465	1465	1465	1465

SMFPERTO	dmsdrv	1468	1468	1468	1468
SMFPHDMA	dmsdrv	1464	1464	1464	1464
SMFPHSER	dmsdrv	1462	1462	1462	1462
SMFPIPMB	dmsdrv	1471	1471	1471	1471
SMFPIVFLT	dmsdrv	1467	1467	1467	1467
SMFPMBDM	dmsdrv	1459	1459	1459	1459
SMFPMGB	dmsdrv	1450	1450	1450	1450
SMFPOVFM	dmsdrv	1457	1457	1457	1457
SMFPPICR	dmsdrv	1458	1458	1458	1458
SMFPQUEM	dmsdrv	1456	1456	1456	1456
SMFPRDST	dmsdrv	1460	1460	1460	1460
SMFPREQT	dmsdrv	1453	1453	1453	1453
SMFPSEGE	dmsdrv	1463	1463	1463	1463
SMFPSFLT	dmsdrv	1466	1466	1466	1466
SMFPTEIV	dmsdrv	1470	1470	1470	1470
SMFPTINX	dmsdrv	1461	1461	1461	1461
SMFRAMFP	dmsdrv	1593	1593	1593	1593
SMFRAMMM	dmsdrv	1594	1594	1594	1594
SMFRAMMS	dmsdrv	1592	1592	1592	1592
SMFRAMPP	dmsdrv	1595	1595	1595	1595
SMFRAMQP	dmsdrv	1637	1637	1637	1637
SMFSMPRCVF	dsmkp	298	298	298	298
SMFUBADNLI	smim	25272	25572	25572	25522
SMFULLARY	dsmkp	295	295	295	295
SMFURBADDATA	smim	25387	25687	25687	-
SMFURNOMASTER	smim	25384	25684	25684	-
SMFURNOSUBS	smim	25385	25685	25685	-
SMFURQBPROB	smim	25388	25688	25688	-
SMFURQPPROB	smim	25389	25689	25689	-
SMFURTBKLD	smim	25386	25686	25686	-
SMFUTSDBFAIL	smim	25271	25571	25571	25521
SMGDXBESTR	smim	25020	25320	25320	25270
SMGETCDBERR	smim	25393	25693	25693	-
SMGETNSFLT	smim	25016	25316	25316	25266
SMGETPTA	smkp	26023	26323	26323	26173
SMGETSMESTERR	smim	25394	25694	25694	-
SMGMSG	smim	25005	25305	25305	25255
SMGPICBFAIL	smim	25161	25461	25461	25411
SMGRPNM	smim	25373	25673	25673	25623
SMGTMAP	dsmkp	66	66	66	66
SMHDFHINIT	smim	25117	25417	25417	25367
SMHDFHMAIN	smim	25119	25419	25419	25369
SMHDFHUXP	smim	25121	25421	25421	25371
SMHMAP	dsmkp	71	71	71	71
SMHMMSG	smim	25011	25311	25311	25261
SMHMMSGFAIL	smkp	26015	26315	26315	26165
SMHMTMS	smkp	26359	26659	26659	26509
SMHTU2RSM	smim	25429	25729	-	-
SMIABADPARM	smim	25276	25576	25576	25526
SMIABDAMSG	smkp	25702	26002	26002	25852
SMIABDGBL	smim	25275	25575	25575	25525
SMIABDINIT	smkp	25700	26000	26000	25850
SMIABDTMSG	smkp	25701	26001	26001	25851
SMIABDUNIT	smkp	25703	26003	26003	25853
SMIABGNT	smim	24944	25244	25244	25194
SMIACKTDAT	smim	24935	25235	25235	25185
SMIACKTEST	smim	24998	25298	25298	25248
SMIACLIDATDB	smim	25191	25491	25491	25441
SMIATYPE	smim	24937	25237	25237	25187
SMIADBRDF	smkp	25711	26011	26011	25861
SMIADDRDF	smkp	25710	26010	26010	25860
SMIADLINM	smim	24952	25252	25252	25202
SMIADSCC	smim	24931	25231	25231	25181
SMIADSUIMG	smim	24936	25236	25236	25186
SMAEST	smim	24943	25243	25243	25193
SMAFILPA	smim	25124	25424	25424	25374
SMAFUPTUP	smim	24938	25238	25238	25188
SMAHDWDAT	smim	24951	25251	25251	25201
SMAHDWREL	smim	24934	25234	25234	25184
SMAIEMSG	smkp	25709	26009	26009	25859
SMAILACT	smim	24932	25232	25232	25182
SMAILBIT	smim	24941	25241	25241	25191

SMIAILBLK	smim	24948	25248	25248	25198
SMIAILBNAME	smim	24950	25250	25250	25200
SMIAILCQ	smim	24958	25258	25258	25208
SMIAILNAME	smim	24942	25242	25242	25192
SMIAILQUAL	smim	24933	25233	25233	25183
SMIAILSIDE	smim	24949	25249	25249	25199
SMIAILSTATE	smim	24957	25257	25257	25207
SMIAILSUB	smim	24953	25253	25253	25203
SMIAILUNIT	smim	24956	25256	25256	25206
SMIAINVPROC	smkp	25705	26005	26005	25855
SMIALEMSG	smkp	25707	26007	26007	25857
SMIAMCNT	smim	24940	25240	25240	25190
SMIAMEMSG	smkp	25708	26008	26008	25858
SMIANOEST	smim	24955	25255	25255	25205
SMIANOMCB	smkp	25704	26004	26004	25854
SMIAOPAD	smim	24939	25239	25239	25189
SMIAOPNR	smim	24945	25245	25245	25195
SMIAOSEUN	smkp	25706	26006	26006	25856
SMIARDFST	smim	24954	25254	25254	25204
SMIARDNXT	smim	24947	25247	25247	25197
SMIASTACT	smim	25357	25657	25657	25607
SMIASTCMD	smim	25355	25655	25655	25605
SMIASTDBRDF	dsmkp	102	102	102	102
SMIASTMSG	smim	25353	25653	25653	25603
SMIASTOBRPT	dsmkp	101	101	101	101
SMIASTONP	dsmkp	100	100	100	100
SMIASTSRC	smim	25356	25656	25656	25606
SMIASTST	smim	25354	25654	25654	25604
SMIASTTRG	smim	25358	25658	25658	25608
SMIAUPEST	smim	24999	25299	25299	25249
SMIAUPTUP	smim	24946	25246	25246	25196
SMIBADNLI	smkp	25644	25944	25944	25794
SMIDAUD1	smim	25138	25438	25438	25388
SMIDAUD2	smim	25172	25472	25472	25422
SMIDAUD3	smim	25180	25480	25480	25430
SMIDBD01	smim	25222	25522	25522	25472
SMIDBDEV	smim	25239	25539	25539	25489
SMIDCKTD	smim	25376	25676	25676	25626
SMIDDA01	smim	25197	25497	25497	25447
SMIDDS12	smim	25236	25536	25536	25486
SMIDMISC	smim	25221	25521	25521	25471
SMIDNOEV	smim	25238	25538	25538	25488
SMIDNOSM	smim	25377	25677	25677	25627
SMIDPASR	smim	25248	25548	25548	25498
SMIDPPJK	smim	25247	25547	25547	25497
SMIDPRTD	smim	25246	25546	25546	25496
SMIDRTAM	smim	25244	25544	25544	25494
SMIDSEND	smim	25159	25459	25459	25409
SMIDTASK	smim	25332	25632	25632	25582
SMIEXNLIMAX	smkp	25643	25943	25943	25793
SMIIAAUE	dsmkp	113	113	113	113
SMIIONAR	dsmkp	108	108	108	108
SMIIONLP	dsmkp	104	104	104	104
SMIIONLRM	dsmkp	106	106	106	106
SMIIONNR	dsmkp	107	107	107	107
SMIIONPCD	dsmkp	105	105	105	105
SMIISOBM	dsmkp	111	111	111	111
SMIISOCARD	dsmkp	112	112	112	112
SMIISONOPCD	dsmkp	110	110	110	110
SMIISONP	dsmkp	109	109	109	109
SMILINAM	smim	25010	25310	25310	25260
SMILSEPACT	smim	25196	25496	25496	25446
SMIMCTSTMS	smkp	26347	26647	26647	26497
SMIMMBUR	smim	25033	25333	25333	25283
SMINITCMSIM	dmsdrv	1386	1386	1386	1386
SMINITRLRCB	smim	25192	25492	25492	25442
SMINITSCSDA	dsmkp	292	292	292	292
SMINLINVLST	smkp	25645	25945	25945	25795
SMINMT	smkp	25779	26079	26079	25929
SMINPSTINV	dsmkp	302	302	302	302
SMINRC	smkp	25776	26076	26076	25926
SMINREATG	smkp	25675	25975	25975	25825

SMINVACQ	smkp	25809	26109	26109	25959
SMINVCKT	smim	24930	25230	25230	25180
SMINVCLOACK	dsmkp	308	308	308	308
SMINV_CMP	smkp	26246	26546	26546	26396
SMINVDDR	smkp	25811	26111	26111	25961
SMINVDIST	dsmkp	290	290	290	290
SMINVFUABT	smim	25270	25570	25570	25520
SMINVFURETURN	smim	25273	25573	25573	25523
SMINVFUSTATE	smim	25274	25574	25574	25524
SMINVNLIMAP	smkp	25646	25946	25946	25796
SMINVNPNT	smim	25079	25379	25379	25329
SMINVREQ	smkp	25810	26110	26110	25960
SMINVRSM2K	smkp	25647	25947	25947	25797
SMINVRSTRT	smkp	26550	26850	26850	26700
SMINVSFC	smkp	25808	26108	26108	25958
SMINVSTATE	dsmkp	284	284	284	284
SMINVU	smkp	25777	26077	26077	25927
SMIPACTION	smkp	25725	26025	26025	25875
SMIPACTQUAL	smkp	25726	26026	26026	25876
SMIPCLFAIL	smkp	25748	26048	26048	25898
SMIPCMPHDR	smkp	25720	26020	26020	25870
SMIPDDREAD	smkp	25749	26049	26049	25899
SMIPDELFAIL	dmsdrv	1612	1612	1612	1612
SMIPEQID	smkp	25728	26028	26028	25878
SMIPFCINCONSIST	smkp	25733	26033	26033	25883
SMIPFROMPID	smkp	25730	26030	26030	25880
SMIPHLEVEL	smkp	25731	26031	26031	25881
SMIPHY2LOGFAIL	smkp	25772	26072	26072	25922
SMIPINCC	dmsdrv	1609	1609	1609	1609
SMIPINCDATA	smkp	26432	26732	26732	26582
SMIPINDMA	dmsdrv	1608	1608	1608	1608
SMIPINEN	dmsdrv	1610	1610	1610	1610
SMIPINET	dmsdrv	1604	1604	1604	1604
SMIPINIT	dmsdrv	1616	1616	1616	1616
SMIPINPE	dmsdrv	1605	1605	1605	1605
SMIPINPL	dmsdrv	1606	1606	1606	1606
SMIPINPTR	dmsdrv	1607	1607	1607	1607
SMIPINPUCR	dmsdrv	1614	1614	1614	1614
SMIPINREF	smkp	25771	26071	26071	25921
SMIPINST	dmsdrv	1603	1603	1603	1603
SMIPINTINCONSIST	smkp	25773	26073	26073	25923
SMIPMSGTYPE	smkp	25734	26034	26034	25884
SMIPNCTMOD	smkp	26433	26733	26733	26583
SMIPODDINCONSIST	smkp	25729	26029	26029	25879
SMIPOPTIONS	smkp	25735	26035	26035	25885
SMIPPCQSTAT	smkp	25736	26036	26036	25886
SMIPPCID	smkp	25737	26037	26037	25887
SMIPPCSIDE	smkp	25738	26038	26038	25888
SMIPQPFALL	smkp	25817	26117	26117	25967
SMIPREASON	smkp	25739	26039	26039	25889
SMIPRESULT	smkp	25740	26040	26040	25890
SMIPRETURN	smkp	25727	26027	26027	25877
SMIPRTFAIL	dmsdrv	1611	1611	1611	1611
SMIPLEVEL	smkp	25758	26058	26058	25908
SMIPSMDDREAD	smkp	25741	26041	26041	25891
SMIPSMWRITE	smkp	25742	26042	26042	25892
SMIPSNMSG	smkp	25743	26043	26043	25893
SMIPSYSTAG	smkp	25744	26044	26044	25894
SMIPTONP	dmsdrv	1613	1613	1613	1613
SMIPVERFAIL	dmsdrv	1615	1615	1615	1615
SMIPVINT	smkp	25770	26070	26070	25920
SMIPWGFROM	smkp	25745	26045	26045	25895
SMIPWGMSG	smkp	25746	26046	26046	25896
SMIPWGTYPE	smkp	25747	26047	26047	25897
SMIQDELFAIL	dmsdrv	1634	1634	1634	1634
SMIQINCC	dmsdrv	1628	1628	1628	1628
SMIQINDMA	dmsdrv	1626	1626	1626	1626
SMIQINEN	dmsdrv	1629	1629	1629	1629
SMIQINET	dmsdrv	1632	1632	1632	1632
SMIQINFLE	dmsdrv	1625	1625	1625	1625
SMIQINIT	dmsdrv	1630	1630	1630	1630
SMIQINPCNT	dmsdrv	1633	1633	1633	1633

SMIQINPL	dmsdrv	1627	1627	1627	1627
SMIQINST	dmsdrv	1631	1631	1631	1631

4.49 MNEMONIC INDEX: SMIQRTFAIL - SMMSINPFS

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMIQRTFAIL	dmsdrv	1635	1635	1635	1635
SMIQTORQ	dmsdrv	1636	1636	1636	1636
SMISACTION	smkp	25769	26069	26069	25919
SMISARGUMENT	smkp	25750	26050	26050	25900
SMISBADSTATE	smkp	25752	26052	26052	25902
SMISCLIDAT	smkp	25943	26243	26243	26093
SMISCREASON	smkp	25751	26051	26051	25901
SMISDDREAD	smkp	25753	26053	26053	25903
SMISDDWRITE	smkp	25774	26074	26074	25924
SMISDMDSP	smkp	25754	26054	26054	25904
SMISHWESCAL	smkp	25755	26055	26055	25905
SMISINITPARM	smkp	25732	26032	26032	25882
SMISNEXTACT	smkp	25756	26056	26056	25906
SMISNOOPIMS	smkp	25757	26057	26057	25907
SMISOLDB	smkp	25941	26241	26241	26091
SMISOLDD	smkp	25940	26240	26240	26090
SMISPIDB_NO	smim	25053	25353	25353	25303
SMISPRMCLASS	smkp	25759	26059	26059	25909
SMISPRMDATA	smkp	25760	26060	26060	25910
SMISPRMTYPE	smkp	25761	26061	26061	25911
SMISPRMUNIT	smkp	25762	26062	26062	25912
SMISREPLACE	smkp	25763	26063	26063	25913
SMISRETURN	smkp	25764	26064	26064	25914
SMISSEQST	smkp	25765	26065	26065	25915
SMISSMDDREAD	smkp	25766	26066	26066	25916
SMISSMWRITE	smkp	25767	26067	26067	25917
SMISTIMER	smkp	25768	26068	26068	25918
SMIXRFPARAM	smim	25359	25659	25659	25609
SMKP73	dsmkp	73	73	73	73
SMKP74	dsmkp	74	74	74	74
SMKP75	dsmkp	75	75	75	75
SMKP76	dsmkp	76	76	76	76
SMKP77	dsmkp	77	77	77	77
SMKP78	dsmkp	78	78	78	78
SMKP79	dsmkp	79	79	79	79
SMKP80	dsmkp	80	80	80	80
SMKP81	dsmkp	81	81	81	81
SMKP88	dsmkp	88	88	88	88
SMKP89	dsmkp	89	89	89	89
SMKP90	dsmkp	90	90	90	90
SMKPADMA_FAIL	dmsdrv	1563	1563	1563	1563
SMKPBADCRAFT	dmsdrv	1601	1601	1601	1601
SMKPCMCKP_FAIL	dmsdrv	1583	1583	1583	1583
SMKPDREAD	dmsdrv	1602	1602	1602	1602
SMKPDGNST_BAD	dmsdrv	1555	1555	1555	1555
SMKPDMENT	dmsdrv	1598	1598	1598	1598
SMKPEQID_BAD	dmsdrv	1551	1551	1551	1551
SMKPERDGET	dmsdrv	1599	1599	1599	1599
SMKPEUCB	dmsdrv	1600	1600	1600	1600
SMKPMBUF_FAIL	dmsdrv	1553	1553	1553	1553
SMKPMPORT_NG	dmsdrv	1552	1552	1552	1552
SMKPMQBAD	dmsdrv	1390	1390	1390	-
SMKPMSG_UNKN	dmsdrv	1556	1556	1556	1556
SMKPOORTIME	dmsdrv	1596	1596	1596	1596
SMKPPLAC	dmsdrv	1597	1597	1597	1597
SMKPPTA_NG	dmsdrv	1562	1562	1562	1562
SMKPRADD_BAD	dmsdrv	1561	1561	1561	1561
SMKPS7RECOV	dmsdrv	1557	1557	1557	1557
SMKPSEG_BAD	dmsdrv	1550	1550	1550	1550
SMKPSEQIP_BAD	dmsdrv	1560	1560	1560	1560
SMKPSMSG_FAIL	dmsdrv	1554	1554	1554	1554
SMKPSW_FLT	dmsdrv	1559	1559	1559	1559
SMKPTTBL_FULL	dmsdrv	1564	1564	1564	1564
SMKPTTEN_BAD	dmsdrv	1566	1566	1566	1566
SMKPTTLK_BAD	dmsdrv	1565	1565	1565	1565

SMKPUCBR_UNKN	dmsdrv	1558	1558	1558	1558
SMKPUSRACK	dmsdrv	1549	1549	1549	1549
SMLBIV	smkp	25778	26078	26078	25928
SMLCDATA	smkp	25651	25951	25951	25801
SMLCFAIL	smkp	25815	26115	26115	25965
SMLDWP_BAD	smim	25260	25560	25560	25510
SMLIBACT	smkp	26384	26684	26684	26534
SMLIBCC	smkp	26386	26686	26686	26536
SMLIBCNR	smkp	26388	26688	26688	26538
SMLIBSNT	smkp	26385	26685	26685	26535
SMLIBSTR	smkp	26387	26687	26687	26537
SMLIBSWINIT	smkp	26383	26683	26683	26533
SMLIBTYM	smkp	26389	26689	26689	26539
SMLIBVINT	smkp	26390	26690	26690	26540
SMLINKBAD	dsmkp	84	84	84	84
SMLL0NOLNK	smkp	25852	26152	26152	26002
SMLL1NOLNK	smkp	25853	26153	26153	26003
SMLNK_NUM	smim	25365	25665	25665	25615
SMLOCK_ERROR	smim	25073	25373	25373	25323
SMLV0IATMS	smkp	26354	26654	26654	26504
SMLV1IATMS	smkp	26353	26653	26653	26503
SMMALWOOS	smim	25019	25319	25319	25269
SMMANINHERR	smim	25027	25327	25327	25277
SMMAPBAD	dsmkp	86	86	86	86
SMMATATTDDB	smim	25194	25494	25494	25444
SMMCACKBAD	smkp	26030	26330	26330	26180
SMMCBD	smkp	26028	26328	26328	26178
SMMCCBDDRWF	smkp	25854	26154	26154	26004
SMMCCDDRWF	smkp	25855	26155	26155	26005
SMMCNTFLT	smim	25000	25300	25300	25250
SMMCSND	smkp	26029	26329	26329	26179
SMMCWGBAD	smkp	26031	26331	26331	26181
SMMEAP	dsmkp	65	65	65	65
SMMHAUINV	smpp	44589	45189	45189	44989
SMMHAUPARM	smim	25281	25581	25581	25531
SMMHAUSND	smim	25282	25582	25582	25532
SMMHCLE1	smpp	44584	45184	45184	44984
SMMHCLE2	smpp	44585	45185	45185	44985
SMMHCLE3	smpp	44586	45186	45186	44986
SMMHCLE4	smpp	44587	45187	45187	44987
SMMHCLE5	smpp	44588	45188	45188	44988
SMMH_HASHE	smim	25314	25614	25614	25564
SMMIBACT	smkp	26392	26692	26692	26542
SMMIBAQCPI	smkp	26402	26702	26702	26552
SMMIBCC	smkp	26394	26694	26694	26544
SMMIBCNR	smkp	26397	26697	26697	26547
SMMIBFORLP	smkp	26401	26701	26701	26551
SMMIBREQ	smkp	26396	26696	26696	26546
SMMIBSIDE	smkp	26395	26695	26695	26545
SMMIBSIZE	smkp	26399	26699	26699	26549
SMMIBSNT	smkp	26393	26693	26693	26543
SMMIBSWINIT	smkp	26391	26691	26691	26541
SMMIBVINT	smkp	26398	26698	26698	26548
SMMIMODFAIL	smkp	26400	26700	26700	26550
SMMMABTDGN	dmsdrv	1374	1374	1374	1374
SMMMABTSRT	dmsdrv	1375	1375	1375	1375
SMMMACTIONERR	smkp	26038	26338	26338	26188
SMMMAQERR	smkp	26036	26336	26336	26186
SMMMMAUREADERR	smkp	26050	26350	26350	26200
SMMMBADEQID	dmsdrv	1359	1359	1359	1359
SMMMBADFLT	dmsdrv	1358	1358	1358	1358
SMMMBADINIT	smkp	26053	26353	26353	26203
SMMMBCC	dmsdrv	1360	1360	1360	1360
SMMMBIDATA	smkp	26067	26367	26367	26217
SMMMBMMPH	smkp	26068	26368	26368	26218
SMMMBSTATE	smkp	26064	26364	26364	26214
SMMMBSTE	dmsdrv	1357	1357	1357	1357
SMMMBTO	dmsdrv	1381	1381	1381	1381
SMMMBUSTYPERR	smkp	26063	26363	26363	26213
SMMMBXMIT	dmsdrv	1382	1382	1382	1382
SMMMCADTIMO	smkp	26055	26355	26355	26205
SMMMDATAERR	smkp	26046	26346	26346	26196

SMMMDBFR	dmsdrv	1379	1379	1379	1379
SMMDDREAD	smkp	26060	26360	26360	26210
SMMMDLDM	dmsdrv	1372	1372	1372	1372
SMMDELTIME	dmsdrv	1373	1373	1373	1373
SMMMDQFAIL	dmsdrv	1354	1354	1354	1354
SMMMDTIMER	smkp	26051	26351	26351	26201
SMMMDUPERR	smkp	26039	26339	26339	26189
SMMMEACKM	dmsdrv	1351	1351	1351	1351
SMMMEASNDMA	dmsdrv	1370	1370	1370	1370
SMMMEDEQMSG	dmsdrv	1352	1352	1352	1352
SMMMEDMAJN	dmsdrv	1377	1377	1377	1377
SMMMEFSET	dmsdrv	1376	1376	1376	1376
SMMMEGPM	dmsdrv	1366	1366	1366	1366
SMMMEGPTA	dmsdrv	1369	1369	1369	1369
SMMMEMSG	dmsdrv	1350	1350	1350	1350
SMMMERRTYPE	smkp	26049	26349	26349	26199
SMMMETIME	dmsdrv	1378	1378	1378	1378
SMMMEVCLERR	smkp	26057	26357	26357	26207
SMMMEVTNOERR	smkp	26040	26340	26340	26190
SMMMFROMERR	smkp	26037	26337	26337	26187
SMMMGETMSGERR	smkp	26044	26344	26344	26194
SMMMGLIMIT	smkp	26059	26359	26359	26209
SMMMINVDGN	smkp	26058	26358	26358	26208
SMMMISEQ	dmsdrv	1355	1355	1355	1355
SMMMMTIP	dmsdrv	1353	1353	1353	1353
SMMMNOMMP	smkp	26062	26362	26362	26212
SMMMODDREAD	smkp	26061	26361	26361	26211
SMMMOSELENGTH	smkp	26052	26352	26352	26202
SMMMOSEND	smkp	26066	26366	26366	26216
SMMMOTIFAIL	dmsdrv	1364	1364	1364	1364
SMMMPICINT	dmsdrv	1368	1368	1368	1368
SMMMPHYSERR	smkp	26034	26334	26334	26184
SMMMQFAIL	dmsdrv	1362	1362	1362	1362
SMMMRDSTATE	dmsdrv	1367	1367	1367	1367
SMMMRREADERR	smkp	26047	26347	26347	26197
SMMMRASERR	smkp	26045	26345	26345	26195
SMMMRQTFAIL	dmsdrv	1363	1363	1363	1363
SMMMSDMSG	dmsdrv	1361	1361	1361	1361
SMMMSWAIT	smkp	26048	26348	26348	26198
SMMMSFE	dmsdrv	1356	1356	1356	1356
SMMMSIDERR	smkp	26033	26333	26333	26183
SMMMSNDMSGERR	smkp	26041	26341	26341	26191
SMMMSRCERR	smkp	26056	26356	26356	26206
SMMMTBLMSG	smkp	26069	26369	26369	26219
SMMMTBLREAD	smkp	26070	26370	26370	26220
SMMMTIMERR	smkp	26043	26343	26343	26193
SMMMTIMOCAD	smkp	26065	26365	26365	26215
SMMMTMMPH	smkp	26054	26354	26354	26204
SMMMTOMSG	dmsdrv	1380	1380	1380	1380
SMMMTYPERR	smkp	26035	26335	26335	26185
SMMMUNITERR	smkp	26032	26332	26332	26182
SMMMUNLOCK	dmsdrv	1371	1371	1371	1371
SMMMVREQ	dmsdrv	1365	1365	1365	1365
SMMMWRTERR	smkp	26042	26342	26342	26192
SMMRA_DBRR	smim	25076	25376	25376	25326
SMMSATTECD	dmsdrv	1515	1515	1515	1515
SMMSBADEQID	dmsdrv	1509	1509	1509	1509
SMMSBADFLT	dmsdrv	1508	1508	1508	1508
SMMSBADSQIP	dmsdrv	1533	1533	1533	1533
SMMSBADTEXT	dmsdrv	1506	1506	1506	1506
SMMSBPIQFULL	dmsdrv	1510	1510	1510	1510
SMMSCTIM	smkp	26007	26307	26307	26157
SMMSDDREAD	dmsdrv	1530	1530	1530	1530
SMMSDELDMA	dmsdrv	1526	1526	1526	1526
SMMSDELTIME	dmsdrv	1527	1527	1527	1527
SMMSDISAB	dmsdrv	1531	1531	1531	1531
SMMSDQFAIL	dmsdrv	1504	1504	1504	1504
SMMSDREAD	smkp	26011	26311	26311	26161
SMMSEACKM	dmsdrv	1501	1501	1501	1501
SMMSEASNDMA	dmsdrv	1522	1522	1522	1522
SMMSEATCH	dmsdrv	1516	1516	1516	1516
SMMSEDMAJN	dmsdrv	1524	1524	1524	1524

SMMSEECD	dmsdrv	1532	1532	1532	1532
SMMSEGPTA	dmsdrv	1521	1521	1521	1521
SMMSEIATCH	dmsdrv	1520	1520	1520	1520
SMMSELLA	dmsdrv	1517	1517	1517	1517
SMMSEMPROC	dmsdrv	1502	1502	1502	1502
SMMSEMSG	dmsdrv	1500	1500	1500	1500
SMMSENINT	dmsdrv	1523	1523	1523	1523
SMMSERMSG	smkp	26001	26301	26301	26151
SMMSESEND	smkp	26004	26304	26304	26154
SMMSESND	dmsdrv	1511	1511	1511	1511
SMMSETIM	dmsdrv	1525	1525	1525	1525
SMMSEUCB	dmsdrv	1518	1518	1518	1518
SMMSEVCLASS	smkp	26005	26305	26305	26155
SMMSEWAIT	smkp	26000	26300	26300	26150
SMMSFATAL	dmsdrv	1507	1507	1507	1507
SMMSFILENG	dmsdrv	1537	1537	1537	1537
SMMSFUCB	dmsdrv	1519	1519	1519	1519
SMMSGBAD	smim	25129	25429	25429	25379
SMMSGFAIL	smkp	26014	26314	26314	26164
SMMSGREC	smim	25008	25308	25308	25258
SMMSGTPTG	smkp	25677	25977	25977	25827
SMMSGTRE	smim	25009	25309	25309	25259
SMMSGTYPEBAD	smim	24906	25206	25206	25156
SMMSHTIM	smkp	26008	26308	26308	26158
SMMSINCMVINT	dmsdrv	1540	1540	1540	1540
SMMSINCTI	dmsdrv	1538	1538	1538	1538
SMMSINPFS	dmsdrv	1539	1539	1539	1539

4.50 MNEMONIC INDEX: SMMSLCREAD - SMPMSGFAIL

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMMSLCREAD	dmsdrv	1541	1541	1541	1541
SMMSMTIP	dmsdrv	1503	1503	1503	1503
SMMSODDER	dmsdrv	1535	1535	1535	1535
SMMSODDNG	dmsdrv	1534	1534	1534	1534
SMMSOTIFAIL	dmsdrv	1514	1514	1514	1514
SMMSPERMSG	smkp	26002	26302	26302	26152
SMMSPESEND	smkp	26010	26310	26310	26160
SMMSPPFail	smkp	26012	26312	26312	26162
SMMSPUMPNG	dmsdrv	1536	1536	1536	1536
SMMSQFAIL	dmsdrv	1512	1512	1512	1512
SMMSREADD	smkp	26006	26306	26306	26156
SMMSREASON	smkp	26003	26303	26303	26153
SMMSREQTIME	dmsdrv	1528	1528	1528	1528
SMMSRQTFAIL	dmsdrv	1513	1513	1513	1513
SMMSSEQINV	dmsdrv	1505	1505	1505	1505
SMMSUNLOCK	dmsdrv	1529	1529	1529	1529
SMMSWGGET	smkp	26009	26309	26309	26159
SMMXDSL	smim	25231	25531	25531	25481
SMNCADPR	dsmkp	233	233	233	233
SMNCADSR	smkp	26610	26610	26460	-
	dsmkp	234	234	234	234
	smkp	26611	26611	26461	-
SMNCADUN	dsmkp	236	236	236	236
SMNCADXC	dsmkp	235	235	235	235
SMNCADXR	smkp	26312	26612	26612	26462
SMNCANYM	dsmkp	212	212	212	212
SMNCBDRT	smkp	26331	26631	26631	26481
SMNCBDVR	smkp	26313	26613	26613	26463
SMNCCMFP	dsmkp	217	217	217	217
SMNCCMMT	dsmkp	213	213	213	213
SMNCDATA	smkp	26329	26629	26629	26479
SMNCDBUN	smkp	26333	26633	26633	26483
SMNCDMMT	dsmkp	216	216	216	216
SMNCFRAC	dsmkp	218	218	218	218
SMNCFRAR	smkp	26615	26615	26465	-
	dsmkp	220	220	220	220
	dsmkp	221	221	221	221
SMNCFRRC	smkp	26616	26616	26466	-
	dsmkp	219	219	219	219
SMNCFRSC	dsmkp	219	219	219	219
SMNCIASD	smkp	26332	26632	26632	26482

SMNCIIAAC	smkp	26305	26605	26605	26455
SMNCIMRF	dsmkp	222	222	222	222
SMNCINAC	smkp	26314	26614	26614	26464
SMNCINBS	smkp	26330	26630	26630	26480
SMNCINCL	dsmkp	200	200	200	200
SMNCINEN	smkp	26306	26606	26606	26456
SMNCINMD	smkp	26303	26603	26603	26453
SMNCINMS	smkp	26307	26607	26607	26457
SMNCINQ1	smkp	26327	26627	26627	26477
SMNCINQ2	smkp	26328	26628	26628	26478
SMNCINREF	smkp	26302	26602	26602	26452
SMNCINRF	dsmkp	201	201	201	201
SMNCINSD	smkp	26301	26601	26601	26451
SMNCINST	smkp	26300	26600	26600	26450
SMNCINUN	smkp	26304	26604	26604	26454
SMNCLBTO	dsmkp	211	211	211	211
SMNCMDMD	dsmkp	223	223	223	223
SMNCPSRF	dsmkp	204	204	204	204
SMNCRCCCL	dsmkp	245	245	245	245
SMNCRDCL	dsmkp	202	202	202	202
	smkp	26609	26609	26459	-
SMNCRDF	dsmkp	203	203	203	203
SMNCRICE	dsmkp	232	232	232	232
	smkp	26624	26624	26474	-
SMNCRICS	dsmkp	230	230	230	230
	smkp	26623	26623	26473	-
SMNCRIDS	dsmkp	231	231	231	231
SMNCRIPS	dsmkp	226	226	226	226
	smkp	26619	26619	26469	-
SMNCRIRP	dsmkp	229	229	229	229
	smkp	26622	26622	26472	-
SMNCRISS	dsmkp	227	227	227	227
	smkp	26620	26620	26470	-
SMNCRIST	dsmkp	224	224	224	224
SMNCRITL	dsmkp	225	225	225	225
	smkp	26618	26618	26468	-
SMNCRIXS	dsmkp	228	228	228	228
	smkp	26621	26621	26471	-
SMNCRPRF	dsmkp	205	205	205	205
SMNCRRAAC	dsmkp	240	240	240	240
SMNCRREAR	dsmkp	243	243	243	243
	smkp	26625	26625	26475	-
SMNCRRF1	dsmkp	242	242	242	242
SMNCRRWCC	dsmkp	244	244	244	244
SMNCRWTD	dsmkp	210	210	210	210
SMNCSCER	dsmkp	237	237	237	237
SMNCSSHMT	dsmkp	215	215	215	215
SMNCSSMMD	dsmkp	241	241	241	241
SMNCSPCM	dsmkp	207	207	207	207
	smkp	26608	26608	26458	-
SMNCSPFN	dsmkp	209	209	209	209
SMNCSPMD	dsmkp	206	206	206	206
SMNCSPPR	dsmkp	208	208	208	208
SMNCSSRRER	dsmkp	239	239	239	239
SMNCSSRRF	dsmkp	238	238	238	238
SMNCTGUN	dsmkp	214	214	214	214
SMNCTTYO	dsmkp	246	246	246	246
	smkp	26617	26617	26467	-
SMNCUNEX	smkp	26435	26735	26735	26585
SMNCWTUN	smkp	26326	26626	26626	26476
SMNLIMAP	smim	25261	25561	25561	25511
SMNO_AIM	dsmkp	18	18	18	18
SMNO_CMKP	dsmkp	21	21	21	21
SMNODBPCD	dsmkp	23	23	23	23
SMNOEQUIP	dsmkp	57	57	57	57
SMNOEVTNO	dsmkp	288	288	288	288
SMNOFIU	smim	24905	25205	25205	25155
SMNOLG	dsmkp	289	289	289	289
SMNOMSG	dsmkp	53	53	53	53
SMNOMSGE	dsmkp	10	10	10	10
SMNONPCD	dsmkp	24	24	24	24
SMNOPC	dsmkp	280	280	280	280

SMNOPCD	dsmkp	56	56	56	56
SMNO_PORT	dsmkp	20	20	20	20
SMNOPORTLA	smim	25230	25530	25530	25480
SMNOPSIUPIDB	smim	25055	25355	25355	25305
SMNOSCAN	dsmkp	282	282	282	282
SMNOSLOTAP	dsmkp	67	67	67	67
SMNO_TQE	dsmkp	19	19	19	19
SMNULLREATMS	smkp	26341	26641	26641	26491
SMNUMDX	smim	25360	25660	25660	25610
SMODDCKT	smim	25201	25501	25501	25451
SMODDLOCEQ	smim	25200	25500	25500	25450
SMODDPCIV	smkp	25802	26102	26102	25952
SMODDPIDB	smim	25312	25612	25612	25562
SMODDUNIT_CKT	smim	25374	25674	25674	25624
SMOFF1NRM	smim	25012	25312	25312	25262
SMOORQIX	smkp	25800	26100	26100	25950
SMOPENAP	dsmkp	69	69	69	69
SMOPERTST	smim	25064	25364	25364	25314
SMOPNREL	smim	25003	25303	25303	25253
SMOSRETTG	smkp	25676	25976	25976	25826
SMOSRTMS	smkp	26358	26658	26658	26508
SMOSWPROB	smim	25044	25344	25344	25294
SMOTHINIT	smim	25174	25474	25474	25424
SMOUTINIT	smim	25177	25477	25477	25427
SMOUTMSGFAIL	smkp	26025	26325	26325	26175
SMPACK	smkp	26102	26402	26402	26252
SMPALWOOS	smim	25018	25318	25318	25268
SMPARFAIL	smim	24914	25214	25214	25164
SMPAUST	smkp	26103	26403	26403	26253
SMPBDACK	smkp	26101	26401	26401	26251
SMPBDCNT	smkp	26104	26404	26404	26254
SMPBDMSG	smkp	26100	26400	26400	26250
SMPBDOS	smkp	26105	26405	26405	26255
SMPCDERR	dsmkp	55	55	55	55
SMPFRUSE	smim	25352	25652	25652	25602
SMPHATBL	smim	25372	25672	25672	25622
SMPHDATDGR	smim	25199	25499	25499	25449
SMPHRNGCHKF	smim	25364	25664	25664	25614
SMPHY2LOG	smkp	26024	26324	26324	26174
SMPHYTOLOGF	dsmkp	299	299	299	299
SMPIABTDGN	dmsdrv	1772	1772	1772	1772
SMPIABTSRT	dmsdrv	1773	1773	1773	1773
SMPIACK	smkp	26221	26521	26521	26371
SMPIACTIONERR	smkp	26205	26505	26505	26355
SMPIAQERR	smkp	26213	26513	26513	26363
SMPIBADEQID	dmsdrv	1750	1750	1750	1750
SMPIBADFLT	dmsdrv	1758	1758	1758	1758
SMPIBCC	dmsdrv	1759	1759	1759	1759
SMPIBDACK	smkp	26220	26520	26520	26370
SMPIBDMSG	smkp	26216	26516	26516	26366
SMPIBMSGLNGTH	smkp	26232	26532	26532	26382
SMPIBTO	dmsdrv	1776	1776	1776	1776
SMPIBXMIT	dmsdrv	1777	1777	1777	1777
SMPICB_NUMNM	smim	25243	25543	25543	25493
SMPICEVTNOERR	smkp	26239	26539	26539	26389
SMPICLEACCESS	smkp	26240	26540	26540	26390
SMPICLEBADMSG	smkp	26241	26541	26541	26391
SMPICONTO	smkp	26225	26525	26525	26375
SMPICRETBAD	smkp	26238	26538	26538	26388
SMPIDB1EA	smim	25014	25314	25314	25264
SMPIDB1RA	smim	25013	25313	25313	25263
SMPIDB2EA	smim	25015	25315	25315	25265
SMPIDB2RA	smim	25017	25317	25317	25267
SMPIDBFAIL	smim	25263	25563	25563	25513
SMPIDELDMA	dmsdrv	1770	1770	1770	1770
SMPIDELTIME	dmsdrv	1771	1771	1771	1771
SMPIDQFAIL	dmsdrv	1755	1755	1755	1755
SMPIEACKM	dmsdrv	1752	1752	1752	1752
SMPIEASNDMA	dmsdrv	1768	1768	1768	1768
SMPIEDEQMSG	dmsdrv	1753	1753	1753	1753
SMPIEDMAJN	dmsdrv	1775	1775	1775	1775
SMPIEGPM	dmsdrv	1765	1765	1765	1765

SMPIEGPTA	dmsdrv	1767	1767	1767	1767
SMPIEMSG	dmsdrv	1751	1751	1751	1751
SMPIERRTYPE	smkp	26210	26510	26510	26360
SMPIETIME	dmsdrv	1774	1774	1774	1774
SMPIEVCLERR	smkp	26212	26512	26512	26362
SMPIFROMERR	smkp	26204	26504	26504	26354
SMPIGETMSGERR	smkp	26207	26507	26507	26357
SMPIINVABT	smkp	26230	26530	26530	26380
SMPIINVDGN	smkp	26218	26518	26518	26368
SMPIINVMSG	smkp	26226	26526	26526	26376
SMPISEQ	dmsdrv	1756	1756	1756	1756
SMPIMATEGET	smkp	26223	26523	26523	26373
SMPIMTIP	dmsdrv	1754	1754	1754	1754
SMPINODDACK	smkp	26244	26544	26544	26394
SMPINV	smkp	26099	26399	26399	26249
SMPIOSELENGTH	smkp	26211	26511	26511	26361
SMPIOSSNDMSGERR	smkp	26233	26533	26533	26383
SMPIOTIFAIL	dmsdrv	1763	1763	1763	1763
SMPIPHYSEERR	smkp	26202	26502	26502	26352
SMPIPTO	smkp	26219	26519	26519	26369
SMPIPURGE	smkp	26222	26522	26522	26372
SMPIQFAIL	dmsdrv	1761	1761	1761	1761
SMPIRDERR	smkp	26234	26534	26534	26384
SMPIRDEVER	smkp	26243	26543	26543	26393
SMPIRDSTATE	dmsdrv	1766	1766	1766	1766
SMPIRDWRERR	smkp	26229	26529	26529	26379
SMPIREADERR	smkp	26214	26514	26514	26364
SMPIREASERR	smkp	26208	26508	26508	26358
SMPIRQTFAIL	dmsdrv	1762	1762	1762	1762
SMPIRSNERR	smkp	26245	26545	26545	26395
SMPISDMSG	dmsdrv	1760	1760	1760	1760
SMPISEWAIT	smkp	26209	26509	26509	26359
SMPISEFE	dmsdrv	1757	1757	1757	1757
SMPISIDERR	smkp	26201	26501	26501	26351
SMPISNDMSGERR	smkp	26206	26506	26506	26356
SMPISRCERR	smkp	26215	26515	26515	26365
SMPIRETBAD	smkp	26237	26537	26537	26387
SMPISWINSANE	smkp	26224	26524	26524	26374
SMPITIMERR	smkp	26228	26528	26528	26378
SMPITMCMPPH	smkp	26242	26542	26542	26392
SMPITYPERR	smkp	26203	26503	26503	26353
SMPIUNITERR	smkp	26200	26500	26500	26350
SMPIUNLOCK	dmsdrv	1769	1769	1769	1769
SMPIUPDTERR	smkp	26231	26531	26531	26381
SMPIVREQ	dmsdrv	1764	1764	1764	1764
SMPIWGTER	smkp	26227	26527	26527	26377
SMPIWRITER	smkp	26217	26517	26517	26367
SMPIWTERR	smkp	26235	26535	26535	26385
SMPLILNK	smim	25351	25651	25651	25601
SMPMMSGFAIL	smkp	26016	26316	26316	26166

4.51 MNEMONIC INDEX: SMPORTLA - SMQRSEQF

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMPORTLA	smim	25045	25345	25345	25295
SMPOSND	smkp	26098	26398	26398	26248
SMPPACKM	dmsdrv	1403	1403	1403	1403
SMPPC1SND	smkp	26110	26410	26410	26260
SMPPC2SND	smkp	26111	26411	26411	26261
SMPPCBMSGR	smkp	26108	26408	26408	26258
SMPPCINP	smkp	26118	26418	26418	26268
SMPPCMNF	smkp	26117	26417	26417	26267
SMPPCMRR	smkp	26112	26412	26412	26262
SMPPCOSWT	smkp	26119	26419	26419	26269
SMPPCREA	smkp	26106	26406	26406	26256
SMPPCSWE	smkp	26120	26420	26420	26270
SMPPCSWR	smkp	26115	26415	26415	26265
SMPPCTMR	smkp	26116	26416	26416	26266
SMPPCWAIT	smkp	26109	26409	26409	26259
SMPPCWGET	smkp	26107	26407	26407	26257
SMPPCWMF	smkp	26113	26413	26413	26263

SMPPCWMT	smkp	26114	26414	26414	26264
SMPPDELT	dmsdrv	1406	1406	1406	1406
SMPPDEQM	dmsdrv	1407	1407	1407	1407
SMPPEQID	dmsdrv	1404	1404	1404	1404
SMPPERTM	dmsdrv	1414	1414	1414	1414
SMPPGFULL	smim	25171	25471	25471	25421
SMPPGNOMATCH	smim	25175	25475	25475	25425
SMPPHSER	dmsdrv	1415	1415	1415	1415
SMPPILAFail	smim	25096	25396	25396	25346
SMPPIVFLT	dmsdrv	1417	1417	1417	1417
SMPPMBDM	dmsdrv	1411	1411	1411	1411
SMPPMSGB	dmsdrv	1400	1400	1400	1400
SMPPOVFM	dmsdrv	1409	1409	1409	1409
SMPPICR	dmsdrv	1410	1410	1410	1410
SMPPQUEM	dmsdrv	1408	1408	1408	1408
SMPPRDST	dmsdrv	1412	1412	1412	1412
SMPPREQT	dmsdrv	1405	1405	1405	1405
SMPPSFLT	dmsdrv	1416	1416	1416	1416
SMPTTINX	dmsdrv	1413	1413	1413	1413
SMPRGDGN	smim	25056	25356	25356	25306
SMPRMRA	smim	24929	25229	25229	25179
SMRPICKT	smim	25034	25334	25334	25284
SMRPIIDL	smim	25035	25335	25335	25285
SMRPIMSG	smim	25037	25337	25337	25287
SMRPIRES	smim	25036	25336	25336	25286
SMRPISRA	smim	25038	25338	25338	25288
SMPT_NAMENM	smim	25242	25542	25542	25492
SMPSCKTNV	smim	25051	25351	25351	25301
SMPSENDFAIL	smkp	26017	26317	26317	26167
SMPSERNV	smim	25052	25352	25352	25302
SMPSLNK_INFO	smim	25370	25670	25670	25620
SMPSLNKÓOR	smim	25350	25650	25650	25600
SMPSOSSND	smim	25049	25349	25349	25299
SMSPSRCNT	smim	25046	25346	25346	25296
SMPSRCVNV	smim	25050	25350	25350	25300
SMPSRSMST	smim	25047	25347	25347	25297
SMPSU_CA	smim	25371	25671	25671	25621
SMPSUIIAUER	smim	25143	25443	25443	25393
SMPSULOGDUMP	smim	25132	25432	25432	25382
SMPSUSMST	smim	25048	25348	25348	25298
SMPTSB2CHDB	smim	25264	25564	25564	25514
SMPTSBBD	smim	25058	25358	25358	25308
SMPTSBFAIL	smim	25265	25565	25565	25515
SMQACKTG	smkp	25699	25999	25999	25849
SMQATODDF	dsmkp	307	307	307	307
SMQATPASF	dsmkp	306	306	306	306
SMQCACTIONERR	smkp	26810	27110	27110	26960
SMQCBRTACK	smkp	26804	27104	27104	26954
SMQCDAERR	smkp	26808	27108	27108	26958
SMQCDDRDFL	smkp	26800	27100	27100	26950
SMQCDDWRFL	smkp	26801	27101	27101	26951
SMQCIMSG	smkp	26833	27133	27133	26983
SMQCINVACT	smkp	26806	27106	27106	26956
SMQCINVLE	smkp	26802	27102	27102	26952
SMQCINVPARAM	smkp	26830	27130	27130	26980
SMQCINVSTATE	smkp	26807	27107	27107	26957
SMQCINVUNIT	smkp	26805	27105	27105	26955
SMQCLESTAT	smkp	26803	27103	27103	26953
SMQCNTTMS	smkp	26348	26648	26648	26498
SMQCODDRD	smkp	26832	27132	27132	26982
SMQCOPQGP	smkp	26844	27144	27144	26994
SMQCOSER	smkp	26837	27137	27137	26987
SMQCOSRCV	smkp	26836	27136	27136	26986
SMQCPCDER	smkp	26838	27138	27138	26988
SMQCPHYSERR	smkp	26811	27111	27111	26961
SMQCPPAR	smkp	26842	27142	27142	26992
SMQCPCSTATE	smkp	26841	27141	27141	26991
SMQCQEODD	smkp	26829	27129	27129	26979
SMQCRSTATE	smkp	26839	27139	27139	26989
SMQCSNDER	smkp	26834	27134	27134	26984
SMQCTOFPC	smkp	26843	27143	27143	26993
SMQCTOQGP	smkp	26840	27140	27140	26990

SMQCUMSG	smkp	26835	27135	27135	26985
SMQENDPTS	smim	25295	25595	25595	25545
SMQGABTSRT	dmsdrv	1800	1800	1800	1800
SMQGACTIONERR	smkp	26705	27005	27005	26855
SMQGAQERR	smkp	26706	27006	27006	26856
SMQGAUPARM	smkp	26735	27035	27035	26885
SMQGBADINIT	smkp	26726	27026	27026	26876
SMQGBEQID	dmsdrv	1801	1801	1801	1801
SMQGBFC	dmsdrv	1802	1802	1802	1802
SMQGBIDATA	smkp	26728	27028	27028	26878
SMQGBQGPH	smkp	26730	27030	27030	26880
SMQGBTO	dmsdrv	1803	1803	1803	1803
SMQGBXMIT	dmsdrv	1804	1804	1804	1804
SMQGCADTIMO	smkp	26707	27007	27007	26857
SMQGDDIIPM	dmsdrv	1825	1825	1825	1825
SMQGDDREAD	smkp	26708	27008	27008	26858
SMQGDDWRITE	smkp	26737	27037	27037	26887
SMQGDELDMA	dmsdrv	1805	1805	1805	1805
SMQGDELTIME	dmsdrv	1806	1806	1806	1806
SMQGDQFAIL	dmsdrv	1807	1807	1807	1807
SMQGDTIMER	smkp	26732	27032	27032	26882
SMQGDUPERR	smkp	26727	27027	27027	26877
SMQGEACKM	dmsdrv	1808	1808	1808	1808
SMQGEASNDMA	dmsdrv	1809	1809	1809	1809
SMQGEDMAJN	dmsdrv	1811	1811	1811	1811
SMQGEFSNT	dmsdrv	1823	1823	1823	1823
SMQGEGPM	dmsdrv	1812	1812	1812	1812
SMQGEGPTA	dmsdrv	1813	1813	1813	1813
SMQGEIPMSG	dmsdrv	1810	1810	1810	1810
SMQGEMSG	dmsdrv	1814	1814	1814	1814
SMQGERRTYPE	smkp	26709	27009	27009	26859
SMQGETIME	dmsdrv	1815	1815	1815	1815
SMQGEUAMSG	dmsdrv	1824	1824	1824	1824
SMQGEVCLERR	smkp	26710	27010	27010	26860
SMQGEVTNOERR	smkp	26725	27025	27025	26875
SMQGFROMERR	smkp	26701	27001	27001	26851
SMQGGETMSGER	smkp	26702	27002	27002	26852
SMQGLLIMIT	smkp	26711	27011	27011	26861
SMQGINVDGN	smkp	26712	27012	27012	26862
SMQGIPMEQ	dmsdrv	1817	1817	1817	1817
SMQGISEQ	dmsdrv	1816	1816	1816	1816
SMQGLCMDINV	smpp	44600	45200	45200	45000
SMQGLDATA	smpp	44595	45195	45195	44995
SMQGLMSGINV	smpp	44599	45199	45199	44999
SMQGLSSINV	smpp	44602	45202	45202	45002
SMQGLSTINV	smpp	44598	45198	45198	44998
SMQGLSWINV	smpp	44596	45196	45196	44996
SMQGOSELENGTH	smkp	26713	27013	27013	26863
SMQGOSSEND	smkp	26714	27014	27014	26864
SMQGOTIFAIL	dmsdrv	1818	1818	1818	1818
SMQGPHYSERR	smkp	26715	27015	27015	26865
SMQGGQFAIL	dmsdrv	1819	1819	1819	1819
SMQGRDSTATE	dmsdrv	1820	1820	1820	1820
SMQGREADERR	smkp	26716	27016	27016	26866
SMQGREASERR	smkp	26703	27003	27003	26853
SMQGRQTFAIL	dmsdrv	1821	1821	1821	1821
SMQGSEWAIT	smkp	26736	27036	27036	26886
SMQGSIDERR	smkp	26724	27024	27024	26874
SMQGSNDMSGERR	smkp	26718	27018	27018	26868
SMQGSRCERR	smkp	26719	27019	27019	26869
SMQGTAGERR	smkp	26738	27038	27038	26888
SMQGTIMERR	smkp	26731	27031	27031	26881
SMQGTIMIDX	smkp	26733	27033	27033	26883
SMQGTIMOCAD	smkp	26720	27020	27020	26870
SMQGTQGPH	smkp	26729	27029	27029	26879
SMQGTYPERR	smkp	26700	27000	27000	26850
SMQGUNITERR	smkp	26723	27023	27023	26873
SMQGUNLOCK	dmsdrv	1822	1822	1822	1822
SMQGWRTERR	smkp	26722	27022	27022	26872
SMQINITABT	smkp	25654	25954	25954	25804
SMQINVNTWK	dsmkp	300	300	300	300
SMQLACTERR	smkp	26813	27113	27113	26963

SMQLALARMERR	smkp	26831	27131	27131	26981
SMQLBADACT	smkp	26828	27128	27128	26978
SMQLBADERR	smkp	26824	27124	27124	26974
SMQLBADMSG	smkp	26815	27115	27115	26965
SMQLBADTMR	smkp	26826	27126	27126	26976
SMQLBDACTON	smpp	44604	45204	45204	45004
SMQLCMDINV	smpp	44593	45193	45193	44993
SMQLCOMMFAIL	smim	25296	25596	25596	25546
SMQLCREATEERR	smkp	26822	27122	27122	26972
SMQLEGETPROF	smim	25324	25624	25624	25574
	smpp	45206	45206	45006	-
SMQLEMSGINV	smim	25303	25603	25603	25553
SMQLEPINDX	smkp	26827	27127	27127	26977
SMQLEPINV	smim	25283	25583	25583	25533
SMQLEPMGINV	smim	25306	25606	25606	25556
SMQLEPNETINV	smpp	44591	45191	45191	44991
SMQLEPNOTOSDS	smpp	44597	45197	45197	44997
SMQLEPWPINV	smpp	44590	45190	45190	44990
SMQLERRPROF	smim	25325	25625	25625	25575
	smpp	45207	45207	45007	-
SMQLERRTYPINV	smim	25294	25594	25594	25544
	smpp	45194	45194	44994	-
SMQLEVERR	smkp	26814	27114	27114	26964
SMQLGETMSGERR	smkp	26821	27121	27121	26971
SMQLIDQLNK	smim	25328	25628	25628	25578
SMQLINVEP	smkp	26823	27123	27123	26973
SMQLIPIPE	smim	25326	25626	25626	25576
SMQLIQLL	smim	25327	25627	25627	25577
SMQLLMINVST	smim	25333	25633	25633	25583
SMQLMHMSGINV	smpp	44592	45192	45192	44992
SMQLMHPIPE	smim	25292	25592	25592	25542
SMQLMQPSINV	smim	25302	25602	25602	25552
	smpp	45215	45215	45015	-
SMQLN2PB	smpp	44610	45210	45210	45010
SMQLNETINV	smim	25184	25484	25484	25434
	smpp	45211	45211	45011	-
SMQLNKCNT	smim	25297	25597	25597	25547
SMQLNKSNUMINV	smim	25304	25604	25604	25554
SMQLNOMSG	smkp	26812	27112	27112	26962
SMQLOSELENGTH	smkp	26820	27120	27120	26970
SMQLPBKINV	smim	25301	25601	25601	25551
	smpp	45214	45214	45014	-
SMQLPCCONN	smim	25293	25593	25593	25543
SMQLPHYSERR	smkp	26818	27118	27118	26968
SMQLPROFILE	smim	25323	25623	25623	25573
	smpp	45205	45205	45005	-
SMQLQFULL	smpp	44603	45203	45203	45003
SMQLREADERR	smkp	26816	27116	27116	26966
SMQLSMINDX	smkp	26825	27125	27125	26975
SMQLSPACINV	smim	25287	25587	25587	25537
SMQLSPCTIMER	smim	25284	25584	25584	25534
SMQLSPMGINV	smim	25289	25589	25589	25539
SMQLSPOSRTN	smim	25286	25586	25586	25536
SMQLSPREASERR	smim	25285	25585	25585	25535
SMQLSPTMRINV	smim	25288	25588	25588	25538
SMQLSRCERR	smkp	26817	27117	27117	26967
SMQLSTAINV	smim	25291	25591	25591	25541
SMQLTIMO	smkp	26819	27119	27119	26969
SMQLUDINV	smpp	44601	45201	45201	45001
SMQNETCREATE	dsmkp	313	313	313	313
SMQONTCPCD	smkp	25658	25958	25958	25808
SMQOSELNGTH	smim	25321	25621	25621	25571
SMQPACTCMOOS	smim	25322	25622	25622	25572
SMQPDDTIMER	smim	25300	25600	25600	25550
SMQPEQINV	smpp	44613	45213	45213	45013
SMQPIPEABT	smkp	25655	25955	25955	25805
SMQPIPECNT	smkp	25657	25957	25957	25807
SMQPRTINIT	smim	25237	25537	25537	25487
SMQPSTINV	smim	25298	25598	25598	25548
	smpp	45212	45212	45012	-
SMQPUPINV	smim	25299	25599	25599	25549
SMQRSCPF	smkp	25659	25959	25959	25809

SMQRSEQF	smkp	25660	25960	25960	25810

4.52 MNEMONIC INDEX: SMQSTABORT - SXSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
SMQSTABORT	smkp	25653	25953	25953	25803
SMQSTBCFAIL	smkp	25652	25952	25952	25802
SMQUBADMSGTY	dsmkp	303	303	303	303
SMQUENMSGF	dsmkp	309	309	309	309
SMQUINVDQLST	dsmkp	301	301	301	301
SMQUINVPST	dsmkp	312	312	312	312
SMQUSNDSMPF	dsmkp	305	305	305	305
SMQUSTFERR	dsmkp	304	304	304	304
SMQUTIMOUT	dsmkp	286	286	286	286
SMRABADCKT	smim	25362	25662	25662	25612
SMRABADEQL	smim	25361	25661	25661	25611
SMRACPS	smim	25021	25321	25321	25271
SMRADBR	smim	24979	25279	25279	25229
SMRADBW	smim	24978	25278	25278	25228
SMRAHDW	smim	24985	25285	25285	25235
SMRAHID	smim	24986	25286	25286	25236
SMRAMSG	smim	24988	25288	25288	25238
SMRAOS	smim	24987	25287	25287	25237
SMRAPCB	smim	24982	25282	25282	25232
SMRAPM	smim	24993	25293	25293	25243
SMRAPRL	smim	24981	25281	25281	25231
SMRAPRQ	smim	24980	25280	25280	25230
SMRAQUE	smim	24992	25292	25292	25242
SMRARTA	smim	24983	25283	25283	25233
SMRATM	smim	24984	25284	25284	25234
SMRAUID	smim	24989	25289	25289	25239
SMRAVB	smim	24990	25290	25290	25240
SMRAXRF	smim	24991	25291	25291	25241
SMRCENCI	smkp	26335	26635	26635	26485
SMRCINEC	smkp	26337	26637	26637	26487
SMRCINER	smkp	26336	26636	26636	26486
SMRCINRM	smkp	26338	26638	26638	26488
SMRCSPRD	smkp	26334	26634	26634	26484
SMRDACT	smim	24927	25227	25227	25177
SMRDFHINIT	smim	25116	25416	25416	25366
SMRDFHMAIN	smim	25118	25418	25418	25368
SMRDFHTCSC	smim	25128	25428	25428	25378
SMRDFHUXP	smim	25120	25420	25420	25370
SMRDMATE	smim	24925	25225	25225	25175
SMRDNINIT	smim	25183	25483	25483	25433
SMREAIMTG	smkp	25678	25978	25978	25828
SMREALNKTG	smkp	25690	25990	25990	25840
SMREAMMPTG	smkp	25685	25985	25985	25835
SMREAQLPS	smkp	25696	25996	25996	25846
SMREAQPIPE	smkp	25698	25998	25998	25848
SMREASERR	smim	25030	25330	25330	25280
	smkp	26075	26075	25925	-
SMREFBADDAT	smkp	26604	-	-	-
SMREQCMSIM	dmsdrv	1389	1389	1389	1389
SMRIIAIMTG	smkp	25684	25984	25984	25834
SMRLNKRET	smim	25169	25469	25469	25419
SMROTPNF	smim	25168	25468	25468	25418
SMRSCARG	smkp	26552	26852	26852	26702
SMRSCREASON	smkp	26551	26851	26851	26701
SMRSINVESCAL	smkp	26556	26856	26856	26706
SMRSINVMODE	smkp	26554	26854	26854	26704
SMRSINSEQST	smkp	26555	26855	26855	26705
SMRSISPP	smkp	26553	26853	26853	26703
SMRSM2HSM	smkp	25955	26255	-	-
SMRSM2HTU	smim	25428	25728	-	-
SMRSMCHALLOC	smim	25125	25425	25425	25375
SMRSMCHDB	smim	25126	25426	25426	25376
SMRSMCOMM	smim	25170	25470	25470	25420
SMRSM_NAILUP	smim	25114	25414	25414	25364
SMRSMOFST	smkp	25942	26242	26242	26092
SMRSMPCBLA	smim	25127	25427	25427	25377

SMRSTCMSIM	dmsdrv	1387	1387	1387	1387
SMRSTIMEOUT	smkp	26557	26857	26857	26707
SMRTSAP	dsmkp	83	83	83	83
SMS96A01	smim	25081	25381	25381	25331
SMS96A02	smim	25082	25382	25382	25332
SMS96A03	smim	25083	25383	25383	25333
SMS96A04	smim	25084	25384	25384	25334
SMS96A05	smim	25085	25385	25385	25335
SMS96A06	smim	25086	25386	25386	25336
SMS96A07	smim	25087	25387	25387	25337
SMS96A08	smim	25088	25388	25388	25338
SMS96A09	smim	25089	25389	25389	25339
SMS96A10	smim	25090	25390	25390	25340
SMS96A11	smim	25091	25391	25391	25341
SMS96A13	smim	25093	25393	25393	25343
SMS96A14	smim	25094	25394	25394	25344
SMS96A17	smim	25097	25397	25397	25347
SMS96A18	smim	25098	25398	25398	25348
SMS96A19	smim	25099	25399	25399	25349
SMS96A21	smim	25101	25401	25401	25351
SMS96A22	smim	25102	25402	25402	25352
SMS96A24	smim	25104	25404	25404	25354
SMS96A25	smim	25105	25405	25405	25355
SMS96A30	smim	25106	25406	25406	25356
SMS96A31	smim	25107	25407	25407	25357
SMS96A32	smim	25108	25408	25408	25358
SMS96A34	smim	25110	25410	25410	25360
SMS96A35	smim	25111	25411	25411	25361
SMS96A36	smim	25112	25412	25412	25362
SMS96A51	smim	25130	25430	25430	25380
SMS96A60	smim	25147	25447	25447	25397
SMS96A61	smim	25148	25448	25448	25398
SMS96A62	smim	25149	25449	25449	25399
SMS96A63	smim	25150	25450	25450	25400
SMS96A64	smim	25151	25451	25451	25401
SMS96A65	smim	25152	25452	25452	25402
SMS96A66	smim	25153	25453	25453	25403
SMS96A67	smim	25154	25454	25454	25404
SMS96A68	smim	25155	25455	25455	25405
SMS96A69	smim	25156	25456	25456	25406
SMS96BASEFAIL	smim	25165	25465	25465	25415
SMS96CKT	smim	25131	25431	25431	25381
SMS96CTO	smim	25080	25380	25380	25330
SMSCORE	smkp	25650	25950	25950	25800
SMSSENDFAIL	smkp	26018	26318	26318	26168
SMSSENDMSG	smim	25004	25304	25304	25254
SMSEPPDD	smkp	25944	26244	26244	26094
SMSEPSMEST	smim	25195	25495	25495	25445
SMSETLNKTMS	smkp	26351	26651	26651	26501
MSGN_NAMENM	smim	25240	25540	25540	25490
SMSIMS_SIDE	smpp	44608	45208	45208	45008
SMSLCKTERR	smim	25135	25435	25435	25385
SMSLERRNOIMPCK	smim	25158	25458	25458	25408
SMSLERRTYPERR	smim	25157	25457	25457	25407
SMSLNKTMS	smkp	26350	26650	26650	26500
SMSLPRCOUNTERR	smim	25136	25436	25436	25386
SMSLRCVYACTERR	smim	25137	25437	25437	25387
SMSLTHRESHERR	smim	25134	25434	25434	25384
SMSPPFAUD	smim	25277	25577	25577	25527
SMSPLESEQINV	smim	25307	25607	25607	25557
SMSPRSMEST	smim	25133	25433	25433	25383
SMSTCAP	dsmkp	72	72	72	72
SMSWBABORT	smpp	44568	45168	45168	44968
SMSWBAD	smim	25229	25529	25529	25479
SMSWBADACTION	smpp	44564	45164	45164	44964
SMSWBMUPTR	smpp	44567	45167	45167	44967
SMSWBSITYPE	smpp	44569	45169	45169	44969
SMSWCHSIZE	smpp	44572	45172	45172	44972
SMSWGACKF	smpp	44565	45165	45165	44965
SMSWHPQMSG	smpp	44570	45170	45170	44970
SMSWRETSWOS	smpp	44566	45166	45166	44966
SMTBLBAD	smim	25059	25359	25359	25309

SMTIMEOUT	smkp	26022	26322	26322	26172
SMTMCOMM	smkp	26438	26738	26738	26588
SMTMR	smkp	25801	26101	26101	25951
SMTMSCPAUD	smkp	26434	26734	26734	26584
SMTMSDLK	smkp	26356	26656	26656	26506
SMTQ_OVFLW	dsmkp	9	9	9	9
SMTRCUAUD	smim	25407	25707	25707	-
SMTSIBUT	smim	24915	25215	25215	25165
SMTSIDBF	smim	24913	25213	25213	25163
SMTSIUNLK	smim	25145	25445	25445	25395
SMTSMSKERR	smim	25311	25611	25611	25561
SMUECDAP	dsmkp	70	70	70	70
SMUNEXHWSTATE	smpp	44646	45246	45246	45046
SMUNEXPCAL	smim	25334	25634	25634	25584
SMUNITDATNM	smim	25228	25528	25528	25478
SMUNK_ACK	dsmkp	25	25	25	25
SMUNK_EVNT	dsmkp	0	0	0	0
SMUNKFUNTMS	smkp	26360	26660	26660	26510
SMUNK_MSG	dsmkp	12	12	12	12
SMUNKMTST	dsmkp	294	294	294	294
	smkp	26156	26156	26006	-
SMUNKOPTMS	smkp	26339	26639	26639	26489
SMUNKRCVY	smim	24997	25297	25297	25247
SMUNKRQST	smim	25060	25360	25360	25310
SMUNK_TOUT	dsmkp	6	6	6	6
SMUNREC	dsmkp	287	287	287	287
SMUNSEND	dsmkp	291	291	291	291
SMUPACT	smim	24928	25228	25228	25178
SMUPMATE	smim	24926	25226	25226	25176
SMURECAP	dsmkp	82	82	82	82
SMUSER_ERR	dsmkp	8	8	8	8
SMUSER_Q_ERR	dsmkp	15	15	15	15
SMUTYPEBAD	smim	25176	25476	25476	25426
SMVBLIST	smkp	25788	26088	26088	25938
SMVBRLNK	smkp	25785	26085	26085	25935
SMVCOAFP	smkp	25791	26091	26091	25941
SMVDDRWF	smkp	25804	26104	26104	25954
SMVER_CONN	smim	25115	25415	25415	25365
SMVGTUPBD	smkp	25803	26103	26103	25953
SMVIDATA	smkp	25807	26107	26107	25957
SMVINDET	smkp	25792	26092	26092	25942
SMVINVMM	smkp	25783	26083	26083	25933
SMVINVNL	smkp	25786	26086	26086	25936
SMVINVRD	smkp	25797	26097	26097	25947
SMVINVRQ	smkp	25789	26089	26089	25939
SMVISTAT	smkp	25805	26105	26105	25955
SMVIUNIT	smkp	25806	26106	26106	25956
SMVLPRCF	smkp	25812	26112	26112	25962
SMVNFREE	smkp	25784	26084	26084	25934
SMVOORIX	smkp	25787	26087	26087	25937
SMVPCAMS	smkp	25790	26090	26090	25940
SMVQGLIP	smkp	25816	26116	26116	25966
SMVTOP	dmsdrv	1388	1388	1388	1388
SMWAITFAIL	smkp	26021	26321	26321	26171
SMWDGNMMPTG	smkp	25689	25989	25989	25839
SMWGFUNC	dsmkp	293	293	293	293
SMWGMMSG	dsmkp	281	281	281	281
SMWIIAMTG	smkp	25681	25981	25981	25831
SMWIIAMMPTG	smkp	25688	25988	25988	25838
SMWLIST_FILL	dmsdrv	1587	1587	1587	1587
SMWMMPIMTG	smkp	25682	25982	25982	25832
SMWREASON	smim	25063	25363	25363	25313
SMWRTFAIL	smkp	26019	26319	26319	26169
SMWRTNOPCD	smkp	26027	26327	26327	26177
SMWSDLCIMTG	smkp	25683	25983	25983	25833
SMWSTIMTG	smkp	25680	25980	25980	25830
SMWSTLNKTG	smkp	25692	25992	25992	25842
SMWSTMMPTG	smkp	25687	25987	25987	25837
SMWSTQGPTG	smkp	26739	27039	27039	26889
SMWSTQLPSTG	smkp	25693	25993	25993	25843
SMWSTQPIPETG	smkp	25697	25997	25997	25847
SMWSTQTMSTG	smkp	25694	25994	25994	25844

SMWTSMODEBAD	smkp	26603	-	-	-
SMXRFAUDERR	smim	25375	25675	25675	25625
SMXRHSMISMATCH	smim	25381	25681	25681	25631
SNSMASRT	da	20915	21215	21215	21165
SPLMASRT	da	20910	21210	21210	21160
SPSMASRT	da	20908	21208	21208	21158
SQSMASRT	da	21093	21393	21393	21343
SRLMASRT	da	20974	21274	21274	21224
SRSMASRT	da	20975	21275	21275	21225
STLMASRT	da	20895	21195	21195	21145
STSMASRT	da	20891	21191	21191	21141
SULMASRT	da	21013	21313	21313	21263
SUSMASRT	da	21014	21314	21314	21264
SXLMASRT	da	21103	21403	21403	-
SXSMASRT	da	20850	21150	21150	21100

4.53 MNEMONIC INDEX: T7SMASRT - TMLA_KEY

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
T7SMASRT	da	21055	21355	21355	21305
TALMASRT	da	21000	21300	21300	21250
TASMASRT	da	20999	21299	21299	21249
TBLMASRT	da	21022	21322	21322	21272
TBSMASRT	da	21021	21321	21321	21271
TDLMASRT	da	21059	21359	21359	21309
TDSMASRT	da	21051	21351	21351	21301
TELMASRT	da	21026	21326	21326	21276
TESMASRT	da	20927	21227	21227	21177
TGLMASRT	da	20878	21178	21178	21128
TGSMASRT	da	20883	21183	21183	21133
TISMASRT	da	20967	21267	21267	21217
TKLMASRT	da	20880	21180	21180	21130
TLMASRT	da	20912	21212	21212	21162
TM3INCDATA	tm	27420	27720	27720	27570
TM7UBLERR	tm	27578	27878	27878	27728
TMABTTSK	tm	27019	27319	27319	27169
TMACCSDERR	tm	27209	27509	27509	27359
TMACTBFIL	tm	27182	27482	27482	27332
TMAMPCI7GR	tm	27629	27929	27929	-
TMA_NOPID	tm	27547	27847	27847	27697
TMA_NOSIG	tm	27564	27864	27864	27714
TMAPBDBERR	tm	27193	27493	27493	27343
TMAPC_INFO	tm	27433	27733	27733	27583
TMAPTBADRET	tm	27080	27380	27380	27230
TMAQADPERR	tm	27330	27630	27630	27480
TMAQDAPERR	tm	27331	27631	27631	27481
TMAQMODERR	tm	27332	27632	27632	27482
TMASHTERM	tm	27573	27873	27873	27723
TMAUANQ	tm	27572	27872	27872	27722
TMAUAPDU	tm	27561	27861	27861	27711
TMAUDALB	tm	27560	27860	27860	27710
TMAUDPDA	tm	27558	27858	27858	27708
TMAULLM_RDT	tm	27607	27907	27907	-
TMAUNODALB	tm	27565	27865	27865	27715
TMAUNOTEILA	tm	27559	27859	27859	27709
TMAURTMGBUF	tm	27562	27862	27862	27712
TMAUSMEST	tm	27602	27902	27902	27752
TMAUTEILA	tm	27236	27536	27536	27386
TMAUUNIT2RDT	tm	27626	27926	27926	-
TMBADCGATYP	tm	27524	27824	27824	27674
TMBADDATA	tm	27215	27515	27515	27365
TMBADDAY	tm	27079	27379	27379	27229
TMBADDISC	tm	27038	27338	27338	27188
TMBADLIST	tm	27014	27314	27314	27164
TMBADLIT_TC	tm	27118	27418	27418	27268
TMBAD_LMSG	tm	27271	27571	27571	27421
TMBADLPORT	tm	27161	27461	27461	27311
TMBADMAP	tm	27412	27712	27712	27562
TMBADMDII	tm	27124	27424	27424	27274
TMBADMSG	tm	27120	27420	27420	27270
TMBADPARM	tm	27130	27430	27430	27280

TMBADPID	tm	27119	27419	27419	27269
TMBADPOLIST	tm	27090	27390	27390	27240
TMBADSDLREQ	tm	27444	27744	27744	27594
TMBAD_SMSG	tm	27273	27573	27573	27423
TMBADSTATE	tm	27039	27339	27339	27189
TMBADTG2SM	tm	27523	27823	27823	27673
TMBADTMR	tm	27620	27920	27920	-
TMBADWBPR	tm	27185	27485	27485	27335
TMBD_ACK	tm	27297	27597	27597	27447
TMBD_ACTN	tm	27275	27575	27575	27425
TMBDATCN	tm	27280	27580	27580	27430
TMBD_DESTSM	tm	27279	27579	27579	27429
TMBD_DLT_DATA	tm	27276	27576	27576	27426
TMBD_EVNT	tm	27272	27572	27572	27422
TMBDIN_MSG	tm	27300	27600	27600	27450
TMBD_ISMTYPE	tm	27292	27592	27592	27442
TMBD_JOB	tm	27277	27577	27577	27427
TMBD_MATESM	tm	27278	27578	27578	27428
TMBD_MSG	tm	27286	27586	27586	27436
TMBD_OOSDLI	tm	27283	27583	27583	27433
TMBDPTYP	tm	27048	27348	27348	27198
TMBD_RESP	tm	27298	27598	27598	27448
TMBD_SM	tm	27274	27574	27574	27424
TMBLRFULL	tm	27400	27700	27700	27550
TMBR_KEY	tm	27146	27446	27446	27296
TMBR_LA	tm	27168	27468	27468	27318
TMBR_PHIST	tm	27163	27463	27463	27313
TMBR_PORTTYP	tm	27174	27474	27474	27324
TMBR_PRTLST	tm	27170	27470	27470	27320
TMBR_TRUNK	tm	27147	27447	27447	27297
TMC7CADNFAIL	tm	27632	27932	27932	-
TMC7ERR	tm	27581	27881	27881	27731
TMCAMATRK	tm	27106	27406	27406	27256
TMCCSCADN	tm	27478	27778	27778	27628
TMCFHFAIL	tm	27083	27383	27383	27233
TMCFRDT2UNIT	tm	27616	27916	27916	-
TMCGA1ODD	tm	27011	27311	27311	27161
TMCGABLIST	tm	27601	27901	27901	27751
TMCGAC2R	tm	27599	27899	27899	27749
TMCGACKT	tm	27597	27897	27897	27747
TMCGAFAIL	tm	27052	27352	27352	27202
TMCGALIST	tm	27596	27896	27896	27746
TMCGAPORT	tm	27598	27898	27898	27748
TMCGAPTLA	tm	27121	27421	27421	27271
TMCGAREL	tm	27600	27900	27900	27750
TMCGASTAT	tm	27085	27385	27385	27235
TMCGATYPE	tm	27087	27387	27387	27237
TMCHKSLCPC	tm	27322	27622	27622	27472
TMCICLKGRP	tm	27430	27730	27730	27580
TMCKTDATA	tm	27050	27350	27350	27200
TMCKTLPORT	tm	27393	27693	27693	27543
TMCKT_PORT	tm	27540	27840	27840	27690
TMCKTREL	tm	27642	27942	-	-
TMCMKP	tm	27002	27302	27302	27152
TMCNFTDASP	tm	27454	27754	27754	27604
TMCOMMFAIL	tm	27040	27340	27340	27190
TMCOTCHECK	tm	27202	27502	27502	27352
TMC_PHIST	tm	27164	27464	27464	27314
TMC_PORTLA	tm	27169	27469	27469	27319
TMCP TIMEOUT	tm	27067	27367	27367	27217
TMCR_ABRT	tm	27299	27599	27599	27449
TMCRIT_TIMER	tm	27263	27563	27563	27413
TMCRT2DS1	tm	27527	27827	27827	27677
TMCTP	tm	27032	27332	27332	27182
TMCUR_PORTTYP	tm	27175	27475	27475	27325
TMDACATPS	tm	27309	27609	27609	27459
TMDALHPTPN	tm	27305	27605	27605	27455
TMDAMCATPS	tm	27308	27608	27608	27458
TMDASPTPN	tm	27307	27607	27607	27457
TMDA_TIMER	tm	27035	27335	27335	27185
TMDATPSTAT	tm	27306	27606	27606	27456
TMDBAML	tm	27029	27329	27329	27179

TMDBERRS	tm	27156	27456	27456	27306
TMDBRDFAIL	tm	27566	27866	27866	27716
TMDBTLWS	tm	27111	27411	27411	27261
TMDBWS101	tm	27110	27410	27410	27260
TMDCHN_PRI	tm	27550	27850	27850	27700
TMDCOND	tm	27594	27894	27894	27744
TM_DDEIFR	tm	27418	27718	27718	27568
TMDDFAIL	tm	27180	27480	27480	27330
TMDDREAD	tm	27113	27413	27413	27263
TM_DD SMFR	tm	27417	27717	27717	27567
TMDL_CON	tm	27015	27315	27315	27165
TMDTIMER	tm	27131	27431	27431	27281
TMDF2THRS	tm	27511	27811	27811	27661
TMDFITIMER	tm	27049	27349	27349	27199
TMDLSDERR	tm	27194	27494	27494	27344
TMDNOFCPTUP	tm	27232	27532	27532	27382
TMDNTRAN	tm	27137	27437	27437	27287
TMDPB4ISM	tm	27294	27594	27594	27444
TMDPBINIT	tm	27371	27671	27671	27521
TMDPBINV	tm	27186	27486	27486	27336
TMDPC_DPCI	tm	27431	27731	27731	27581
TMDPC_INFO	tm	27432	27732	27732	27582
TMDS12RT	tm	27613	27913	27913	-
TMDSLEQUIP	tm	27359	27659	27659	27509
TMDSLRFMFAIL	tm	27196	27496	27496	27346
TME7ERR	tm	27582	27882	27882	27732
TM_EDDKBD	tm	27413	27713	27713	27563
TMEHBFLR	tm	27404	27704	27704	27554
TMEIDSLNRD	tm	27423	27723	27723	27573
TMEIMSGLE	tm	27407	27707	27707	27557
TMEI_NORD	tm	27411	27711	27711	27561
TMEINOREP	tm	27402	27702	27702	27552
TMEIS_DDUNX	tm	27415	27715	27715	27565
TMEISDEBUG	tm	27381	27681	27681	27531
TMEISDYERR	tm	27382	27682	27682	27532
TMEISMSGER	tm	27380	27680	27680	27530
TMEIS_PSUNX	tm	27416	27716	27716	27566
TMEISSDBERR	tm	27378	27678	27678	27528
TMEIS_SM	tm	27462	27762	27762	27612
TMEISSTCHK	tm	27379	27679	27679	27529
TM_EISYSER	tm	27414	27714	27714	27564
TMEITRSLT	tm	27406	27706	27706	27556
TMELNK_KEY	tm	27422	27722	27722	27572
TME_MSUNEX	tm	27410	27710	27710	27560
TMENDTRN	tm	27068	27368	27368	27218
TMEPREMT	tm	27405	27705	27705	27555
TMEPRNVLD	tm	27408	27708	27708	27558
TMEQLOC	tm	27142	27442	27442	27292
TMEQUIPLPT	tm	27392	27692	27692	27542
TMEQUIPPORT	tm	27474	27774	27774	27624
TMERR_DSLEQ	tm	27515	27815	27815	27665
TMERR_LA	tm	27179	27479	27479	27329
TMERR_PHIST	tm	27167	27467	27467	27317
TMERR_PORT	tm	27176	27476	27476	27326
TMERR_PRTLST	tm	27173	27473	27473	27323
TMETIMOUT	tm	27403	27703	27703	27553
TMFACPROV	tm	27351	27651	27651	27501
TMFAC_PROV	tm	27571	27871	27871	27721
TMFACSTAT	tm	27385	27685	27685	27535
TMFACTHRSH	tm	27520	27820	27820	27670
TMFC_LINE	tm	27036	27336	27336	27186
TMFC_OPRTK	tm	27259	27559	27559	27409
TMFC_PORTYP	tm	27319	27619	27619	27469
TMFCPRTER	tm	27320	27620	27620	27470
TMFC_TRUNK	tm	27009	27309	27309	27159
TMFPMFAIL	tm	27512	27812	27812	27662
TMFRDRLN	tm	27114	27414	27414	27264
TMFTH_LIT	tm	27516	27816	27816	27666
TMGDSFFAIL	tm	27595	27895	27895	27745
TMGETDPB	tm	27157	27457	27457	27307
TMGETISMDB	tm	27506	27806	27806	27656
TMGETLHD	tm	27317	27617	27617	27467

TMGETMSG	tm	27020	27320	27320	27170
TMGETPORT	tm	27006	27306	27306	27156
TMGETPTSB	tm	27198	27498	27498	27348
TMGETTMR	tm	27621	27921	27921	-
TMGHCATPS	tm	27313	27613	27613	27463
TMGL7ERR	tm	27593	27893	27893	27743
TMGLEISEQ	tm	27463	27763	27763	27613
TMGLESNXPR	tm	27465	27765	27765	27615
TMGLRDERR	tm	27585	27885	27885	27735
TMGLUPDERR	tm	27452	27752	27752	27602
TMGRSBUFFUL	tm	27576	27876	27876	27726
TMGRSFAIL	tm	27590	27890	27890	27740
TMGRSORIG	tm	27575	27875	27875	27725
TMGSM_OPC	tm	27428	27728	27728	27578
TMHISDFIPM	tm	27513	27813	27813	27663
TMHMACK	tm	27043	27343	27343	27193
TMIALENDX	tm	27325	27625	27625	27475
TMICMTC	tm	27034	27334	27334	27184
TMICRFT_MSG	tm	27281	27581	27581	27431
TMIDLETMR	tm	27619	27919	27919	-
TMIDLSTAT	tm	27324	27624	27624	27474
TMIFNADD	tm	27327	27627	27627	27477
TMIFNDEL	tm	27328	27628	27628	27478
TMIFNURT	tm	27329	27629	27629	27479
TMIHMERR	tm	27058	27358	27358	27208
TMILSDPOL	tm	27258	27558	27558	27408
TMIMTCKT	tm	27370	27670	27670	27520
TMIMT_KS	tm	27369	27669	27669	27519
TMIMTRKG	tm	27368	27668	27668	27518
TMIMXJBS	tm	27326	27626	27626	27476
TMINCINTDATA	tm	27363	27663	27663	27513
TMINCPTLH	tm	27312	27612	27612	27462
TMINCPTPN	tm	27310	27610	27610	27460
TMINCPTTP	tm	27311	27611	27611	27461
TMINCRECDATA	tm	27027	27327	27327	27177
TMINHCORC	tm	27635	27935	27935	-
TMINSPTPN	tm	27316	27616	27616	27466
TMINSTPS	tm	27315	27615	27615	27465
TMINV_APMTYP	tm	27563	27863	27863	27713
TMINVCLLI	tm	27636	27936	27936	-
TMINV_DATA	tm	27060	27360	27360	27210
TMINVJOB	tm	27155	27455	27455	27305
TMINVPH	tm	27152	27452	27452	27302
TMINVPRI	tm	27154	27454	27454	27304
TMINVPROT	tm	27354	27654	27654	27504
TMINVPSTAT	tm	27216	27516	27516	27366
TMINVREQ	tm	27473	27773	27773	27623
TMINVSCOPE	tm	27149	27449	27449	27299
TMINVXLDATA	tm	27217	27517	27517	27367
TMIPCI7LAB	tm	27589	27889	27889	27739
TMISCLCNT	tm	27151	27451	27451	27301
TMISDBHC	tm	27084	27384	27384	27234
TMIS_FAIL	tm	27172	27472	27472	27322
TMISINVPOR	tm	27099	27399	27399	27249
TMISM_GLOBAL	tm	27270	27570	27570	27420
TMISMHSMDLI	tm	27282	27582	27582	27432
TMISMPATH	tm	27238	27538	27538	27388
TMISMRS	tm	27265	27565	27565	27415
TMISMSEND	tm	27295	27595	27595	27445
TMISPABUF	tm	27082	27382	27382	27232
TMISPATPC	tm	27235	27535	27535	27385
TMISPP	tm	27150	27450	27450	27300
TMIST_TRUNK	tm	27267	27567	27567	27417
TMITAC	tm	27373	27673	27673	27523
TMITDC	tm	27372	27672	27672	27522
TMITIS	tm	27375	27675	27675	27525
TMIV_REFR	tm	27287	27587	27587	27437
TML3PRIMERR	tm	27183	27483	27483	27333
TMLAB7PRT	tm	27577	27877	27877	27727
TMLA_FULL	tm	27177	27477	27477	27327
TMLA_KEY	tm	27178	27478	27478	27328

4.54 MNEMONIC INDEX: TMLGRPMEM - TTSMASRT

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
TMLGRPMEM	tm	27426	27726	27726	27576
TMLITDUR	tm	27116	27416	27416	27266
TMLITINIT	tm	27078	27378	27378	27228
TMLITOVFL	tm	27127	27427	27427	27277
TMLKTSTTBL	tm	27197	27497	27497	27347
TMLLM_IDCU	tm	-	-	27837	27687
TMLNKBPH	tm	27097	27397	27397	27247
TMLNKGRP	tm	27429	27729	27729	27579
TMLNKIPH	tm	27095	27395	27395	27245
TMLNKP_LS	tm	27427	27727	27727	27577
TMLNKPOPH	tm	27093	27393	27393	27243
TMLNKPTLA	tm	27091	27391	27391	27241
TMLNKTMR	tm	27618	27918	27918	-
TMLNOFCPTUP	tm	27233	27533	27533	27383
TMLOAD_IST	tm	27291	27591	27591	27441
TMLOOPDBERR	tm	27181	27481	27481	27331
TMLS_GRP	tm	27425	27725	27725	27575
TMLS_LNK	tm	27424	27724	27724	27574
TMMC7IFAIL	tm	27587	27887	27887	27737
TMMC7TFULL	tm	27588	27888	27888	27738
TMMC7TZAP	tm	27586	27886	27886	27736
TMMCAHPTLA	tm	27592	27892	27892	27742
TMMISPCI7LAB	tm	27637	27937	-	-
TMMODATT	tm	27141	27441	27441	27291
TM_MODATT	tm	27304	27604	27604	27454
TMMSGENAB	tm	27005	27305	27305	27155
TMMSGLOSS	tm	27195	27495	27495	27345
TMNOAMPCI7GR	tm	27480	27780	27780	27630
TMNO_BSERV	tm	27628	27928	27928	-
TMNOCCB	tm	27024	27324	27324	27174
TMNOCCODE	tm	27479	27779	27779	27629
TMNOCDBCOM	tm	27123	27423	27423	27273
TMNOCKTDATA	tm	27603	27903	27903	27753
TMNOCKTSOP	tm	27396	27696	27696	27546
TMNODS1_PT	tm	27580	27880	27880	27730
TMNODSCNLUP	tm	27574	27874	27874	27724
TMNODSLEQUIP	tm	27384	27684	27684	27534
TMNOEQUIPDSL	tm	27475	27775	27775	27625
TMNOFC_LINE	tm	27387	27687	27687	27537
TMNOFC_PORT	tm	27388	27688	27688	27538
TMNOFC_TRUNK	tm	27486	27786	27786	27636
TMNOGROUP_P	tm	27476	27776	27776	27626
TMNOHCELL	tm	27253	27553	27553	27403
TMNOHIST	tm	27100	27400	27400	27250
TMNOISMPH	tm	27293	27593	27593	27443
TMNOLOCEQ	tm	27477	27777	27777	27627
TMNOLPT_PT	tm	27386	27686	27686	27536
TMNOL_SPID	tm	27389	27689	27689	27539
TMNOMDPATH	tm	27160	27460	27460	27310
TMNOMODATT	tm	27482	27782	27782	27632
TMNOMSG	tm	27055	27355	27355	27205
TMNOMTBS96	tm	27483	27783	27783	27633
TMNONREASON	tm	27026	27326	27326	27176
TMNOODPSOP	tm	27397	27697	27697	27547
TMNOPCI7GR	tm	27481	27781	27781	27631
TMNOPICB	tm	27484	27784	27784	27634
TMNOPORTLA	tm	27013	27313	27313	27163
TMNOPPDPSOP	tm	27398	27698	27698	27548
TMNOPRT_GRP	tm	27485	27785	27785	27635
TMNOPSX25LN	tm	27391	27691	27691	27541
TMNOPTYPE	tm	27159	27459	27459	27309
TMNOQMSG	tm	27269	27569	27569	27419
TMNORC_EQLOC	tm	27487	27787	27787	27637
TMNORETRN	tm	27001	27301	27301	27151
TMNOROUT	tm	27488	27788	27788	27638
TMNORT_TRKG	tm	27489	27789	27789	27639
TMNOSPID	tm	27390	27690	27690	27540
TMNOTG2SM	tm	27522	27822	27822	27672

TMNOTIMR	tm	27115	27415	27415	27265
TMNOTPHPORT	tm	27231	27531	27531	27381
TMNOTRAN	tm	27072	27372	27372	27222
TMNOTRKG	tm	27076	27376	27376	27226
TMNXTPORT	tm	27188	27488	27488	27338
TMODPLPORT	tm	27394	27694	27694	27544
TMOEINFO	tm	27138	27438	27438	27288
TMOFFPAR	tm	27257	27557	27557	27407
TMOHMERR	tm	27057	27357	27357	27207
TMOOSTMR	tm	27056	27356	27356	27206
TMOPBADRET	tm	27022	27322	27322	27172
TMOPDBPARM	tm	27334	27634	27634	27484
TMOPNTRN	tm	27126	27426	27426	27276
TMOSARGUMENT	tm	27364	27664	27664	27514
TMOSCREATE	tm	27365	27665	27665	27515
TMOSFAP	tm	27204	27504	27504	27354
TMOSLTIME	tm	27117	27417	27417	27267
TMOSREASON	tm	27017	27317	27317	27167
TMOSRESTART	tm	27018	27318	27318	27168
TMOSTIMER	tm	27366	27666	27666	27516
TMOSTMR	tm	27622	27922	27922	-
TMOUTCINDX7	tm	27579	27879	27879	27729
TMP7ERR	tm	27583	27883	27883	27733
TMPCLL	tm	27088	27388	27388	27238
TMPC_MSUSG	tm	27490	27790	27790	27640
TMPCTFERR	tm	27230	27530	27530	27380
TMPPGGINFO	tm	27069	27369	27369	27219
TMPHIST_FULL	tm	27165	27465	27465	27315
TMPH_KEY	tm	27166	27466	27466	27316
TMPHRTCONG	tm	27348	27648	27648	27498
TMPMDSLGRP	tm	27535	27835	27835	27685
TMPMFACGRP	tm	27518	27818	27818	27668
TMPMFACINT	tm	27470	27770	27770	27620
TMPMTHRESH	tm	27536	27836	27836	27686
TMPMTHUD	tm	27434	27734	27734	27584
TMPMUNIT2RDT	tm	27614	27914	27914	-
TMPMUXPMSG	tm	27362	27662	27662	27512
TMPOFC_PINC	tm	27102	27402	27402	27252
TMPOPHINC	tm	27101	27401	27401	27251
TMPORTBUSY	tm	27383	27683	27683	27533
TMPORTCOND	tm	27441	27741	27741	27591
TMPORTIS	tm	27399	27699	27699	27549
TMPORTLA	tm	27064	27364	27364	27214
TMPORTLA_DATA	tm	27627	27927	27927	-
TMPOSDBERR	tm	27162	27462	27462	27312
TMPOSNUM	tm	27045	27345	27345	27195
TMPOSSDERR	tm	27192	27492	27492	27342
TMPOSTPERR	tm	27255	27555	27555	27405
TMPPDLPORT	tm	27395	27695	27695	27545
TMPRIDST_ERR	tm	27643	-	-	-
TMPRI_FACS	tm	27551	27851	27851	27701
TMPRI_GRP	tm	27549	27849	27849	27699
TMPRIINV	tm	27548	27848	27848	27698
TMPRISTAT_DATA	tm	27630	27930	27930	-
TMPRIST_ERR	tm	27633	27933	27933	-
TMPRISTINV	tm	27552	27852	27852	27702
TMPROVERR	tm	27532	27832	27832	27682
TMPROVUERR	tm	27533	27833	27833	27683
TMPRT6LAB	tm	27491	27791	27791	27641
TMPRT7LAB	tm	27492	27792	27792	27642
TMPRTCLS	tm	27514	27814	27814	27664
TMPRT_FULL	tm	27171	27471	27471	27321
TMPRT_PCIFAIL	tm	27623	27923	27923	-
TMPSATIMER	tm	27089	27389	27389	27239
TMPSBADRET	tm	27066	27366	27366	27216
TMPSTRK_L2	tm	27374	27674	27674	27524
TMPSTRUNKS	tm	27239	27539	27539	27389
TMPTRDBERR	tm	27213	27513	27513	27363
TMPTRMTPER	tm	27377	27677	27677	27527
TMPVMAPINIT	tm	27538	27838	27838	27688
TMQRYDBERR	tm	27214	27514	27514	27364
TMQUEFULL	tm	27570	27870	27870	27720

TMRC_TKXCFail	tm	27625	27925	27925	-
TMRC_TRKFail	tm	27624	27924	27924	-
TMRDLI	tm	27268	27568	27568	27418
TMRDT2UNIT	tm	27608	27908	27908	-
TMRDTARD	tm	27505	27805	27805	27655
TMREAD_MM	tm	27264	27564	27564	27414
TMRECVW	tm	27003	27303	27303	27153
TMRETRN	tm	27000	27300	27300	27150
TMRISSDERR	tm	27254	27554	27554	27404
TMRLFACPM	tm	27517	27817	27817	27667
TMRMDSLFL	tm	27184	27484	27484	27334
TMRMSDBINIT	tm	27261	27561	27561	27411
TMRPCU2NDN	tm	27606	27906	27906	27756
TMRT2DS1	tm	27521	27821	27821	27671
TMRTA5FAIL	tm	27237	27537	27537	27387
TMRTAFail	tm	27051	27351	27351	27201
TM RTE_FAIL	tm	27129	27429	27429	27279
TMRTLAPD	tm	27531	27831	27831	27681
TMRT_MISC	tm	27530	27830	27830	27680
TMRTSMBLK	tm	27289	27589	27589	27439
TMS96ABSIG	tm	27526	27826	27826	27676
TMS96DDB	tm	27109	27409	27409	27259
TMS96DIODE	tm	27108	27408	27408	27258
TMS96EQUIP	tm	27355	27655	27655	27505
TMS96SMTB	tm	27107	27407	27407	27257
TMSDLCOTYP	tm	27435	27735	27735	27585
TMSDLI	tm	27288	27588	27588	27438
TMSDLLPTYPE	tm	27440	27740	27740	27590
TMSEGMENT	tm	27191	27491	27491	27341
TMSSENDMSG	tm	27021	27321	27321	27171
TMSENDPW	tm	27004	27304	27304	27154
TMSKCN	tm	27073	27373	27373	27223
TMSL2TEC	tm	27227	27527	27527	27377
TMSMASRT	da	20945	21245	21245	21195
TMSMDCHN	tm	-	27487	27487	27337
TMSMEST	tm	27352	27652	27652	27502
TMSMIDLSTAT	tm	27323	27623	27623	27473
TMSMIMSEND	tm	27028	27328	27328	27178
TMSTADDFail	tm	27546	27846	27846	27696
TMSTATUS	tm	27010	27310	27310	27160
TMT7ERR	tm	27584	27884	27884	27734
TMTAPOSDBERR	tm	27212	27512	27512	27362
TMTEDBLNK	tm	27361	27661	27661	27511
TMTEILA_DATA	tm	27631	27931	27931	-
TMTERAFail	tm	27122	27422	27422	27272
TMTERAUP	tm	27125	27425	27425	27275
TMTFBADREASON	tm	27234	27534	27534	27384
TMTGRPRK	tm	27493	27793	27793	27643
TMTLWSUJOB	tm	27033	27333	27333	27183
TMTMS_INTER	tm	27284	27584	27584	27434
TMTPCBUF	tm	27081	27381	27381	27231
TMTRANBAD	tm	27591	27891	27891	27741
TMTRK_ERR	tm	27148	27448	27448	27298
TMTTATFail	tm	27189	27489	27489	27339
TMTTSTDATA	tm	27031	27331	27331	27181
TMTTSTYPE	tm	27030	27330	27330	27180
TMULNKBPH	tm	27098	27398	27398	27248
TMULNKIPH	tm	27096	27396	27396	27246
TMULNKPPOP	tm	27094	27394	27394	27244
TMULNKPTLA	tm	27092	27392	27392	27242
TMULNKTM	tm	27617	27917	27917	-
TMUMSGNOR	tm	27070	27370	27370	27220
TMUNERR	tm	27007	27307	27307	27157
TMUNEXEVNT	tm	27153	27453	27453	27303
TMUNEXRTN	tm	27158	27458	27458	27308
TMUNIT2RDT	tm	27615	27915	27915	-
TMUNIT_CKT	tm	27541	27841	27841	27691
TMUNKCLS	tm	27133	27433	27433	27283
TMUNK_SM	tm	27302	27602	27602	27452
TMUNK_TIMER	tm	27201	27501	27501	27351
TMUNK_VALUE	tm	27208	27508	27508	27358
TMUNLIST	tm	27008	27308	27308	27158

TMUNLKLH	tm	27314	27614	27614	27464
TMUNXP_TIMER	tm	27296	27596	27596	27446
TMUPCAMCA	tm	27318	27618	27618	27468
TMUPDCADN	tm	27504	27804	27804	27654
TMUPDERR	tm	27567	27867	27867	27717
TMUPDSMEST	tm	27353	27653	27653	27503
TMUPPAGE	tm	27042	27342	27342	27192
TMUSNOPRTLA	tm	27421	27721	27721	27571
TMUXALMTYPE	tm	27143	27443	27443	27293
TMUXDFITYPE	tm	27145	27445	27445	27295
TMUXPMMSG	tm	27054	27354	27354	27204
TMUXR_GDCHK	tm	27464	27764	27764	27614
TMVPIDB	tm	27442	27742	27742	27592
TMWDBRD_FAIL	tm	27529	27829	27829	27679
TMWGETMSG	tm	27016	27316	27316	27166
TMWGMFAIL	tm	27242	27542	27542	27392
TMWGTFAIL	tm	27243	27543	27543	27393
TMXAMPCI7GR	tm	27634	27934	27934	-
TMXDSLEQUIP	tm	27376	27676	27676	27526
TMX_ISM	tm	27321	27621	27621	27471
TMXPICB	tm	27135	27435	27435	27285
TMXPORTLA	tm	27136	27436	27436	27286
TMXSMEST	tm	27134	27434	27434	27284
TMZOMBIE	tm	27210	27510	27510	27360
TNSMASRT	da	21018	21318	21318	21268
TOLMASRT	da	20881	21181	21181	21131
TOSMASRT	da	21001	21301	21301	21251
TP_BADMSG	op	34039	-	-	-
TPBADTCPMSG	op	34051	-	-	-
TPDBOPFAIL	op	34044	-	-	-
TPGLTCPKPTINVAL	op	34041	-	-	-
TPINCORRECTHDR	op	34053	-	-	-
TP_INVACTION	op	34046	-	-	-
TP_INVALHDRSEQ	op	34050	-	-	-
TPINVLKSTATE	op	34048	-	-	-
TP_INVCTRL	op	34047	-	-	-
TPINERROR	op	34040	-	-	-
TPINVLDPROC	op	34045	-	-	-
TPLMASRT	da	20921	21221	21221	21171
TPNODALB	op	34037	-	-	-
TPNOPORTYPE	op	34038	-	-	-
TP_NOSHORTBNDRY	op	34052	-	-	-
TPOPDBFAIL	op	34036	-	-	-
TPOPPRFAIL	op	34035	-	-	-
TP_RANGE	op	34043	-	-	-
TPRCV_ERROR	op	34049	-	-	-
TPSMASRT	da	20913	21213	21213	21163
TQSMASRT	da	20866	21166	21166	21116
TRBADMSG	trc	33675	33905	33905	33755
TRBAD_SM	trc	33676	33906	33906	33756
TRSMASRT	da	20985	21285	21285	21235
TRSYSPROC	trc	33677	33907	33907	33757
TSLMASRT	da	20873	21173	21173	21123
TSSMASRT	da	20858	21158	21158	21108
TTSMASRT	da	20997	21297	21297	21247

4.55 MNEMONIC INDEX: U - Z

MNEMONIC	RANGE	5E14	5E13	5E12	5E11
UC_EADRS	cm	20769	21069	21069	-
UC_ECOUNT	cm	20770	21070	21070	-
UC_EL1	cm	20767	21067	21067	-
UC_EPICB	cm	20768	21068	21068	-
UC_EUSER	cm	20771	21071	21071	-
UCSMASRT	da	21116	-	-	-
UDLMASRT	da	21063	21363	21363	21313
UDSMASRT	da	21064	21364	21364	21314
UPBADADDR	up	27726	28026	28026	27876
UPBADCKT	up	27722	28022	28022	27872
UPBADMH	up	27703	28003	28003	27853
UPBADMODE	up	27728	28028	28028	27878

UPBADPICB	up	27723	28023	28023	27873
UPBADSMEST	up	27732	28032	28032	27882
UPBADSTAT	up	27733	28033	28033	27883
UPCKT2CX	up	27725	28025	28025	27875
UPCKTDATA	up	27731	28031	28031	27881
UPCPLIST	up	27718	28018	28018	27868
UPDFADRER	up	27704	28004	28004	27854
UPDNCKT	up	27734	28034	28034	27884
UPFAPFAIL	up	27720	28020	28020	27870
UPIDSCUD	dup	2750	2750	2750	2750
UPIMCDA	up	27712	28012	28012	27862
UPIMCDTVM	up	27705	28005	28005	27855
UPIMCH2K	up	27711	28011	28011	27861
UPIMCHADR	up	27709	28009	28009	27859
UPIMCHEQU	up	27710	28010	28010	27860
UPIMCHMM	up	27708	28008	28008	27858
UPIMCTTVM	up	27706	28006	28006	27856
UPIMCTX	up	27707	28007	28007	27857
UPIMDESV	up	27701	28001	28001	27851
UPIMHSER	up	27702	28002	28002	27852
UPIMLIST	up	27719	28019	28019	27869
UPIMRBIH	up	27714	28014	28014	27864
UPIMRD	up	27716	28016	28016	27866
UPIMRIBH	up	27713	28013	28013	27863
UPIMRIL	up	27717	28017	28017	27867
UPIMRRBH	up	27715	28015	28015	27865
UPIMTVSV	up	27700	28000	28000	27850
UPODRULK	up	27729	28029	28029	27879
UPPHMSGERR	up	27721	28021	28021	27871
UPPHN2PH	up	27724	28024	28024	27874
UPSMASRT	da	21114	-	-	-
UPSMEST	up	27735	28035	28035	27885
UPTMXMSG	up	27736	28036	28036	27886
UPUNITCKT	up	27730	28030	28030	27880
USSMASRT	da	20955	21255	21255	21205
UTLAST	ut	27800	28100	28100	27950
UTSMASRT	da	21050	21350	21350	21300
VCSMASRT	da	21110	21410	-	-
VLLMASRT	da	21065	21365	21365	21315
XCCSBADMSG	ccs	28607	28907	28907	28757
XDSMASRT	da	21121	-	-	-
XLSMASRT	da	21122	-	-	-
XNSMASRT	da	21126	-	-	-
XPCOSWGT	pc	23072	-	-	-
XPSMASRT	da	21082	21382	21382	21332
XRSMASRT	da	20863	21163	21163	21113
XTMBADMSGEN	tm	27223	27523	27523	27373
XTMMODATT	tm	27225	27525	27525	27375
XTMNOPTYP	tm	27229	27529	27529	27379
XTMRTR_FAIL	tm	27226	27526	27526	27376
XTMSLIMCPP	dxslim	3874	-	-	-
XTMSLIMFP	dxslim	3871	-	-	-
XTMSLIMIPP	dxslim	3872	-	-	-
XTMSLIMMET	dxslim	3873	-	-	-
XTMSLIMPSU	dxslim	3870	-	-	-
XTMSLIMRMT	dxslim	3875	-	-	-
XTMSLIMSMT	dxslim	3876	-	-	-
XTMSLRLT	tm	27219	27519	27519	27369
XTMTERALOG	dxtera	3576	3576	3576	3576
XTMTERAPDK	dxtera	3577	3577	3577	3577
XTMTERARDK	dxtera	3578	3578	3578	3578
XTMTERASEG	dxtera	3575	3575	3575	3575
XTMTERAUX	dxtera	3580	3580	3580	3580
XTMTERAWDK	dxtera	3579	3579	3579	3579
XTSMASRT	da	21123	-	-	-

5. NUMERIC INDEXES

New *UNIX*® Command For Accessing Assert Descriptions

A new command to access assert descriptions has been added to the 5E13 Software Release. Entered at a *UNIX*® prompt, it will output the assert mnemonic and description. To find the mnemonic and assert description of an assert error code, enter the following at a *UNIX*® prompt:

```
assert <error code>
```

USING THE NUMERIC INDEXES

This section lists the numeric assert error codes for each software release. To use this section, look up the error code from an assert output message in the appropriate subsection of the Numeric Indexes (for example, if your office is running under the 5E14 software release, look for the error code in the 5E14 Numeric Index subsection.) When you find the error code, note the range and mnemonic for that error code. Find the range in the appropriate subsection of the Assert Descriptions section, then look up the mnemonic within that range. (Sections 6 , 7 or 8).

ASSERT ERROR CODES

A group of assert error codes has been assigned to each *5ESS*® switch subsystem or major area of development (range) within a subsystem. If a subsystem outgrows its assigned limits during the development of a software release, its group of codes is grown, which may force the upper and lower limits for other subsystems to shift. The following example shows that the assert error code limits for the system integrity (SI) subsystem shifted between software releases.

Limits	Software Release
24550-24968	5E11
24600-25018	5E12
24600-25018	5E13
24300-24718	5E14

A shift in the assert error code limits between software releases may result in an individual assert mnemonic having different assert error codes in different software releases. It is, therefore, important to reference the mnemonic, the error code, and the software release when escalating an assert problem to your next level of support. The following error codes are for the INPORTLA mnemonic which is an assert found in the SI subsystem.

Mnemonic	Error Code	Software Release
INPORTLA	24760	5E11
INPORTLA	24810	5E12
INPORTLA	24810	5E13
INPORTLA	24510	5E14

PROCESSOR RECOVERY MESSAGE CODES

The Processor Recovery Message (PRM) codes listed in the Numeric Indexes are the hexadecimal equivalents of the assert error codes. If an assert occurs when the AM is not fully operational, a PRM will print in which the fifth digit is "C," the sixth digit is "0," and the thirteenth through sixteenth digits are the assert number in hexadecimal. For example, in the following PRM, the assert error code is 0AB2 in hexadecimal.

```
EE41 C000 0000 0AB2
```

For asserts in PRMs, no additional messages such as stack trace or stack frames are printed.

5E11 Numeric Index

1. 5E11 Numeric Index: 0-949

ERROR CODE	PRM CODE	RANGE	MNEMONIC
0	0	dsmkp	SMUNK_EVNT
6	6	dsmkp	SMUNK_TOUT
7	7	dsmkp	SM7SK_Q_ERR
8	8	dsmkp	SMUSER_ERR
9	9	dsmkp	SMTQ_OVFLW
10	a	dsmkp	SMNOMSGE
11	b	dsmkp	SMBAD_TOUT
12	c	dsmkp	SMUNK_MSG
13	d	dsmkp	SMCILBLCL
14	e	dsmkp	SMCRIT_VIOL
15	f	dsmkp	SMUSER_Q_ERR
16	10	dsmkp	SMCNOPT
17	11	dsmkp	SMBAD_USTATE
18	12	dsmkp	SMNO_AIM
19	13	dsmkp	SMNO_TQE
20	14	dsmkp	SMNO_PORT
21	15	dsmkp	SMNO_CMKP
22	16	dsmkp	SMCMOPFAIL
23	17	dsmkp	SMNODPCD
24	18	dsmkp	SMNONPCD
25	19	dsmkp	SMUNK_ACK
26	1a	dsmkp	SMBADACK
27	1b	dsmkp	SMCPRCSP
28	1c	dsmkp	SMCSWFLT
50	32	dsmkp	SMBADMSG
51	33	dsmkp	SMBADPAR
52	34	dsmkp	SMBACTYPE
53	35	dsmkp	SMNOMSG
54	36	dsmkp	SM54BADACK
55	37	dsmkp	SMPCDERR
56	38	dsmkp	SMNOPCD
57	39	dsmkp	SMNOEQUIP
60	3c	dsmkp	SM60BADMSG
61	3d	dsmkp	SMBDMSTYP
62	3e	dsmkp	SMBADPCD
63	3f	dsmkp	SMBDCALL
64	40	dsmkp	SMCONAP
65	41	dsmkp	SMMEAP
66	42	dsmkp	SMGTMAP
67	43	dsmkp	SMNOSLOTAP
68	44	dsmkp	SMEECDAP
69	45	dsmkp	SMOPENAP
70	46	dsmkp	SMUECDAP
71	47	dsmkp	SMHMAP
72	48	dsmkp	SMSTCAP
73	49	dsmkp	SMKP73
74	4a	dsmkp	SMKP74
75	4b	dsmkp	SMKP75
76	4c	dsmkp	SMKP76
77	4d	dsmkp	SMKP77
78	4e	dsmkp	SMKP78
79	4f	dsmkp	SMKP79
80	50	dsmkp	SMKP80
81	51	dsmkp	SMKP81
82	52	dsmkp	SMURECAP
83	53	dsmkp	SMRTSAP
84	54	dsmkp	SMLINKBAD
85	55	dsmkp	SMBADhHMSG
86	56	dsmkp	SMMAPBAD
88	58	dsmkp	SMKP88
89	59	dsmkp	SMKP89
90	5a	dsmkp	SMKP90
100	64	dsmkp	SMASTONP
101	65	dsmkp	SMASTOBRPT
102	66	dsmkp	SMASTDBRDF

103		67	dsmkp	SMBDINCV
104		68	dsmkp	SMIIONLP
105		69	dsmkp	SMIIONPCD
106		6a	dsmkp	SMIIONLRM
107		6b	dsmkp	SMIIONNR
108		6c	dsmkp	SMIIONAR
109		6d	dsmkp	SMIISONP
110		6e	dsmkp	SMIISONOPCD
111		6f	dsmkp	SMIISOBM
112		70	dsmkp	SMIISOCARD
113		71	dsmkp	SMIIAAUE
150		96	dsmkp	SMAUBINT
151		97	dsmkp	SMAUBERR
152		98	dsmkp	SMAUBSWT
153		99	dsmkp	SMAUBRST
154		9a	dsmkp	SMAUBRMU
155		9b	dsmkp	SMAUBADT
156		9c	dsmkp	SMAUCLK
157		9d	dsmkp	SMAUBTYP
158		9e	dsmkp	SMAUBREQ
159		9f	dsmkp	SMAUBMSG
160		a0	dsmkp	SMAUBSDE
162		a2	dsmkp	SMAUTLNK
163		a3	dsmkp	SMAUTADT
165		a5	dsmkp	SMAUTPRM
166		a6	dsmkp	SMAURTER
167		a7	dsmkp	SMAURFLK
168		a8	dsmkp	SMAUBTYM
169		a9	dsmkp	SMAUBSTA
170		aa	dsmkp	SMAUBSNT
200		c8	dsmkp	SMNCINCL
201		c9	dsmkp	SMNCINRF
202		ca	dsmkp	SMNCRDCL
203		cb	dsmkp	SMNCRDF
204		cc	dsmkp	SMNCPSRF
205		cd	dsmkp	SMNCRPRF
206		ce	dsmkp	SMNCSPMD
207		cf	dsmkp	SMNCSPCM
208		d0	dsmkp	SMNCSPPR
209		d1	dsmkp	SMNCSPFN
210		d2	dsmkp	SMNCRWTD
211		d3	dsmkp	SMNCLBTO
212		d4	dsmkp	SMNCANYM
213		d5	dsmkp	SMNCCMMT
214		d6	dsmkp	SMNCTGUN
215		d7	dsmkp	SMNCSHMT
216		d8	dsmkp	SMNCDMMT
217		d9	dsmkp	SMNCCMFP
218		da	dsmkp	SMNCFRAC
219		db	dsmkp	SMNCFRSC
220		dc	dsmkp	SMNCFRAR
221		dd	dsmkp	SMNCFRRC
222		de	dsmkp	SMNCIMRF
223		df	dsmkp	SMNCMDMD
224		e0	dsmkp	SMNCRIST
225		e1	dsmkp	SMNCRITL
226		e2	dsmkp	SMNCRIPS
227		e3	dsmkp	SMNCRISS
228		e4	dsmkp	SMNCRIXS
229		e5	dsmkp	SMNCRIRP
230		e6	dsmkp	SMNCRICS
231		e7	dsmkp	SMNCRIDS
232		e8	dsmkp	SMNCRICE
233		e9	dsmkp	SMNCADPR
234		ea	dsmkp	SMNCADSR
235		eb	dsmkp	SMNCADXC
236		ec	dsmkp	SMNCADUN
237		ed	dsmkp	SMNCSCER
238		ee	dsmkp	SMNCSRRF
239		ef	dsmkp	SMNCSRER
240		f0	dsmkp	SMNCRRAC
241		f1	dsmkp	SMNCSMMD

242	f2	dsmkp	SMNCRRF1
243	f3	dsmkp	SMNCRRER
244	f4	dsmkp	SMNCRRWC
245	f5	dsmkp	SMNCRCCL
246	f6	dsmkp	SMNCTTYO
250	fa	dsmkp	SMDMCMKP
251	fb	dsmkp	SMDMOUTMSG
252	fc	dsmkp	SMDMPARAM
253	fd	dsmkp	SMDMSCPCHK
254	fe	dsmkp	SMDMINVDLI
255	ff	dsmkp	SMDMGDOOR
256	100	dsmkp	SMDMMSTYPE
257	101	dsmkp	SMDMACTION
258	102	dsmkp	SMDMBADLOG
259	103	dsmkp	SMDMILLID
260	104	dsmkp	SMDMREADST
261	105	dsmkp	SMDMNODSPY
262	106	dsmkp	SMDMMSGEN
263	107	dsmkp	SMDMCONPORT
264	108	dsmkp	SMDMFRDTUP
265	109	dsmkp	SMDMINVUNIT
266	10a	dsmkp	SMDMNOTFND
267	10b	dsmkp	SMDMETYPE
268	10c	dsmkp	SMDMQSEND
269	10d	dsmkp	SMDMONCREATE
272	110	dsmkp	SMDMDDREAD
273	111	dsmkp	SMDMIPARM
274	112	dsmkp	SMDMDLINP
275	113	dsmkp	SMDMBADQREQ
276	114	dsmkp	SMDMODDFAIL
277	115	dsmkp	SMDMPASFAIL
280	118	dsmkp	SMNOPC
281	119	dsmkp	SMWGMMSG
282	11a	dsmkp	SMNOSCAN
283	11b	dsmkp	SMCNTDGN
284	11c	dsmkp	SMINVSTATE
285	11d	dsmkp	SMFAILREQ
286	11e	dsmkp	SMQUTIMOUT
287	11f	dsmkp	SMUNREC
288	120	dsmkp	SMNOEVTNO
289	121	dsmkp	SMNOLG
290	122	dsmkp	SMINVDIST
291	123	dsmkp	SMUNSEND
292	124	dsmkp	SMINITSCSDA
293	125	dsmkp	SMWGFUNC
294	126	dsmkp	SMUNKMTST
295	127	dsmkp	SMFULLARY
296	128	dsmkp	SMDMAMVRFERR
297	129	dsmkp	SMCMKPNOACK
298	12a	dsmkp	SMFSMPRCVF
299	12b	dsmkp	SMPHYTOLOGF
300	12c	dsmkp	SMQINVNTWK
301	12d	dsmkp	SMQUINVDQLST
302	12e	dsmkp	SMINPSTINV
303	12f	dsmkp	SMQUBADMSGTY
304	130	dsmkp	SMQUSTFERR
305	131	dsmkp	SMQUSNDSMPF
306	132	dsmkp	SMQATPASF
307	133	dsmkp	SMQATODDF
308	134	dsmkp	SMINVCLOACK
309	135	dsmkp	SMQUENMSGF
310	136	dsmkp	SMCMKPOPNF
311	137	dsmkp	SMCMKPCLOF
312	138	dsmkp	SMQUINVPST
313	139	dsmkp	SMQNETCREATE
500	1f4	dcmkp	CMAUKPPT
501	1f5	dcmkp	CMAUKPMT
502	1f6	dcmkp	CMAUSFLT
550	226	dcmdrv	CMAUPORT
551	227	dcmdrv	CMAUMTYP
552	228	dcmdrv	CMAUADMA
553	229	dcmdrv	CMAUPJOB

554	22a	dcmdrv	CMAUNORG
555	22b	dcmdrv	CMAUNDST
556	22c	dcmdrv	CMAUNOOS
557	22d	dcmdrv	CMAUQFLL
558	22e	dcmdrv	CMAUCMA
559	22f	dcmdrv	CMAUIOOP
560	230	dcmdrv	CMAUNUCB
600	258	dhmo	HMSIP_0
601	259	dhmo	HMSIP_1
602	25a	dhmo	HMSIP_2
603	25b	dhmo	HMSIP_3
606	25e	dhmo	HMSIP_6
607	25f	dhmo	HMSIP_7
608	260	dhmo	HMSIP_8
609	261	dhmo	HMSIP_9
610	262	dhmo	HMSIP_10
611	263	dhmo	HMSIP_11
613	265	dhmo	HMSIP_13
615	267	dhmo	HMSIP_15
617	269	dhmo	HMSIP_17
630	276	dhmo	HMSIP_30
632	278	dhmo	HMSIP_32
633	279	dhmo	HMSIP_33
634	27a	dhmo	HMSIP_34
635	27b	dhmo	HMSIP_35
636	27c	dhmo	HMSIP_36
637	27d	dhmo	HMSIP_37
660	294	dhmo	HMLOG_0
661	295	dhmo	HMLOG_1
662	296	dhmo	HMLOG_2
663	297	dhmo	HMLOG_3
665	299	dhmo	HMLOG_5
666	29a	dhmo	HMLOG_6
667	29b	dhmo	HMLOG_7
668	29c	dhmo	HMLOG_8
669	29d	dhmo	HMLOG_9
670	29e	dhmo	HMLOG_10
700	2bc	daim	SIINVEV
702	2be	daim	SIBMS_TYPE
703	2bf	daim	SIBIN_TYPE
705	2c1	daim	SIBSI_TYPE
706	2c2	daim	SIBTYPE
709	2c5	daim	SIFASRTMSG
710	2c6	daim	INBAIMPORT
711	2c7	daim	INBCMCKPACK
713	2c9	daim	INBTIMER
714	2ca	daim	INITTIMEOUT
715	2cb	daim	SIFAULTED
717	2cd	daim	INDUPII
718	2ce	daim	INMSGUNEX
727	2d7	daim	IMBMS_TYPE
728	2d8	daim	IMBIN_TYPE
729	2d9	daim	IM_LOOPCNT
737	2e1	daim	SI_KLOCK
739	2e3	daim	INUNSPPSEQ
740	2e4	daim	IM_LKDATA
741	2e5	daim	INBSEQSTATE
742	2e6	daim	SIBDAPIID
743	2e7	daim	INBADPORT
744	2e8	daim	INFAULTFAIL
745	2e9	daim	SIBOSTCODE
746	2ea	daim	INNOTRIG
747	2eb	daim	SITMSGBUF
748	2ec	daim	SITMSGQUE
749	2ed	daim	SITADDTSK
750	2ee	daim	SITINITFAIL
751	2ef	daim	SITADDRES
752	2f0	daim	SITPRMBUF
753	2f1	daim	SITPRMQUE
754	2f2	daim	SITTSKACT
755	2f3	daim	SITRESET
756	2f4	daim	SITTSKTYP

757	2f5	daim	SITINITTIMEOUT
758	2f6	daim	SIINVREQINIT
759	2f7	daim	SIDDWERR
761	2f9	daim	INBOTYPE
762	2fa	daim	IM_LKRET
765	2fd	daim	INNOMSGBUF
766	2fe	daim	INSNDLTFail
767	2ff	daim	INSNDEVTFAIL
768	300	daim	SIINVINIT
769	301	daim	SIAPPLPARM
770	302	daim	SIINVMSG
771	303	daim	INECDFAIL
772	304	daim	INCONFIGFAIL
773	305	daim	SIINVRET
774	306	daim	SICONFIGFAIL
775	307	daim	SIUNCONDFAIL
776	308	daim	SIINVOSTFAIL
777	309	daim	SITMRINACT
778	30a	daim	SITMROVFLOW
779	30b	daim	SIAMDWFALL
780	30c	daim	INPMCOMFAIL
781	30d	daim	SIALOCFAIL
782	30e	daim	SIQMFALL
783	30f	daim	INBADSEQST
784	310	daim	SIBADPARAM
785	311	daim	SIOVRSTIMER
786	312	daim	SIFLOWERR
787	313	daim	SIBADTTY
788	314	daim	INTMTOUT
789	315	daim	INSYSIMSGFAIL
790	316	daim	SINOTSKBLK
791	317	daim	SISMKPFALL
792	318	daim	SIDBRDERR
793	319	daim	SIDDRDERR
794	31a	daim	INFPTOUT
795	31b	daim	IM_LK_CNT
796	31c	daim	IM_BADU2PRET
797	31d	daim	IM_BADP2URET
949	3b5	daim	SIASTAUD

2. 5E11 Numeric Index: 950-1559

ERROR CODE	PRM CODE	RANGE	MNEMONIC
951	3b7	ddg	DGPE32
952	3b8	ddg	DGPE33
953	3b9	ddg	DGPE34
954	3ba	ddg	DGPE35
955	3bb	ddg	DGPE36
956	3bc	ddg	DGPE37
957	3bd	ddg	DGPE38
958	3be	ddg	DGPE39
959	3bf	ddg	DGPE40
960	3c0	ddg	DGPE41
961	3c1	ddg	DGPE42
962	3c2	ddg	DGPE43
968	3c8	ddg	DGRXE1
969	3c9	ddg	DGRXE2
970	3ca	ddg	DGRXE3
971	3cb	ddg	DGRXE4
972	3cc	ddg	DGRXE5
973	3cd	ddg	DGRXE6
974	3ce	ddg	DGRXE7
975	3cf	ddg	DGRXE8
977	3d1	ddg	DGRXE10
978	3d2	ddg	DGRXE11
979	3d3	ddg	DGRXE12
980	3d4	ddg	DGRXE13
981	3d5	ddg	DGRXE14
982	3d6	ddg	DGRXE15
1050	41a	dctsp	INPUALCS
1051	41b	dctsp	INPUSTMP

1052	41c	dctsp	INPUFLT
1053	41d	dctsp	INPUADSG
1054	41e	dctsp	INPUSDPT
1055	41f	dctsp	INPUCOPN
1056	420	dctsp	INPUBADSCNAME
1057	421	dctsp	INPUALKS
1058	422	dctsp	INPUPNSP
1059	423	dctsp	INPUEVT
1060	424	dctsp	INPUGRSG
1061	425	dctsp	INPURIMSUMERR
1062	426	dctsp	INPUFREE
1063	427	dctsp	INPUINVEV
1064	428	dctsp	INPUINVMS
1065	429	dctsp	INPUBMAG
1066	42a	dctsp	INPUSAEA
1067	42b	dctsp	INPUPRI
1068	42c	dctsp	INPUULCK
1069	42d	dctsp	INPUREAD
1070	42e	dctsp	INPUFOPN
1071	42f	dctsp	INPUFCLS
1072	430	dctsp	INPUALOC
1073	431	dctsp	INPUCANC
1074	432	dctsp	INPUMXB
1075	433	dctsp	INPUTIMER
1076	434	dctsp	INPUDSKB
1077	435	dctsp	INPUABRT
1078	436	dctsp	INPUCONP
1079	437	dctsp	INPUCPMMSG
1080	438	dctsp	INPUSFLT
1081	439	dctsp	INPUSMSG
1082	43a	dctsp	INPUSEG
1083	43b	dctsp	INPUNOBAD
1084	43c	dctsp	INPUSZBAD
1085	43d	dctsp	INPUFILMX
1087	43f	dctsp	INPUFIN
1088	440	dctsp	INPUFHF
1089	441	dctsp	INPUACKF
1090	442	dctsp	INPUNOLNK
1091	443	dctsp	INPUINVPTYPE
1092	444	dctsp	INLBCPNOSM
1093	445	dctsp	INPUNOCRC
1094	446	dctsp	INPLFMAG
1100	44c	dctsp	INPULINK
1101	44d	dctsp	INPURQFN
1102	44e	dctsp	INPULNKQ
1104	450	dctsp	INPUPAS
1105	451	dctsp	INPUODD
1111	457	dctsp	INPUOAOP
1112	458	dctsp	INPUOARP
1113	459	dctsp	INPUOARR
1114	45a	dctsp	INPUOACL
1115	45b	dctsp	INPUEISS
1117	45d	dctsp	INPUWRDD
1118	45e	dctsp	INTOFLT
1119	45f	dctsp	INPUNOSCN
1150	47e	dfp	INPUALCS
1151	47f	dfp	INPUSTMP
1152	480	dfp	INPUFLT
1153	481	dfp	INPUADSG
1154	482	dfp	INPUSDPT
1155	483	dfp	INPUCOPN
1156	484	dfp	INRIMFND
1157	485	dfp	INPUALKS
1158	486	dfp	INPUPNSP
1159	487	dfp	INPUEVT
1160	488	dfp	INPUGRSG
1161	489	dfp	INPUBADSCNAME
1162	48a	dfp	INPUFREE
1163	48b	dfp	INPUINVEV
1164	48c	dfp	INPUINVMS
1165	48d	dfp	INPUBMAG
1166	48e	dfp	INPUSAEA

1167	48f	dfp	INPUPRI
1168	490	dfp	INPUULCK
1169	491	dfp	INPUREAD
1170	492	dfp	INPUFOPN
1171	493	dfp	INPUFCLS
1172	494	dfp	INPUALOC
1173	495	dfp	INPUCANC
1174	496	dfp	INPUMXB
1175	497	dfp	INPUTIMER
1176	498	dfp	INPUDSKB
1177	499	dfp	INPUABRT
1178	49a	dfp	INPUCONP
1179	49b	dfp	INPUCPMSG
1180	49c	dfp	INPUSFLT
1181	49d	dfp	INPUSMSG
1182	49e	dfp	INPUSEG
1183	49f	dfp	INPUNOBAD
1184	4a0	dfp	INPURIMSUMERR
1185	4a1	dfp	INPUFILMX
1186	4a2	dfp	INPUSZBAD
1187	4a3	dfp	INPUFIN
1188	4a4	dfp	INPUFHF
1189	4a5	dfp	INPUACKF
1190	4a6	dfp	INPUNOLNK
1191	4a7	dfp	INFPNOBSMS
1192	4a8	dfp	INPUNOSCN
1193	4a9	dfp	INPUNOCRC
1194	4aa	dfp	INPLFMAG
1202	4b2	dfp	INPUBLKB
1203	4b3	dfp	INPURCVM
1204	4b4	dfp	INPUFDSK
1209	4b9	dfp	INPUFPAS
1210	4ba	dfp	INPUFODD
1211	4bb	dfp	INPUOAOP
1212	4bc	dfp	INPUOARP
1213	4bd	dfp	INPUOARR
1214	4be	dfp	INPUOACL
1215	4bf	dfp	INPUEISS
1217	4c1	dfp	INPUWRDD
1218	4c2	dfp	INPUPLVL
1219	4c3	dfp	INPULBRQ
1220	4c4	dfp	INPUJTR
1221	4c5	dfp	INPUPTYT
1222	4c6	dfp	INUPINCON
1223	4c7	dfp	INTOFLT
1250	4e2	dpucr	INPCPORT
1251	4e3	dpucr	INPCINVEV
1252	4e4	dpucr	INPCFLT
1253	4e5	dpucr	INPCSNDPT
1254	4e6	dpucr	INPCOPN
1255	4e7	dpucr	INPCORPHAN
1256	4e8	dpucr	INPCINVMMSG
1257	4e9	dpucr	INPCCRTE
1258	4ea	dpucr	INPCSWAP
1259	4eb	dpucr	INPCPRI
1260	4ec	dpucr	INPCABORT
1261	4ed	dpucr	INPCBPORT
1262	4ee	dpucr	INPCSFLT
1263	4ef	dpucr	INPCDQUE
1264	4f0	dpucr	INPCTYPE
1265	4f1	dpucr	INPCCRTIME
1267	4f3	dpucr	INPCTERM
1268	4f4	dpucr	INPCSCPMMSG
1271	4f7	dpucr	INPCGTMSG
1272	4f8	dpucr	INBPAODD
1273	4f9	dpucr	PUCR23
1275	4fb	dpucr	INPCMNT
1276	4fc	dpucr	INPCSMSG
1277	4fd	dpucr	INPCQFULL
1278	4fe	dpucr	INPCNOPUMP
1279	4ff	dpucr	INPCSTATE
1280	500	dpucr	INPCFTIME

1281	501	dpucr	INPCTTIME
1282	502	dpucr	INPCDIME
1283	503	dpucr	INPCAETN
1284	504	dpucr	INPCNODIR
1285	505	dpucr	INBPFREE
1286	506	dpucr	INBPALCS
1287	507	dpucr	INBPSMSG
1288	508	dpucr	INBPALOC
1289	509	dpucr	INBPADSG
1290	50a	dpucr	INBPSTMP
1291	50b	dpucr	INBPTIME
1292	50c	dpucr	INBPOARR
1293	50d	dpucr	INBPALKS
1294	50e	dpucr	INBPOARP
1295	50f	dpucr	INBPOAOP
1296	510	dpucr	INBPNOSM
1297	511	dpucr	INBPBADP
1298	512	dpucr	INBPSize
1299	513	dpucr	INBPBADS
1300	514	dpucr	INPCCONTIME
1301	515	dpucr	INPUEISS
1350	546	dmsdrv	SMMMMSG
1351	547	dmsdrv	SMMMEACKM
1352	548	dmsdrv	SMMMEDEQMSG
1353	549	dmsdrv	SMMMMTIP
1354	54a	dmsdrv	SMMMMDQFAIL
1355	54b	dmsdrv	SMMMISEQ
1356	54c	dmsdrv	SMMMSFE
1357	54d	dmsdrv	SMMMBSTE
1358	54e	dmsdrv	SMMMBADFLT
1359	54f	dmsdrv	SMMMBADEQID
1360	550	dmsdrv	SMMMBCC
1361	551	dmsdrv	SMMMSDMSG
1362	552	dmsdrv	SMMMQFAIL
1363	553	dmsdrv	SMMMRQTFAIL
1364	554	dmsdrv	SMMMOTIFAIL
1365	555	dmsdrv	SMMMVREQ
1366	556	dmsdrv	SMMMEGPM
1367	557	dmsdrv	SMMMRDSTATE
1368	558	dmsdrv	SMMMPICINT
1369	559	dmsdrv	SMMMEGPTA
1370	55a	dmsdrv	SMMMEASNDMA
1371	55b	dmsdrv	SMMMUNLOCK
1372	55c	dmsdrv	SMMMDELDM
1373	55d	dmsdrv	SMMMDELTIME
1374	55e	dmsdrv	SMMMABTDGN
1375	55f	dmsdrv	SMMMABTSRT
1376	560	dmsdrv	SMMMEFSET
1377	561	dmsdrv	SMMMEDMAJN
1378	562	dmsdrv	SMMMETIME
1379	563	dmsdrv	SMMMDBFR
1380	564	dmsdrv	SMMMTOMSG
1381	565	dmsdrv	SMMMBTO
1382	566	dmsdrv	SMMMBXMIT
1383	567	dmsdrv	SMERCMSIM
1384	568	dmsdrv	SMDLDEIB
1385	569	dmsdrv	SMEIBPING
1386	56a	dmsdrv	SMINITCMSIM
1387	56b	dmsdrv	SMRSTCMSIM
1388	56c	dmsdrv	SMVTOP
1389	56d	dmsdrv	SMREQCMSIM
1400	578	dmsdrv	SMPPMSGB
1403	57b	dmsdrv	SMPPACKM
1404	57c	dmsdrv	SMPPEQID
1405	57d	dmsdrv	SMPPREQT
1406	57e	dmsdrv	SMPPDELT
1407	57f	dmsdrv	SMPPDEQM
1408	580	dmsdrv	SMPPQUEM
1409	581	dmsdrv	SMPPOVFM
1410	582	dmsdrv	SMPPICR
1411	583	dmsdrv	SMPPMBDM
1412	584	dmsdrv	SMPPRDST

1413	585	dmsdrv	SMPPTINX
1414	586	dmsdrv	SMPPERTM
1415	587	dmsdrv	SMPPHSER
1416	588	dmsdrv	SMPPSFLT
1417	589	dmsdrv	SMPPIVFLT
1450	5aa	dmsdrv	SMFPMSGB
1451	5ab	dmsdrv	SMFPACKM
1452	5ac	dmsdrv	SMFPEQID
1453	5ad	dmsdrv	SMFPREQT
1454	5ae	dmsdrv	SMFPDELT
1455	5af	dmsdrv	SMFPDEQM
1456	5b0	dmsdrv	SMFPQUEM
1457	5b1	dmsdrv	SMFPOVFM
1458	5b2	dmsdrv	SMFPPICR
1459	5b3	dmsdrv	SMFPMBDM
1460	5b4	dmsdrv	SMFPRDST
1461	5b5	dmsdrv	SMFPTINX
1462	5b6	dmsdrv	SMFPHSER
1463	5b7	dmsdrv	SMFPSEGE
1464	5b8	dmsdrv	SMFPHDMA
1465	5b9	dmsdrv	SMFPERTM
1466	5ba	dmsdrv	SMFPSFLT
1467	5bb	dmsdrv	SMFPIVFLT
1468	5bc	dmsdrv	SMFPERTO
1469	5bd	dmsdrv	SMFPCRTO
1470	5be	dmsdrv	SMFPTIIV
1471	5bf	dmsdrv	SMFPIPMB
1472	5c0	dmsdrv	SMFPBPMB
1473	5c1	dmsdrv	SMFPCNSRC
1500	5dc	dmsdrv	SMMSEMSG
1501	5dd	dmsdrv	SMMSEACKM
1502	5de	dmsdrv	SMMSEMPROC
1503	5df	dmsdrv	SMMSMTIP
1504	5e0	dmsdrv	SMMSDQFAIL
1505	5e1	dmsdrv	SMMSSSEQINV
1506	5e2	dmsdrv	SMMSBADTEXT
1507	5e3	dmsdrv	SMMSFATAL
1508	5e4	dmsdrv	SMMSBADFLT
1509	5e5	dmsdrv	SMMSBADQID
1510	5e6	dmsdrv	SMMSBPIQFULL
1511	5e7	dmsdrv	SMMSESND
1512	5e8	dmsdrv	SMMSQFAIL
1513	5e9	dmsdrv	SMMSRQTFAIL
1514	5ea	dmsdrv	SMMSOTIFAIL
1515	5eb	dmsdrv	SMMSATTECD
1516	5ec	dmsdrv	SMMSEATCH
1517	5ed	dmsdrv	SMMSELLA
1518	5ee	dmsdrv	SMMSEUCB
1519	5ef	dmsdrv	SMMSFUCB
1520	5f0	dmsdrv	SMMSEIATCH
1521	5f1	dmsdrv	SMMSEGPTA
1522	5f2	dmsdrv	SMMSEASNDMA
1523	5f3	dmsdrv	SMMSENINT
1524	5f4	dmsdrv	SMMSEDMAJN
1525	5f5	dmsdrv	SMMSETIM
1526	5f6	dmsdrv	SMMSELDMA
1527	5f7	dmsdrv	SMMSEDLTIME
1528	5f8	dmsdrv	SMMSREQTIME
1529	5f9	dmsdrv	SMMSUNLOCK
1530	5fa	dmsdrv	SMMSDDDREAD
1531	5fb	dmsdrv	SMMSDISAB
1532	5fc	dmsdrv	SMMSEECD
1533	5fd	dmsdrv	SMMSBADSQIP
1534	5fe	dmsdrv	SMMSODDNG
1535	5ff	dmsdrv	SMMSODDER
1536	600	dmsdrv	SMMSPUMPNG
1537	601	dmsdrv	SMMSFILENG
1538	602	dmsdrv	SMMSINCTI
1539	603	dmsdrv	SMMSINPFS
1540	604	dmsdrv	SMMSINCMVINT
1541	605	dmsdrv	SMMSLCREAD
1549	60d	dmsdrv	SMKPUSRACK

1550	60e	dmsdrv	SMKPSEG_BAD
1551	60f	dmsdrv	SMKPEQID_BAD
1552	610	dmsdrv	SMKPMPORT_NG
1553	611	dmsdrv	SMKPMBUF_FAIL
1554	612	dmsdrv	SMKPSMSG_FAIL
1555	613	dmsdrv	SMKPDGNST_BAD
1556	614	dmsdrv	SMKPMSG_UNKN
1557	615	dmsdrv	SMKPS7RECOV
1558	616	dmsdrv	SMKPUCBR_UNKN
1559	617	dmsdrv	SMKPSW_FLT

3. 5E11 Numeric Index: 1560-2679

ERROR CODE	PRM CODE	RANGE	MNEMONIC
1560	618	dmsdrv	SMKPSEQIP_BAD
1561	619	dmsdrv	SMKPRADD_BAD
1562	61a	dmsdrv	SMKPPTA_NG
1563	61b	dmsdrv	SMKPADMA_FAIL
1564	61c	dmsdrv	SMKPTTBL_FULL
1565	61d	dmsdrv	SMKPTTLK_BAD
1566	61e	dmsdrv	SMKPTTEN_BAD
1567	61f	dmsdrv	SMDLINDEX_NG
1568	620	dmsdrv	SMDLSTIMULI_NG
1569	621	dmsdrv	SMDLNOTIMER
1570	622	dmsdrv	SMDLMSG_FAIL
1571	623	dmsdrv	SMDLMSG_LOST
1572	624	dmsdrv	SMDLMSGPTR_NG
1573	625	dmsdrv	SMDLWDTOUT
1574	626	dmsdrv	SMDLER_CLOSE
1575	627	dmsdrv	SMDLER_SHRINK
1576	628	dmsdrv	SMDLER_OPEN
1577	629	dmsdrv	SMDLER_READ
1578	62a	dmsdrv	SMDLER_GROW
1579	62b	dmsdrv	SMDLCT_FULL
1580	62c	dmsdrv	SMDLNEQ_ODD
1581	62d	dmsdrv	SMDLNG_ODD
1582	62e	dmsdrv	SMDLCT_HUNG
1583	62f	dmsdrv	SMKPCMKP_FAIL
1584	630	dmsdrv	SMDLLASTST_NG
1585	631	dmsdrv	SMDLWAIT_NG
1586	632	dmsdrv	SMDLRET_NG
1587	633	dmsdrv	SMWLST_FILL
1588	634	dmsdrv	SMFDLKMS
1589	635	dmsdrv	SMFDLKFP
1590	636	dmsdrv	SMFDLKMM
1591	637	dmsdrv	SMFDLKPP
1592	638	dmsdrv	SMFRAMMS
1593	639	dmsdrv	SMFRAMFP
1594	63a	dmsdrv	SMFRAMMM
1595	63b	dmsdrv	SMFRAMPP
1596	63c	dmsdrv	SMKPOORTIME
1597	63d	dmsdrv	SMKPPLAC
1598	63e	dmsdrv	SMKPDMMERT
1599	63f	dmsdrv	SMKPERDGET
1600	640	dmsdrv	SMKPEUCB
1601	641	dmsdrv	SMKPBADCRAFT
1602	642	dmsdrv	SMKPDDREAD
1603	643	dmsdrv	SMIPINST
1604	644	dmsdrv	SMIPINET
1605	645	dmsdrv	SMIPINPE
1606	646	dmsdrv	SMIPINPL
1607	647	dmsdrv	SMIPINPTR
1608	648	dmsdrv	SMIPINDMA
1609	649	dmsdrv	SMIPINCC
1610	64a	dmsdrv	SMIPINEN
1611	64b	dmsdrv	SMIPRTFAIL
1612	64c	dmsdrv	SMIPDELFAIL
1613	64d	dmsdrv	SMIPTONP
1614	64e	dmsdrv	SMIPINPUCR
1615	64f	dmsdrv	SMIPVERFAIL
1616	650	dmsdrv	SMIPINIT

1625	659	dmsdrv	SMIQINFLE
1626	65a	dmsdrv	SMIQINDMA
1627	65b	dmsdrv	SMIQINPL
1628	65c	dmsdrv	SMIQINCC
1629	65d	dmsdrv	SMIQINEN
1630	65e	dmsdrv	SMIQINIT
1631	65f	dmsdrv	SMIQINST
1632	660	dmsdrv	SMIQINET
1633	661	dmsdrv	SMIQINPCNT
1634	662	dmsdrv	SMIQDELFAIL
1635	663	dmsdrv	SMIQRFAIL
1636	664	dmsdrv	SMIQTORQ
1637	665	dmsdrv	SMFRAMQP
1638	666	dmsdrv	SMDLCTBDATA
1750	6d6	dmsdrv	SMPIBADEQID
1751	6d7	dmsdrv	SMPIEMSG
1752	6d8	dmsdrv	SMPIEACKM
1753	6d9	dmsdrv	SMPIEDEQMSG
1754	6da	dmsdrv	SMPIMTIP
1755	6db	dmsdrv	SMPIDQFAIL
1756	6dc	dmsdrv	SMPISEQ
1757	6dd	dmsdrv	SMPISEFE
1758	6de	dmsdrv	SMPIBADFLT
1759	6df	dmsdrv	SMPIBCC
1760	6e0	dmsdrv	SMPISDMSG
1761	6e1	dmsdrv	SMPIQFAIL
1762	6e2	dmsdrv	SMPIRQTFAIL
1763	6e3	dmsdrv	SMPIOTIFAIL
1764	6e4	dmsdrv	SMPIVREQ
1765	6e5	dmsdrv	SMPIEGPM
1766	6e6	dmsdrv	SMPIRDSTATE
1767	6e7	dmsdrv	SMPIEGPTA
1768	6e8	dmsdrv	SMPIEASNDMA
1769	6e9	dmsdrv	SMPIUNLOCK
1770	6ea	dmsdrv	SMPIDELDMA
1771	6eb	dmsdrv	SMPIDELTIME
1772	6ec	dmsdrv	SMPIABTDGN
1773	6ed	dmsdrv	SMPIABTSRT
1774	6ee	dmsdrv	SMPIETIME
1775	6ef	dmsdrv	SMPIEDMAJN
1776	6f0	dmsdrv	SMPIBTO
1777	6f1	dmsdrv	SMPIBXMIT
1800	708	dmsdrv	SMQGABTSRT
1801	709	dmsdrv	SMQGBEQID
1802	70a	dmsdrv	SMQGBFC
1803	70b	dmsdrv	SMQGBTO
1804	70c	dmsdrv	SMQGBXMIT
1805	70d	dmsdrv	SMQGDELDMA
1806	70e	dmsdrv	SMQGDELTIME
1807	70f	dmsdrv	SMQGDQFAIL
1808	710	dmsdrv	SMQGEACKM
1809	711	dmsdrv	SMQGEASNDMA
1810	712	dmsdrv	SMQGEIPMSG
1811	713	dmsdrv	SMQGEDMAJN
1812	714	dmsdrv	SMQGEGPM
1813	715	dmsdrv	SMQGEGPTA
1814	716	dmsdrv	SMQGEMSG
1815	717	dmsdrv	SMQGETIME
1816	718	dmsdrv	SMQGISEQ
1817	719	dmsdrv	SMQGIPMEQ
1818	71a	dmsdrv	SMQGOTIFAIL
1819	71b	dmsdrv	SMQGGQFAIL
1820	71c	dmsdrv	SMQGRDSTATE
1821	71d	dmsdrv	SMQGRQTFAIL
1822	71e	dmsdrv	SMQGUNLOCK
1823	71f	dmsdrv	SMQGEFSNT
1824	720	dmsdrv	SMQGEUAMSG
1825	721	dmsdrv	SMQGDDIIPM
2050	802	dhm	HMALM0
2051	803	dhm	HMALM1
2052	804	dhm	HMALM2
2053	805	dhm	HMALM28

2054	806	dhm	HMALM4
2055	807	dhm	HMALM5
2056	808	dhm	HMALM6
2057	809	dhm	HMALM7
2058	80a	dhm	HMALM8
2059	80b	dhm	HMALM9
2060	80c	dhm	HMALM10
2061	80d	dhm	HMALM11
2062	80e	dhm	HMALM12
2063	80f	dhm	HMALM13
2064	810	dhm	HMALM14
2065	811	dhm	HMALM15
2066	812	dhm	HMALM16
2067	813	dhm	HMALM17
2068	814	dhm	HMALM18
2069	815	dhm	HMALM19
2070	816	dhm	HMALM20
2071	817	dhm	HMALM21
2072	818	dhm	HMALM22
2073	819	dhm	HMALM23
2074	81a	dhm	HMALM24
2075	81b	dhm	HMALM29
2076	81c	dhm	HMALM26
2077	81d	dhm	HMALM27
2078	81e	dhm	HMMCC_3
2079	81f	dhm	HMMCC_4
2080	820	dhm	HMMCC_5
2081	821	dhm	HMMCC_6
2131	853	dhm	HMIRA_1
2132	854	dhm	HMIRA_2
2134	856	dhm	HMIRA_4
2135	857	dhm	HMIRA_5
2136	858	dhm	HMIRA_6
2137	859	dhm	HMIRA_7
2141	85d	dhm	HMIRA_b
2142	85e	dhm	HMIRA_c
2143	85f	dhm	HMIRA_d
2144	860	dhm	HMIRA_e
2147	863	dhm	HMIRA_61
2148	864	dhm	HMIRA_62
2149	865	dhm	HMIRA_63
2151	867	dhm	HMIRA_65
2152	868	dhm	HMIRA_66
2153	869	dhm	HMIRA_67
2179	883	dhm	HM1_IMST
2180	884	dhm	HM2_IMST
2181	885	dhm	HM3_IMST
2182	886	dhm	HM4_IMST
2210	8a2	dhm	HMMCC_0
2211	8a3	dhm	HMMCC_1
2212	8a4	dhm	HMMCC_2
2350	92e	dbkup	DBGRRDPHYS
2351	92f	dbkup	DBGRRDPRB
2352	930	dbkup	DBGRRDSR1
2353	931	dbkup	DBGRUMODD1
2354	932	dbkup	DBGR2MOU
2355	933	dbkup	DBGRMODD2
2356	934	dbkup	DBGR1MOU
2357	935	dbkup	DBGRGPRT
2358	936	dbkup	DBGRLNK
2359	937	dbkup	DBGRRD
2360	938	dbkup	DBBKDSKSP
2361	939	dbkup	DBGRWRIT
2362	93a	dbkup	DBBKNULINK
2363	93b	dbkup	DBGRWODMEM
2364	93c	dbkup	DBGR1AIM
2365	93d	dbkup	DBGRMNT1
2366	93e	dbkup	DBGRPORT
2367	93f	dbkup	DBGRMSG
2368	940	dbkup	DBGRREC
2369	941	dbkup	DBGRNGMSG
2370	942	dbkup	DBGRDDWR

2371	943	dbkup	DBGRHMOUT
2372	944	dbkup	DBGRHM
2373	945	dbkup	DBGRDDW2
2374	946	dbkup	DBGRRDAIM
2375	947	dbkup	DBGRM2SCR
2376	948	dbkup	DBGRM1SCR
2377	949	dbkup	DBGRPAR2
2378	94a	dbkup	DBGRSYS1
2379	94b	dbkup	DBGRSYS2
2380	94c	dbkup	DBGROPN
2381	94d	dbkup	DBBKBCI
2382	94e	dbkup	DBGRCREAT1
2383	94f	dbkup	DBGRNUODD
2384	950	dbkup	DBGRPAD
2385	951	dbkup	DBGRAIMOPN
2386	952	dbkup	DBGRSCN
2387	953	dbkup	DBGRPART
2388	954	dbkup	DBGRCLOS
2389	955	dbkup	DBGRFOPN
2390	956	dbkup	DBGRLDF
2391	957	dbkup	DBGRLDN
2392	958	dbkup	DBGRBSCN
2393	959	dbkup	DBGRFSEK
2394	95a	dbkup	DBGRWSCN
2395	95b	dbkup	DBGRRDMEM
2396	95c	dbkup	DBGRRPHYS
2397	95d	dbkup	DBGRWIPHYS
2398	95e	dbkup	DBGRWODPHYS
2399	95f	dbkup	DBGRWIMEM
2400	960	dbkup	DBBKOPEN
2401	961	dbkup	DBBKREAD
2402	962	dbkup	DBBKSEEK
2403	963	dbkup	DBBKABOUT
2404	964	dbkup	DBBKWRITE
2405	965	dbkup	DBBKRECV
2406	966	dbkup	DBBKSEND
2407	967	dbkup	DBBKBDP
2408	968	dbkup	DBBKLCALL
2409	969	dbkup	DBBKDDR
2410	96a	dbkup	DBBKDDW
2411	96b	dbkup	DBBKMOUNT
2412	96c	dbkup	DBBKUMOUNT
2413	96d	dbkup	DBBKVCP
2414	96e	dbkup	DBBKULINK
2415	96f	dbkup	DBBKLINK
2416	970	dbkup	DBBKTMOUT
2417	971	dbkup	DBBKHMOUT
2418	972	dbkup	DBBKCREAT
2419	973	dbkup	DBBKFOPEN
2420	974	dbkup	DBBKFSANF
2421	975	dbkup	DBBKCLRLG
2422	976	dbkup	DBBKBGD
2423	977	dbkup	DBBKNA
2424	978	dbkup	DBBKBFIL
2425	979	dbkup	DBBKBSH
2426	97a	dbkup	DBBKBODD
2427	97b	dbkup	DBBKSTAT
2428	97c	dbkup	DBBKVTOC
2429	97d	dbkup	DBBKBCIHS
2430	97e	dbkup	DBBKMEM
2431	97f	dbkup	DBBKDSK
2432	980	dbkup	DBBKACTB
2433	981	dbkup	DBBKDACTB
2434	982	dbkup	DBBKODSA
2435	983	dbkup	DBBKBSMST
2436	984	dbkup	DBBKALOC
2437	985	dbkup	DBBKODDF
2438	986	dbkup	DBBKSK2
2439	987	dbkup	DBBKNOTFULL
2440	988	dbkup	DBBKBSN
2441	989	dbkup	DBBKNOPART
2442	98a	dbkup	DBBKSNOSM

2443	98b	dbkup	DBBKFRD
2444	98c	dbkup	DBBKDDNGRW
2445	98d	dbkup	DBBKDDBST
2446	98e	dbkup	DBBDMEMBRD
2447	98f	dbkup	DBRPTRCOFF
2448	990	dbkup	DBBKBLINK
2449	991	dbkup	DBBKABORT
2450	992	dbkup	DBBKPROC
2451	993	dbkup	DBAMODDSZE
2452	994	dbkup	DBBKCLRCRC
2453	995	dbkup	DBBKATMSW
2454	996	dbkup	BKAMODDGONE
2455	997	dbkup	DBBKAMGRW
2456	998	dbkup	DBGTGWST
2457	999	dbkup	DBSTGWST
2458	99a	dbkup	DBAMSCRBAD
2459	99b	dbkup	DBCMPHSHBAD
2460	99c	dbkup	DBCMPSTBAD
2461	99d	dbkup	BKFRNOMSG
2462	99e	dbkup	BKCMPIR
2463	99f	dbkup	BKCMPIH
2464	9a0	dbkup	DBRIMGEN
2650	a5a	drclg	DBLGBGD
2651	a5b	drclg	DBLGBPD
2652	a5c	drclg	DBLGNA
2653	a5d	drclg	DBLGHMOUT
2654	a5e	drclg	DBLGDD
2655	a5f	drclg	DBLGSCALL
2656	a60	drclg	DBLGSENDP
2657	a61	drclg	DBLGRECV
2658	a62	drclg	DBLGOPEN
2659	a63	drclg	DBLGREAD
2660	a64	drclg	DBLGWRITE
2661	a65	drclg	DBLGCREAT
2662	a66	drclg	DBLGSEEK
2663	a67	drclg	DBLGBFD
2664	a68	drclg	DBLGCLOSE
2665	a69	drclg	DBLGLSEEK
2666	a6a	drclg	DBLGSTAT
2667	a6b	drclg	DBLGQUEFULL
2668	a6c	drclg	DBLGBMD
2669	a6d	drclg	DBLGCORC
2670	a6e	drclg	DBLGBD
2671	a6f	drclg	DBLGSEND
2672	a70	drclg	DBOPENPORT
2673	a71	drclg	DBRFPHYCNV
2674	a72	drclg	DBRFPCRCNV
2675	a73	drclg	DBRFDDPHY
2676	a74	drclg	DBLGRDGPARM
2677	a75	drclg	DBRFCMPABT
2678	a76	drclg	DBRFSCMPNM
2679	a77	drclg	DBLGBDPROC

4. 5E11 Numeric Index: 2680-3900

ERROR CODE	PRM CODE	RANGE	MNEMONIC
2680	a78	drclg	DBAUDTYPE
2681	a79	drclg	DBAUDSENDP
2682	a7a	drclg	DBAUDRECV
2683	a7b	drclg	DBNAUDMSG
2684	a7c	drclg	DBLMFSCR
2685	a7d	drclg	DBLMFSSK
2686	a7e	drclg	DBLMFSRD
2687	a7f	drclg	DBLMFSWR
2688	a80	drclg	DBLMFSSC
2689	a81	drclg	DBLMFSOP
2690	a82	drclg	DBLTFLUSH
2691	a83	drclg	DBLOGTYPE
2692	a84	drclg	DBLTTAG
2693	a85	drclg	DBLTMALLOC
2694	a86	drclg	DBLTOPEN

2695	a87	drclg	DBLTREAD
2696	a88	drclg	DBLTWRITE
2697	a89	drclg	DBLTCREAT
2698	a8a	drclg	DBLTCLOSE
2699	a8b	drclg	DBLTLSEEK
2700	a8c	drclg	DBLTSTAT
2701	a8d	drclg	DBLMFSLs
2702	a8e	drclg	DBLGMALLOC
2750	abe	dup	UPIDSCUD
2800	af0	doff	SIINITFAIL
2801	af1	doff	SIUNXPMSG
2802	af2	doff	SINOBCRESET
2803	af3	doff	SINOLGRESET
2804	af4	doff	SIHMOUTFAIL
2805	af5	doff	SIUNXSMSG
2850	b22	ddbgrw	DBMODRTUP
2851	b23	ddbgrw	DBMODAMEM
2852	b24	ddbgrw	DBMODTBGN
2853	b25	ddbgrw	DBMODEREL
2854	b26	ddbgrw	DBMODITUP
2855	b27	ddbgrw	DBMODFILE
2856	b28	ddbgrw	DBMODACC
2857	b29	ddbgrw	DBMODGPRM
2858	b2a	ddbgrw	DBMODOPN
2859	b2b	ddbgrw	DBMODRFST
2860	b2c	ddbgrw	DBMODDINT
2861	b2d	ddbgrw	DBMODDNXT
2862	b2e	ddbgrw	DBGRVCP
2863	b2f	ddbgrw	DBUPDDTUP
2864	b30	ddbgrw	DBUPDPORT
2865	b31	ddbgrw	DBUPDGPRM
2866	b32	ddbgrw	DBUPDDUSR
2867	b33	ddbgrw	DBUPDAUSR
2868	b34	ddbgrw	DBUPDDGRP
2869	b35	ddbgrw	DBUPDEMP
2870	b36	ddbgrw	DBUPDTEND
2871	b37	ddbgrw	DBUPDUCOM
2872	b38	ddbgrw	DBGRSTAT
2873	b39	ddbgrw	DBGRVTOC
2874	b3a	ddbgrw	DBGRUPDPHYS
2875	b3b	ddbgrw	DBGRRDDISK
2876	b3c	ddbgrw	DBGRRDDPHYS
2878	b3e	ddbgrw	DBGTGRWST
2879	b3f	ddbgrw	DBGRALLOC
2880	b40	ddbgrw	DBGRUNLINK
2881	b41	ddbgrw	DBGRLINK
2882	b42	ddbgrw	DBGRDREAT
2883	b43	ddbgrw	DBDDRDBAD
2884	b44	ddbgrw	DBGRSEEK
2885	b45	ddbgrw	DBGRBSMST
2886	b46	ddbgrw	DBGRREAD
2887	b47	ddbgrw	DBGROPEN
2888	b48	ddbgrw	DBGRIKEY
2889	b49	ddbgrw	DBGRIRET
2890	b4a	ddbgrw	DBGRISEND
2891	b4b	ddbgrw	DBGRITIME
2892	b4c	ddbgrw	DBGRIMESG
2893	b4d	ddbgrw	DBGRISPR
2894	b4e	ddbgrw	DBGRIALOC
2895	b4f	ddbgrw	DBGRIDDW
2896	b50	ddbgrw	DBGRATT
2897	b51	ddbgrw	DBGRDSKCP
2898	b52	ddbgrw	DBGRDSK
2899	b53	ddbgrw	DBGRDACT
2900	b54	ddbgrw	DBMKNOD
2901	b55	ddbgrw	DBATTSG
2902	b56	ddbgrw	DBRDGET
2903	b57	ddbgrw	DBLLAGET
2904	b58	ddbgrw	DBOPENSEQ
2905	b59	ddbgrw	DBMOUNT
2906	b5a	ddbgrw	DBUGUCBN
2907	b5b	ddbgrw	DBRSVUCB

2908	b5c	ddbgrw	DBUGSDF
2909	b5d	ddbgrw	DBSETIO
2910	b5e	ddbgrw	DBPVTOC
2911	b5f	ddbgrw	DBSGMATCH
2912	b60	ddbgrw	DBMSGENAB
2913	b61	ddbgrw	DBDISKERR
2914	b62	ddbgrw	DBMHDINC
2915	b63	ddbgrw	DBFRCMSG
2916	b64	ddbgrw	DBNRCLOSE
2917	b65	ddbgrw	DBBSTSEND
2918	b66	ddbgrw	DBBSTMSG
2919	b67	ddbgrw	DBBSTCOFF
2920	b68	ddbgrw	DBRODDPUR
2921	b69	ddbgrw	DBBADMSG
2922	b6a	ddbgrw	DBGRSCORPT
2923	b6b	ddbgrw	DBNRUPDATE
2924	b6c	ddbgrw	DBGRGNHSH
2925	b6d	ddbgrw	DBSYSTEM
2926	b6e	ddbgrw	DBNRBADMSG
2927	b6f	ddbgrw	DBNAMTMOUT
2928	b70	ddbgrw	DBNRNGMSG
2929	b71	ddbgrw	DBDFIFAIL
2930	b72	ddbgrw	DBNR1RECOV
2931	b73	ddbgrw	DBNR2RECOV
2932	b74	ddbgrw	DBNR3RECOV
2933	b75	ddbgrw	DBNR4RECOV
2934	b76	ddbgrw	DBUODDSZ
2935	b77	ddbgrw	DBNRODSZ
2936	b78	ddbgrw	DBDISKSP
2937	b79	ddbgrw	DBRMFILS
2938	b7a	ddbgrw	DBRANGE
2939	b7b	ddbgrw	DBPARTS
2940	b7c	ddbgrw	DBUPDCKT
2941	b7d	ddbgrw	DBUPDPRM
2942	b7e	ddbgrw	DBNRODDPUR
2943	b7f	ddbgrw	DBNRODSHK
2944	b80	ddbgrw	DBCOFFHDR
2945	b81	ddbgrw	DBOPTHDR
2946	b82	ddbgrw	DBSECHDR
2947	b83	ddbgrw	DBNRDSEC
2948	b84	ddbgrw	DBSKELFIL
2949	b85	ddbgrw	DBGRRDUN
2950	b86	ddbgrw	DBGRSTBD
2951	b87	ddbgrw	DBSTGRWST
2952	b88	ddbgrw	DBUGAMTMOUT
2953	b89	ddbgrw	DBDDSTBAD
2954	b8a	ddbgrw	DBUGMGBAD
2955	b8b	ddbgrw	DBBDMMTP
2956	b8c	ddbgrw	DBPRCALV
2957	b8d	ddbgrw	DBRCUMG
2958	b8e	ddbgrw	DBGRBDVERB
2959	b8f	ddbgrw	DBNOOKPCOM
2960	b90	ddbgrw	DBNOSTODDG
2961	b91	ddbgrw	DBBDHMOT
2962	b92	ddbgrw	DBPORTERR
2963	b93	ddbgrw	DBBSTTMOUT
2964	b94	ddbgrw	DBOFFS_NA
2965	b95	ddbgrw	DBOFFSFAIL
2966	b96	ddbgrw	DBINCTUPNUM
2967	b97	ddbgrw	DBXTSINTUP
2968	b98	ddbgrw	DBNOSTUGDD
2969	b99	ddbgrw	DBPOPDNTRAN
2970	b9a	ddbgrw	DBDNXTSINTUP
2971	b9b	ddbgrw	DBDNINCTUPNUM
2972	b9c	ddbgrw	DBMODXRDFST
2973	b9d	ddbgrw	DBMODNXT
2974	b9e	ddbgrw	DBPXSRDTUP
2975	b9f	ddbgrw	DBPNXTSINTUP
2976	ba0	ddbgrw	DBPOPPDNTRAN
2977	ba1	ddbgrw	DBPRDNTAN
2978	ba2	ddbgrw	DBPRXSRDTUP
2979	ba3	ddbgrw	DBPRNXTSINTUP

2980	ba4	ddbgrw	DBLVL3DWN
2981	ba5	ddbgrw	DBRGOPENF
2982	ba6	ddbgrw	DBRGREADF
2983	ba7	ddbgrw	DBSACPRDN
2984	ba8	ddbgrw	DBRGSEEKF
2985	ba9	ddbgrw	DBRGCLOSEF
2986	baa	ddbgrw	DBBADATYPE
2987	bab	ddbgrw	DBNOOPSMS
2988	bac	ddbgrw	DBZAPFAIL
2989	bad	ddbgrw	DBGRSCRSZ
2990	bae	ddbgrw	DBUPDUNIT
2991	baf	ddbgrw	DBMODDDEL
2992	bb0	ddbgrw	DBUPDL_USE
2993	bb1	ddbgrw	DBXSRDSYS
2994	bb2	ddbgrw	DBXSRDFSYS
2995	bb3	ddbgrw	DBXSRDNSYS
2996	bb4	ddbgrw	DBXSINSYS
2997	bb5	ddbgrw	DBRSMOREL
2998	bb6	ddbgrw	DBGRWCONF
2999	bb7	ddbgrw	DBBADUTYPE
3000	bb8	ddbgrw	DBMEMORY_LOW
3001	bb9	ddbgrw	DBL_USERFST
3002	bba	ddbgrw	DBL_USEINT
3003	bbb	ddbgrw	DBL_USENXT
3004	bbc	ddbgrw	DBEQLOCFAIL
3005	bbd	ddbgrw	DBPICBRFST
3006	bbe	ddbgrw	DBPICBINT
3007	bbf	ddbgrw	DBPICBNXT
3008	bc0	ddbgrw	DBC GARFST
3009	bc1	ddbgrw	DBC GAINT
3010	bc2	ddbgrw	DBC GANXT
3011	bc3	ddbgrw	DBGETCLI
3012	bc4	ddbgrw	DBGRNOSCR
3013	bc5	ddbgrw	DBGR1SCR
3014	bc6	ddbgrw	DBGR2SCR
3015	bc7	ddbgrw	DBGRTMPSCR
3016	bc8	ddbgrw	DBG RXSCR
3017	bc9	ddbgrw	DBGRCPODD
3275	ccb	dct	CTMSGQFAIL
3276	ccc	dct	CTINCMFAIL
3277	ccd	dct	CTBADMSTYPE
3278	cce	dct	CTNOTIMER
3279	ccf	dct	CTDDWERR
3280	cd0	dct	CTDDRERR
3281	cd1	dct	CTDNOBUF
3282	cd2	dct	CTINVEVNT
3283	cd3	dct	CTPORTFAIL
3284	cd4	dct	CTWRITEFAIL
3285	cd5	dct	CTREADFAIL
3286	cd6	dct	CTOPENFAIL
3287	cd7	dct	CTIOCTLFAIL
3288	cd8	dct	CTINVCNMSG
3289	cd9	dct	CTUKSPEED
3290	cda	dct	CTC NNOBUF
3291	cdb	dct	CTINVFLT
3292	cdc	dct	CTBADRNA
3293	cd d	dct	CTDBADMSG
3294	cde	dct	CTDDDFAIL
3295	cdf	dct	CTUKCOND
3296	ce0	dct	CTBADIPMTYP
3297	ce1	dct	CTOUTOFORD
3298	ce2	dct	CTUKTASK
3299	ce3	dct	CTGETBFAIL
3300	ce4	dct	CTHDRFAIL
3301	ce5	dct	CTBADDLNMTYP
3302	ce6	dct	CTGLDLNEQ
3303	ce7	dct	CTINVREL
3304	ce8	dct	CTDBRDFAIL
3305	ce9	dct	CTINV DST
3306	cea	dct	CTGRWQINV
3307	ceb	dct	CTGRWQTO
3308	cec	dct	CTINVDLN

3309	ced	dct	CTINVSGN
3310	cee	dct	CTINVDPMP
3311	cef	dct	CTGLDATA
3312	cf0	dct	CTINVQST
3313	cf1	dct	CTINVDEVT
3314	cf2	dct	CTDEVTACK
3315	cf3	dct	CTDPUMPTO
3316	cf4	dct	CTCMOPFL
3317	cf5	dct	CTNDLNACK
3318	cf6	dct	CTRCONFTO
3319	cf7	dct	CTNOTCM2
3320	cf8	dct	CTHBLLMPROB
3321	cf9	dct	CTHBNACT
3322	cfa	dct	CTHBTOFAIL
3323	cfb	dct	CTNOACTDLN
3324	cfc	dct	CTRNAINC
3325	cf4	dct	CTRSTRFAIL
3326	cfe	dct	CTHBNMSCU
3327	cff	dct	CTBADPAGE
3328	d00	dct	CTINVLKMJ
3329	d01	dct	CTINVSIGST
3330	d02	dct	CTDTWATTFAIL
3331	d03	dct	CTDMERTFAIL
3332	d04	dct	CTINVCCTYPE
3333	d05	dct	CTINVMSGTYPE
3334	d06	dct	CTINVRANGERET
3335	d07	dct	CTDDDLNFAIL
3336	d08	dct	CTINVDDBIT
3337	d09	dct	CTINVDSIGST
3338	d0a	dct	CTINVTSIGST
3339	d0b	dct	CTINVTCAPST
3575	df7	dxtera	XTMTERASEG
3576	df8	dxtera	XTMTERALOG
3577	df9	dxtera	XTMTERAPDK
3578	dfa	dxtera	XTMTERARDK
3579	dfb	dxtera	XTMTERAWDK
3580	dfc	dxtera	XTMTERAUX
3750	ea6	dcmap	BXSABTFL
3751	ea7	dcmap	BXSACPTFL
3752	ea8	dcmap	BXSACKFL
3753	ea9	dcmap	BXSATTFL
3754	ea0	dcmap	BXSCONFL
3755	eab	dcmap	BXSDETFL
3756	eac	dcmap	BXSDisFL
3757	ead	dcmap	BXSCLoFL
3758	eae	dcmap	BXSOPNFL
3759	eaf	dcmap	BXSQUEFL
3760	eb0	dcmap	BXSRCVFL
3761	eb1	dcmap	BXSREFFL
3762	eb2	dcmap	BXSNDNFL
3763	eb3	dcmap	BXSXSDFL
3764	eb4	dcmap	CMApBFFL
3765	eb5	dcmap	CMApLSTB
3766	eb6	dcmap	CMApUNEQIP
3767	eb7	dcmap	CMApECDBAD
3768	eb8	dcmap	CMApECDFL
3769	eb9	dcmap	CMApINTB
3770	eba	dcmap	CMApEXTFL
3771	ebb	dcmap	CMApDDFL
3772	ebc	dcmap	CMApBADCASE
3773	ebd	dcmap	CMApDXTBL
3774	ebe	dcmap	CMApSXTBL
3775	ebf	dcmap	CMApBXFL
3776	ec0	dcmap	CMApDMSGFL
3777	ec1	dcmap	CMApHMFL
3778	ec2	dcmap	CMApLLISTB
3779	ec3	dcmap	CMApRTSFL
3780	ec4	dcmap	CMApDBBAD
3781	ec5	dcmap	CMApDBFL
3782	ec6	dcmap	CMApBPARM
3783	ec7	dcmap	CMApESCLFL
3784	ec8	dcmap	CMApCNFGFL

3785	ec9	dcmap	CMAABTFL
3786	eca	dcmap	CMAKFLT
3787	ecb	dcmap	CMAPEVFL
3788	ecc	dcmap	CMAPAROOR
3789	ecd	dcmap	CMAPLINK
3790	ece	dcmap	CMAPTYFL
3791	ecf	dcmap	CMAPOOPT
3792	ed0	dcmap	CMASENDF
3793	ed1	dcmap	CMAFBFEAT
3794	ed2	dcmap	CMAFBINDX
3795	ed3	dcmap	CMAFBMCCI
3850	f0a	das	EDLCPOPEN
3895	f37	dama	AMVMFENMSG
3896	f38	dama	AMVMFCMKP
3897	f39	dama	AMVMUNKMGTYP
3898	f3a	dama	AMVMFSCMKP
3899	f3b	dama	AMVMFRCMKP
3900	f3c	dama	AMVMFCNPRT

5. 5E11 Numeric Index: 15000-20520

ERROR CODE	PRM CODE	RANGE	MNEMONIC
15000	3a98	pcmf	CMFLDPTR
15001	3a99	pcmf	CMFUNITS
15002	3a9a	pcmf	CMFTMS1OPC
15003	3a9b	pcmf	CMFTMS1CNT
15004	3a9c	pcmf	CMFTMS2OPC
15005	3a9d	pcmf	CMFTMS2CNT
15006	3a9e	pcmf	CMFSSOPC
15007	3a9f	pcmf	CMFBADMSG
15008	3aa0	pcmf	CMFINVRET
15009	3aa1	pcmf	CMFFPCCNT
15010	3aa2	pcmf	CMFNONCRIT
15011	3aa3	pcmf	CMFINVDATA
15012	3aa4	pcmf	CMFLOAD
15013	3aa5	pcmf	CMFUNLOAD
15014	3aa6	pcmf	CMFTPBTM
15050	3aca	pcmm	CMAULINK
15051	3acb	pcmm	CMAUPHSE
15052	3acc	pcmm	CMAUSTAT
15053	3acd	pcmm	CMAUFREE
15054	3ace	pcmm	CMAUBUFT
15055	3acf	pcmm	CMAUPUPT
15056	3ad0	pcmm	CMAUSUPT
15057	3ad1	pcmm	CMAUTIMT
15058	3ad2	pcmm	CMAUNXST
15059	3ad3	pcmm	CMAUDCLF
15060	3ad4	pcmm	CMAUOPPT
15061	3ad5	pcmm	CMAUIQPT
15062	3ad6	pcmm	CMAUINFR
15063	3ad7	pcmm	CMAUORCV
15064	3ad8	pcmm	CMAULQFL
15065	3ad9	pcmm	CMAUXMTS
15066	3ada	pcmm	CMAURMTS
15067	3adb	pcmm	CMAUBQFL
15068	3adc	pcmm	CMAUNOAD
15069	3add	pcmm	CMAUCLFR
15070	3ade	pcmm	CMAURLLD
15071	3adf	pcmm	CMAUTLLD
15072	3ae0	pcmm	CMAURLVR
15073	3ae1	pcmm	CMAUTLPT
15074	3ae2	pcmm	CMAURLPT
15075	3ae3	pcmm	CMAUMSPT
15076	3ae4	pcmm	CMAUTLBC
15077	3ae5	pcmm	CMAUACKS
15078	3ae6	pcmm	CMAURAMMUT
20000	4e20	as	SES_0_ASRT
20001	4e21	as	SES_1_ASRT
20002	4e22	as	SES_2_ASRT
20003	4e23	as	SES_3_ASRT
20004	4e24	as	SES_4_ASRT

20005	4e25	as	SES_5_ASRT
20006	4e26	as	SES_6_ASRT
20007	4e27	as	SES_7_ASRT
20008	4e28	as	MS_0_ASRT
20009	4e29	as	MS_1_ASRT
20010	4e2a	as	MS_2_ASRT
20011	4e2b	as	MS_3_ASRT
20012	4e2c	as	MS_4_ASRT
20013	4e2d	as	MS_5_ASRT
20014	4e2e	as	MS_6_ASRT
20015	4e2f	as	MS_7_ASRT
20016	4e30	as	MS_8_ASRT
20017	4e31	as	MS_9_ASRT
20018	4e32	as	MS_10_ASRT
20019	4e33	as	ASMSPRERR
20020	4e34	as	ASMSHMDEVC
20021	4e35	as	ASMSALWMSG
20022	4e36	as	ASMSINHMSG
20023	4e37	as	ASMSHMVERB
20024	4e38	as	ASMSCLCSEC
20025	4e39	as	ASMSCLCRPT
20026	4e3a	as	ASMSHMQERR
20027	4e3b	as	ASMSHMOUT
20028	4e3c	as	ASMSBCBID
20029	4e3d	as	ASMSBCMSG
20030	4e3e	as	ASMSBCRPT
20031	4e3f	as	ASMSCPCCRPT
20032	4e40	as	ASMSALWSEC
20033	4e41	as	ASMSINHSEC
20034	4e42	as	AS_BAD_DB
20035	4e43	as	AS_OS_BAD
20036	4e44	as	AS_BADOAPDA
20037	4e45	as	ASBAD_PN
20038	4e46	as	AS_BADMSGTYPE
20039	4e47	as	ASINIT_REQ
20040	4e48	as	ASINV_PCB
20041	4e49	as	ASINV_PROGID
20042	4e4a	as	ASINV_SCB
20043	4e4b	as	ASNOPID
20044	4e4c	as	ASOSPSDIST
20045	4e4d	as	ASSND_OPR
20046	4e4e	as	ASOSCLIMIT
20047	4e4f	as	ASFATALBUF
20048	4e50	as	ASTMOAP
20049	4e51	as	ASPSMLIMIT
20050	4e52	as	ASMSIBRC
20051	4e53	as	ASNOPATH
20052	4e54	as	ASBADPSM
20053	4e55	as	ASBDINDX
20054	4e56	as	ASBDMMSG
20055	4e57	as	ASBDDIG
20056	4e58	as	DBBADMHG
20057	4e59	as	DBBADIST
20058	4e5a	as	GPTYPBAD
20059	4e5b	as	DBBADICX
20060	4e5c	as	DBBADGRP
20061	4e5d	as	DBBADTRM
20062	4e5e	as	DBBADQICI
20063	4e5f	as	DBBADBLF
20065	4e61	as	PRTIMBAD
20066	4e62	as	AS_REASON_BAD
20067	4e63	as	HSS_TIMEOUT
20068	4e64	as	HSSLIST_ERR
20070	4e66	as	AS_RFSH_BAD
20071	4e67	as	APID_STATIC
20072	4e68	as	AS_CMAPSEND_BAD
20073	4e69	as	ASFBTEDB
20074	4e6a	as	AS_HSSPID_BAD
20076	4e6c	as	MS1SILENTSM
20077	4e6d	as	MS2SILENTSM
20078	4e6e	as	ASBADTRKG
20085	4e75	as	MS_11_ASRT

20086	4e76	as	AS_EISDSL_BAD
20088	4e78	as	HSS_OVERLAP
20089	4e79	as	APID_DYNAMIC
20090	4e7a	as	APID_INVALID
20091	4e7b	as	AS_IFLOW_BAD
20092	4e7c	as	AS_AUTREC_BAD
20093	4e7d	as	AS_ISTPARM_BAD
20094	4e7e	as	AS_INTERFLW_BAD
20095	4e7f	as	AS_DSTID_BAD
20096	4e80	as	ASUPDAUT
20097	4e81	as	AS_RANGE_BAD
20098	4e82	as	AS_DCHAN_BAD
20099	4e83	as	MS_99_ASRT
20100	4e84	as	MS_100_ASRT
20101	4e85	as	ASBADOSINT
20102	4e86	as	AS_NOINCID
20103	4e87	as	ASGROUPPORT
20105	4e89	as	ASACDNOIN
20106	4e8a	as	ASBAD_ISTPARM
20107	4e8b	as	ASBAD_DSTID
20108	4e8c	as	ASUPDPARM
20109	4e8d	as	ASFAL_ISTPARM
20110	4e8e	as	COTNO2MSG
20111	4e8f	as	COTNO1MSG
20112	4e90	as	COTNOPORT
20113	4e91	as	COTNOOSDS
20114	4e92	as	COTNODDRD
20115	4e93	as	COTNODDWT
20116	4e94	as	COTSANFAIL
20117	4e95	as	COTNOPAS
20118	4e96	as	COTWRGMSG
20119	4e97	as	ASUPDSTID
20120	4e98	as	ASUPDIFLOW
20121	4e99	as	ASBGN_TRAN
20122	4e9a	as	ASOPN_REL
20123	4e9b	as	ASEND_TRAN
20124	4e9c	as	ASTM_ZONE
20125	4e9d	as	ASOSPSID
20126	4e9e	as	ASDRAINTM
20127	4e9f	as	ASRD_IFOSPS
20128	4ea0	as	ASRD_RROSPS
20129	4ea1	as	ASUPD_IFOSPS
20130	4ea2	as	ASUPD_RROSPS
20135	4ea7	as	GRPNUM_STATIC
20136	4ea8	as	GRPNUM_DYNAMIC
20137	4ea9	as	GRPTYP_STATIC
20138	4eaa	as	ASBEDLIO
20152	4eb8	as	MSMAXEDSLEXCED
20153	4eb9	as	ASBADGACSND
20154	4eba	as	MS_77_ASRT
20175	4ecf	as	MSBAD_LNNODE
20176	4ed0	as	MS_SG_ASRT
20177	4ed1	as	MS_13_6_UPD
20179	4ed3	as	DBBDLNST
20182	4ed6	as	AS_OAP_SEC
20194	4ee2	as	ASERICCVDB
20195	4ee3	as	ASNODPRT
20198	4ee6	as	ASNO_UID
20201	4ee9	as	ASCCLCTERR
20205	4eed	as	ASDDRDERR
20213	4ef5	as	MSCPEGOVFL
20214	4ef6	as	ASERMEASDES
20215	4ef7	as	MSCHSHOVFL
20222	4efe	as	MSCSMTDCUMG
20300	4f4c	au	AUER00
20301	4f4d	au	AUER01
20302	4f4e	au	AUER02
20303	4f4f	au	AUER03
20304	4f50	au	AUER04
20305	4f51	au	AUER05
20306	4f52	au	AUERSEM
20307	4f53	au	AUERRPCR

20308	4f54	au	AURMTYPE
20309	4f55	au	AUERAUID
20310	4f56	au	AUERDBUP
20311	4f57	au	AUERTIME
20312	4f58	au	AUEROLDT
20313	4f59	au	AUERCKTTYP
20314	4f5a	au	AURASNIT
20315	4f5b	au	AURASRET
20316	4f5c	au	AUFCHESC
20317	4f5d	au	AUFCHBM
20318	4f5e	au	AUFCHNIT
20319	4f5f	au	AUFCHNFC
20320	4f60	au	AUFCHNRT
20321	4f61	au	AUERGREL
20322	4f62	au	AUWPERR
20323	4f63	au	AUERINTRNL
20324	4f64	au	AUERERC
20325	4f65	au	AUQ_TEST
20326	4f66	au	AUACCTYPE
20327	4f67	au	AUAUDMAN
20328	4f68	au	AUAUDMOD
20329	4f69	au	AUERINSEM
20330	4f6a	au	AUACINIT
20331	4f6b	au	AUACID
20332	4f6c	au	AUACCOND
20333	4f6d	au	AUACSEG
20334	4f6e	au	AUERSPP
20336	4f70	au	AUAUDPID
20337	4f71	au	AUERTRAN
20338	4f72	au	AUERALARMA
20339	4f73	au	AUBADTBL
20340	4f74	au	AUBDSITYP
20341	4f75	au	AUBDASEC
20342	4f76	au	AUBDDDINIT
20343	4f77	au	AUBDINSTCHK
20344	4f78	au	AUAMAPREAD
20345	4f79	au	AUCQDBSCHED
20346	4f7a	au	AUERSTOP
20347	4f7b	au	AUREFLECT
20348	4f7c	au	AUAUDCUR
20349	4f7d	au	AU_PARTITION
20350	4f7e	au	AU_CONTROL
20351	4f7f	au	AU_SENDEM
20352	4f80	au	AU_WGETTYPE
20353	4f81	au	AU_IPCNTL
20354	4f82	au	AU_CONDITION
20355	4f83	au	AU10DBFRDTUP
20356	4f84	au	AU20DBFRDTUP
20357	4f85	au	AU30DBFRDTUP
20358	4f86	au	AU40DBFRDTUP
20359	4f87	au	AU50DBFRDTUP
20360	4f88	au	AU10SMDWRITE
20361	4f89	au	AU20SMDWRITE
20362	4f8a	au	AU30SMDWRITE
20363	4f8b	au	AU40SMDWRITE
20364	4f8c	au	AU50SMDWRITE
20365	4f8d	au	AU60SMDWRITE
20366	4f8e	au	AU70SMDWRITE
20367	4f8f	au	AU80SMDWRITE
20368	4f90	au	AU90SMDWRITE
20369	4f91	au	AU95SMDWRITE
20370	4f92	au	AU105SMDWRITE
20371	4f93	au	AU115SMDWRITE
20372	4f94	au	AU130SMDWRITE
20373	4f95	au	AU140SMDWRITE
20374	4f96	au	AU150SMDWRITE
20375	4f97	au	AU160SMDWRITE
20376	4f98	au	AU170SMDWRITE
20377	4f99	au	AU180SMDWRITE
20378	4f9a	au	AU190SMDWRITE
20379	4f9b	au	AU200SMDWRITE
20380	4f9c	au	AU10SMDREAD

20381	4f9d	au	AU20SMDDREAD
20382	4f9e	au	AU30SMDDREAD
20383	4f9f	au	AU40SMDDREAD
20384	4fa0	au	AU50SMDDREAD
20385	4fa1	au	AU60SMDDREAD
20386	4fa2	au	AU70SMDDREAD
20387	4fa3	au	AU80SMDDREAD
20388	4fa4	au	AU90SMDDREAD
20389	4fa5	au	AU100SMDDREAD
20390	4fa6	au	AU110SMDDREAD
20391	4fa7	au	AU120SMDDREAD
20392	4fa8	au	AUMODATT
20393	4fa9	au	AUTSMMSG
20394	4faa	au	AUCDBCCB
20395	4fab	au	AUUTGCKTDATA
20396	4fac	au	AUUTDCKTDATA
20397	4fad	au	AU_PCDUNIT
20398	4fae	au	AUSWITCH
20399	4faf	au	AUWHILE
20400	4fb0	au	AUREASERR
20401	4fb1	au	AURSTERR
20402	4fb2	au	AUUNPROCESS
20403	4fb3	au	AUSTQDBSCHED
20404	4fb4	au	AU250SMDDREAD
20405	4fb5	au	AU260SMDDREAD
20406	4fb6	au	AU270SMDDREAD
20407	4fb7	au	AU280SMDDREAD
20408	4fb8	au	AU290SMDDREAD
20409	4fb9	au	AU300SMDDREAD
20410	4fba	au	AU310SMDDREAD
20411	4fbb	au	AU320SMDDREAD
20412	4fbc	au	AUDALNST
20413	4fbd	au	AUDALGLN
20414	4fbe	au	AUDATKST
20415	4fbf	au	AUDALGTK
20416	4fc0	au	AUDATQUE
20417	4fc1	au	AUDATOWN
20418	4fc2	au	AUDAGTGC
20419	4fc3	au	AUDATGC
20420	4fc4	au	KAPROGERR
20421	4fc5	au	AULSTSTRT
20422	4fc6	au	AUBDMS
20423	4fc7	au	AUMSLG
20424	4fc8	au	AUEAPLOST
20425	4fc9	au	AUINHSTATE
20426	4fca	au	AUERLCGT
20427	4fcb	au	AUERBDTI
20428	4fcc	au	AU10DDREAD
20429	4fcd	au	AU20DDREAD
20430	4fce	au	AUBADPCR
20431	4fcf	au	AU40DDREAD
20432	4fd0	au	AU50DDREAD
20433	4fd1	au	AU60DDREAD
20434	4fd2	au	AU10DDWRITE
20435	4fd3	au	AU20DDWRITE
20436	4fd4	au	AU30DDWRITE
20437	4fd5	au	AU40DDWRITE
20438	4fd6	au	AU50DDWRITE
20439	4fd7	au	AU60DDWRITE
20440	4fd8	au	AU10AUCLWTALL
20441	4fd9	au	AU20AUCLWTALL
20442	4fda	au	AU30AUCLWTALL
20443	4fdb	au	AU40AUCLWTALL
20444	4fdc	au	AUERDICT
20445	4fdd	au	AUNOFUNC
20446	4fde	au	AUN_ELEM
20447	4fdf	au	AU_DRTRAV
20448	4fe0	au	AUDDINH
20449	4fe1	au	AUDDALW
20450	4fe2	au	AUMMAUDRC
20451	4fe3	au	AUMRKLOGRC
20452	4fe4	au	AUCOLLECTRC

20453	4fe5	au	AU1MRKPAGRC
20454	4fe6	au	AU2MRKPAGRC
20455	4fe7	au	KAOORTIMER
20456	4fe8	au	KANOKAFCN
20457	4fe9	au	AUNEWMAP
20458	4fea	au	KAPCBLAKEY
20459	4feb	au	KABADMSG
20460	4fec	au	KASPTMR_TAG
20461	4fed	au	KASP_REASON
20462	4fee	au	KASPMS_FAIL
20463	4fef	au	KART_SFG
20464	4ff0	au	KALGRT_SFG
20465	4ff1	au	KATIMERTAG
20466	4ff2	au	KAR_LGM1
20467	4ff3	au	KAR_LGM2
20468	4ff4	au	KART_MEM
20469	4ff5	au	AU3MRKPAGRC
20470	4ff6	au	AU4MRKPAGRC
20471	4ff7	au	KALGMEM1
20472	4ff8	au	AU10SMECDRD
20473	4ff9	au	AU20SMECDRD
20474	4ffa	au	AU30SMECDRD
20475	4ffb	au	AU40SMECDRD
20476	4ffc	au	AU50SMECDRD
20477	4ffd	au	AU60SMECDRD
20478	4ffe	au	KAMEM
20479	4fff	au	KAGP_PT1
20480	5000	au	AUERSMISOL
20481	5001	au	AUERISOL
20482	5002	au	AU10DDRSMWWRITE
20483	5003	au	AU20DDRSMWWRITE
20484	5004	au	AU30DDRSMWWRITE
20485	5005	au	AU10DDCASE
20486	5006	au	AUDBERR
20487	5007	au	KAGP_PT2
20488	5008	au	AUSFGAMST
20489	5009	au	AUSFGSMST
20490	500a	au	AUTMERR
20491	500b	au	KAGP_PT3
20492	500c	au	AUERSMSEP
20493	500d	au	AUERSMINIT
20494	500e	au	AUERSEP
20495	500f	au	AUESINIT
20496	5010	au	AUDD_CLIDAT
20497	5011	au	AU40DDRSMWWRITE
20498	5012	au	AU50DDRSMWWRITE
20499	5013	au	AU60DDRSMWWRITE
20500	5014	au	AUZAPICC
20501	5015	au	KALGMEM2
20502	5016	au	KAERRDB
20503	5017	au	KAINVREL
20504	5018	au	KADBFRTUP
20505	5019	au	KAERRDA
20506	501a	au	KA_INTERNAL
20507	501b	au	KALTMSTAT
20508	501c	au	KAPORTLA
20509	501d	au	KADPB
20510	501e	au	KATEDB
20511	501f	au	KAISATUCD
20512	5020	au	KAPORTGRP
20513	5021	au	AUREQDPB
20514	5022	au	AUREQDALB
20515	5023	au	AUMSGINVALID
20516	5024	au	AUMEMKEY
20517	5025	au	AULGMEMKEY
20518	5026	au	KASRTMHG
20519	5027	au	KALRTMHG
20520	5028	au	KART_LGM

6. 5E11 Numeric Index: 20521-21270

ERROR CODE	PRM CODE	RANGE	MNEMONIC
20521	5029	au	KALGP_PSGP
20522	502a	au	KASRT_MEM
20523	502b	au	KASGP_PSGP
20524	502c	au	KAMRTMHG
20525	502d	au	KAMRT_LGM
20526	502e	au	KAMGRP_PRT
20527	502f	au	KA_LGLNSTAT
20528	5030	au	KA_LNSTAT
20529	5031	au	KASPSGRPPORT
20530	5032	au	KASGRPPORT
20531	5033	au	KAHTYPE
20532	5034	au	KALPSGRPPORT
20533	5035	au	KALGRPPORT
20534	5036	au	KA_MUPHST
20535	5037	au	KALNSTXTRA
20536	5038	au	KALLNSTXTRA
20537	5039	au	KAXTRAMUPHST
20538	503a	au	KAKTKQUE
20539	503b	au	KAKLGTKST
20540	503c	au	KAKTKSTAT
20541	503d	au	KAGRP_PRT
20542	503e	au	KAPSGRP_PRT
20543	503f	au	KAPRT_GRP
20544	5040	au	KAPSPRT_GRP
20545	5041	au	AUDDREAD
20546	5042	au	AU_INDFWRK
20547	5043	au	AUSMRTEC
20548	5044	au	KARDTADATA
20549	5045	au	KAODPSOP
20550	5046	au	KAEQUIPDSL
20551	5047	au	AUBNKS96
20552	5048	au	KAPORTTYPE
20553	5049	au	AUBDGLOBAL
20554	504a	au	AUBADPROCNO
20555	504b	au	KACLDB
20556	504c	au	KAMDB
20557	504d	au	KAPKLOT
20558	504e	au	AUBADPARAM
20559	504f	au	AUDDWRITE
20560	5050	au	KACRECORD
20561	5051	au	KA_SFGCOR
20562	5052	au	KABADTASK
20563	5053	au	KA_SFSTAT
20564	5054	au	KA_LGSFSTAT
20565	5055	au	AUNOCDACT
20566	5056	au	AUNOCCACT
20567	5057	au	AUNOSFIACT
20572	505c	au	AU70DDREAD
20573	505d	au	KAPCBLA
20574	505e	au	KADALB
20900	51a4	cm	CMAULINK
20901	51a5	cm	CMAUINFR
20902	51a6	cm	CMAUPHSE
20903	51a7	cm	CMAUSTAT
20904	51a8	cm	CMAUFREE
20905	51a9	cm	CMAURMTS
20906	51aa	cm	CMAUPT
20907	51ab	cm	CMAUSUPT
20908	51ac	cm	CMAUTIMT
20909	51ad	cm	CMAUORCV
20910	51ae	cm	CMAUSMGD
20911	51af	cm	CMAUMSGT
20912	51b0	cm	CMAURETC
20913	51b1	cm	CMAUDPID
20914	51b2	cm	CMAUERRT
20915	51b3	cm	CMAUPTST
20916	51b4	cm	CMAURCST
20917	51b5	cm	CMAURJOB
20918	51b6	cm	CMAUXTST
20919	51b7	cm	CMAURMMG

20920	51b8	cm	CMAUASYR
20921	51b9	cm	CMAUARQF
20922	51ba	cm	CMAUOSMG
20923	51bb	cm	CMAUXMTS
20924	51bc	cm	CMAUNXST
20925	51bd	cm	CMAUMLNG
20926	51be	cm	CMAURCVF
20927	51bf	cm	CMAUSRCF
20928	51c0	cm	CMAUSNDF
20929	51c1	cm	CMEDLCP1
20930	51c2	cm	CMEDLCP2
20931	51c3	cm	CMPGMUPF
20932	51c4	cm	CMA PD DRDF
20933	51c5	cm	CMA PD BRDF
20934	51c6	cm	CMA PNOOPT
20935	51c7	cm	CMA PISITE
20936	51c8	cm	CMA PSE NDF
20937	51c9	cm	CMA PBF EAT
20938	51ca	cm	CMA PBINDX
20939	51cb	cm	CMA PRLIDB
20940	51cc	cm	CMA POLDTB
20941	51cd	cm	CMA PNEWTB
20942	51ce	cm	CMA PBA DOP
20943	51cf	cm	CMTOPID
20944	51d0	cm	CMSEGBYTE
20945	51d1	cm	CMINPTR
20946	51d2	cm	CMOPCODE
20947	51d3	cm	CMOUTPTR
20948	51d4	cm	CMBPOFULL
20949	51d5	cm	CMOSDELIVER
20950	51d6	cm	CMDFREEMSG
20951	51d7	cm	CMPORTID
20952	51d8	cm	CMCMKPTABLE
20953	51d9	cm	CMQUEUEMSG
20954	51da	cm	CMAUOQFULL
20955	51db	cm	CMBADPKTPTR
20956	51dc	cm	CMBADPLINK
20957	51dd	cm	CMBADPSIZE
20958	51de	cm	CMBADPTYPE
20959	51df	cm	CMBADP_PREV
20960	51e0	cm	CMBADSEQORDER
20961	51e1	cm	CMBADTOPPTR
20962	51e2	cm	CMNOPKTBUF
20963	51e3	cm	CMPKTINTERR
20964	51e4	cm	CMSAMEMSG
20965	51e5	cm	CMBADPINDEX
20966	51e6	cm	CMBADPRIOR
20967	51e7	cm	CMINVMSType
20968	51e8	cm	CMBADUSETYPE
20969	51e9	cm	CMAUPKTLNG
20970	51ea	cm	CMAPODDERR
20971	51eb	cm	CMMSGLONG
20972	51ec	cm	CMBUFERR
20973	51ed	cm	CMHIQEMPTY
20974	51ee	cm	CMERRRCVBUF
20975	51ef	cm	CMAUSWQERR
20976	51f0	cm	CMAUSWMFERR
20977	51f1	cm	CMAUBDLINK
20978	51f2	cm	CMAUINVSTATE
20979	51f3	cm	CMAULOSTPKT
20980	51f4	cm	CMAUPKTBLAST
20981	51f5	cm	CMPCRID0
20982	51f6	cm	CMAPE911AP
20983	51f7	cm	CMDLNCOMP
20984	51f8	cm	CMAUBADIDLE
20985	51f9	cm	CMAUFDINV
20986	51fa	cm	CMAUFDLINK
20987	51fb	cm	CMAUTDINV
20988	51fc	cm	CMAUTDLINK
20989	51fd	cm	CMAUSPERR
20990	51fe	cm	CMAUQERR
20991	51ff	cm	CMAUSPTO

20992	5200	cm	CMAUNOFDS
20993	5201	cm	CMAUNOTDS
20994	5202	cm	CMAUTDEOL
20995	5203	cm	CMAUMHERR
20996	5204	cm	CMAUXMTERR
20997	5205	cm	CMAURCVERR
20998	5206	cm	CMAUILL2X4
20999	5207	cm	CMAUTDERR
21000	5208	cm	CMAUTDFREE
21001	5209	cm	CMAUINVPARAM
21002	520a	cm	CMAPECSITE
21003	520b	cm	CMAUMHSWERR
21004	520c	cm	CMAUMHIDERR
21005	520d	cm	CMAUQLINIT
21006	520e	cm	CMCORLLCB
21007	520f	cm	QLINVNETWORK
21008	5210	cm	QLTSKNUMINV
21009	5211	cm	QLINVENDPOINT
21010	5212	cm	CMAURETINV
21011	5213	cm	QLINCLMDB
21012	5214	cm	QLTSKPRIINV
21013	5215	cm	QLINVTIMER
21014	5216	cm	CMINVLIST
21015	5217	cm	QLINVLMDB
21016	5218	cm	QLLLCBIXINV
21017	5219	cm	QLINVLLCB
21018	521a	cm	CMSIPBUFERR
21019	521b	cm	CMSIPRESET
21020	521c	cm	CMSIPTYPE
21021	521d	cm	CMSIPSTAT
21022	521e	cm	CMSIPCALLER
21023	521f	cm	MTTBADOWNER
21024	5220	cm	MTPARMBAD
21025	5221	cm	MTTBADTIME
21026	5222	cm	MTNORESRC
21027	5223	cm	QLINCLLCB
21029	5225	cm	CMAUINVINIT
21030	5226	cm	CMAUENPTYPE
21031	5227	cm	CMQLOORENDPT
21032	5228	cm	QLINVFRMTYPE
21033	5229	cm	MTTBADDELAY
21034	522a	cm	MTTBADHDC
21035	522b	cm	MTTBADNXT
21036	522c	cm	MTTBADPREV
21037	522d	cm	MTTBADSTRUCT
21038	522e	cm	MTTBADTTYPE
21039	522f	cm	CMAUSPDERR
21040	5230	cm	CMAUQTSBAD
21041	5231	cm	CMAUL1BUSY
21042	5232	cm	CMOUTLLCB
21043	5233	cm	CMAUFDLOW
21044	5234	cm	QLINVPKTTYPE
21045	5235	cm	CMAULGINV
21046	5236	cm	CMAULGMLNG
21047	5237	cm	CMAUSCTO
21048	5238	cm	MTLLCBIXINV
21049	5239	cm	MTINVLLCB
21050	523a	cm	MTINCLLCB
21051	523b	cm	MTINVFRMTYPE
21052	523c	cm	MTINVCOMB
21053	523d	cm	MTINVSEQ
21054	523e	cm	MTINVXMITQ
21055	523f	cm	CMAUSCERR
21056	5240	cm	CMAUSCRCV
21057	5241	cm	CMAUPTINV
21058	5242	cm	CMAUTDAF
21059	5243	cm	CMAUWINFL
21060	5244	cm	CMAUBDINV
21061	5245	cm	CMAUL1DERR
21062	5246	cm	CMAUL1DTO
21063	5247	cm	CMAUNOBUFS
21100	526c	da	SXSMASRT

21101	526d	da	CCSMASRT
21102	526e	da	CDSMASRT
21103	526f	da	CHSMASRT
21104	5270	da	CPSMASRT
21105	5271	da	CQSMASRT
21106	5272	da	GSSMASRT
21107	5273	da	PHSMASRT
21108	5274	da	TSSMASRT
21109	5275	da	POSMASRT
21110	5276	da	AUSMASRT
21111	5277	da	MASMASRT
21112	5278	da	QLSMASRT
21113	5279	da	XRSMASRT
21114	527a	da	ARLMASRT
21115	527b	da	PYSMASRT
21116	527c	da	TQSMASRT
21117	527d	da	CCLMASRT
21118	527e	da	CDLMASRT
21119	527f	da	CHLMASRT
21120	5280	da	PCLMASRT
21121	5281	da	PHLMASRT
21122	5282	da	POLMASRT
21123	5283	da	TSLMASRT
21124	5284	da	ERSMASRT
21125	5285	da	GEN_NOREL
21126	5286	da	GEN_NOTUP
21127	5287	da	EXLMASRT
21128	5288	da	TGLMASRT
21129	5289	da	GRLMASRT
21130	528a	da	TKLMASRT
21131	528b	da	TOLMASRT
21132	528c	da	LTLMASRT
21133	528d	da	TGSMASRT
21134	528e	da	EXSMASRT
21135	528f	da	GRSMASRT
21136	5290	da	APSMASRT
21137	5291	da	ARSMASRT
21138	5292	da	FLLMASRT
21139	5293	da	BUSMASRT
21140	5294	da	CQDBSMASRT
21141	5295	da	STSMASRT
21142	5296	da	LOSMASRT
21143	5297	da	APDBSMASRT
21144	5298	da	DOSMASRT
21145	5299	da	STLMASRT
21146	529a	da	CQLMASRT
21147	529b	da	DOLMASRT
21148	529c	da	MPLMASRT
21149	529d	da	RRLMASRT
21150	529e	da	PBSMASRT
21151	529f	da	DASMASRT
21152	52a0	da	PBLMASRT
21153	52a1	da	BISMASRT
21154	52a2	da	BCSMASRT
21155	52a3	da	BILMASRT
21156	52a4	da	BCLMASRT
21157	52a5	da	PKSMASRT
21158	52a6	da	SPSMASRT
21159	52a7	da	DALMASRT
21160	52a8	da	SPLMASRT
21162	52aa	da	TLSMASRT
21163	52ab	da	TPSMASRT
21164	52ac	da	CASMASRT
21165	52ad	da	SNSMASRT
21167	52af	da	ABSMASRT
21168	52b0	da	PRLMASRT
21169	52b1	da	QRLMASRT
21170	52b2	da	ASLMASRT
21171	52b3	da	TPLMASRT
21172	52b4	da	ASSMASRT
21173	52b5	da	ACLMASRT
21174	52b6	da	CBSMASRT

21175	52b7	da	DISMASRT
21176	52b8	da	BRSMASRT
21177	52b9	da	TESMASRT
21178	52ba	da	BRLMASRT
21179	52bb	da	DILMASRT
21180	52bc	da	DLLMASRT
21181	52bd	da	CBLMASRT
21182	52be	da	OASMASRT
21183	52bf	da	OSSMASRT
21184	52c0	da	BFSMASRT
21185	52c1	da	SCLMASRT
21186	52c2	da	APLMASRT
21187	52c3	da	DBLMASRT
21188	52c4	da	SCSMASRT
21189	52c5	da	DBSMASRT
21190	52c6	da	QSMASRT
21191	52c7	da	OTLMASRT
21192	52c8	da	NSSMASRT
21193	52c9	da	OTSMASRT
21194	52ca	da	BLSMASRT
21195	52cb	da	TMSMASRT
21196	52cc	da	DHSMASRT
21197	52cd	da	DMSMASRT
21198	52ce	da	LYSMASRT
21199	52cf	da	NSLMASRT
21200	52d0	da	LYLMASRT
21201	52d1	da	DHLMASRT
21202	52d2	da	CLLMASRT
21203	52d3	da	CLSMASRT
21204	52d4	da	MDSMASRT
21205	52d5	da	USSMASRT
21206	52d6	da	NDSMASRT
21207	52d7	da	NDLMASRT
21208	52d8	da	CNSMASRT
21209	52d9	da	CNLMASRT
21210	52da	da	DTSMASRT
21211	52db	da	DTLMASRT
21214	52de	da	LKSMASRT
21215	52df	da	OPLMASRT
21216	52e0	da	LKLMASRT
21217	52e1	da	TISMASRT
21218	52e2	da	PVLMASRT
21219	52e3	da	PVSMASRT
21220	52e4	da	RVLMASRT
21221	52e5	da	RVSMASRT
21223	52e7	da	CVLMASRT
21224	52e8	da	SRLMASRT
21225	52e9	da	SRSMASRT
21226	52ea	da	CVSMASRT
21227	52eb	da	ALSMASRT
21228	52ec	da	AHSMASRT
21229	52ed	da	CZLMASRT
21230	52ee	da	CZSMASRT
21231	52ef	da	QCSMASRT
21232	52f0	da	QCLMASRT
21233	52f1	da	HCSMASRT
21234	52f2	da	OPSMASRT
21235	52f3	da	TRSMASRT
21236	52f4	da	RQSMASRT
21237	52f5	da	DPSMASRT
21238	52f6	da	EISMASRT
21239	52f7	da	HLSMASRT
21240	52f8	da	SBSMASRT
21241	52f9	da	PCSMASRT
21242	52fa	da	PSSMASRT
21243	52fb	da	PLSMASRT
21244	52fc	da	QOSMASRT
21245	52fd	da	LHSMASRT
21246	52fe	da	MCSMASRT
21247	52ff	da	TTSMASRT
21248	5300	da	RGSMASRT
21249	5301	da	TASMASRT

21250	5302	da	TALMASRT
21251	5303	da	TOSMASRT
21252	5304	da	E9LMASRT
21253	5305	da	E9SMASRT
21254	5306	da	MWSMASRT
21255	5307	da	S0SMASRT
21256	5308	da	S0LMASRT
21257	5309	da	RTSMASRT
21258	530a	da	RLSMASRT
21259	530b	da	RLLMASRT
21260	530c	da	RBSMASRT
21261	530d	da	LCLMASRT
21262	530e	da	LCSMASRT
21263	530f	da	SULMASRT
21264	5310	da	SUSMASRT
21265	5311	da	NBSMASRT
21266	5312	da	NILMASRT
21267	5313	da	NISMASRT
21268	5314	da	TNSMASRT
21269	5315	da	MLSMASRT
21270	5316	da	IASMASRT

7. 5E11 Numeric Index: 21271-21950

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21271	5317	da	TBSMASRT
21272	5318	da	TBLMASRT
21273	5319	da	PASMASRT
21274	531a	da	PALMASRT
21275	531b	da	PISMASRT
21276	531c	da	TELMASRT
21277	531d	da	ISSMASRT
21278	531e	da	FLSMASRT
21279	531f	da	EBSMASRT
21280	5320	da	ANSMASRT
21281	5321	da	CTSMASRT
21282	5322	da	CTLMASRT
21283	5323	da	AXSMASRT
21284	5324	da	PXSMASRT
21285	5325	da	CFSMASRT
21286	5326	da	CFLMASRT
21287	5327	da	CRSMASRT
21288	5328	da	MQSMASRT
21289	5329	da	OCLMASRT
21290	532a	da	OCSMASRT
21291	532b	da	HISMASRT
21292	532c	da	HILMASRT
21293	532d	da	PESMASRT
21294	532e	da	PQSMASRT
21295	532f	da	QTSMASRT
21296	5330	da	ICSMASRT
21297	5331	da	QGSMASRT
21298	5332	da	PRSMASRT
21299	5333	da	QRSMASRT
21300	5334	da	UTSMASRT
21301	5335	da	TDSMASRT
21302	5336	da	C7SMASRT
21303	5337	da	E7SMASRT
21304	5338	da	P7SMASRT
21305	5339	da	T7SMASRT
21306	533a	da	SLSMASRT
21309	533d	da	TDLMASRT
21310	533e	da	HDLMASRT
21311	533f	da	SDSMASRT
21312	5340	da	SDLMASRT
21313	5341	da	UDLMASRT
21314	5342	da	UDSMASRT
21315	5343	da	VLLMASRT
21316	5344	da	AKSMASRT
21317	5345	da	GTSMASRT
21318	5346	da	COSMASRT

21319	5347	da	C1SMASRT
21320	5348	da	DCSMASRT
21321	5349	da	JFSMASRT
21322	534a	da	D6SMASRT
21323	534b	da	LXSMASRT
21324	534c	da	LBSMASRT
21325	534d	da	N7SMASRT
21326	534e	da	NASMASRT
21327	534f	da	N1SMASRT
21328	5350	da	RRSMASRT
21329	5351	da	MRSMASRT
21330	5352	da	S7SMASRT
21331	5353	da	RDSMASRT
21332	5354	da	XPSMASRT
21333	5355	da	IGLMASRT
21334	5356	da	IGSMASRT
21335	5357	da	GSLMASRT
21336	5358	da	GKLMASRT
21337	5359	da	GKSMASRT
21338	535a	da	QDSMASRT
21339	535b	da	LQSMASRT
21340	535c	da	HQSMASRT
21341	535d	da	QVSMASRT
21342	535e	da	QVLMASRT
21343	535f	da	SQSMASRT
21400	5398	dg	DGRXSE0
21401	5399	dg	DGRXSE1
21402	539a	dg	DGRXSE2
21403	539b	dg	DGRXSE3
21404	539c	dg	DGRXSE4
21405	539d	dg	DGRXSE5
21406	539e	dg	DGRXSE6
21407	539f	dg	DGRXSE7
21408	53a0	dg	DGPE1
21409	53a1	dg	DGPE2
21410	53a2	dg	DGPE3
21411	53a3	dg	DGPE4
21412	53a4	dg	DGPE5
21413	53a5	dg	DGDATAPROB
21414	53a6	dg	DGPE7
21416	53a8	dg	DGPE9
21418	53aa	dg	DGPE11
21419	53ab	dg	DGPE12
21420	53ac	dg	DGPE13
21421	53ad	dg	DGRXSE8
21422	53ae	dg	DGRXSE9
21500	53fc	fc	FCNFTLDB
21501	53fd	fc	FCUNXMSG
21502	53fe	fc	FCBADVALUE
21504	5400	fc	FCBADOCDS
21505	5401	fc	FCBADSTATE
21508	5404	fc	DCGPAXHC
21513	5409	fc	FCBADPARM
21520	5410	fc	FC0000
21523	5413	fc	FC0003
21524	5414	fc	FC0004
21525	5415	fc	FC0005
21530	541a	fc	FC0010
21535	541f	fc	FC0015
21539	5423	fc	FC911TBAD
21540	5424	fc	FCE9OPBAD
21553	5431	fc	FC0033
21554	5432	fc	FC0034
21559	5437	fc	FC0039
21570	5442	fc	FC0050
21572	5444	fc	FC0052
21573	5445	fc	FC0053
21574	5446	fc	FC0054
21575	5447	fc	FC0055
21576	5448	fc	FC0056
21577	5449	fc	FC0057
21579	544b	fc	FC0059

21595	545b	fc	FC0075
21596	545c	fc	FC0076
21599	545f	fc	FC0079
21600	5460	fc	FC0080
21601	5461	fc	FC0081
21602	5462	fc	FC0082
21604	5464	fc	FC0084
21611	546b	fc	FC0091
21612	546c	fc	FC0092
21613	546d	fc	FC0093
21614	546e	fc	FC0094
21617	5471	fc	FC0097
21619	5473	fc	FC0099
21622	5476	fc	FCASPNOBIL
21623	5477	fc	DCGPVACANT
21624	5478	fc	DCGETCBDB
21626	547a	fc	FC0106
21627	547b	fc	FC0107
21628	547c	fc	FC0108
21630	547e	fc	FC0110
21631	547f	fc	FC0111
21632	5480	fc	FC0112
21634	5482	fc	FC0114
21635	5483	fc	FC0115
21636	5484	fc	FC0116
21637	5485	fc	FC0117
21638	5486	fc	FC0118
21640	5488	fc	FCPPSI04
21647	548f	fc	FC0127
21649	5491	fc	FC0129
21656	5498	fc	FCHTLREL
21657	5499	fc	FCHTLTUP
21658	549a	fc	FCISPSCRN
21659	549b	fc	FCOPRTKREL
21660	549c	fc	FCOPRTKTUP
21661	549d	fc	FCDIOPRREL
21662	549e	fc	FCDIOPRTUP
21666	54a2	fc	ISFBBRCSDDB
21667	54a3	fc	ISFBDALB
21668	54a4	fc	ISFBDBPB
21669	54a5	fc	FCAPCCC
21673	54a9	fc	FCUNCNFL
21675	54ab	fc	FC0155
21676	54ac	fc	FC0156
21677	54ad	fc	FCACCT_CF
21678	54ae	fc	FCACCT_GP
21679	54af	fc	FCACCT_PRT
21680	54b0	fc	FCACCT_RTG
21681	54b1	fc	FCINV_GPID
21683	54b3	fc	FCATH_CF
21684	54b4	fc	FCATH_PRT
21685	54b5	fc	FCATH_FCOS
21686	54b6	fc	FCATH_GP
21687	54b7	fc	FCATGP_INV
21688	54b8	fc	ISFBLINK
21689	54b9	fc	ISFBTEDB
21690	54ba	fc	MCRBQERR
21691	54bb	fc	FCRBQBTP
21692	54bc	fc	FCARALTFRL
21694	54be	fc	ISFBIDLE
21695	54bf	fc	ISFBNOTEDB
21697	54c1	fc	ISFBUNLINK
21698	54c2	fc	FCMQSET1
21699	54c3	fc	FCMQSET2
21700	54c4	fc	FCMQWHN1
21701	54c5	fc	FCMQWHN2
21702	54c6	fc	FCMDRCF
21703	54c7	fc	FCMDRPORT
21704	54c8	fc	FCMDRINVGPID
21705	54c9	fc	FCMDRGP
21706	54ca	fc	ISNOBNFEAT
21707	54cb	fc	ISNOFEATBN

21708	54cc	fc	FCDNFEAT
21709	54cd	fc	FCTRMFEAT
21710	54ce	fc	FCSDNBDBF
21711	54cf	fc	ISDSP_ACN
21712	54d0	fc	ISDSP_REST
21713	54d1	fc	ISDSP_RMSG
21714	54d2	fc	ISDSP_SWTCH
21715	54d3	fc	FCMDS_CF
21716	54d4	fc	FCBADREAS
21717	54d5	fc	FCMDS_PORT
21718	54d6	fc	FCMDS_IGR
21719	54d7	fc	FCMDS_GRP
21720	54d8	fc	FCMSSPIN
21721	54d9	fc	FCMSPMSG
21722	54da	fc	FCMSFREQ
21723	54db	fc	FCMWITP
21724	54dc	fc	FCBLTTP
21725	54dd	fc	FCMWRFTP
21726	54de	fc	ISEDGRP
21727	54df	fc	ISEDSCF
21728	54e0	fc	ISEDINVGPID
21729	54e1	fc	ISEDSPORT
21730	54e2	fc	ISEDS_APID
21731	54e3	fc	FCANCHDENTRY
21732	54e4	fc	FCANCHDID
21733	54e5	fc	FCINSDYN
21734	54e6	fc	FCLNBRCs
21735	54e7	fc	FCLNCBDB
21736	54e8	fc	FCLNDALB
21738	54ea	fc	FCRGLPRM
21739	54eb	fc	FCUGLPRM
21740	54ec	fc	FCGETCBDB
21741	54ed	fc	FCLNCBPC
21742	54ee	fc	ISAHBLTM
21743	54ef	fc	ISAHHCBL
21744	54f0	fc	ISDAGTAM
21745	54f1	fc	ISDBFDAM
21746	54f2	fc	ISDBFIAH
21747	54f3	fc	ISDBFIAM
21748	54f4	fc	ISRSBLTM
21749	54f5	fc	ISRSHCBL
21750	54f6	fc	FCFPCCB
21751	54f7	fc	FCBAD4WIRE
21753	54f9	fc	FC4WDRACB
21760	5500	fc	FCUPCCB
21761	5501	fc	DCLNCBPC
21762	5502	fc	FCNLUPERR
21767	5507	fc	FCATH_CACHE
21768	5508	fc	FCMDC_GRP
21769	5509	fc	FCLNADB
21770	550a	fc	FCLNSCMB
21771	550b	fc	FCTCMINVRAN
21772	550c	fc	FCARTCM
21773	550d	fc	FCUNDPINFO
21775	550f	fc	FCUNFLGNSC
21776	5510	fc	FCUNNSC
21777	5511	fc	FCUNOFFON
21778	5512	fc	FCUNONDI
21779	5513	fc	FCUNONOFF
21780	5514	fc	FCUNRLOFFON
21785	5519	fc	FCANCINENTRY
21786	551a	fc	FCANCINID
21787	551b	fc	FCANCTRENTY
21788	551c	fc	FCANCTRID
21790	551e	fc	ISBADMSG
21799	5527	fc	ISNRMODS
21800	5528	fc	ISAHHCBL
21801	5529	fc	ISAHHCDI
21802	552a	fc	ISRDATTM
21803	552b	fc	ISBADARG
21804	552c	fc	ISBADPARM
21805	552d	fc	ISDISPCF

21806	552e	fc	ISDSP_SMSG
21807	552f	fc	ISFBRDI
21808	5530	fc	ISFCLINE
21809	5531	fc	ISFDABR
21810	5532	fc	ISFDAPC
21811	5533	fc	ISFPCDA
21812	5534	fc	ISGETDALB
21813	5535	fc	ISGETPCBLA
21814	5536	fc	ISGHTEDA
21815	5537	fc	ISGOTEDA
21816	5538	fc	ISGRPPORT
21817	5539	fc	ISGSTEDA
21818	553a	fc	ISICX_ICI
21819	553b	fc	ISINDISPTUP
21820	553c	fc	ISINVSTR
21821	553d	fc	ISINVTERM
21822	553e	fc	ISINV_ENVAL
21823	553f	fc	ISISATMBR
21824	5540	fc	ISLBRDI
21825	5541	fc	ISLIDCF
21826	5542	fc	ISMISCA
21827	5543	fc	ISNO2LINK
21828	5544	fc	ISOFFICECODE
21829	5545	fc	ISPORTGRP
21830	5546	fc	ISPTLA
21831	5547	fc	ISQO_ICI
21832	5548	fc	ISQ_ISAT
21834	554a	fc	ISRDSPLYPAR
21835	554b	fc	ISRHHCBR
21836	554c	fc	ISRHHCDI
21837	554d	fc	DCPUTCBDB
21838	554e	fc	ISRTMHG
21839	554f	fc	ISTERMCA
21840	5550	fc	ISUBRDA
21841	5551	fc	ISUBRDI
21843	5553	fc	ISUDISPPAR
21845	5555	fc	ISLBRDA
21846	5556	fc	MTOUTMSGER
21847	5557	fc	MTPASSMSGER
21848	5558	fc	MTUNLCKER
21849	5559	fc	ISSOHD
21850	555a	fc	FCNOISLN
21852	555c	fc	FCMWISDNERR
21853	555d	fc	FCBADNRST
21854	555e	fc	FCNONRST
21857	5561	fc	FCOSWTFAIL
21858	5562	fc	ISBAD_MEM
21859	5563	fc	FCMWNOCC
21860	5564	fc	ISBADMWLYN
21861	5565	fc	FCPHDBER
21862	5566	fc	FCDESTYP
21863	5567	fc	FCNOHDALB
21864	5568	fc	FCTSDBER
21865	5569	fc	MTWGETER
21867	556b	fc	MTBADPFMSTATE
21868	556c	fc	FCSHTERM
21869	556d	fc	MTUNEXPMSG
21870	556e	fc	ISNODALB
21871	556f	fc	ISPPGHTEDA
21872	5570	fc	FBDNFEATS
21873	5571	fc	ISFCPORTYP
21874	5572	fc	ISLINECA
21875	5573	fc	ISLPTPT
21876	5574	fc	ISPACK_NLOADED
21877	5575	fc	FCMDCINV
21879	5577	fc	ISNOICMTERM
21880	5578	fc	ISNOICM1LST
21881	5579	fc	ISUMICMGRP
21882	557a	fc	FCDEFAULT
21883	557b	fc	FCOSLNTH
21889	5581	fc	ISRHHCDA
21890	5582	fc	ISLPCDL

21891	5583	fc	ISFPCDL
21892	5584	fc	ISAUPCDL
21893	5585	fc	ISUPCDA
21894	5586	fc	ISUPCDL
21895	5587	fc	ISLPCDA
21896	5588	fc	ISHHCDI
21897	5589	fc	ISAHHCDA
21899	558b	fc	FCATCOS
21900	558c	fc	FCACB_CF
21901	558d	fc	FCACB_PORT
21902	558e	fc	DCOSSENFAL
21903	558f	fc	FCAD1S_IDP
21904	5590	fc	DCSREASON
21905	5591	fc	FCAD2S_IDP
21906	5592	fc	DCSVFSM
21907	5593	fc	DCSLOOPFSM
21908	5594	fc	FCARCF
21909	5595	fc	FCARGP
21910	5596	fc	FCARPORT
21911	5597	fc	FCARSCRN
21912	5598	fc	DCTREASON
21913	5599	fc	FCCF_CF
21914	559a	fc	FCCF_LTM
21915	559b	fc	FCCW_CF
21916	559c	fc	FCCW_PORT
21917	559d	fc	FCDR_CF
21918	559e	fc	DCUNEXPMMSG
21919	559f	fc	FCIDP_ACT
21920	55a0	fc	FCIDP_CF
21921	55a1	fc	DCUNEXPINP
21922	55a2	fc	FCIDP_DTRE
21923	55a3	fc	FCIDP_GP
21924	55a4	fc	FCIDP_ICOM
21925	55a5	fc	FCIDP_PORT
21926	55a6	fc	FCLTM_PORT
21927	55a7	fc	FCMWCF
21928	55a8	fc	FCMWPORT
21929	55a9	fc	FCPF_GP
21930	55aa	fc	FCPF_PARM
21931	55ab	fc	FCPF_PORT
21932	55ac	fc	DCINVDATA
21933	55ad	fc	FCPUO_CF
21934	55ae	fc	FCPUT_CF
21935	55af	fc	FCPU_LTM
21936	55b0	fc	FCPU_PORT
21937	55b1	fc	FCTD_CF
21938	55b2	fc	FCTD_CODE
21939	55b3	fc	FCTD_SCHED
21941	55b5	fc	FCTG_CF
21942	55b6	fc	DCTMRFAIL
21943	55b7	fc	DCAPXAMAP
21945	55b9	fc	ISBADMWRET
21946	55ba	fc	FCMSINVACT
21948	55bc	fc	DCAPXTMAP
21949	55bd	fc	DC_PCBLA
21950	55be	fc	DC_GPAXDB

8. 5E11 Numeric Index: 21951-22380

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21951	55bf	fc	DC_APXCTBL
21952	55c0	fc	FC_COINCHG
21953	55c1	fc	DCGRP_PRT
21954	55c2	fc	DCTRKSTAT
21955	55c3	fc	FC_TRUNK
21956	55c4	fc	DCNOPCBLA
21957	55c5	fc	FCBADNS_TN
21958	55c6	fc	ISSDTEDB
21959	55c7	fc	ISRSTEDA
21960	55c8	fc	ISAHTEDA
21961	55c9	fc	FCMWIBODD

21962	55ca	fc	FCNOPAPB
21964	55cc	fc	ISFBLTMSTAT
21965	55cd	fc	FCMDS_INVAP
21966	55ce	fc	ISSENDEXT
21968	55d0	fc	ISBKINSR
21970	55d2	fc	ISGETPTLA
21971	55d3	fc	ISGETTEDB
21972	55d4	fc	ISGETTCB
21973	55d5	fc	ISGETADB
21974	55d6	fc	ISDLBKEY
21975	55d7	fc	ISHHCDB
21976	55d8	fc	ISOSERNG
21977	55d9	fc	ISANFAILTP
21978	55da	fc	ISANALMSG
21979	55db	fc	ISMSGTYPE
21980	55dc	fc	ISBADADB
21981	55dd	fc	ISBADDALB
21982	55de	fc	BADDALBPID
21984	55e0	fc	ISSCMDB
21986	55e2	fc	ISFNDDISP
21987	55e3	fc	ISKAMSG
21988	55e4	fc	ISATHCDB
21989	55e5	fc	ISLPODB
21990	55e6	fc	ISXLFAIL
21991	55e7	fc	ISSCMLPT
21992	55e8	fc	ISSCMMMSG
21993	55e9	fc	ISKATPCR
21994	55ea	fc	ISFBINTER
21996	55ec	fc	ISSHDACK
21997	55ed	fc	ISSHSCINIT
21999	55ef	fc	ISTERMARRAY
22001	55f1	fc	ISADBPID
22002	55f2	fc	ISBR_FRDA
22003	55f3	fc	ISINTMSG
22004	55f4	fc	ISEXTMSG
22006	55f6	fc	ISGTOOSDALB
22007	55f7	fc	FCNPTMOD
22008	55f8	fc	ISINVICI
22009	55f9	fc	FCATER01
22010	55fa	fc	FCINVMWITP
22011	55fb	fc	FCNOMWIREQ
22012	55fc	fc	FCBADMWIREQ
22013	55fd	fc	FCINMSGMWI
22014	55fe	fc	FCNOPRT2MWI
22015	55ff	fc	FCBADAVMWIPQ
22016	5600	fc	FCBADMWCRCPQ
22017	5601	fc	FCINVMWRFTP
22018	5602	fc	DCBADTKST
22019	5603	fc	FCMSSIPOD
22020	5604	fc	ISFBLDAT
22021	5605	fc	FCATCMSGBAD
22022	5606	fc	FCATCRTIBAD
22023	5607	fc	MTDALBERR
22024	5608	fc	MTOPENERRR
22025	5609	fc	MTBAVAILERR
22026	560a	fc	MTCLOSERR
22027	560b	fc	DCTKMEMBAD
22028	560c	fc	DCUNLKBUSY
22029	560d	fc	DCUNLKIDLE
22030	560e	fc	FCDNBFG
22031	560f	fc	FCTRMBFG
22032	5610	fc	FCPP_LTM
22033	5611	fc	FCDSU2NRS
22034	5612	fc	DCLINKIDLE
22035	5613	fc	FC_FACIDS
22036	5614	fc	FCPUG_SM
22037	5615	fc	FCBADQUE
22038	5616	fc	ISRTDNMHG
22039	5617	fc	ISATPRT
22040	5618	fc	ISATGRP
22041	5619	fc	ISATCF
22042	561a	fc	FCPCCLSP

22043	561b	fc	FCCLMDSPP
22044	561c	fc	FCNOMEMPCCL
22045	561d	fc	FCNOMEMCLMD
22048	5620	fc	FCBADMOD
22049	5621	fc	FCMSSAPBFALL
22051	5623	fc	FCCORC
22052	5624	fc	FCMHG_CF
22053	5625	fc	ISACOFTR
22054	5626	fc	DCLINKBUSY
22061	562d	fc	FCINVMGRASP
22062	562e	fc	FCBADMFRRASP
22063	562f	fc	ISNOCCODE
22064	5630	fc	ISISTGIDX
22065	5631	fc	ISISAFIDX
22066	5632	fc	FCDCACTER
22067	5633	fc	BFGACCT_PRT
22068	5634	fc	BFGATH_PRT
22069	5635	fc	BFGARPORT
22070	5636	fc	BFGACB_PORT
22071	5637	fc	BFGPU_LTM
22072	5638	fc	BFGEDS_PORT
22073	5639	fc	BFGMWPORT
22074	563a	fc	BFGIDP_PORT
22075	563b	fc	BFGPF_PORT
22076	563c	fc	BFGMDR_PORT
22077	563d	fc	BFGPU_PORT
22078	563e	fc	FCCFSCOP
22079	563f	fc	BFGPP_LTM
22080	5640	fc	FCCFLNTRM
22081	5641	fc	BFGCW_PORT
22082	5642	fc	FCBADTMR
22083	5643	fc	FCBADMSG
22084	5644	fc	FCBADACT
22085	5645	fc	FCMSGFLRASP
22086	5646	fc	FCRASPIN
22087	5647	fc	FCCFOVSCOP
22088	5648	fc	FCCFOVLNTRM
22089	5649	fc	FCINVSLOT
22090	564a	fc	FCCFIDLERR
22093	564d	fc	FCBKLATANUM
22094	564e	fc	FCDIOPRFAIL
22095	564f	fc	FCFLNPAMAP
22096	5650	fc	FCHOTELFAIL
22097	5651	fc	FCNPAMAPTUP
22098	5652	fc	FCOAEXMAPFAIL
22099	5653	fc	FCOPRTKFAIL
22100	5654	fc	FCRTSCRNFAIL
22101	5655	fc	ICLIDIDX
22102	5656	fc	ISISATGRP
22103	5657	fc	FCASPCPOHD
22104	5658	fc	FCCPPOPC
22105	5659	fc	FCASPSTDOLD
22106	565a	fc	ISFDABR2
22107	565b	fc	ISGETEDB
22108	565c	fc	ISGODPTE
22109	565d	fc	ISLPMVPORT
22110	565e	fc	ISPORPCBLA
22111	565f	fc	FCASPCPFB
22112	5660	fc	FCBADPCRRASP
22113	5661	fc	FCDB_AMGPD
22114	5662	fc	FCRTDNMOD
22115	5663	fc	FCRT_DNTRAN
22116	5664	fc	ISDSL_EQUIP
22117	5665	fc	ICLIDATA
22118	5666	fc	ICLIDDB
22124	566c	fc	FCCFPF_LTM
22125	566d	fc	FCSPABILLDN
22126	566e	fc	FCSPABNDSCRN
22127	566f	fc	FCSPAENXX
22129	5671	fc	FCPP_CF
22130	5672	fc	FCPP_TRUNK
22131	5673	fc	FCPP_COS

22132	5674	fc	FCPP_COI
22133	5675	fc	FCPUO_ROUT
22134	5676	fc	FCLTSBPORT
22135	5677	fc	FCLTSCSPMSG
22136	5678	fc	FCLTBRMSER
22137	5679	fc	FCPCC_CC
22138	567a	fc	FCLTUXBRCS
22139	567b	fc	NOANILHB
22140	567c	fc	NOISILHB
22141	567d	fc	NOANOLHB
22142	567e	fc	NOISOLHB
22143	567f	fc	FCARCBADPARM
22144	5680	fc	DAANILHB
22145	5681	fc	DAISILHB
22146	5682	fc	DAANOLHB
22147	5683	fc	DAISOLHB
22148	5684	fc	FCARCMXPUNXP
22149	5685	fc	FCARCMMSGUNXP
22150	5686	fc	FCARCOSMGERR
22151	5687	fc	FCTMRARCFAIL
22153	5689	fc	FCSDNBRET
22154	568a	fc	FCCOT_CF
22155	568b	fc	FCAC_PORT
22156	568c	fc	FCAR_PORT
22157	568d	fc	FCIDPRDTRE
22158	568e	fc	FCSDNFINTF
22159	568f	fc	FCSDNFFINTF
22160	5690	fc	FCTR_UNKN
22161	5691	fc	FCBADPTRSPP
22163	5693	fc	FCPUENTRY
22164	5694	fc	FCPUQUEUE
22165	5695	fc	FCE9BADSF
22166	5696	fc	FCALOSRVOT
22169	5699	fc	FCLTUNLKER
22170	569a	fc	FCLTATPLER
22171	569b	fc	FCLTREORER
22172	569c	fc	FCLTGUPER
22173	569d	fc	FCLTLINKER
22174	569e	fc	FCLTCOSER
22175	569f	fc	FCCF_LDN
22176	56a0	fc	FCLTEXTMSG
22177	56a1	fc	FCLTINTMSG
22178	56a2	fc	FCSLEPROCERR
22179	56a3	fc	FCSLELENGTHERR
22180	56a4	fc	FCSLEDEFAULT
22181	56a5	fc	FCTRPFANI
22182	56a6	fc	FCTREDLANI
22183	56a7	fc	FCTRKSDN
22184	56a8	fc	FCPNRNG
22185	56a9	fc	ISACSR_GRP
22186	56aa	fc	ISACSR_OPT
22188	56ac	fc	FCIDPRICOM
22189	56ad	fc	FCCFGPCB
22190	56ae	fc	FCCOTCLASS
22191	56af	fc	FCCOTDISP
22192	56b0	fc	FCCOTRESP
22193	56b1	fc	FCCOTTMEQ
22194	56b2	fc	FCAR_CF
22195	56b3	fc	FCAC_CF
22196	56b4	fc	FCBNS_DB
22197	56b5	fc	FCB_PSEUDO
22198	56b6	fc	FCDISERV
22199	56b7	fc	FCCFGTDB
22200	56b8	fc	FCNSOFF
22201	56b9	fc	FCNSON
22202	56ba	fc	FCNONSDB
22203	56bb	fc	FCACPF
22204	56bc	fc	FCMHG_TGSR
22205	56bd	fc	FCCDVTP
22206	56be	fc	FCCDVUNX
22207	56bf	fc	FCSCM_NSCM
22208	56c0	fc	FCLPTSPID

22209	56c1	fc	FCCDVTRG
22210	56c2	fc	FCGHPCCCL
22211	56c3	fc	FCGSPCCCL
22212	56c4	fc	FCLNCLDB
22213	56c5	fc	FCLNMDB
22214	56c6	fc	FCCPNBNCF
22215	56c7	fc	FCSCP DAS
22216	56c8	fc	FCSLEBADMSG
22217	56c9	fc	FCSLEINVLDREQ
22218	56ca	fc	FCSCALTM
22219	56cb	fc	FCSCFLT M
22220	56cc	fc	FCSCRLTM
22221	56cd	fc	FCSDALTM
22222	56ce	fc	FCLSF_CF
22223	56cf	fc	FCBFGSC_PORT
22224	56d0	fc	FCSC_CF
22225	56d1	fc	FCSC_PORT
22226	56d2	fc	FCACDAFAIL
22227	56d3	fc	FC4WDAC
22228	56d4	fc	FC4WDAR
22229	56d5	fc	FCGENSCA
22230	56d6	fc	FCGENSCF
22231	56d7	fc	FCGENSCR
22232	56d8	fc	FCGENSDA
22233	56d9	fc	FCLSFSCA
22234	56da	fc	FCLSFSCF
22235	56db	fc	FCLSFSCR
22236	56dc	fc	FCLSFSDA
22237	56dd	fc	FCLSFHCA
22238	56de	fc	FCLSFHCF
22239	56df	fc	FCLSFHCR
22240	56e0	fc	FCLSFHDA
22241	56e1	fc	FCSLEDSP
22242	56e2	fc	FCSMSEQIDX
22243	56e3	fc	FCCAR_GENAV
22244	56e4	fc	FCGHCLMD
22245	56e5	fc	FCGSCLMD
22246	56e6	fc	FCSLETMRC
22247	56e7	fc	FCSLETARG
22248	56e8	fc	FCSLET FID
22249	56e9	fc	FCLNFFINTF
22250	56ea	fc	FCIMPDGTS
22251	56eb	fc	FCSCRANG
22252	56ec	fc	FCTRKL N
22253	56ed	fc	FCIVLFEATCNT
22254	56ee	fc	FCLNBRET
22255	56ef	fc	FCLNFFINTF
22256	56f0	fc	FCBDACTN
22257	56f1	fc	FCLSNTWK
22258	56f2	fc	FCRTROUTING
22259	56f3	fc	FCBADRBREAS
22260	56f4	fc	FCSHTRMCNT
22261	56f5	fc	FCFRLRNG
22262	56f6	fc	FCTCMRNG
22263	56f7	fc	FCHCALIST
22264	56f8	fc	FCBDFRAME
22265	56f9	fc	FCBNETGRP
22266	56fa	fc	FCLNEDSLANI
22267	56fb	fc	FCLNISDNANI
22268	56fc	fc	FCLNPFANI
22269	56fd	fc	FCQDATNAVL
22270	56fe	fc	FCLNNOCAR
22271	56ff	fc	FCLNARPORT
22272	5700	fc	FCARLNSI
22273	5701	fc	FCHCFLIST
22274	5702	fc	FCHCRLIST
22275	5703	fc	FCHDALIST
22276	5704	fc	FCLNTCMDG
22277	5705	fc	FCPFCPECOS
22278	5706	fc	FCPF_CT
22279	5707	fc	FCPF_POVL
22280	5708	fc	FCPF_PCT

22281	5709	fc	FCICBGP1
22282	570a	fc	FCICBGP2
22283	570b	fc	FCICBGP3
22284	570c	fc	FCICBGP4
22285	570d	fc	FCHI_CF
22286	570e	fc	FCULNSDB
22287	570f	fc	HIUNEXPMMSG
22288	5710	fc	FCIDP_ERT
22289	5711	fc	FCIDP_AERT
22290	5712	fc	FCMWOSSNDERR
22291	5713	fc	FCTPUNXMSG
22292	5714	fc	FCBADQMUSIC
22293	5715	fc	FCAISSMISS
22294	5716	fc	FCOFFICECODE
22295	5717	fc	FCBTRK_DATA
22296	5718	fc	FC2CF_LTM
22297	5719	fc	FC3CF_LTM
22298	571a	fc	FC4CF_LTM
22299	571b	fc	FCTRMNCON
22300	571c	fc	FCDNINCON
22301	571d	fc	FCSHRINCON
22302	571e	fc	FCPFNONCT
22303	571f	fc	FCCR_STUCK
22304	5720	fc	FCDSPMSG
22305	5721	fc	FCCHRGIDXEXP
22306	5722	fc	FCLPCE9
22307	5723	fc	FCRHHCE9
22308	5724	fc	FCE911PSAP
22309	5725	fc	FCSENDMSG
22310	5726	fc	FCAHHCE9
22311	5727	fc	FCRERTFAIL
22312	5728	fc	FCFCPORTYP
22313	5729	fc	FCRT_SCRNING
22314	572a	fc	FCCOPER_SIG
22315	572b	fc	FCMWIBADHC
22316	572c	fc	FCUNXDESTTYPE
22317	572d	fc	FCUNXTYPCICALL
22318	572e	fc	FCMSMWIDA
22322	5732	fc	FCE9ESCOBAD
22323	5733	fc	FCEDSLTKG
22324	5734	fc	FCE9DASBAD
22325	5735	fc	FCE9SABAD
22326	5736	fc	FCE9DNBAD
22327	5737	fc	FCE9QRYBAD
22328	5738	fc	FCINSNSDB
22329	5739	fc	FCNOTGTO
22330	573a	fc	ISGODPDA
22331	573b	fc	ISAHDPDA
22333	573d	fc	FCLNLSCMDB
22334	573e	fc	FCASANN
22338	5742	fc	FCRT_TG
22339	5743	fc	FCTATSTATE
22340	5744	fc	FCTAT_LNTM
22341	5745	fc	FCASP_LTM
22343	5747	fc	FCB_TATDB
22344	5748	fc	FCACDDIS
22345	5749	fc	FCASPPORT
22346	574a	fc	FCASPMTNST
22347	574b	fc	FCASPAMNST
22348	574c	fc	FCASPPMNST
22349	574d	fc	FCASPSKMNST
22350	574e	fc	FCINSTATDB
22351	574f	fc	FCNOTATDB
22352	5750	fc	FCNORRTI
22353	5751	fc	FCTRKNOTA
22354	5752	fc	FCNOMUSRC
22355	5753	fc	FCTGLTM
22357	5755	fc	FCCLSUSPP
22358	5756	fc	FCHCSUAUD
22359	5757	fc	ISSOFTSPP
22360	5758	fc	FCGRPNET
22361	5759	fc	FCNCPDIP

22362	575a	fc	FCCNAMDATA
22363	575b	fc	FCBNS_IDX
22364	575c	fc	FCBTN_INFO
22365	575d	fc	FCBNS_BILL
22366	575e	fc	FCREDIRCNT
22367	575f	fc	FCBFGPORT
22368	5760	fc	FCCKT_PORT
22370	5762	fc	FCNULPORT
22371	5763	fc	FCBCR_NS
22372	5764	fc	FCINNS_IDX
22373	5765	fc	FCINTN_INFO
22374	5766	fc	FCINNS_BILL
22375	5767	fc	FCTATON
22376	5768	fc	FCNS_TRIG
22377	5769	fc	FCNS_ALGT
22378	576a	fc	FCBADSRCTYP
22379	576b	fc	FCBNS_TAT
22380	576c	fc	FCBQRY_CNT

9. 5E11 Numeric Index: 22381-23100

ERROR CODE	PRM CODE	RANGE	MNEMONIC
22381	576d	fc	FCRELAYMSGER
22382	576e	fc	FCERRMSGsze
22383	576f	fc	FCCBCPIDERR
22384	5770	fc	FCNS_SCR
22385	5771	fc	FCISPTIBAD
22386	5772	fc	FCASPEAOHD
22391	5777	fc	FCLNAPB
22393	5779	fc	FCERNS_IDX
22394	577a	fc	FCERNSDB
22395	577b	fc	FCERNS_BILL
22396	577c	fc	FCERTN_INFO
22397	577d	fc	FCERTATDB
22398	577e	fc	FCIDP_MBGE
22403	5783	fc	FCIPNSTRIG
22405	5785	fc	DCBADDATA
22407	5787	fc	FCINSATCALL
22414	578e	fc	FCASPDFDNT
22415	578f	fc	FCASPDFSPDN
22416	5790	fc	FCASPDFANNC
22419	5793	fc	FCNOCFDA
22426	579a	fc	FCRCMULTIDN
22439	57a7	fc	FCOHICSD
22441	57a9	fc	FCPEDSGRP
22442	57aa	fc	FCPZEDSGPID
22500	57e4	hm	HMMAP0
22501	57e5	hm	HMMAP1
22502	57e6	hm	HMMAP2
22503	57e7	hm	HMMAP3
22504	57e8	hm	HMMAP4
22505	57e9	hm	HMMAP5
22506	57ea	hm	HMMAP6
22507	57eb	hm	HMMAP7
22508	57ec	hm	HMMAP8
22509	57ed	hm	HMMAP9
22510	57ee	hm	HMMAP10
22511	57ef	hm	HMMAP11
22512	57f0	hm	HMMAP12
22513	57f1	hm	HMMAP13
22514	57f2	hm	HMMAP14
22515	57f3	hm	HMMAP15
22516	57f4	hm	HMMAP16
22517	57f5	hm	HMMAP17
22518	57f6	hm	HMMAP18
22519	57f7	hm	HMMAP19
22520	57f8	hm	HMMAP20
22521	57f9	hm	HMMAP21
22522	57fa	hm	HMMAP22
22523	57fb	hm	HMMAP23
22524	57fc	hm	HMMAP24

22525	57fd	hm	HMMAP25
22526	57fe	hm	HMMAP26
22527	57ff	hm	HMMAP27
22528	5800	hm	HMMAP28
22529	5801	hm	HMMAP29
22530	5802	hm	HMRMAP00
22531	5803	hm	HMRMAP01
22532	5804	hm	HMRMAP02
22533	5805	hm	HMRMAP03
22534	5806	hm	HMRMAP04
22535	5807	hm	HMRMAP05
22536	5808	hm	HMRMAP06
22537	5809	hm	HMRMAP07
22538	580a	hm	HMRMAP08
22539	580b	hm	HMRMAP09
22540	580c	hm	HMOMTBLINK
22541	580d	hm	HMOMTBPARM
22542	580e	hm	HMOMTDBERR
22543	580f	hm	HMOMTINVRC
22544	5810	hm	HMOMTOSRET
22545	5811	hm	HMOMTRELCK
22546	5812	hm	HMOMTDDERR
22547	5813	hm	HMOMTUNEXP
22548	5814	hm	HMOMTBDTMR
22549	5815	hm	HMRISA00
22550	5816	hm	HMRISA01
22551	5817	hm	HMRISA02
22552	5818	hm	HMRISA03
22553	5819	hm	HMRISA04
22554	581a	hm	HMRISA07
22555	581b	hm	HMRAS01
22556	581c	hm	HMRAS02
22557	581d	hm	HMRAS03
22558	581e	hm	HMRAS04
22559	581f	hm	HMRAS05
22560	5820	hm	HMRAS06
22561	5821	hm	HMRAS07
22562	5822	hm	HMRAS08
22563	5823	hm	HMRAS09
22564	5824	hm	HMRAS10
22565	5825	hm	HMRAS11
22566	5826	hm	HMRAS12
22567	5827	hm	HMRMP10
22568	5828	hm	HMRMP11
22569	5829	hm	HMRMP12
22570	582a	hm	HMRAS13
22571	582b	hm	HMRAS14
22572	582c	hm	HMRAS15
22573	582d	hm	HMRMP13
22574	582e	hm	HMRMP14
22575	582f	hm	HMRMP15
22650	587a	nm	NMSP_ENTRY
22651	587b	nm	NMTP_STUCK
22652	587c	nm	NMAD_TGCDA
22653	587d	nm	NMAD_GTGDA
22654	587e	nm	NMAD_EXRDA
22655	587f	nm	NMAD_RTKGDB
22656	5880	nm	NMAD_IVAR
22657	5881	nm	NMAD_KEYTGC
22658	5882	nm	NMCC_BADDATA
22659	5883	nm	NMCC_NONODES
22660	5884	nm	NMIMPDIGITS
22661	5885	nm	NMFC_LINE
22662	5886	nm	NMOFC_CODE
22663	5887	nm	NMSTG_DB
22664	5888	nm	NMSRTKG_DB
22665	5889	nm	NMSBAD_TG
22666	588a	nm	NMSACT_DD
22667	588b	nm	NMMSGRSMS
22668	588c	nm	NMTKGRSMS
22669	588d	nm	NMFCTRSMS
22670	588e	nm	NMTKGISMS

22671	588f	nm	NMTKGDSMS
22672	5890	nm	NMMCLRSMS
22673	5891	nm	NMIVAL_MSG
22674	5892	nm	NMIVNM_SCH
22675	5893	nm	NMTP_ENTRY
22676	5894	nm	NMUNEXMSG
22677	5895	nm	NM_OSAUBU
22678	5896	nm	NM_OSRETC
22679	5897	nm	NMILL_CMD
22680	5898	nm	NM_OSILMSG
22681	5899	nm	NM_OSINVFLD
22682	589a	nm	NMIWCCARG
22683	589b	nm	NMIWCHKARG
22684	589c	nm	NMIWLINK
22685	589d	nm	NMIWCHKLNK
22686	589e	nm	NMIWDATA
22687	589f	nm	NMNCDCCARG
22688	58a0	nm	NMNCDCCDATA
22689	58a1	nm	NMNCDCHKARG
22690	58a2	nm	NMAD_DOCDA
22691	58a3	nm	NMRD_DCOFC
22692	58a4	nm	NMKY_ARC
22693	58a5	nm	NMCD_ARC
22694	58a6	nm	NMNOCTIMER
22695	58a7	nm	NMERRCTM
22696	58a8	nm	NMQRYCHK
22697	58a9	nm	NMQRYCNTL
22698	58aa	nm	NMQRYOVTBL
22699	58ab	nm	NMCCTIMEOUT
22700	58ac	nm	NMCCBADPOL
22701	58ad	nm	NMCCSMDATA
22702	58ae	nm	NMDSCCBADATA
22704	58b0	nm	NMBADRC
22705	58b1	nm	NMBADDATA
22706	58b2	nm	NMMSG_UNX
22707	58b3	nm	NMINSANE_PROC
22708	58b4	nm	NMLIDBOVFL
22709	58b5	nm	NMBADARG
22710	58b6	nm	NMBADCNTL
22711	58b7	nm	NMLDLSTOVFL
22712	58b8	nm	NMAD_TRDA
22713	58b9	nm	NMPVNEROR
22714	58ba	nm	NMSDNDSCC
22715	58bb	nm	NMLNDSCC
22716	58bc	nm	NMBADDSA
22717	58bd	nm	NMBADLEN
22727	58c7	nm	NMOPCCOVFL
22728	58c8	nm	NMOPCCERR
22743	58d7	nm	NMCNAMERROR
22749	58dd	nm	NMASPEROR
22753	58e1	nm	NMNOPTOLA
22759	58e7	nm	NMDDRFAL
22850	5942	pc	PCSTOP
22851	5943	pc	PCLINKPROB
22852	5944	pc	PCDATAPROB
22853	5945	pc	PCOSDSPROB
22854	5946	pc	PCFGERROR
22855	5947	pc	PCJBSPROB
22856	5948	pc	PCLMCDB
22857	5949	pc	PCBGTRNER
22858	594a	pc	PCOPNRELER
22859	594b	pc	PCENDTRNER
22860	594c	pc	PCOSSEND
22861	594d	pc	PCBADPARAM
22862	594e	pc	PCLOSTTIMER
22863	594f	pc	PCTSIPOB
22864	5950	pc	PCCBCRDUMP
22865	5951	pc	PCDPTSB
22866	5952	pc	PCLCCPT
22867	5953	pc	PCDISPIDB
22868	5954	pc	PCDSLEQ
22869	5955	pc	PCLCHPT

22870	5956	pc	PCDDFLINK
22871	5957	pc	PCFPTCH
22872	5958	pc	PCDDPB
22873	5959	pc	PCCILCSMSK
22874	595a	pc	PCTDBOWN
22875	595b	pc	PCMTBFE
22876	595c	pc	PCCKTDATA
22877	595d	pc	PCMDPATH
22878	595e	pc	PCRG2CCBCOM
22879	595f	pc	PCLOSS_TBL
22880	5960	pc	PCARG
22881	5961	pc	PCDPB_DALB
22882	5962	pc	PCNODSL
22883	5963	pc	PCQCLRD
22884	5964	pc	PCDDALB
22885	5965	pc	PCDEFAULT
22886	5966	pc	PCDDSCC
22887	5967	pc	PCAPMAPBAD
22888	5968	pc	PCDCCCM
22889	5969	pc	PCDCCCR
22890	596a	pc	PCOSLNGTH
22891	596b	pc	PCDCHAN
22892	596c	pc	PCDCHDB
22893	596d	pc	PCDGSDB
22894	596e	pc	PCDTONE
22895	596f	pc	PCDHLSC
22896	5970	pc	PCDUTD
22897	5971	pc	PCOPLOSS
22898	5972	pc	PCDSGDB
22899	5973	pc	PCDCKTD
22900	5974	pc	PCDPORT
22901	5975	pc	PCDPHDB
22902	5976	pc	PCDTSDB
22903	5977	pc	PCLNKDALB
22904	5978	pc	PCLSLNK
22905	5979	pc	PCDCDBCOM
22906	597a	pc	PCDUBHC
22907	597b	pc	PCDCBHC
22908	597c	pc	PCLNKPLS
22909	597d	pc	PCDCQB
22910	597e	pc	PCMCDSCTYPE
22911	597f	pc	PCMCRLPTC
22912	5980	pc	PCMCMSUSG
22913	5981	pc	PCMCTMTB
22914	5982	pc	PCMCLMTB
22915	5983	pc	PCMCTRMTB
22916	5984	pc	PCACDBCOM
22917	5985	pc	PCATONE
22918	5986	pc	PCASMEST
22919	5987	pc	PCADSCC
22920	5988	pc	PCACHAN
22921	5989	pc	PCAHLSC
22922	598a	pc	PCGETPCBLA
22923	598b	pc	PCGETPICB
22924	598c	pc	PCFCPORT
22925	598d	pc	PCGETTONE
22926	598e	pc	PCGETCBHC
22927	598f	pc	PCGETCCB
22928	5990	pc	PCGETCHDB
22929	5991	pc	PCGETGSDB
22930	5992	pc	PCGETUBHC
22931	5993	pc	PCGETCDB
22932	5994	pc	PCGETDPB
22933	5995	pc	PCGETCQB
22934	5996	pc	PCGETPTSB
22935	5997	pc	PCISDCCFG
22937	5999	pc	PCBADDT
22938	599a	pc	PCGETPHDB
22939	599b	pc	PCPTSDUMP
22940	599c	pc	PCGETPTLA
22941	599d	pc	PCMVEPROC
22942	599e	pc	PCGETTSDB

22943	599f	pc	PCGETCHAN
22945	59a1	pc	PCLCBGS
22946	59a2	pc	PCLCCSNK
22947	59a3	pc	PCLCCPH
22948	59a4	pc	PCLPCCC
22949	59a5	pc	PCLPCPH
22950	59a6	pc	PCLPHTS
22951	59a7	pc	PCLCCCD
22952	59a8	pc	PCMVBRGATT
22953	59a9	pc	PCMVCLSDPH
22954	59aa	pc	PCLCCSRC
22955	59ab	pc	PCLCCCQ
22956	59ac	pc	PCLSRCCC
22957	59ad	pc	PCLCHCD
22958	59ae	pc	PCLSNKCC
22959	59af	pc	PCLCDCH
22960	59b0	pc	PCLUBCH
22961	59b1	pc	PCNODTP
22962	59b2	pc	PCSCADCON
22963	59b3	pc	PCFTDCON
22965	59b5	pc	PCACBGS
22966	59b6	pc	PCACCSNK
22967	59b7	pc	PCACCPH
22968	59b8	pc	PCAPCCC
22969	59b9	pc	PCAPCPH
22970	59ba	pc	PCDSPDCON
22971	59bb	pc	PCACCCD
22972	59bc	pc	PCNOTINSP
22973	59bd	pc	PCACDCQ
22974	59be	pc	PCACCSRC
22975	59bf	pc	PCACCCQ
22976	59c0	pc	PCASRCCC
22977	59c1	pc	PCACHCD
22978	59c2	pc	PCASNKCC
22979	59c3	pc	PCACDCH
22980	59c4	pc	PCAU BCH
22981	59c5	pc	PCATSPH
22982	59c6	pc	PCAPCPO
22983	59c7	pc	PCAPOPC
22985	59c9	pc	PCOWNPROB
22986	59ca	pc	PCLMCCB
22987	59cb	pc	PCDCOND
22988	59cc	pc	PCLPCCPLR
22989	59cd	pc	PCLMCPLR
22990	59ce	pc	PCLMTSDB
22991	59cf	pc	PCLMCHDB
22992	59d0	pc	PCLMPHTS
22993	59d1	pc	PCBADPDESC
22994	59d2	pc	PCBRVLN
22995	59d3	pc	PCOSWAKE
22996	59d4	pc	PCLPHSNK
22997	59d5	pc	PCLPHSRC
22998	59d6	pc	PCAPHPC
22999	59d7	pc	PCAPHCC
23000	59d8	pc	PCAPHSNK
23001	59d9	pc	PCAPHSRC
23002	59da	pc	PCASNKPH
23003	59db	pc	PCASRCPH
23004	59dc	pc	PCAPHDB
23005	59dd	pc	PCABGTIMER
23006	59de	pc	PCBADTRGT
23008	59e0	pc	PCSPCPH
23009	59e1	pc	PCSPHSNK
23010	59e2	pc	PCSPHSRC
23011	59e3	pc	PCSOSSEND
23012	59e4	pc	PCSDATAPROB
23013	59e5	pc	PCINVBONOP
23014	59e6	pc	PCBADMSG
23015	59e7	pc	PCBADREASON
23016	59e8	pc	PCS3PFail
23017	59e9	pc	PCSPCCC
23018	59ea	pc	PCSCCPH

23019	59eb	pc	PCSCCCH
23020	59ec	pc	PCCPTSDATA
23022	59ee	pc	PCHTMDUMP
23023	59ef	pc	PCCCBTMR
23024	59f0	pc	PCOUTSCH
23025	59f1	pc	PCDACCBTMR
23026	59f2	pc	PCDAOUTSCH
23027	59f3	pc	PCBADGCK
23028	59f4	pc	PCBGCKTI
23029	59f5	pc	PCUTPCPO
23031	59f7	pc	PCUTCCCH
23041	5a01	pc	PCBADLUTYPE
23042	5a02	pc	PCDT1USG
23043	5a03	pc	PCMTBS96
23044	5a04	pc	PCS96SHELF
23045	5a05	pc	PCDS96ABSIG
23046	5a06	pc	PCDRTS_HCN
23047	5a07	pc	PCATSDB
23048	5a08	pc	PCDRSMCHAN
23049	5a09	pc	PCMPHDTO
23050	5a0a	pc	PCSLCCSRC
23051	5a0b	pc	PCDMDATT
23052	5a0c	pc	PCDS96DFI
23053	5a0d	pc	PCDS96BASE
23054	5a0e	pc	PCDRTS_RTS
23055	5a0f	pc	PCDICL_MSK
23056	5a10	pc	PCDPF_SLCP
23057	5a11	pc	PCCHANGONE
23058	5a12	pc	PCAUHLP
23059	5a13	pc	PCBADNOOWN
23060	5a14	pc	PCNUSIG
23061	5a15	pc	PCNUHRWD
23062	5a16	pc	PCNOISTRM
23063	5a17	pc	PCNOFTBN
23064	5a18	pc	PCTEDB
23065	5a19	pc	PCDDFNBLNK
23066	5a1a	pc	PCDDFNIBBLE
23067	5a1b	pc	PCDDFMAP
23068	5a1c	pc	PCDMNBSTAT
23069	5a1d	pc	PCNUDBERR
23070	5a1e	pc	PCPSPRT_GP
23071	5a1f	pc	PCPSX25LN
23072	5a20	pc	PCPSTRUNKS
23073	5a21	pc	PCLAPBSUB
23074	5a22	pc	PCDLIN
23075	5a23	pc	PCDPBX
23077	5a25	pc	PCL6_LNK
23079	5a27	pc	PCL6DATA
23080	5a28	pc	PCCNERROR
23081	5a29	pc	PCDGRP_RI
23082	5a2a	pc	PCRI_DGRP
23083	5a2b	pc	PCISMANBUS
23084	5a2c	pc	PCPSX75TRK
23088	5a30	pc	PCFCHPT
23089	5a31	pc	PCFPCDA
23091	5a33	pc	PCODPSOP
23092	5a34	pc	PCPSL2THRS
23093	5a35	pc	PCPSTRK_L2
23094	5a36	pc	PCPQCLRD
23095	5a37	pc	PCTEILA
23096	5a38	pc	PCPHDATAPROB
23097	5a39	pc	PCLGRPMEM
23098	5a3a	pc	PCBADTMSLNK

10. 5E11 Numeric Index: 23101-23630

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23106	5a42	pc	PCTBLNOMTCH
23107	5a43	pc	PCUXPCPID
23108	5a44	pc	PCTSDBBITBAD
23109	5a45	pc	PCUSRCPH

23110	5a46	pc	PCCDBPURGE
23111	5a47	pc	PC1PCBLA
23112	5a48	pc	PCDQPHPIPE
23113	5a49	pc	PCACCBCH
23114	5a4a	pc	PCUPHSNK
23115	5a4b	pc	PCSMC7RCG_INV
23116	5a4c	pc	PCFPTPT
23117	5a4d	pc	PCDSL_EQ_CRFT
23118	5a4e	pc	PCPSUPIDB_CRFT
23119	5a4f	pc	PC1CCSNK
23121	5a51	pc	PCPHDB_BAD_EVENT
23122	5a52	pc	PCDBRCSDALB
23123	5a53	pc	PCQCLRED
23124	5a54	pc	PCQCLREP
23125	5a55	pc	PCINVUSER
23126	5a56	pc	PCBAD_NTSTATE
23127	5a57	pc	PCDEA_ALLOW
23128	5a58	pc	PCCHKUDSL
23129	5a59	pc	PCCSO_NT
23130	5a5a	pc	PCPSL3TRKG
23131	5a5b	pc	PCINVMUSIC
23132	5a5c	pc	PCBADMTPTBL
23133	5a5d	pc	PCPTMTPLNK
23134	5a5e	pc	PCSMTPCCPH
23135	5a5f	pc	PCLCCDS
23136	5a60	pc	PCLCHDS
23137	5a61	pc	PCLDSCH
23138	5a62	pc	PCDIDDS1
23139	5a63	pc	PCDIDPIDB
23140	5a64	pc	PCLDSCC
23142	5a66	pc	PCLPTDS
23143	5a67	pc	PCLDSPT
23144	5a68	pc	PCDDS0B
23145	5a69	pc	PCDS12RT
23146	5a6a	pc	PCRT2DS1
23148	5a6c	pc	PCDPIDB_PT
23149	5a6d	pc	PCDS1_PT
23150	5a6e	pc	PCINVMANN
23151	5a6f	pc	PCINVMTRK
23152	5a70	pc	PCMTPCBLAERR
23153	5a71	pc	PCINVPHSNKDS
23154	5a72	pc	PCCKTPORT
23155	5a73	pc	PCRT_LAPD
23156	5a74	pc	PCRTILA
23157	5a75	pc	PCRTL
23158	5a76	pc	PCAPDU
23159	5a77	pc	PCMALLOC
23160	5a78	pc	PCRTMSGBUF
23161	5a79	pc	PCPSBADDATA
23162	5a7a	pc	PCPSBADPARM
23163	5a7b	pc	PC_RBLIM
23164	5a7c	pc	PCBADMALLOC
23165	5a7d	pc	PCBADFREE
23166	5a7e	pc	PCAU RTEILA
23167	5a7f	pc	PCAU RTLB
23168	5a80	pc	PCAU APDU
23169	5a81	pc	PCAU MALLOC
23170	5a82	pc	PCAU RTMSGBUF
23171	5a83	pc	PCAU LL_IDCU
23172	5a84	pc	PCAU PCBLA
23173	5a85	pc	PCCMRSAPDU
23174	5a86	pc	PCCOMMSG
23175	5a87	pc	PCK2CKMSG
23176	5a88	pc	PCSUMSG
23181	5a8d	pc	PCDUNIT_CKT
23182	5a8e	pc	PCDLNK_USE
23183	5a8f	pc	PCINVNPMMSG
23185	5a91	pc	PCD303RT2DS1
23186	5a92	pc	PCIDPORT
23188	5a94	pc	PCRTMISC
23189	5a95	pc	PCS96EQP
23190	5a96	pc	PCUNIT_CKT

23191	5a97	pc	PCUNITDATA
23192	5a98	pc	PCPORTLA
23196	5a9c	pc	PCEBSTATE
23197	5a9d	pc	PCEBSPRET
23198	5a9e	pc	PCEBFGERR
23199	5a9f	pc	PCDRSMNTS
23200	5aa0	pc	PCANGCCB
23201	5aa1	pc	PCANGACT
23202	5aa2	pc	PCANGDEACT
23203	5aa3	pc	PCDANGNACT
23204	5aa4	pc	PCDANGDEACT
23205	5aa5	pc	PCRLSNGDEACT
23206	5aa6	pc	PCUNEXACT
23207	5aa7	pc	PCUNEXDACT
23208	5aa8	pc	PCDGNGCCB
23209	5aa9	pc	PCVPANGCCB
23210	5aaa	pc	PCVPANGT_C
23211	5aab	pc	PCDANGT_C
23212	5aac	pc	PCDGNGTRANS
23213	5aad	pc	PCNGVPA_STAT
23214	5aae	pc	PCACTNG_T_C
23215	5aaf	pc	PCNACT
23216	5ab0	pc	PCNDACT
23217	5ab1	pc	PCDFPHCHNLS
23218	5ab2	pc	PCDMMOPDB
23219	5ab3	pc	PCDAS_MON
23220	5ab4	pc	PCDLS_MON
23221	5ab5	pc	PCDGLSHIST
23222	5ab6	pc	PCDDSC3PIDB
23223	5ab7	pc	PCMHPIPE
23224	5ab8	pc	PCAUDPB
23225	5ab9	pc	PCRCGBAD
23226	5aba	pc	PCCGDS
23227	5abb	pc	PCDMHPIPE
23228	5abc	pc	PCINVLD_DATA
23229	5abd	pc	PCBADTONE
23230	5abe	pc	PCCLOP_TONE
23231	5abf	pc	PC_PTDATA
23232	5ac0	pc	PC_FCPORT
23233	5ac1	pc	PC_CKDATA
23234	5ac2	pc	PCCKRDFL
23235	5ac3	pc	PCINSGDB
23236	5ac4	pc	PCBADPIDBTS
23237	5ac5	pc	PCDNLI_LNK
23238	5ac6	pc	PCIDCKT2GP
23239	5ac7	pc	PCNOMASTER
23240	5ac8	pc	PCDQPORT
23241	5ac9	pc	PCQPHPIPE
23242	5aca	pc	PCCREATEFAIL
23243	5acb	pc	PCINVBURGENT
23245	5acd	pc	PCPRISTAT
23246	5ace	pc	PCPRIDALB
23247	5acf	pc	PCLNKAPDU
23248	5ad0	pc	PCAUDALB
23249	5ad1	pc	PCCCSQFAIL
23250	5ad2	pc	PCINVPGM
23256	5ad8	pc	PCDESTROY
23257	5ad9	pc	PCMH_UNIT
23258	5ada	pc	PCDMH_UNIT
23259	5adb	pc	PCDVPIB_F
23260	5adc	pc	PCVPIB_F
23261	5add	pc	PCUNKTSKTYP
23262	5ade	pc	PCLBINPRG
23263	5adf	pc	PCINMODE
23264	5ae0	pc	PCDLNK_PLI
23265	5ae1	pc	PCLNK_PLI
23266	5ae2	pc	PCUNITMH
23267	5ae3	pc	PCPTDBOWN
23268	5ae4	pc	PCDPLI_LNK
23269	5ae5	pc	PCUNEXP_DATA
23270	5ae6	pc	PCCQBGONE
23271	5ae7	pc	PCACCPC

23272	5ae8	pc	PCDBRDFAIL
23273	5ae9	pc	PCDCCBCOM
23280	5af0	pc	PCGDSFPICBERR
23281	5af1	pc	PCGQINDXOOR
23282	5af2	pc	PCMBOXBAD
23283	5af3	pc	PCINVGMBX
23284	5af4	pc	PCINVALREPLY
23285	5af5	pc	PCLCGSSMASK
23286	5af6	pc	PCDAIGSDB
23287	5af7	pc	PCDGLSK
23288	5af8	pc	PCINVCKTNM
23450	5b9a	rta	RTAUNONE
23451	5b9b	rta	RTAUTKQUE
23452	5b9c	rta	RTAUTKOWNER
23453	5b9d	rta	RTTMBLT
23454	5b9e	rta	RTAULNSTAT
23455	5b9f	rta	RTAULGLNSTAT
23456	5ba0	rta	RTAURTMHG
23457	5ba1	rta	RTAUCKTDATA
23458	5ba2	rta	RTAUPCBLA
23459	5ba3	rta	RTFACMISSING
23460	5ba4	rta	RTAUPORTLA
23461	5ba5	rta	RTAULGSFSTAT
23462	5ba6	rta	RTRT_SFG
23463	5ba7	rta	RTRDLNSTAT
23464	5ba8	rta	RTDEFSFG
23465	5ba9	rta	RTAUSFSTAT
23466	5baa	rta	RTAUTKSTAT
23467	5bab	rta	RTAULGTKSTAT
23468	5bac	rta	RTAURTTTRKG
23469	5bad	rta	RTAURTMUPH
23470	5bae	rta	RTAUDESTROY
23471	5baf	rta	AURTAST21
23472	5bb0	rta	RTAURCVMSG
23473	5bb1	rta	RTSCALTM
23474	5bb2	rta	RTSCFLTM
23475	5bb3	rta	RTQUOGTOS
23476	5bb4	rta	RTRTMWCF
23477	5bb5	rta	RTAUDLTSBDB
23478	5bb6	rta	RTAULTSTAT
23479	5bb7	rta	RTLTSBPORT
23480	5bb8	rta	RTICRDBERR
23482	5bba	rta	RTAUQUOGTOS
23483	5bbb	rta	RTAUQOOGT
23484	5bbc	rta	RTAUQMOGT
23485	5bbd	rta	RTSCRLTM
23486	5bbe	rta	RTSDALTM
23487	5bbf	rta	RTICITK
23489	5bc1	rta	RTIECP_BAD
23490	5bc2	rta	RTPSBILLDN
23491	5bc3	rta	RTPSRIPSN
23492	5bc4	rta	RTSLEPROCERR
23493	5bc5	rta	RTFCTRUNK
23494	5bc6	rta	RTMSGBAD
23495	5bc7	rta	RTDATABAD
23496	5bc8	rta	RTINSTFAC
23497	5bc9	rta	RTPVCINF
23498	5bca	rta	RTSLELENGTHERR
23499	5bcb	rta	RTSLEDEFAULT
23500	5bcc	rta	RTPVCFCL_BAD
23501	5bcd	rta	RTPVCRDN
23502	5bce	rta	RT_NOISMPTH
23503	5bcf	rta	ARCRTCF1
23504	5bd0	rta	RTOFFICE
23505	5bd1	rta	RTPSMHG
23506	5bd2	rta	RTPSPRT
23507	5bd3	rta	ARCRTCF2
23508	5bd4	rta	RTISATMP
23509	5bd5	rta	RTPTTOGP
23510	5bd6	rta	RTFCPTYP
23511	5bd7	rta	RTAAR_GP
23512	5bd8	rta	RTATHPRT

23513	5bd9	rta	RTPRIGRP
23514	5bda	rta	RTPRIFACS
23515	5bdb	rta	RTASP_LTM
23516	5bdc	rta	RTNS_TRIG
23517	5bdd	rta	RTAUCPLR
23518	5bde	rta	RTILACDT
23519	5bdf	rta	RTBREQ_INV
23520	5be0	rta	RTCTVRWRG
23521	5be1	rta	RTATTMBL
23522	5be2	rta	RTINHUNTKEYS
23523	5be3	rta	RTINKEYLIST
23524	5be4	rta	RTINTRKG
23525	5be5	rta	RTINTKOWNER
23526	5be6	rta	RTINTKSTAT
23527	5be7	rta	RTINLGTKSTAT
23528	5be8	rta	RTINQKEYPORT
23529	5be9	rta	RTINPRT_GRP
23530	5bea	rta	RTINTQUE
23531	5beb	rta	RTINTOWNQUE
23532	5bec	rta	RTINMHG
23533	5bed	rta	RTINLNSTAT
23534	5bee	rta	RTINLGLNSTAT
23535	5bef	rta	RTDEFMLHG
23536	5bf0	rta	RTDEFTRKG
23537	5bf1	rta	RTDEFQKEYPRT
23538	5bf2	rta	RTDEFHUNTTYP
23539	5bf3	rta	RTINRTMUPHST
23540	5bf4	rta	RTAUQM_MLHG
23541	5bf5	rta	RTAUQO_MLHG
23542	5bf6	rta	RTMCTR
23543	5bf7	rta	RTAUPOSDDB
23544	5bf8	rta	RTINTRARSM
23545	5bf9	rta	RTSFGCOR
23546	5bfa	rta	RTDEFAC
23547	5bfb	rta	RTPPFAC1
23548	5bfc	rta	RTIDSIDLE
23549	5bfd	rta	RTMODATT
23550	5bfe	rta	RTINNQM_MLHG
23551	5bff	rta	RTINQO_MLHG
23552	5c00	rta	RTINQU_OS
23553	5c01	rta	RTAUDPB
23554	5c02	rta	RTAUDALB
23555	5c03	rta	RTINQM_OGT
23556	5c04	rta	RTINQO_OGT
23557	5c05	rta	RTINQT_OGTOS
23558	5c06	rta	RTPG_TERM_LP
23559	5c07	rta	RTRMSFAIL
23560	5c08	rta	RTBTMREQ
23561	5c09	rta	RTAMUXMG
23562	5c0a	rta	RTAMBMSG
23563	5c0b	rta	RTGPSF
23564	5c0c	rta	RTTG
23565	5c0d	rta	RTINPSPT_GP
23566	5c0e	rta	RTAUBRCSDB
23567	5c0f	rta	RTAULTMSTAT
23568	5c10	rta	RTAUTEDB
23569	5c11	rta	RTRTSATLN
23570	5c12	rta	RTSMFACUP
23571	5c13	rta	RTAUATTH_BLF
23572	5c14	rta	RTAUATTM_BLF
23573	5c15	rta	RTAULDAT_BLF
23574	5c16	rta	RTAUMODH_BLF
23575	5c17	rta	RTAUMODM_BLF
23576	5c18	rta	RTAUREPLYBLF
23577	5c19	rta	RTMASK_BLF
23578	5c1a	rta	RTMONI_BLF
23579	5c1b	rta	RTRTDNMOD
23580	5c1c	rta	RTTREE_BLF
23581	5c1d	rta	RTRDLGLNSTAT
23582	5c1e	rta	RTINISATUCD
23583	5c1f	rta	RTAUQO_ICI
23584	5c20	rta	RTAUQ_ISAT

23585	5c21	rta	RTATGRP
23586	5c22	rta	RTBKYPM
23587	5c23	rta	RTICRSTERR
23588	5c24	rta	RTICRLSTERR
23589	5c25	rta	RTICRERR
23590	5c26	rta	RTICRLG_S_SFG
23591	5c27	rta	RTICRS_LG_SFG
23592	5c28	rta	RTICRMGAMA
23593	5c29	rta	RTICRMGERR
23594	5c2a	rta	RTICRPCBLA
23595	5c2b	rta	RTDSLEQP
23596	5c2c	rta	RTAUDMDISPDB
23597	5c2d	rta	RTAUDMBRCSDB
23598	5c2e	rta	RTAUDMDALB
23599	5c2f	rta	RTINMEM
23600	5c30	rta	RTINLGMEM
23601	5c31	rta	RTAUTEILA
23602	5c32	rta	RTACSOPT
23603	5c33	rta	RTASOPCGB
23604	5c34	rta	RTIVGPLASS
23605	5c35	rta	RTGPRMLASS
23606	5c36	rta	RTIVLASSACS
23607	5c37	rta	RTFCLINE
23608	5c38	rta	RTFCTRK
23609	5c39	rta	RTFEATBN
23610	5c3a	rta	RTGPTOPT
23611	5c3b	rta	RTHNTKYS
23612	5c3c	rta	RTICMTRM
23613	5c3d	rta	RTCHRGIDXEXP
23614	5c3e	rta	RTCLIDAT
23615	5c3f	rta	RTSCRNING
23616	5c40	rta	RTRTROUTING
23617	5c41	rta	RTNSFMAP
23618	5c42	rta	RT_ICR
23619	5c43	rta	RTICXICI
23620	5c44	rta	RTIDPACT
23621	5c45	rta	RTIDPGP
23622	5c46	rta	RTIDPPRT
23623	5c47	rta	RTISACOF
23624	5c48	rta	RTISTGRP
23625	5c49	rta	RTISTLMT
23626	5c4a	rta	RTISTMBR
23627	5c4b	rta	RTISTMOD
23628	5c4c	rta	RTISDTGS
23629	5c4d	rta	RTISCCOF
23630	5c4e	rta	RTISTGDX

11. 5E11 Numeric Index: 23631-23970

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23631	5c4f	rta	RTISMBLS
23632	5c50	rta	RTISLINE
23633	5c51	rta	RTISTERM
23634	5c52	rta	RTLPT_PT
23635	5c53	rta	RTLPTSPD
23636	5c54	rta	RTLSBPT
23637	5c55	rta	RTMSKBLF
23638	5c56	rta	RTMHGCF
23639	5c57	rta	RT_NAIL_UP
23640	5c58	rta	RTOFFCDE
23641	5c59	rta	RTPFSLCP
23642	5c5a	rta	RTPP_CF
23643	5c5b	rta	RTPP_LTM
23644	5c5c	rta	RTPPTRUNK
23645	5c5d	rta	RTEDSLGPRT
23646	5c5e	rta	RTPOLY
23647	5c5f	rta	RTRTPPSCRN
23648	5c60	rta	RTSPECRI
23649	5c61	rta	RTILHB
23650	5c62	rta	RTRT_MHG
23651	5c63	rta	RT_FIXRI

23652	5c64	rta	RTPSX25LN
23653	5c65	rta	RTODPSOP
23654	5c66	rta	RTRT_TRKG
23655	5c67	rta	RTLTM_PORT
23656	5c68	rta	RTSCM_NSCM
23657	5c69	rta	RTEXMCBSZ
23658	5c6a	rta	RTCOMPFAIL
23659	5c6b	rta	RTCNDATA
23660	5c6c	rta	RTREASON
23661	5c6d	rta	RTNOTKQ
23662	5c6e	rta	RTBADHTYP
23663	5c6f	rta	RTRKMOD
23664	5c70	rta	RTOLHB
23665	5c71	rta	RTLPTYFAIL
23666	5c72	rta	RTARCRBKFL
23667	5c73	rta	RTEDN
23668	5c74	rta	RTRCTK1GR
23669	5c75	rta	RTDBRD_FAIL
23670	5c76	rta	RTMSG_INV
23671	5c77	rta	RTUNKWN_MSG
23672	5c78	rta	RTRCTK2GR
23673	5c79	rta	RTRCTK3GR
23674	5c7a	rta	RTRCDLT1
23675	5c7b	rta	RTRCDLT2
23676	5c7c	rta	RTRCDFI1
23677	5c7d	rta	RTRCDFI2
23678	5c7e	rta	RTRCDFI3
23679	5c7f	rta	RTRCITK1
23680	5c80	rta	RTRCITK2
23681	5c81	rta	RTRCITK3
23682	5c82	rta	RTRCITK4
23683	5c83	rta	RTRCTGR1
23684	5c84	rta	RTRCTGR2
23685	5c85	rta	RTRCTGR3
23686	5c86	rta	RTRCRLG1
23687	5c87	rta	RTPREC_LEV
23688	5c88	rta	RTPRM_TYPE_UNK
23689	5c89	rta	RTILLSTCHG
23690	5c8a	rta	RTRLFC_PORTTYP
23691	5c8b	rta	RTTMPPORTCOND
23693	5c8d	rta	RTDAFFCOPC_INV
23694	5c8e	rta	RTDAFSPOPC_INV
23695	5c8f	rta	RTASRT01
23696	5c90	rta	RTASRT02
23697	5c91	rta	RTASRT03
23698	5c92	rta	RTASRT04
23699	5c93	rta	RTASRT05
23700	5c94	rta	RTASRT06
23701	5c95	rta	RTFL_DBRD
23702	5c96	rta	RTINV_PARAM
23703	5c97	rta	RTRCRLG2
23704	5c98	rta	RTRCRLG3
23705	5c99	rta	RTRCAFI1
23706	5c9a	rta	RTNO_PRIQ
23707	5c9b	rta	RTSND_MSG_FL
23708	5c9c	rta	RTQTYP_INV
23709	5c9d	rta	RTRTSEQ_INV
23710	5c9e	rta	RTDD1ALNK
23711	5c9f	rta	RTDD2ALNK
23712	5ca0	rta	RTAMLNKER
23713	5ca1	rta	RTUNKORIG
23714	5ca2	rta	RTUNKSTAT
23715	5ca3	rta	RTUNKMFIL
23716	5ca4	rta	RTDD1IMAB
23717	5ca5	rta	RTDD2IMAB
23718	5ca6	rta	RTQTYPE
23719	5ca7	rta	RTCMDTYPE
23722	5caa	rta	RTDD1SMAB
23723	5cab	rta	RTSMNT
23724	5cac	rta	RTDD1STF
23725	5cad	rta	RTFCAUTH
23726	5cae	rta	RTCAMPPOINT

23727	5caf	rta	RTCLMATEQ
23728	5cb0	rta	RTTEPUCLMA
23729	5cb1	rta	RTOFHHPFAP
23730	5cb2	rta	RTOFHPTYP
23731	5cb3	rta	RTONHPTYP
23732	5cb4	rta	RTONHPFAP
23733	5cb5	rta	RTP_EPTYPE
23734	5cb6	rta	RTPEPTYPE
23735	5cb7	rta	RTRRCOS
23736	5cb8	rta	RTBADMATE
23737	5cb9	rta	RTBADRTSTATE
23738	5cba	rta	RTACB_DBRDFL
23739	5cbb	rta	RTNO_GPORT
23740	5cbc	rta	RTBV_DBRDFL
23741	5cbd	rta	RTPTYP_RDFL
23742	5cbe	rta	RTBVNOT_LD
23743	5cbf	rta	RTGTNOT_LD
23744	5cc0	rta	RTDLTNOT_LD
23745	5cc1	rta	RTPF_DBRDFL
23746	5cc2	rta	RTRTNOT_LD
23747	5cc3	rta	RTFID_NO_MATCH
23748	5cc4	rta	RTRAFTNOT_LD
23749	5cc5	rta	RTTMT_DBRDFL
23750	5cc6	rta	RTATH_RLID
23751	5cc7	rta	RTGI_BAD_DATA
23752	5cc8	rta	RTUEXP_RET
23753	5cc9	rta	RTMP_UEXP_RET
23754	5cca	rta	RTRB_UEXP_RET
23755	5ccb	rta	RTRINORMS_D3
23756	5ccc	rta	RTRIBAD_RET
23757	5ccd	rta	RTRIINV_RET
23758	5cce	rta	RTNORMS_D3
23759	5ccf	rta	RTRIRET_BAD
23760	5cd0	rta	RTRNCBAD_RET
23761	5cd1	rta	RTGENSCA
23762	5cd2	rta	RTGENSCF
23763	5cd3	rta	RTGENSCR
23764	5cd4	rta	RTGENSDA
23765	5cd5	rta	RTLSFSCA
23766	5cd6	rta	RTLSFSCF
23767	5cd7	rta	RTLSFSCR
23768	5cd8	rta	RTLSFSDA
23769	5cd9	rta	RTLSFHCA
23770	5cda	rta	RTLSFHCF
23771	5cdb	rta	RTLSFHCR
23772	5cdc	rta	RTLSFHDA
23773	5cdd	rta	RTDNFEAT
23774	5cde	rta	RTDNBFG
23775	5cdf	rta	RTTG_CF
23776	5ce0	rta	RTRT_DNTRAN
23777	5ce1	rta	RTRTDNMHG
23778	5ce2	rta	RTLSF_CF
23779	5ce3	rta	RTSHTERM
23780	5ce4	rta	RTHI_CF
23781	5ce5	rta	RTTG2ATT
23782	5ce6	rta	RTUCLPMP
23783	5ce7	rta	RTPHOOS1
23784	5ce8	rta	RT_WRONGMSG
23785	5ce9	rta	RTWRONG_RET
23786	5cea	rta	RTTMBLIST
23787	5ceb	rta	RTISTMBLST
23788	5cec	rta	RTRCAFI2
23789	5ced	rta	RTRMBLIST
23790	5cee	rta	RTAUBADRD
23791	5cef	rta	RTINPPLNST
23792	5cf0	rta	RTINPPLLNST
23793	5cf1	rta	RTINPPTKST
23794	5cf2	rta	RTINPPLTKST
23795	5cf3	rta	RTISRMBLST
23796	5cf4	rta	RTRMBLST
23797	5cf5	rta	RT_ISRMBLST
23798	5cf6	rta	RT_BIKYPM

23799	5cf7	rta	RTE9_PSAP
23800	5cf8	rta	RTRT_TGBL
23801	5cf9	rta	RTSFGINV
23802	5cfa	rta	RTE9BADOP
23803	5cfb	rta	RTBADESNE9
23804	5cfc	rta	RTBADBMAPE9
23805	5cfd	rta	RTE9INVMSG
23806	5cfe	rta	RTDUINTERR
23807	5cff	rta	RTDUDALOG
23808	5d00	rta	RTEDSLTRKG
23809	5d01	rta	RTBOSSERR
23810	5d02	rta	RTDNVTERR
23811	5d03	rta	RTLASSMSG
23812	5d04	rta	RTE9BADSFG
23813	5d05	rta	RTRT_MCRT
23814	5d06	rta	RTTRMFAT
23815	5d07	rta	RTATCF
23816	5d08	rta	RTID_PORT
23817	5d09	rta	RTACCT_GP
23818	5d0a	rta	RTRT_MEM
23819	5d0b	rta	RT_LGMEM
23820	5d0c	rta	RTNTSRV1
23821	5d0d	rta	RTNTSRV2
23822	5d0e	rta	RTNTSESPP
23823	5d0f	rta	RTPREWL
23824	5d10	rta	RTTODAM1
23825	5d11	rta	RTTODSM1
23826	5d12	rta	RTTRIGWL
23827	5d13	rta	RTLSBCW
23828	5d14	rta	RTLSBDB
23829	5d15	rta	RTLSBSPP
23830	5d16	rta	RTPTTOLP
23831	5d17	rta	RTAUNLTSTAT
23832	5d18	rta	RTRCLTSB
23833	5d19	rta	RTAUDNLTBDB
23834	5d1a	rta	RTCAMAI1
23835	5d1b	rta	RTCAMAI2
23836	5d1c	rta	RTCMSUS1
23837	5d1d	rta	RTCMSUS2
23838	5d1e	rta	RTCAMAQ1
23839	5d1f	rta	RTCAMAQ2
23840	5d20	rta	RTONISTA
23841	5d21	rta	RTRSMCAM
23842	5d22	rta	RTSTATC1
23843	5d23	rta	RTSTATC2
23844	5d24	rta	RTMSGCAMA
23845	5d25	rta	RTJ071_1
23846	5d26	rta	RTJ071_2
23847	5d27	rta	RTJ071_3
23848	5d28	rta	RTJ071_4
23849	5d29	rta	RTFTRKEY
23850	5d2a	rta	RTRT_TGID
23851	5d2b	rta	RTRTDNMPG
23852	5d2c	rta	RTMAIN
23853	5d2d	rta	RTRTGIN1
23854	5d2e	rta	RTUPLAMP
23855	5d2f	rta	RTIMMSGC
23856	5d30	rta	RTISATC1
23857	5d31	rta	RTISATC2
23858	5d32	rta	RTMGPRC1
23859	5d33	rta	RTGENIN1
23860	5d34	rta	RTGENIN2
23861	5d35	rta	RTAMINT1
23862	5d36	rta	RTGENDS1
23863	5d37	rta	RTNWDSC1
23864	5d38	rta	RTTMMMSG1
23865	5d39	rta	RTTMMMSG2
23866	5d3a	rta	RTTERMGI
23867	5d3b	rta	RTACBMGI
23868	5d3c	rta	RTBUSYF1
23869	5d3d	rta	RTCREAT2
23870	5d3e	rta	RTAUNCKTDATA

23871	5d3f	rta	RTBVBCH1
23872	5d40	rta	RTTERM1SPP
23873	5d41	rta	RTCREAT1
23874	5d42	rta	RTFAILM1
23875	5d43	rta	RTGENTM1
23876	5d44	rta	RTIDLEF1
23877	5d45	rta	RTLINETM
23878	5d46	rta	RTSPAWN1
23879	5d47	rta	RTTERM2SPP
23880	5d48	rta	RTAU4PCBLA
23881	5d49	rta	RTAU4PORTLA
23882	5d4a	rta	RTTERM3SPP
23883	5d4b	rta	RTTERM8SPP
23884	5d4c	rta	RTTERM4SPP
23885	5d4d	rta	RTTERM9SPP
23886	5d4e	rta	RTTERM5SPP
23887	5d4f	rta	RTTERM6SPP
23888	5d50	rta	RTTERM7SPP
23889	5d51	rta	RTRTGIN2
23890	5d52	rta	RTNUSPP1
23891	5d53	rta	RTNUSPP2
23892	5d54	rta	RTNUSPP4
23893	5d55	rta	RTNUSPP3
23894	5d56	rta	RTNUCON1
23895	5d57	rta	RTNUCON2
23896	5d58	rta	RTNUROU1
23897	5d59	rta	RTNUSDF1
23898	5d5a	rta	RTS96DFI
23899	5d5b	rta	RTNUSMS1
23900	5d5c	rta	RTNUSMS2
23901	5d5d	rta	RTNUSMS4
23902	5d5e	rta	RTNUSMS3
23903	5d5f	rta	RTNUSMT1
23904	5d60	rta	RTNUSMT2
23905	5d61	rta	RTNUMON1
23906	5d62	rta	RTAUNPORTLA
23907	5d63	rta	RTAU3PORTLA
23908	5d64	rta	RTARCB1
23909	5d65	rta	RTARCB2
23910	5d66	rta	RTARCHNT
23911	5d67	rta	RTARCTG1
23912	5d68	rta	RTAUNRTMHG
23913	5d69	rta	RTAUICITK
23914	5d6a	rta	RTARCSP1
23915	5d6b	rta	RTARCSP2
23916	5d6c	rta	RTARCSP3
23917	5d6d	rta	RTDNRTG1
23918	5d6e	rta	RTDNRTG2
23919	5d6f	rta	RTQKEYPT
23920	5d70	rta	RTUNBATERR
23921	5d71	rta	RTSFGSERR
23922	5d72	rta	RTOUTSAERR
23923	5d73	rta	RTBCERR
23924	5d74	rta	RTUPDHKYS
23925	5d75	rta	RTCF_LTM
23926	5d76	rta	RTE9_BADDN
23927	5d77	rta	RTINMUPH
23928	5d78	rta	RTST2VPIDB
23929	5d79	rta	RTBFGPORT
23930	5d7a	rta	RTWBTBLOCK
23931	5d7b	rta	RTCKTDATA
23932	5d7c	rta	RTSEADREQ
23933	5d7d	rta	RTFSMOOR
23934	5d7e	rta	RTFSBHTYP
23935	5d7f	rta	RTPDBDCNT
23936	5d80	rta	RTRERRBC
23937	5d81	rta	RTDSLSP
23938	5d82	rta	RTATHTRG
23939	5d83	rta	RTTRACSRC
23940	5d84	rta	RTCCSVP1
23941	5d85	rta	RTPCINT1
23942	5d86	rta	RTJMPTS1

23943	5d87	rta	RTREHNT2
23944	5d88	rta	RTREHNT3
23945	5d89	rta	RTMSUSP1
23946	5d8a	rta	RTMSUSP2
23947	5d8b	rta	RTMSUSP3
23948	5d8c	rta	RTMSUSP4
23949	5d8d	rta	RTTMDSC1
23950	5d8e	rta	RTTMPST1
23951	5d8f	rta	RTTMINT1
23952	5d90	rta	RTPDNTR1
23953	5d91	rta	RTPSTDN1
23954	5d92	rta	RTPSTDN2
23955	5d93	rta	RTTKMEM1
23956	5d94	rta	RTTKBSY1
23957	5d95	rta	RTTKBSY2
23958	5d96	rta	RTTKHNT1
23959	5d97	rta	RTTKHNT2
23960	5d98	rta	RTTKSPR1
23961	5d99	rta	RTBFMLG1
23962	5d9a	rta	RTLNDQU1
23963	5d9b	rta	RTLNQST1
23964	5d9c	rta	RTLNQST2
23965	5d9d	rta	RTLNQST3
23966	5d9e	rta	RTMLGDP1
23967	5d9f	rta	RTMLGHT1
23968	5da0	rta	RTRTGNC2
23969	5da1	rta	RTADDTQ1
23970	5da2	rta	RTENQTM1

12. 5E11 Numeric Index: 23971-24680

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23971	5da3	rta	RTOFHEQ1
23972	5da4	rta	RTRBKPS1
23973	5da5	rta	RTRBKPS2
23974	5da6	rta	RTTKIDL1
23975	5da7	rta	RTTKQCN1
23976	5da8	rta	RTTKQSL1
23977	5da9	rta	RTQKYST1
23978	5daa	rta	RTTKFST1
23979	5dab	rta	RTTKQMS1
23980	5dac	rta	RTTKQUP1
23981	5dad	rta	RTAPVBHT
23982	5dae	rta	RTAPVBPT
23983	5daf	rta	RTAPBBHT
23984	5db0	rta	RTIPVBHT
23985	5db1	rta	RTIPVBPT
23986	5db2	rta	RTRERTBM
23987	5db3	rta	RTQDLAPB
23988	5db4	rta	RTDGC VX
23989	5db5	rta	RTOFHKE1
23990	5db6	rta	RTOFHKE3
23991	5db7	rta	RTOHKE1
23992	5db8	rta	RTROUTBP
23993	5db9	rta	RTRQBCR1
23994	5dba	rta	RTUPER1
23995	5dbb	rta	RTUPER2
23996	5dbc	rta	RTDRVER1
23997	5dbd	rta	RTDRVER2
23998	5dbe	rta	RTATHRRL
23999	5dbf	rta	RTBGRPBH
24000	5dc0	rta	RTDSHBHT
24001	5dc1	rta	RTEHKBSA
24002	5dc2	rta	RTHKSUBBS
24003	5dc3	rta	RTHKFCORC
24004	5dc4	rta	RTHKBHKT
24005	5dc5	rta	RTHKBKST
24006	5dc6	rta	RTIGPBHT
24007	5dc7	rta	RTISDBST
24008	5dc8	rta	RTISHBAC
24009	5dc9	rta	RTISHBHT

24010	5dca	rta	RTMBYBHT
24011	5dcb	rta	RTMDLBHT
24012	5dcc	rta	RTPTAVOOR
24013	5dcd	rta	RTPTABHT
24014	5dce	rta	RTPTABPT
24015	5dcf	rta	RTPTBOOR
24016	5dd0	rta	RTPTBBHT
24017	5dd1	rta	RTPTBBPT
24018	5dd2	rta	RTPTBRC
24019	5dd3	rta	RTSCFBPT
24020	5dd4	rta	RTSCFBHT
24021	5dd5	rta	RTSFSBHT
24022	5dd6	rta	RTSHTBHT
24023	5dd7	rta	RTTKSBHT
24024	5dd8	rta	RTUPIOOR
24025	5dd9	rta	RTUPUCBS
24026	5dda	rta	RTBSYMLG
24027	5ddb	rta	RTIDLES1
24028	5ddc	rta	RTIDLES2
24029	5ddd	rta	RTIDLES3
24030	5dde	rta	RTSEL6P1
24031	5ddf	rta	RTSFGST1
24032	5de0	rta	RTSFREL1
24033	5de1	rta	RTSFGSV1
24034	5de2	rta	RTADDLQ1
24035	5de3	rta	RTADDLQ2
24036	5de4	rta	RTAUNQM_MLHG
24037	5de5	rta	RTCRTQT1
24038	5de6	rta	RTCRTQT2
24039	5de7	rta	RTCUSPI1
24040	5de8	rta	RTAUNQO_MLHG
24041	5de9	rta	RTAU3QM_MLHG
24042	5dea	rta	RTDQALG1
24043	5deb	rta	RT3QO_ICI
24044	5dec	rta	RTDQALG2
24045	5ded	rta	RT2QO_ICI
24046	5dee	rta	RT2INQO_MLHG
24047	5def	rta	RT2Q_ISAT
24048	5df0	rta	RTISATS1
24049	5df1	rta	RTLMPST1
24050	5df2	rta	RTLMPUD1
24051	5df3	rta	RTLMPUD2
24052	5df4	rta	RTMKLNQ1
24053	5df5	rta	RTQTWLS1
24054	5df6	rta	RTHKCMP
24055	5df7	rta	RTCONVR1
24056	5df8	rta	RTDSNTK1
24057	5df9	rta	RTINPPS1
24058	5dfa	rta	RTMINSA1
24059	5dfb	rta	RTPPSCR1
24060	5dfc	rta	RTPPBTF1
24061	5dfd	rta	RTPPBSY1
24062	5dfe	rta	RTPPHNT1
24063	5dff	rta	RTPPSET1
24064	5e00	rta	RTPPSET2
24065	5e01	rta	RTRCPPS2
24066	5e02	rta	RTSETSA1
24067	5e03	rta	RTREPLY1
24068	5e04	rta	RTAUNTEDB
24069	5e05	rta	RTSNDTG1
24070	5e06	rta	RTSNDTG2
24071	5e07	rta	RTSTATH1
24072	5e08	rta	RTSTATH2
24073	5e09	rta	RTBLFCL1
24074	5e0a	rta	RTBLFCL2
24075	5e0b	rta	RTBLFCL3
24076	5e0c	rta	RTBLFCL4
24077	5e0d	rta	RTBLFCL5
24078	5e0e	rta	RTBLFCL6
24079	5e0f	rta	RTBLFMA1
24080	5e10	rta	RTBLFMG1
24081	5e11	rta	RTBTNHN1

24082	5e12	rta	RTBTNHN2
24083	5e13	rta	RTBTNHN3
24084	5e14	rta	RTINSBF1
24085	5e15	rta	RTINSBF2
24086	5e16	rta	RTINSBF3
24087	5e17	rta	RTAUNPCBLA
24088	5e18	rta	RTAUNTEILA
24089	5e19	rta	RTAU3PCBLA
24090	5e1a	rta	RTAUNLTMSTAT
24091	5e1b	rta	RTMCATE1
24092	5e1c	rta	RTMCAOF1
24093	5e1d	rta	RTMCAOF2
24094	5e1e	rta	RTISDN1SPP
24095	5e1f	rta	RTISDN2SPP
24096	5e20	rta	RTISDN3SPP
24097	5e21	rta	RTISDN4SPP
24098	5e22	rta	RTISDN5SPP
24099	5e23	rta	RTISDN6SPP
24100	5e24	rta	RTISDN7SPP
24101	5e25	rta	RTISDN8SPP
24102	5e26	rta	RTISDN9SPP
24103	5e27	rta	RTISDN10SPP
24104	5e28	rta	RTISDN11SPP
24105	5e29	rta	RTISDN12SPP
24106	5e2a	rta	RTISDN13SPP
24107	5e2b	rta	RTISDN14SPP
24108	5e2c	rta	RTISDN15SPP
24109	5e2d	rta	RTISDN16SPP
24110	5e2e	rta	RTISDN17SPP
24111	5e2f	rta	RTAUNLGTKSTAT
24112	5e30	rta	RTISDN18SPP
24113	5e31	rta	RTISDN19SPP
24114	5e32	rta	RTATCNTMSK
24115	5e33	rta	RTINVTRKG
24116	5e34	rta	RTFCPBCOS
24117	5e35	rta	RTINSAG1
24118	5e36	rta	RTINPSSA
24119	5e37	rta	RTPSINSA
24120	5e38	rta	RTTAISP
24121	5e39	rta	RTBLFMA2
24122	5e3a	rta	RTBLFMA3
24123	5e3b	rta	RTBLFMA4
24124	5e3c	rta	RTBLFMA5
24125	5e3d	rta	RTBLFMA6
24126	5e3e	rta	RTE9_CFBADDN
24127	5e3f	rta	RTPSÄPISLINE
24128	5e40	rta	RTPSAPRTMHG
24129	5e41	rta	RTBCLCF
24130	5e42	rta	RTBCLGCNT
24131	5e43	rta	RTBCLGRP
24132	5e44	rta	RTBCLLCNT
24133	5e45	rta	RTBCLLTM
24134	5e46	rta	RTBCLMHTG
24135	5e47	rta	RTBCLOPTS
24136	5e48	rta	RTSHDNLENERR
24137	5e49	rta	RTICMLST
24138	5e4a	rta	RTMDRSFG
24139	5e4b	rta	COUXPMSG
24140	5e4c	rta	COREASON
24141	5e4d	rta	COBADPARM
24142	5e4e	rta	COUXPOSR
24143	5e4f	rta	COBADHEAD
24144	5e50	rta	COLSTLIST
24145	5e51	rta	COUNLINK
24146	5e52	rta	CORELINK
24147	5e53	rta	COIMCOSTAT
24148	5e54	rta	COTHCOSTAT
24149	5e55	rta	COMODATT
24150	5e56	rta	CORECOSTAT
24151	5e57	rta	COSTCOSTAT
24152	5e58	rta	COCPIMCOST
24153	5e59	rta	COCPTHOST

24154	5e5a	rta	COHMERROR
24155	5e5b	rta	CORTMHG
24156	5e5c	rta	CODSLEQUIP
24157	5e5d	rta	COPXS25LN
24158	5e5e	rta	COTRGFAIL
24159	5e5f	rta	RTCICEX
24160	5e60	rta	RTSPCHTRKG
24161	5e61	rta	RTINVWBRATE
24162	5e62	rta	RTINVHTTYPE
24163	5e63	rta	RTACDPD1
24164	5e64	rta	RTACDPD2
24165	5e65	rta	RTACDQC1
24166	5e66	rta	RTACDQC2
24167	5e67	rta	RTACDQC3
24168	5e68	rta	RTACDQC4
24169	5e69	rta	RTACDQR1
24170	5e6a	rta	RTGENTM2
24171	5e6b	rta	RTPSTDN3
24172	5e6c	rta	RTACDMG1
24173	5e6d	rta	RTINVTSA
24174	5e6e	rta	RTWSFSV
24175	5e6f	rta	RTWSFCERR
24176	5e70	rta	RTMRSP
24177	5e71	rta	RTMRTIMER
24178	5e72	rta	RTMR_UEXP_MSG
24179	5e73	rta	RTISATLMPUP
24180	5e74	rta	RTTGLTM
24181	5e75	rta	RTRT_DTRTX
24182	5e76	rta	RTRT_WBRTX
24183	5e77	rta	RTPSU_TRKG
24184	5e78	rta	RTMSGQFULL
24185	5e79	rta	RTTGFMISMISSING
24186	5e7a	rta	RTUEXP_SFG
24550	5fe6	si	SIAUBDMS
24551	5fe7	si	SIINBDMS
24552	5fe8	si	SIIMBDMS
24553	5fe9	si	SIOCBDMS
24554	5fea	si	SIWAITER
24555	5feb	si	INBADLOGRF
24556	5fec	si	MSBDSIMS
24557	5fed	si	SIINMSLG
24558	5fee	si	MSBDSITP
24559	5fef	si	SIIMMSLG
24560	5ff0	si	MSBDSIRN
24561	5ff1	si	SIOCMSLG
24562	5ff2	si	INTSMINTERNAL
24563	5ff3	si	MCCBADIND
24564	5ff4	si	MCCBADPHR
24565	5ff5	si	MCCBADSTAT
24566	5ff6	si	MCCBADPCR
24567	5ff7	si	BADDDTRG
24568	5ff8	si	MCCBADRSN
24569	5ff9	si	SIDDFAIL
24570	5ffa	si	FLOW_ERR
24571	5ffb	si	INBSTESEQ
24572	5ffc	si	INERAPB
24575	5fff	si	INPRIGRP
24576	6000	si	INDBRET
24577	6001	si	INMSTYPE
24578	6002	si	INGRPTGET
24579	6003	si	INGRCKTGET
24580	6004	si	INGRPBGET
24581	6005	si	INGRPXGET
24582	6006	si	INGRCXGET
24583	6007	si	INGRQMSG
24585	6009	si	INERTCPL
24586	600a	si	INERGPAX
24587	600b	si	INESMINT
24588	600c	si	INETMPSI
24589	600d	si	SIFLASHUPD
24590	600e	si	INECOMBD
24591	600f	si	INEUTYP

24592	6010	si	INECFail
24593	6011	si	INBADMHNUM
24595	6013	si	INERCRECORD
24596	6014	si	INERMDRQ
24597	6015	si	INEORXPT
24598	6016	si	INACAERR
24599	6017	si	INRTFAIL
24600	6018	si	INMBUFTYP
24601	6019	si	INMICOST
24603	601b	si	INMDFRQ
24604	601c	si	INPUQERR
24605	601d	si	INPRTGRP
24606	601e	si	INTRKGRP
24607	601f	si	INIMNOMSG
24608	6020	si	INLNKPLIERR
24609	6021	si	INBADTYPE
24610	6022	si	INSMIAERR
24611	6023	si	INCPLHDER
24612	6024	si	INSMCRERR
24613	6025	si	INBRTNVAL
24614	6026	si	INBTIMEVAL
24615	6027	si	INBDFREASON
24616	6028	si	INBLOCALVAR
24617	6029	si	INBSTATE
24618	602a	si	INBADINPUT
24619	602b	si	INBRSLTFLD
24620	602c	si	INBSTEORTYPE
24621	602d	si	INTYPEFAIL
24622	602e	si	INSFPTFAIL
24623	602f	si	INSFRET
24624	6030	si	INUNREASON
24625	6031	si	INUNREQTYPE
24626	6032	si	INUN_REQ
24627	6033	si	INBACTORRSLT
24628	6034	si	INBNXTACT
24629	6035	si	INE_ESC
24630	6036	si	INRETGEN
24632	6038	si	INERSDAP
24633	6039	si	INDFTYPE
24634	603a	si	IMALCGSSFL
24635	603b	si	INERACRECORD
24636	603c	si	INDBFINER
24638	603e	si	INDAGSPLPO
24639	603f	si	INBDBGS5CAL
24640	6040	si	INPTDFRQ
24641	6041	si	INENDFRQ
24643	6043	si	INIDTMBW
24644	6044	si	INIDS1
24645	6045	si	INUNITREAD
24646	6046	si	INSMESTREAD
24647	6047	si	INIDTMIC
24648	6048	si	INIDTMIR
24649	6049	si	INBOSMODE
24650	604a	si	INBTRANS
24651	604b	si	INBSEQU
24652	604c	si	INBSEQINPUT
24653	604d	si	INBUNBLOCK
24654	604e	si	INBUNSNDRET
24655	604f	si	INBINSYNCH
24656	6050	si	INSYNFULL
24657	6051	si	INBCHKIN
24658	6052	si	INBAIMDATA
24659	6053	si	INERDDW
24660	6054	si	INWPBSSFL
24661	6055	si	INWPODDFL
24662	6056	si	INIDTMIW
24663	6057	si	INIDTMPS
24664	6058	si	INJBTRREQERR
24667	605b	si	INAIU_ERROR
24668	605c	si	INAIUMTERR
24669	605d	si	INAIUISPA
24670	605e	si	INERWCTX

24673	6061	si	INERQVST
24674	6062	si	INERTAGH
24675	6063	si	INRSMCHAN
24676	6064	si	INRSMNTS
24677	6065	si	INSATRNFAIL
24678	6066	si	INSABMSG
24679	6067	si	INSASTATE
24680	6068	si	INSABTIME

13. 5E11 Numeric Index: 24681-25280

ERROR CODE	PRM CODE	RANGE	MNEMONIC
24681	6069	si	INSARTAIN
24682	606a	si	INSARTAOUT
24685	606d	si	INIDTSBOS
24686	606e	si	INIDTSBSM
24687	606f	si	INIDTSEFC
24688	6070	si	INIDTSICR
24689	6071	si	INIDTSIWS
24690	6072	si	INIDTSSMR
24691	6073	si	INIDTSUMR
24692	6074	si	INIDTSUPS
24693	6075	si	INIDTSURC
24694	6076	si	IMBADRSCYPE
24695	6077	si	OCBADPID
24697	6079	si	INEROSPS
24699	607b	si	INGRDGET
24700	607c	si	INGRDLINK
24701	607d	si	INGRINTERNAL
24702	607e	si	INGRPC
24703	607f	si	INGRTSI
24704	6080	si	INBADCR
24705	6081	si	ININVMSGTYP
24706	6082	si	ININVSTIM
24707	6083	si	INBADPCRID
24708	6084	si	INBADOFF
24709	6085	si	INBADDREAD
24710	6086	si	INBADDWRITE
24711	6087	si	INCLIDAT
24712	6088	si	INMODATT
24713	6089	si	INDBREASON
24714	608a	si	IMASTMFEX
24715	608b	si	IMASTLFEX
24719	608f	si	DTFETE
24720	6090	si	INMATATT
24721	6091	si	INERBFMSG
24722	6092	si	IMRSCFEX
24725	6095	si	IMAETEIN
24726	6096	si	IMARCTRG
24727	6097	si	IMAPMPIN
24728	6098	si	IMALCMUP
24729	6099	si	IMAPBMUP
24730	609a	si	IMASTLCNT
24731	609b	si	IMASTSPP
24732	609c	si	IMASTCRT
24733	609d	si	IMALCMFL
24734	609e	si	IMAPBMFL
24736	60a0	si	IMAEBIT2
24737	60a1	si	IMABDCASE
24738	60a2	si	IMABDHST
24739	60a3	si	IMAPMPFL
24740	60a4	si	IMASTIMG
24741	60a5	si	INISPARTN
24742	60a6	si	IMRSCRCVY
24743	60a7	si	INISPHTO
24745	60a9	si	IMAPCDSP
24746	60aa	si	IMASACP0
24747	60ab	si	IMASACP1
24748	60ac	si	IMBD_DQLNK_MSG
24749	60ad	si	IMAOCNUTS
24750	60ae	si	IMARTSPP

24751	60af	si	IMAIMSPP
24752	60b0	si	IMAMRASPP
24753	60b1	si	IMBSSWP
24754	60b2	si	IMODDWP
24755	60b3	si	IMACDOMRCVY
24756	60b4	si	IMQMCLLTQ
24757	60b5	si	IMQMSRVTM
24758	60b6	si	IMQMBDFRD
24759	60b7	si	INPHSTATUS
24760	60b8	si	INPORTLA
24761	60b9	si	OCSSNDER
24762	60ba	si	SIODSFAIL
24763	60bb	si	OCOVLDERR
24764	60bc	si	INOSBDSITYPE
24766	60be	si	INOSDFBDFRD
24767	60bf	si	DTWRTERR
24768	60c0	si	INTSDATA
24770	60c2	si	INOSBDPCBL
24776	60c8	si	SIOMTDBERR
24784	60d0	si	SIFPSPBADREA
24785	60d1	si	SIFPTPBADREA
24786	60d2	si	SIIMWPINV
24788	60d4	si	INOSPSL3
24789	60d5	si	OCBADLPHN
24790	60d6	si	OCSMDTRD
24791	60d7	si	OCRLGETER
24792	60d8	si	OCOSSNDER
24793	60d9	si	INIDSBADRET
24794	60da	si	INIDSARGBAD
24795	60db	si	INIDSDTFailure
24797	60dd	si	INIDSPACKAGE
24798	60de	si	INIDSREASONBAD
24799	60df	si	INIDSPTYPEBAD
24803	60e3	si	INERTEDB
24804	60e4	si	INERCOIN
24805	60e5	si	INERBRCSDB
24806	60e6	si	INERLTMSTAT
24807	60e7	si	INERDISPDB
24808	60e8	si	INERPPSAST
24809	60e9	si	INERSCMDB
24810	60ea	si	INERADB
24811	60eb	si	INERBLFDB
24812	60ec	si	INERATTDB
24813	60ed	si	INERCBDB
24814	60ee	si	INPCBCOIN
24815	60ef	si	OCMSGID
24816	60f0	si	OCDTREAD
24817	60f1	si	INNS_TN
24821	60f5	si	INERICRST
24822	60f6	si	INEROTINIT
24824	60f8	si	OCDDRDERR
24825	60f9	si	OCDDWTERR
24826	60fa	si	OCHMERR
24834	6102	si	OCUNKSITP
24836	6104	si	INERMSU
24837	6105	si	INERCNDA
24838	6106	si	INERLHBS
24839	6107	si	INERDBCN
24840	6108	si	GRMATESTP
24841	6109	si	GRTRCFail
24842	610a	si	GRMATEFAIL
24843	610b	si	GRINVLPRT
24845	610d	si	INERCLDB
24846	610e	si	INERMDB
24847	610f	si	INPSUI
24848	6110	si	INLTSTAT
24849	6111	si	INLTSDDB
24850	6112	si	SIOATYP
24851	6113	si	INERNSDB
24853	6115	si	INERSRV
24855	6117	si	INERCVST
24856	6118	si	INGRCIWRf

24857	6119	si	INGRCIRDF
24858	611a	si	INGRNOXPT
24859	611b	si	INGRNOPIB
24860	611c	si	INGRCKTDATA
24861	611d	si	OCSMRDERR
24863	611f	si	INGRDFINUM
24864	6120	si	DDBADNCT
24865	6121	si	DDBADTRIG
24868	6124	si	DDIMMAP
24869	6125	si	DDIMCTS
24871	6127	si	INGROPFAIL
24872	6128	si	INGRTSIT1F
24873	6129	si	IMASTDBRC
24874	612a	si	DDBADCASE
24876	612c	si	IMDACHKRSC
24879	612f	si	IMINV_CMP
24880	6130	si	SIGLCLOFFSET
24881	6131	si	INERE911DB
24882	6132	si	INFHBADTS
24883	6133	si	INFHOSBCAST
24884	6134	si	DDREASERR
24885	6135	si	DDBADOS
24886	6136	si	DDIMMSG
24887	6137	si	DDIMSTIM
24888	6138	si	DDBADTIMER
24889	6139	si	DDCPMSG
24890	613a	si	DDCPSTIM
24897	6141	si	INSYNCHTO
24898	6142	si	INRTCONFIG
24899	6143	si	INERLSCMDB
24902	6146	si	INERBCLA
24903	6147	si	INERBCGA
24904	6148	si	INERSTPDB
24905	6149	si	INERNS_IDX
24906	614a	si	INERTN_INFO
24907	614b	si	INERNS_BILL
24909	614d	si	INPICBERR
24910	614e	si	INCCBERR
24911	614f	si	INCHDBERR
24912	6150	si	INCDBERR
24913	6151	si	INPORTDATA
24914	6152	si	INREASERR
24915	6153	si	INFHBRMSG
24916	6154	si	INFHBSMSG
24917	6155	si	INFHUMSG
24918	6156	si	INFHBSTATE
24919	6157	si	INFHSPPAS
24920	6158	si	INFHTSMMSG
24921	6159	si	INFHBSLOTS
24923	615b	si	INFHNOMATCH
24924	615c	si	INFHDDFAIL
24925	615d	si	INERAUTO
24926	615e	si	INEROATA
24927	615f	si	INERACCS
24928	6160	si	INERTEILA
24929	6161	si	INERDALB
24931	6163	si	INMATEFAULTSM
24932	6164	si	INMATESTPTSM
24933	6165	si	INOFLDATATSM
24937	6169	si	SIOM1
24938	616a	si	SIOLINOOR
24948	6174	si	SIOLIMHOG
24951	6177	si	INPIDBERR
24955	617b	si	IMTITELPW
24957	617d	si	SIMGTPCREATE
24958	617e	si	SIOM2
24959	617f	si	SIOM3
24960	6180	si	SIOM4
24961	6181	si	SIOM5
24962	6182	si	INBDPTNM
24963	6183	si	INLINKUSE
24964	6184	si	INERACDI

24965	6185	si	INERTATDB
24966	6186	si	INERCCSSTPDB
24967	6187	si	SIZAPRNGERR
24968	6188	si	SIZAPINIT
25150	623e	smim	SMBADDBRET
25151	623f	smim	SMBADUTYPE
25152	6240	smim	SMBADMSGTYPE
25153	6241	smim	SMBADINPUT
25154	6242	smim	SMBADUNIT
25155	6243	smim	SMNOFIU
25156	6244	smim	SMMSGTYPEBAD
25157	6245	smim	SMBADFLTTYPE
25158	6246	smim	SMDBFLT1
25159	6247	smim	SMDBFLT2
25160	6248	smim	SMASDFRA
25161	6249	smim	SMCKTRCLK
25162	624a	smim	SMCIERRT
25163	624b	smim	SMTSIDBF
25164	624c	smim	SMPARFAIL
25165	624d	smim	SMTSIBUT
25166	624e	smim	SMCLERROR
25167	624f	smim	SMABTREQ
25168	6250	smim	SMCNDB0
25169	6251	smim	SMCNDB1
25170	6252	smim	SMCNDB2
25171	6253	smim	SMCNDB3
25172	6254	smim	SMBADACT
25173	6255	smim	SMCNDB4
25174	6256	smim	SMCNBSTE
25175	6257	smim	SMRDMATE
25176	6258	smim	SMUPMATE
25177	6259	smim	SMRDACT
25178	625a	smim	SMUPACT
25179	625b	smim	SMPRMRA
25180	625c	smim	SMINVCKT
25181	625d	smim	SMIADSCC
25182	625e	smim	SMIAILACT
25183	625f	smim	SMIAILQUAL
25184	6260	smim	SMIAHDWREL
25185	6261	smim	SMIACTDAT
25186	6262	smim	SMIADSUIMG
25187	6263	smim	SMIACTYPE
25188	6264	smim	SMIAFUPTUP
25189	6265	smim	SMIAOPAD
25190	6266	smim	SMIAMCNT
25191	6267	smim	SMIAILBIT
25192	6268	smim	SMIAILNAME
25193	6269	smim	SMIAEST
25194	626a	smim	SMIABGNT
25195	626b	smim	SMIAOPNR
25196	626c	smim	SMIAUPTUP
25197	626d	smim	SMIARDNXT
25198	626e	smim	SMIAILBLK
25199	626f	smim	SMIAILSIDE
25200	6270	smim	SMIAILBNAME
25201	6271	smim	SMIAHDWDAT
25202	6272	smim	SMIADLINM
25203	6273	smim	SMIAILSUB
25204	6274	smim	SMIARDFST
25205	6275	smim	SMIANOEST
25206	6276	smim	SMIAILUNIT
25207	6277	smim	SMIAILSTATE
25208	6278	smim	SMIAILCQ
25209	6279	smim	SMCRCLOB
25210	627a	smim	SMCRCLEVEL
25211	627b	smim	SMCRCOUNT
25212	627c	smim	SMCRELEV
25213	627d	smim	SMCRBEND
25214	627e	smim	SMDSNODSU
25215	627f	smim	SMDSNEQIP
25216	6280	smim	SMDSNOPER
25217	6281	smim	SMDSILRCVY

25218	6282	smim	SMDSERTYPE
25220	6284	smim	SMDSCOUNT
25221	6285	smim	SMDSOOS
25222	6286	smim	SMDSTSI
25223	6287	smim	SMDSTMTTF
25224	6288	smim	SMDSCTYPE
25225	6289	smim	SMDS2RCVY
25226	628a	smim	SMDSTMNAME
25227	628b	smim	SMDSTTFSUB
25228	628c	smim	SMRADBW
25229	628d	smim	SMRADBR
25230	628e	smim	SMRAPRQ
25231	628f	smim	SMRAPRL
25232	6290	smim	SMRAPCB
25233	6291	smim	SMRARTA
25234	6292	smim	SMRATM
25235	6293	smim	SMRAHDW
25236	6294	smim	SMRAHID
25237	6295	smim	SMRAOS
25238	6296	smim	SMRAMSG
25239	6297	smim	SMRAUID
25240	6298	smim	SMRAVB
25241	6299	smim	SMRAXRF
25242	629a	smim	SMRAQUE
25243	629b	smim	SMRAPM
25244	629c	smim	SMDSUTSSR
25245	629d	smim	SMDSPDBATY
25246	629e	smim	SMCRNOBEG
25247	629f	smim	SMUNKRCVY
25248	62a0	smim	SMIACKTEST
25249	62a1	smim	SMIAUPEST
25250	62a2	smim	SMMCNTFLT
25251	62a3	smim	SMDBFLT
25252	62a4	smim	SMBGNTRN
25253	62a5	smim	SMOPNREL
25254	62a6	smim	SMSSENDMSG
25255	62a7	smim	SMGMSG
25256	62a8	smim	SMCREATE
25257	62a9	smim	SMACTFLD
25258	62aa	smim	SMMSGREC
25259	62ab	smim	SMMSGTRE
25260	62ac	smim	SMILINAM
25261	62ad	smim	SMHMMSG
25262	62ae	smim	SMOFF1NRM
25263	62af	smim	SMPIDB1RA
25264	62b0	smim	SMPIDB1EA
25265	62b1	smim	SMPIDB2EA
25266	62b2	smim	SMGETNSFLT
25267	62b3	smim	SMPIDB2RA
25268	62b4	smim	SMPALWOOS
25269	62b5	smim	SMMALWOOS
25270	62b6	smim	SMGDXBESTR
25271	62b7	smim	SMRACPS
25272	62b8	smim	SMCLERR1
25273	62b9	smim	SMCLERR2
25274	62ba	smim	SMCLERR3
25275	62bb	smim	SMCLERR4
25276	62bc	smim	SMCLERR5
25277	62bd	smim	SMMANINHERR
25278	62be	smim	SMAUTOINHERR
25279	62bf	smim	SMALLNOTDONE
25280	62c0	smim	SMREASERR

14. 5E11 Numeric Index: 25281-25760

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25281	62c1	smim	SMDDWTHWCK
25282	62c2	smim	SMDDRDHWCK
25283	62c3	smim	SMIMMBUR
25284	62c4	smim	SMPRPICKT
25285	62c5	smim	SMPRPIIDL

25286	62c6	smim	SMPRPIRES
25287	62c7	smim	SMRPIMSG
25288	62c8	smim	SMRPISRA
25289	62c9	smim	SMDCCOUNT
25290	62ca	smim	SMDCILRCVY
25291	62cb	smim	SMDCERTYPE
25292	62cc	smim	SMCANTSEND
25293	62cd	smim	SMBADMRA_ACK
25294	62ce	smim	SMOSWPROB
25295	62cf	smim	SMPORTLA
25296	62d0	smim	SMPSPRCNT
25297	62d1	smim	SMPSRSMST
25298	62d2	smim	SMPSUSMST
25299	62d3	smim	SMPSSOSSND
25300	62d4	smim	SMPSRCVNV
25301	62d5	smim	SMPSCKTNV
25302	62d6	smim	SMPSENV
25303	62d7	smim	SMISPIDB_NO
25304	62d8	smim	SMBADPAR
25305	62d9	smim	SMNOPSIUPIDB
25306	62da	smim	SMPRGDGN
25307	62db	smim	SMBADTIMER
25308	62dc	smim	SMPTSBAD
25309	62dd	smim	SMTBLBAD
25310	62de	smim	SMUNKRQST
25311	62df	smim	SMDFUNLKTS
25312	62e0	smim	SMBADMSTATE
25313	62e1	smim	SMWREASON
25314	62e2	smim	SMOPERTST
25315	62e3	smim	SMDPSMSEND
25316	62e4	smim	SMDPAMSEND
25317	62e5	smim	SMDPUPDFAIL
25318	62e6	smim	SMDPMISSING
25319	62e7	smim	SMDPWRONG
25320	62e8	smim	SMDPTIMER
25321	62e9	smim	SMDPWAIT
25322	62ea	smim	SMDPCREATE
25323	62eb	smim	SMLOCK_ERROR
25324	62ec	smim	SMDPTPSEND
25325	62ed	smim	SMDPDDFAIL
25326	62ee	smim	SMMRA_DBRR
25327	62ef	smim	SMDPBCAST
25328	62f0	smim	SMCHDBRSM
25329	62f1	smim	SMINVPNPT
25330	62f2	smim	SMS96CTO
25331	62f3	smim	SMS96A01
25332	62f4	smim	SMS96A02
25333	62f5	smim	SMS96A03
25334	62f6	smim	SMS96A04
25335	62f7	smim	SMS96A05
25336	62f8	smim	SMS96A06
25337	62f9	smim	SMS96A07
25338	62fa	smim	SMS96A08
25339	62fb	smim	SMS96A09
25340	62fc	smim	SMS96A10
25341	62fd	smim	SMS96A11
25343	62ff	smim	SMS96A13
25344	6300	smim	SMS96A14
25346	6302	smim	SMPPILAFAIL
25347	6303	smim	SMS96A17
25348	6304	smim	SMS96A18
25349	6305	smim	SMS96A19
25350	6306	smim	SMERBLKRES
25351	6307	smim	SMS96A21
25352	6308	smim	SMS96A22
25354	630a	smim	SMS96A24
25355	630b	smim	SMS96A25
25356	630c	smim	SMS96A30
25357	630d	smim	SMS96A31
25358	630e	smim	SMS96A32
25360	6310	smim	SMS96A34
25361	6311	smim	SMS96A35

25362	6312	smim	SMS96A36
25363	6313	smim	SMDDL_SEND
25364	6314	smim	SMRSM_NAILUP
25365	6315	smim	SMVER_CONN
25366	6316	smim	SMRDFHINIT
25367	6317	smim	SMHDFHINIT
25368	6318	smim	SMRDFHMAIN
25369	6319	smim	SMHDFHMAIN
25370	631a	smim	SMRDFHUXP
25371	631b	smim	SMHDFHUXP
25372	631c	smim	SMTBADECPICMD
25373	631d	smim	SMCPIDWRT
25374	631e	smim	SMIAFILPA
25375	631f	smim	SMRSMCHALLOC
25376	6320	smim	SMRSMCHDB
25377	6321	smim	SMRSMPCBLA
25378	6322	smim	SMRDFHTCSC
25379	6323	smim	SMMSGBAD
25380	6324	smim	SMS96A51
25381	6325	smim	SMS96CKT
25382	6326	smim	SMPSULOGDUMP
25383	6327	smim	SMSPRSMEST
25384	6328	smim	SMSLTHRESHERR
25385	6329	smim	SMSLCKTERR
25386	632a	smim	SMSLPRCOUNTERR
25387	632b	smim	SMSLRCVYACTERR
25388	632c	smim	SMIDAUD1
25389	632d	smim	SMDCLNOCC
25390	632e	smim	SMDCLFRBAD
25391	632f	smim	SMDCLPARM
25392	6330	smim	SMDCLIRQ
25393	6331	smim	SMPSUIIAAUER
25394	6332	smim	SMDCLRSMEST
25395	6333	smim	SMTSIUNLK
25396	6334	smim	SMACTSPRFL
25397	6335	smim	SMS96A60
25398	6336	smim	SMS96A61
25399	6337	smim	SMS96A62
25400	6338	smim	SMS96A63
25401	6339	smim	SMS96A64
25402	633a	smim	SMS96A65
25403	633b	smim	SMS96A66
25404	633c	smim	SMS96A67
25405	633d	smim	SMS96A68
25406	633e	smim	SMS96A69
25407	633f	smim	SMSLERRTYPERR
25408	6340	smim	SMSLERRNOIMPCK
25409	6341	smim	SMIDSEND
25410	6342	smim	SMBADRDFI
25411	6343	smim	SMGPICBFAIL
25412	6344	smim	SMBADSDFISEL
25413	6345	smim	SMCKTDATFAIL
25414	6346	smim	SMDCLU1PFR
25415	6347	smim	SMS96BASEFAIL
25416	6348	smim	SMBADCISCAN
25417	6349	smim	SMDCLUICT
25418	634a	smim	SMROTPNF
25419	634b	smim	SMRLNKRET
25420	634c	smim	SMRSMCOMM
25421	634d	smim	SMPPGFULL
25422	634e	smim	SMIDAUD2
25423	634f	smim	SMDSUINIT
25424	6350	smim	SMOTHINIT
25425	6351	smim	SMPPGNOMATCH
25426	6352	smim	SMUTYPEBAD
25427	6353	smim	SMOUTINIT
25428	6354	smim	SMESTRET
25429	6355	smim	SMFDBRDFL
25430	6356	smim	SMIDAUD3
25431	6357	smim	SMCRNULK
25432	6358	smim	SMCRFORE
25433	6359	smim	SMRDNINIT

25434	635a	smim	SMQLNETINV
25435	635b	smim	SMDCLUBASE
25436	635c	smim	SMATDISERR
25437	635d	smim	SMATENERR
25438	635e	smim	SMATHWCONFIG
25439	635f	smim	SMATONLD
25440	6360	smim	SMCDFIMAP
25441	6361	smim	SMIACLIDATDB
25442	6362	smim	SMINITRLRCB
25443	6363	smim	SMCLIDATDB
25444	6364	smim	SMMATATTDB
25445	6365	smim	SMSEPSMEST
25446	6366	smim	SMILSEPACT
25447	6367	smim	SMIDDA01
25448	6368	smim	SMBDSHLFDTBL
25449	6369	smim	SMPHDATDGR
25450	636a	smim	SMODDLOCEQ
25451	636b	smim	SMODDCKT
25452	636c	smim	SMC_DBCLIDAT
25453	636d	smim	SMC_DBMATATT
25454	636e	smim	SMC_DBCDFI_MAP
25455	636f	smim	SMC_DBSMEST
25456	6370	smim	SMC_DBWSMEST
25457	6371	smim	SMC_INITREA
25458	6372	smim	SMC_UNKMSG
25459	6373	smim	SMC_OSDSRET
25460	6374	smim	SMC_TIMER
25461	6375	smim	SMC_LLATAB
25462	6376	smim	SMC_NRCLMAP
25463	6377	smim	SMC_RCLMAP
25464	6378	smim	SMC_SRC
25465	6379	smim	SMC_EVDDL
25466	637a	smim	SMC_DDERR
25467	637b	smim	SMC_CMRLCLMAP
25468	637c	smim	SMBDLNKGRP
25469	637d	smim	SMDBADERRTYPE
25470	637e	smim	SMATRMVTSI
25471	637f	smim	SMIDMISC
25472	6380	smim	SMIDBD01
25475	6383	smim	SMDC5BP
25476	6384	smim	SMDC5TIDB
25477	6385	smim	SMDC5RLSTI
25478	6386	smim	SMUNITDATNM
25479	6387	smim	SMSWBAD
25480	6388	smim	SMNOPORTLA
25481	6389	smim	SMMXDSL
25482	638a	smim	SMDLDSL
25483	638b	smim	SMCKT_NAMENM
25484	638c	smim	SMCKTINDXNM
25485	638d	smim	SMCKTNUMNM
25486	638e	smim	SMIDDS12
25487	638f	smim	SMQPRINIT
25488	6390	smim	SMIDNOEV
25489	6391	smim	SMIDBDEV
25490	6392	smim	SMSGN_NAMENM
25491	6393	smim	SMDEBUG1
25492	6394	smim	SMPRT_NAMENM
25493	6395	smim	SMPICB_NUMNM
25494	6396	smim	SMIDRTAM
25495	6397	smim	SMDEBUG2
25496	6398	smim	SMIDPRTD
25497	6399	smim	SMIDPPJK
25498	639a	smim	SMIDPASR
25499	639b	smim	SMCLERR6
25500	639c	smim	SMCLERR7
25501	639d	smim	SMCLERR8
25502	639e	smim	SMCLERR9
25503	639f	smim	SMCLER10
25504	63a0	smim	SM2KMMUERR
25505	63a1	smim	SMCLER11
25506	63a2	smim	SMCLER12
25507	63a3	smim	SMBAD1DBRET

25508	63a4	smim	SMBAD2DBRET
25509	63a5	smim	SMBAD3DBRET
25510	63a6	smim	SMLDWP_BAD
25511	63a7	smim	SMNLIMAP
25512	63a8	smim	SMBAD_SP
25513	63a9	smim	SMPIBFAIL
25514	63aa	smim	SMPTSB2CHDB
25515	63ab	smim	SMPTSBFAIL
25516	63ac	smim	SM2MH_CMER
25517	63ad	smim	SMBAD_DX
25518	63ae	smim	SMBAD_ENTRY
25519	63af	smim	SMBAD_FUMODE
25520	63b0	smim	SMINVFUABT
25521	63b1	smim	SMFUTSDBFAIL
25522	63b2	smim	SMFUBADNLI
25523	63b3	smim	SMINVFURETURN
25524	63b4	smim	SMINVFUSTATE
25525	63b5	smim	SMIABDGBL
25526	63b6	smim	SMIABADPARM
25527	63b7	smim	SMSPFFAUD
25528	63b8	smim	SMFFLIST
25529	63b9	smim	SMFFEMPTY
25530	63ba	smim	SMBADSPUSE
25531	63bb	smim	SMMHAUPARM
25532	63bc	smim	SMMHAUSND
25533	63bd	smim	SMQLEPINV
25534	63be	smim	SMQLSPCTIMER
25535	63bf	smim	SMQLSPREASERR
25536	63c0	smim	SMQLSPOSRTN
25537	63c1	smim	SMQLSPACINV
25538	63c2	smim	SMQLSPTMRINV
25539	63c3	smim	SMQLSPMGINV
25540	63c4	smim	SMDQLSINV
25541	63c5	smim	SMQLSTAINV
25542	63c6	smim	SMQLMHPIPE
25543	63c7	smim	SMQLPCCONN
25544	63c8	smim	SMQLERRTYPINV
25545	63c9	smim	SMQENDPTS
25546	63ca	smim	SMQLCOMMFAIL
25547	63cb	smim	SMQLNKCNT
25548	63cc	smim	SMQPSTINV
25549	63cd	smim	SMQPUPINV
25550	63ce	smim	SMQPDDTIMER
25551	63cf	smim	SMQLPBKINV
25552	63d0	smim	SMQLMQPSINV
25553	63d1	smim	SMQLEMSGINV
25554	63d2	smim	SMQLNKSNUMINV
25555	63d3	smim	SMDQLNKNUMINV
25556	63d4	smim	SMQLEPMSGINV
25557	63d5	smim	SMSPLESEQINV
25561	63d9	smim	SMTSMSKERR
25562	63da	smim	SMODDPIDB
25563	63db	smim	SM2MH_HSHE
25564	63dc	smim	SMMH_HASHE
25571	63e3	smim	SMQOSELNGTH
25572	63e4	smim	SMQPACTCMOOS
25573	63e5	smim	SMQLPROFILE
25574	63e6	smim	SMQLEGETPROF
25575	63e7	smim	SMQLERRPROF
25576	63e8	smim	SMQLIPIPE
25577	63e9	smim	SMQLIQLL
25578	63ea	smim	SMQLIDQLNK
25579	63eb	smim	SMCLNKNUMINV
25582	63ee	smim	SMIDTASK
25583	63ef	smim	SMQLLMINVST
25584	63f0	smim	SMUNEXPCAL
25585	63f1	smim	SMBGSELNLI
25586	63f2	smim	SMBGSELOC
25587	63f3	smim	SMBGSELMT
25598	63fe	smim	SMBADQPIPEODD
25599	63ff	smim	SMFLXINC
25600	6400	smim	SMPSLNKOOOR

25601	6401	smim	SMPLILNK
25602	6402	smim	SMPFRUSE
25603	6403	smim	SMASTMSG
25604	6404	smim	SMASTST
25605	6405	smim	SMASTCMD
25606	6406	smim	SMASTSRC
25607	6407	smim	SMASTACT
25608	6408	smim	SMASTTRG
25609	6409	smim	SMIXRFPARAM
25610	640a	smim	SMNUMDX
25611	640b	smim	SMRABADEQL
25612	640c	smim	SMRABADCKT
25613	640d	smim	SMBDCAST
25614	640e	smim	SMPHRNGCHKF
25615	640f	smim	SMLNK_NUM
25616	6410	smim	SMDBFLT3
25617	6411	smim	SMDBFLT4
25618	6412	smim	SMDBFLT5
25619	6413	smim	SMDBFLT6
25620	6414	smim	SMPSLNK_INFO
25621	6415	smim	SMPSU_CA
25622	6416	smim	SMPHATBL
25623	6417	smim	SMGRPNM
25624	6418	smim	SMODDUNIT_CKT
25625	6419	smim	SMXRFAUDERR
25626	641a	smim	SMIDCKTD
25627	641b	smim	SMIDNOSM
25631	641f	smim	SMXRHSMISMATCH
25750	6496	smkp	SMC5IEREAS
25751	6497	smkp	SMC5IEARG
25752	6498	smkp	SMC5IMSTY
25753	6499	smkp	SMC5MSTE
25754	649a	smkp	SMC5IRCV
25755	649b	smkp	SMC5NOMBUF
25756	649c	smkp	SMC5IMTAG
25757	649d	smkp	SMC5IDRID
25758	649e	smkp	SMC5IDTCC
25759	649f	smkp	SMC5ELOOP
25760	64a0	smkp	SMC5IDREAS

15. 5E11 Numeric Index: 25761-26200

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25761	64a1	smkp	SMC5IEVMSG
25762	64a2	smkp	SMC5IFPC
25763	64a3	smkp	SMC5IMSG
25764	64a4	smkp	SMC5STRAY
25765	64a5	smkp	SMC5IABT
25766	64a6	smkp	SMC5ITRNG
25767	64a7	smkp	SMC5NOTCC
25768	64a8	smkp	SMC5DETIME
25769	64a9	smkp	SMC5IBLK
25770	64aa	smkp	SMC5ELGTH
25771	64ab	smkp	SMC5EPROC
25772	64ac	smkp	SMC5ISND
25773	64ad	smkp	SMC5IBNR
25774	64ae	smkp	SMC5IBACK
25775	64af	smkp	SMC5IEQID
25776	64b0	smkp	SMC5DBNOK
25777	64b1	smkp	SMC5TMSC
25778	64b2	smkp	SMC5TFPC
25779	64b3	smkp	SMC5TPPC
25780	64b4	smkp	SMC5TMMP
25781	64b5	smkp	SMC5TNC
25782	64b6	smkp	SMC5TLI
25783	64b7	smkp	SMC5TMI
25784	64b8	smkp	SMC5TTMS
25785	64b9	smkp	SMC5TDLI
25786	64ba	smkp	SMC5TCLC
25787	64bb	smkp	SMC5TIIA
25788	64bc	smkp	SMC5TDRVR

25789	64bd	smkp	SMC5ITIMER
25790	64be	smkp	SMC5ICHID
25791	64bf	smkp	SMC5ISMTHD
25792	64c0	smkp	SMC5FEXEC
25793	64c1	smkp	SMIEXNLIMAX
25794	64c2	smkp	SMIBADNLI
25795	64c3	smkp	SMINLINVLST
25796	64c4	smkp	SMINVNLIMAP
25797	64c5	smkp	SMINVRSM2K
25798	64c6	smkp	SMC5TQLC
25799	64c7	smkp	SMC5TQGP
25800	64c8	smkp	SMSCORE
25801	64c9	smkp	SMLCDATA
25802	64ca	smkp	SMQSTBCFAIL
25803	64cb	smkp	SMQSTABORT
25804	64cc	smkp	SMQINITABT
25805	64cd	smkp	SMQPIPEABT
25806	64ce	smkp	SMDDRQLPS
25807	64cf	smkp	SMQPIPECNT
25808	64d0	smkp	SMQONTCPCD
25809	64d1	smkp	SMQRSCPF
25810	64d2	smkp	SMQRSEQF
25825	64e1	smkp	SMINREATG
25826	64e2	smkp	SMOSRETTG
25827	64e3	smkp	SMMSGTPTG
25828	64e4	smkp	SMREAMTG
25829	64e5	smkp	SMEQSTIMTG
25830	64e6	smkp	SMWSTIMTG
25831	64e7	smkp	SMWIIAIMTG
25832	64e8	smkp	SMWMMPIMTG
25833	64e9	smkp	SMWSDLCIMTG
25834	64ea	smkp	SMRIIAIMTG
25835	64eb	smkp	SMREAMMPTG
25836	64ec	smkp	SMEQSTMMPTG
25837	64ed	smkp	SMWSTMMPTG
25838	64ee	smkp	SMWIIAMMPTG
25839	64ef	smkp	SMWDGNMMPTG
25840	64f0	smkp	SMREALNKTG
25841	64f1	smkp	SMEQSTLNKTG
25842	64f2	smkp	SMWSTLNKTG
25843	64f3	smkp	SMWSTQLPSTG
25844	64f4	smkp	SMWSTQTMSTG
25845	64f5	smkp	SMEQQLPSTG
25846	64f6	smkp	SMREAQLPS
25847	64f7	smkp	SMWSTQPIPETG
25848	64f8	smkp	SMREAQPIPE
25849	64f9	smkp	SMQACKTG
25850	64fa	smkp	SMIABDINIT
25851	64fb	smkp	SMIABDTMSG
25852	64fc	smkp	SMIABDAMSG
25853	64fd	smkp	SMIABDUNIT
25854	64fe	smkp	SMIANOMCB
25855	64ff	smkp	SMIAINVPROC
25856	6500	smkp	SMIAOSEUN
25857	6501	smkp	SMIALEMSG
25858	6502	smkp	SMIAMEMSG
25859	6503	smkp	SMIAIEMSG
25860	6504	smkp	SMIADDRDF
25861	6505	smkp	SMIADBRDF
25870	650e	smkp	SMIPCMHDR
25875	6513	smkp	SMIPACTION
25876	6514	smkp	SMIPACTQUAL
25877	6515	smkp	SMIPRETURN
25878	6516	smkp	SMIPEQID
25879	6517	smkp	SMIPODDINCONSIST
25880	6518	smkp	SMIPFROMPID
25881	6519	smkp	SMIPHLEVEL
25882	651a	smkp	SMISINITPARM
25883	651b	smkp	SMIPFRCINCONSIST
25884	651c	smkp	SMIPMSGTYPE
25885	651d	smkp	SMIPTIONS
25886	651e	smkp	SMIPPCEQSTAT

25887	651f	smkp	SMIPPCID
25888	6520	smkp	SMIPPCSIDE
25889	6521	smkp	SMIPREASON
25890	6522	smkp	SMIPRESULT
25891	6523	smkp	SMIPSMDDREAD
25892	6524	smkp	SMIPSMWRITE
25893	6525	smkp	SMIPSNMSG
25894	6526	smkp	SMIPSYSTAG
25895	6527	smkp	SMIPWGFROM
25896	6528	smkp	SMIPWGMSG
25897	6529	smkp	SMIPWGTYPE
25898	652a	smkp	SMIPCLFAIL
25899	652b	smkp	SMIPDDREAD
25900	652c	smkp	SMISARGUMENT
25901	652d	smkp	SMISCREASON
25902	652e	smkp	SMISBADSTATE
25903	652f	smkp	SMISDDREAD
25904	6530	smkp	SMISDMDSPP
25905	6531	smkp	SMISHWESCAL
25906	6532	smkp	SMISNEXTACT
25907	6533	smkp	SMISNOOPIMS
25908	6534	smkp	SMIPSLEVEL
25909	6535	smkp	SMISPRMCLASS
25910	6536	smkp	SMISPRMDATA
25911	6537	smkp	SMISPRMTYPE
25912	6538	smkp	SMISPRMUNIT
25913	6539	smkp	SMISREPLACE
25914	653a	smkp	SMISRETURN
25915	653b	smkp	SMISSEQST
25916	653c	smkp	SMISSMDDREAD
25917	653d	smkp	SMISSMWRITE
25918	653e	smkp	SMISTIMER
25919	653f	smkp	SMISACTION
25920	6540	smkp	SMIPVINT
25921	6541	smkp	SMIPINREF
25922	6542	smkp	SMIPHY2LOGFAIL
25923	6543	smkp	SMIPINTINCONSIST
25924	6544	smkp	SMISDDWRITE
25925	6545	smkp	SMREASERR
25926	6546	smkp	SMINRC
25927	6547	smkp	SMINVU
25928	6548	smkp	SMLBIV
25929	6549	smkp	SMINMT
25930	654a	smkp	SMARBRSN
25931	654b	smkp	SMARBARG
25932	654c	smkp	SMARBRET
25933	654d	smkp	SMVINVM
25934	654e	smkp	SMVNFREE
25935	654f	smkp	SMVBRLNK
25936	6550	smkp	SMVINVNL
25937	6551	smkp	SMVOORIX
25938	6552	smkp	SMVBLIST
25939	6553	smkp	SMVINVRQ
25940	6554	smkp	SMVPCAMS
25941	6555	smkp	SMVCOAFP
25942	6556	smkp	SMVINVET
25943	6557	smkp	SMARBETY
25944	6558	smkp	SMARQDAT
25945	6559	smkp	SMARSSPT
25946	655a	smkp	SMARBDON
25947	655b	smkp	SMVINVRD
25948	655c	smkp	SMDFRERR
25949	655d	smkp	SMARBSND
25950	655e	smkp	SMOORQIX
25951	655f	smkp	SMTMR
25952	6560	smkp	SMODDPCIV
25953	6561	smkp	SMVGTUPBD
25954	6562	smkp	SMVDDRWF
25955	6563	smkp	SMVISTAT
25956	6564	smkp	SMVIUNIT
25957	6565	smkp	SMVIDATA
25958	6566	smkp	SMINVSFC

25959	6567	smkp	SMINVACQ
25960	6568	smkp	SMINVREQ
25961	6569	smkp	SMINVDDR
25962	656a	smkp	SMVLPRCF
25963	656b	smkp	SMFPCPCD
25964	656c	smkp	SMFPCNOCH
25965	656d	smkp	SMLCFAIL
25966	656e	smkp	SMVQGLIP
25967	656f	smkp	SMIPQPFail
26000	6590	smkp	SMDMBADLOG
26001	6591	smkp	SMDMILLID
26002	6592	smkp	SMLLONOLNK
26003	6593	smkp	SMLL1NOLNK
26004	6594	smkp	SMMCCBDDRWF
26005	6595	smkp	SMMCCDDRWF
26006	6596	smkp	SMUNKMTST
26025	65a9	smkp	SMCLNOTINIT
26026	65aa	smkp	SMCLDD1
26027	65ab	smkp	SMCLDB8
26028	65ac	smkp	SMCLPREF
26029	65ad	smkp	SMCLMANMSG
26030	65ae	smkp	SMCLMANDONE
26031	65af	smkp	SMCLDMAMMSG
26032	65b0	smkp	SMCLNORMREQ
26033	65b1	smkp	SMCLCADMSG
26034	65b2	smkp	SMCLCADRTN
26035	65b3	smkp	SMCLACKMSG
26036	65b4	smkp	SMCLINVAL
26037	65b5	smkp	SMCLNOTCLNC
26038	65b6	smkp	SMCLIIAREQ
26039	65b7	smkp	SMCLMSKP
26040	65b8	smkp	SMCLBADSRC
26041	65b9	smkp	SMCLBADLK
26042	65ba	smkp	SMCLIM
26043	65bb	smkp	SMCLISOL
26044	65bc	smkp	SMCLNINVAL
26045	65bd	smkp	SMCLBOSRT
26046	65be	smkp	SMCLBNMSG
26047	65bf	smkp	SMCLNMTYP
26048	65c0	smkp	SMCLNMBM
26049	65c1	smkp	SMCLMMPMSG
26050	65c2	smkp	SMCLFPCMSG
26051	65c3	smkp	SMCLMSMSG
26052	65c4	smkp	SMCLSND1
26053	65c5	smkp	SMCLDBO
26054	65c6	smkp	SMCLDB1
26055	65c7	smkp	SMCLDB2
26056	65c8	smkp	SMCLDB3
26057	65c9	smkp	SMCLDB4
26058	65ca	smkp	SMCLBADMSG
26059	65cb	smkp	SMCLCINVAL
26060	65cc	smkp	SMCLMSRET
26061	65cd	smkp	SMCLWRSORC
26062	65ce	smkp	SMCLWRUNIT
26063	65cf	smkp	SMCLWRAC
26064	65d0	smkp	SMCLWRTYPE
26065	65d1	smkp	SMCLBRMV
26066	65d2	smkp	SMCLBRST
26067	65d3	smkp	SMCLINERR
26068	65d4	smkp	SMCLBIMS
26069	65d5	smkp	SMCLBIMO
26070	65d6	smkp	SMCLTMSIDE
26071	65d7	smkp	SMCLSSPMSG
26072	65d8	smkp	SMCLDELTIM
26073	65d9	smkp	SMCLINVPAR
26074	65da	smkp	SMCLREASON
26075	65db	smkp	SMCLEWAIT
26076	65dc	smkp	SMCLESEND
26077	65dd	smkp	SMCLICADTMOUT
26078	65de	smkp	SMCLREQFAIL
26079	65df	smkp	SMCLWGET
26080	65e0	smkp	SMCLNOMSG

26081	65e1	smkp	SMCLEIMMSG
26082	65e2	smkp	SMCLERRMSG
26083	65e3	smkp	SMCLSSPE
26084	65e4	smkp	SMCLSSPTYPE
26085	65e5	smkp	SMCLRSEND
26086	65e6	smkp	SMCLNOTYPE
26087	65e7	smkp	SMCLMSFAIL
26088	65e8	smkp	SMCLDDREAD
26089	65e9	smkp	SMCLSSPUNIT
26090	65ea	smkp	SMISOLDD
26091	65eb	smkp	SMISOLDB
26092	65ec	smkp	SMRSMOFST
26093	65ed	smkp	SMISCLIDAT
26094	65ee	smkp	SMSEPDD
26095	65ef	smkp	SMCLSSPOOS
26096	65f0	smkp	SMCLSMIF
26097	65f1	smkp	SMCLRSBMMP
26098	65f2	smkp	SMCLRSPC
26099	65f3	smkp	SMCLRSBONTC
26100	65f4	smkp	SMCLRS3LNK
26101	65f5	smkp	SMCLRSMTT
26102	65f6	smkp	SMCLRSDDFL
26103	65f7	smkp	SMCLRSMO
26150	6626	smkp	SMMSEWAIT
26151	6627	smkp	SMMSERMSG
26152	6628	smkp	SMMSPERMSG
26153	6629	smkp	SMMSREASON
26154	662a	smkp	SMMSESEND
26155	662b	smkp	SMMSEVCLASS
26156	662c	smkp	SMMSREADDD
26157	662d	smkp	SMMSCTIM
26158	662e	smkp	SMMSHTIM
26159	662f	smkp	SMMSWGET
26160	6630	smkp	SMMSPESEND
26161	6631	smkp	SMMSDREAD
26162	6632	smkp	SMMSPPFail
26163	6633	smkp	SMCLKFAIL
26164	6634	smkp	SMMSGFAIL
26165	6635	smkp	SMHMSGFAIL
26166	6636	smkp	SMPMSGFAIL
26167	6637	smkp	SMPSENFail
26168	6638	smkp	SMSENDFail
26169	6639	smkp	SMWRTFail
26170	663a	smkp	SMFALREASON
26171	663b	smkp	SMWAITFail
26172	663c	smkp	SMTIMEOUT
26173	663d	smkp	SMGETPTA
26174	663e	smkp	SMPHY2LOG
26175	663f	smkp	SMOUTMSGFAIL
26176	6640	smkp	SMERANGE
26177	6641	smkp	SMWRTNOPCD
26178	6642	smkp	SMMCBD
26179	6643	smkp	SMMCSEND
26180	6644	smkp	SMMCACKBAD
26181	6645	smkp	SMMCWGBAD
26182	6646	smkp	SMMMUNITERR
26183	6647	smkp	SMMMSIDERR
26184	6648	smkp	SMMMPPHYSERR
26185	6649	smkp	SMMMTPERR
26186	664a	smkp	SMMMMAQERR
26187	664b	smkp	SMMMFROMERR
26188	664c	smkp	SMMMATIONERR
26189	664d	smkp	SMMMDUPERR
26190	664e	smkp	SMMMEVTNOERR
26191	664f	smkp	SMMMSNDMSGERR
26192	6650	smkp	SMMMWRITERR
26193	6651	smkp	SMMMIMERR
26194	6652	smkp	SMMMGETMSGERR
26195	6653	smkp	SMMMREASERR
26196	6654	smkp	SMMMATAERR
26197	6655	smkp	SMMMREADERR
26198	6656	smkp	SMMMSEWAIT

26199	6657	smkp	SMMMERRTYPE
26200	6658	smkp	SMMMAREADERR

16. 5E11 Numeric Index: 26201-26990

ERROR CODE	PRM CODE	RANGE	MNEMONIC
26201	6659	smkp	SMMMDDTIMER
26202	665a	smkp	SMMMSELENGTH
26203	665b	smkp	SMMMBADINIT
26204	665c	smkp	SMMMTEMMPH
26205	665d	smkp	SMMMCACTIMO
26206	665e	smkp	SMMMSRCERR
26207	665f	smkp	SMMMEVCLERR
26208	6660	smkp	SMMMINDVGN
26209	6661	smkp	SMMMGLIMIT
26210	6662	smkp	SMMMDDREAD
26211	6663	smkp	SMMMDDREAD
26212	6664	smkp	SMMMNMMP
26213	6665	smkp	SMMMBUSTYPERR
26214	6666	smkp	SMMMBSTATE
26215	6667	smkp	SMMMIMOCAD
26216	6668	smkp	SMMMOSSEND
26217	6669	smkp	SMMMBIDATA
26218	666a	smkp	SMMMBMMPH
26219	666b	smkp	SMMMTBLMSG
26220	666c	smkp	SMMMTBLREAD
26221	666d	smkp	SMFOSND
26222	666e	smkp	SMFINV
26223	666f	smkp	SMFBDMSG
26224	6670	smkp	SMFBDACK
26225	6671	smkp	SMFACK
26226	6672	smkp	SMFAUST
26227	6673	smkp	SMFBDCT
26228	6674	smkp	SMFBDOS
26229	6675	smkp	SMFPCPTO
26230	6676	smkp	SMFPCREA
26231	6677	smkp	SMFPCWGET
26232	6678	smkp	SMFPCBMSG
26233	6679	smkp	SMFPCWAIT
26234	667a	smkp	SMFPC1SND
26235	667b	smkp	SMFPC2SND
26236	667c	smkp	SMFPCMRR
26237	667d	smkp	SMFPCWMF
26238	667e	smkp	SMFPCWMT
26239	667f	smkp	SMFPCSWR
26240	6680	smkp	SMFPCIMR
26241	6681	smkp	SMFPCIMNF
26242	6682	smkp	SMFPCINP
26243	6683	smkp	SMFPCOSWT
26244	6684	smkp	SMFPCSWE
26245	6685	smkp	SMFPCCTO
26246	6686	smkp	SMFPCINSIDE
26247	6687	smkp	SMFPCDDUPDT
26248	6688	smkp	SMPOSND
26249	6689	smkp	SMPINV
26250	668a	smkp	SMPBDMMSG
26251	668b	smkp	SMPBDACK
26252	668c	smkp	SMPACK
26253	668d	smkp	SMPAUST
26254	668e	smkp	SMPBDCNT
26255	668f	smkp	SMPBDOS
26256	6690	smkp	SMPPCREA
26257	6691	smkp	SMPPCWGET
26258	6692	smkp	SMPPCBMSG
26259	6693	smkp	SMPPCWAIT
26260	6694	smkp	SMPPC1SND
26261	6695	smkp	SMPPC2SND
26262	6696	smkp	SMPPCMRR
26263	6697	smkp	SMPPCWMF
26264	6698	smkp	SMPPCWMT
26265	6699	smkp	SMPPCSWR

26266	669a	smkp	SMPPCTMR
26267	669b	smkp	SMPPCMNF
26268	669c	smkp	SMPPCINP
26269	669d	smkp	SMPPCOSWT
26270	669e	smkp	SMPPCSWE
26271	669f	smkp	SMFPCTIME
26272	66a0	smkp	SMFPCNOACT
26273	66a1	smkp	SMFPCDDBAD
26350	66ee	smkp	SMPIUNITERR
26351	66ef	smkp	SMPISIDERR
26352	66f0	smkp	SMPIPHYSERR
26353	66f1	smkp	SMPITYPERR
26354	66f2	smkp	SMPIFROMERR
26355	66f3	smkp	SMPIACTIONERR
26356	66f4	smkp	SMPISENDMSGERR
26357	66f5	smkp	SMPIGETMSGERR
26358	66f6	smkp	SMPIREASERR
26359	66f7	smkp	SMPISEWAIT
26360	66f8	smkp	SMPIERRTYPE
26361	66f9	smkp	SMPIOSELENGTH
26362	66fa	smkp	SMPIEVCLERR
26363	66fb	smkp	SMPIAQERR
26364	66fc	smkp	SMPIREADERR
26365	66fd	smkp	SMPISRCERR
26366	66fe	smkp	SMPIBDMMSG
26367	66ff	smkp	SMPIWRITERR
26368	6700	smkp	SMPIINV DGN
26369	6701	smkp	SMPIPTO
26370	6702	smkp	SMPIBDACK
26371	6703	smkp	SMPIACK
26372	6704	smkp	SMPIPURGE
26373	6705	smkp	SMPIIMATEGET
26374	6706	smkp	SMPISWINSANE
26375	6707	smkp	SMPICONTO
26376	6708	smkp	SMPIINVMSG
26377	6709	smkp	SMPIWGTERR
26378	670a	smkp	SMPITIMERR
26379	670b	smkp	SMPIRDWRERR
26380	670c	smkp	SMPIINVABT
26381	670d	smkp	SMPIUPDTERR
26382	670e	smkp	SMPIBMSGLENGTH
26383	670f	smkp	SMPIOSSENDMSGERR
26384	6710	smkp	SMPIRDERR
26385	6711	smkp	SMPIWTERR
26386	6712	smkp	SMC5TPIP
26387	6713	smkp	SMPISETBAD
26388	6714	smkp	SMPICRETBAD
26389	6715	smkp	SMPICEVTNOERR
26390	6716	smkp	SMPICLEACCESS
26391	6717	smkp	SMPICLEBADMSG
26392	6718	smkp	SMPITMCMPIH
26393	6719	smkp	SMPIRDEVER
26394	671a	smkp	SMPINODDACK
26395	671b	smkp	SMPIRSNERR
26396	671c	smkp	SMINV_CMP
26450	6752	smkp	SMNCINST
26451	6753	smkp	SMNCINSD
26452	6754	smkp	SMNCINREF
26453	6755	smkp	SMNCINMD
26454	6756	smkp	SMNCINUN
26455	6757	smkp	SMNCIIAAC
26456	6758	smkp	SMNCINEN
26457	6759	smkp	SMNCINMS
26458	675a	smkp	SMNCSPCM
26459	675b	smkp	SMNCRDCL
26460	675c	smkp	SMNCADPR
26461	675d	smkp	SMNCADSR
26462	675e	smkp	SMNCADXR
26463	675f	smkp	SMNCBDVR
26464	6760	smkp	SMNCINAC
26465	6761	smkp	SMNCFRAC
26466	6762	smkp	SMNCFRRC

26467	6763	smkp	SMNCTTYO
26468	6764	smkp	SMNCRITL
26469	6765	smkp	SMNCRIPS
26470	6766	smkp	SMNCRISS
26471	6767	smkp	SMNCRIXS
26472	6768	smkp	SMNCRIRP
26473	6769	smkp	SMNCRICS
26474	676a	smkp	SMNCRICE
26475	676b	smkp	SMNCRERR
26476	676c	smkp	SMNCWTUN
26477	676d	smkp	SMNCINQ1
26478	676e	smkp	SMNCINQ2
26479	676f	smkp	SMNCDATA
26480	6770	smkp	SMNCINBS
26481	6771	smkp	SMNCBDRT
26482	6772	smkp	SMNCIASD
26483	6773	smkp	SMNCDBUN
26484	6774	smkp	SMRCSPRD
26485	6775	smkp	SMRCENCI
26486	6776	smkp	SMRCINER
26487	6777	smkp	SMRCINEC
26488	6778	smkp	SMRCINRM
26489	6779	smkp	SMUNKOPTMS
26490	677a	smkp	SMERCATTMS
26491	677b	smkp	SMNULLREATMS
26492	677c	smkp	SMBADACTTMS
26493	677d	smkp	SMBADTMSFUNC
26494	677e	smkp	SMBADUNITTMS
26495	677f	smkp	SM2WAYTMS
26496	6780	smkp	SMDBCTSTMS
26497	6781	smkp	SMIMCTSTMS
26498	6782	smkp	SMQCNTTMS
26499	6783	smkp	SMBADNEQTMS
26500	6784	smkp	SMSLNKTMS
26501	6785	smkp	SMSETLNKTMS
26502	6786	smkp	SMDBEQTMS
26503	6787	smkp	SMLV1IATMS
26504	6788	smkp	SMLV0IATMS
26505	6789	smkp	SMFABRSTTMS
26506	678a	smkp	SMTMSDLK
26507	678b	smkp	SMDBLNKTMS
26508	678c	smkp	SMOSRTMS
26509	678d	smkp	SMHMTMS
26510	678e	smkp	SMUNKFUNTMS
26511	678f	smkp	CHBUGINITYPE
26512	6790	smkp	CHBUGERRTYPE
26513	6791	smkp	CHBUGUNIT
26514	6792	smkp	CHBUGAQUAL
26515	6793	smkp	CHBUGACTION
26516	6794	smkp	CHBUGCLASS
26517	6795	smkp	CHBUGSMTYPE
26518	6796	smkp	CHBUGSMRTN
26519	6797	smkp	CHBUGEID
26520	6798	smkp	CHBUGCSTENTRY_
26521	6799	smkp	CHBUGREAD
26522	679a	smkp	CHBUGSTATE
26523	679b	smkp	CHBUGTOCAD
26524	679c	smkp	CHBUGSIDE
26525	679d	smkp	CHBUGNCCRTN
26526	679e	smkp	CHBUGMMSTATE
26527	679f	smkp	CHBUGOOSERR
26528	67a0	smkp	CHBUGPF
26529	67a1	smkp	CHBUGWRITE
26530	67a2	smkp	CHBUGSMNUM
26531	67a3	smkp	CHBUGTOIIA
26532	67a4	smkp	CHBUGUDGR
26533	67a5	smkp	SMLIBSWINIT
26534	67a6	smkp	SMLIBACT
26535	67a7	smkp	SMLIBSNT
26536	67a8	smkp	SMLIBCC
26537	67a9	smkp	SMLIBSTR
26538	67aa	smkp	SMLIBCNTR

26539	67ab	smkp	SMLIBTYM
26540	67ac	smkp	SMLIBVINT
26541	67ad	smkp	SMMIBSWINIT
26542	67ae	smkp	SMMIBACT
26543	67af	smkp	SMMIBSNT
26544	67b0	smkp	SMMIBCC
26545	67b1	smkp	SMMIBSIDE
26546	67b2	smkp	SMMIBREQ
26547	67b3	smkp	SMMIBCNTR
26548	67b4	smkp	SMMIBVINT
26549	67b5	smkp	SMMIBSIZE
26550	67b6	smkp	SMMIMODFAIL
26551	67b7	smkp	SMMIBFORLP
26552	67b8	smkp	SMMIBAQCPI
26553	67b9	smkp	SMDLI_READ
26554	67ba	smkp	SMDLIWRTE
26555	67bb	smkp	SMDLI_SIDE
26556	67bc	smkp	SMDLIANA
26557	67bd	smkp	SMDLIAUTISS
26558	67be	smkp	SMDLISMNO
26559	67bf	smkp	SMDLIUNIT
26560	67c0	smkp	SMDLIMODDATA
26561	67c1	smkp	SMDLIREASON
26562	67c2	smkp	SMDLIMSG
26563	67c3	smkp	SMDLIDDDATA
26564	67c4	smkp	CHBUGEINITYPE
26565	67c5	smkp	CHBUGPOSTPARM
26566	67c6	smkp	CHBUGEUNIT
26567	67c7	smkp	CHBUGEVCAUSE
26568	67c8	smkp	CHBUGOSWRTN
26569	67c9	smkp	CHBUGESIDE
26570	67ca	smkp	CHBUGESMTYPE
26571	67cb	smkp	CHBUGOSSRTN
26572	67cc	smkp	PIASTST
26573	67cd	smkp	PIASTCMD
26574	67ce	smkp	PIASTSRC
26575	67cf	smkp	PIASTACT
26576	67d0	smkp	PIASTELP
26577	67d1	smkp	PIASTTRG
26578	67d2	smkp	PIASTDBR
26579	67d3	smkp	PIASTLLS
26580	67d4	smkp	PIASTMSG
26581	67d5	smkp	PIASTREA
26582	67d6	smkp	SMIPINCDATA
26583	67d7	smkp	SMIPNCTMOD
26584	67d8	smkp	SMTMSCPAUD
26585	67d9	smkp	SMNCUNEX
26586	67da	smkp	CHBUGMSGTYPE
26587	67db	smkp	CHBUGDATA
26588	67dc	smkp	SMTMCOMM
26700	684c	smkp	SMINVRSTRT
26701	684d	smkp	SMRSCREASON
26702	684e	smkp	SMRSCARG
26703	684f	smkp	SMRSISPP
26704	6850	smkp	SMRSINVMODE
26705	6851	smkp	SMRSINVSEQST
26706	6852	smkp	SMRSINVESCAL
26707	6853	smkp	SMRSTIMEOUT
26850	68e2	smkp	SMQGTYPERR
26851	68e3	smkp	SMQGFERR
26852	68e4	smkp	SMQGGETMSGERR
26853	68e5	smkp	SMQGREASERR
26855	68e7	smkp	SMQGACTIONERR
26856	68e8	smkp	SMQGAQERR
26857	68e9	smkp	SMQGCADTIMO
26858	68ea	smkp	SMQGDDREAD
26859	68eb	smkp	SMQGERRTYPE
26860	68ec	smkp	SMQGEVCLERR
26861	68ed	smkp	SMQGGLIMIT
26862	68ee	smkp	SMQGINVDGN
26863	68ef	smkp	SMQGOSELENGTH
26864	68f0	smkp	SMQGOSEND

26865	68f1	smkp	SMQGPYSERR
26866	68f2	smkp	SMQGREADERR
26868	68f4	smkp	SMQGSNDMSGERR
26869	68f5	smkp	SMQGSRCERR
26870	68f6	smkp	SMQGTIMOCAD
26872	68f8	smkp	SMQGWITERR
26873	68f9	smkp	SMQGUNITERR
26874	68fa	smkp	SMQGSIDERR
26875	68fb	smkp	SMQGEVTNOERR
26876	68fc	smkp	SMQGBADINIT
26877	68fd	smkp	SMQGDUPERR
26878	68fe	smkp	SMQGBIDATA
26879	68ff	smkp	SMQGTQGP
26880	6900	smkp	SMQGBQGP
26881	6901	smkp	SMQGTIMERR
26882	6902	smkp	SMQGDTIMER
26883	6903	smkp	SMQGTIMIDX
26885	6905	smkp	SMQGAUPARM
26886	6906	smkp	SMQGSEWAIT
26887	6907	smkp	SMQGDWRITE
26888	6908	smkp	SMQGTAGERR
26889	6909	smkp	SMWSTQGP
26950	6946	smkp	SMQCDDRDFL
26951	6947	smkp	SMQCDDWRFL
26952	6948	smkp	SMQCINVLE
26953	6949	smkp	SMQCLESTAT
26954	694a	smkp	SMQCBRTACK
26955	694b	smkp	SMQCINVUNIT
26956	694c	smkp	SMQCINVACT
26957	694d	smkp	SMQCINVSTATE
26958	694e	smkp	SMQCDAERR
26960	6950	smkp	SMQCACTIONERR
26961	6951	smkp	SMQCPYSERR
26962	6952	smkp	SMQLNOMSG
26963	6953	smkp	SMQLACTERR
26964	6954	smkp	SMQLEVERR
26965	6955	smkp	SMQLBADMSG
26966	6956	smkp	SMQLREADERR
26967	6957	smkp	SMQLSRCERR
26968	6958	smkp	SMQLPYSERR
26969	6959	smkp	SMQLTIMO
26970	695a	smkp	SMQLOSELENGTH
26971	695b	smkp	SMQLGETMSGERR
26972	695c	smkp	SMQLCREATEERR
26973	695d	smkp	SMQLINVEP
26974	695e	smkp	SMQLBADERR
26975	695f	smkp	SMQLSMINDX
26976	6960	smkp	SMQLBADTMR
26977	6961	smkp	SMQLEPINDX
26978	6962	smkp	SMQLBADACT
26979	6963	smkp	SMQCQEODD
26980	6964	smkp	SMQCINVPARAM
26981	6965	smkp	SMQLALARMERR
26982	6966	smkp	SMQCODDRD
26983	6967	smkp	SMQCIMSG
26984	6968	smkp	SMQCSNDER
26985	6969	smkp	SMQCUMSG
26986	696a	smkp	SMQCOSRCV
26987	696b	smkp	SMQCOSER
26988	696c	smkp	SMQCPCDER
26989	696d	smkp	SMQCRSTATE
26990	696e	smkp	SMQCTOQGP

17. 5E11 Numeric Index: 26991-27580

ERROR CODE	PRM CODE	RANGE	MNEMONIC
26991	696f	smkp	SMQCPSTATE
26992	6970	smkp	SMQCPPAR
26993	6971	smkp	SMQCTOFPC
26994	6972	smkp	SMQCOPQGP
27150	6a0e	tm	TMRETRN

27151	6a0f	tm	TMNORETRN
27152	6a10	tm	TMCMKP
27153	6a11	tm	TMRECVW
27154	6a12	tm	TMSENDPW
27155	6a13	tm	TMMSGENAB
27156	6a14	tm	TMGETPORT
27157	6a15	tm	TMUNERR
27158	6a16	tm	TMUNLIST
27159	6a17	tm	TMFC_TRUNK
27160	6a18	tm	TMSTATUS
27161	6a19	tm	TMCGA1ODD
27163	6a1b	tm	TMNOPTOLA
27164	6a1c	tm	TMBADLIST
27165	6a1d	tm	TMDEL_CON
27166	6a1e	tm	TMWGETMSG
27167	6a1f	tm	TMOSREASON
27168	6a20	tm	TMOSRESTART
27169	6a21	tm	TMABTTSK
27170	6a22	tm	TMGETMSG
27171	6a23	tm	TMSENDMSG
27172	6a24	tm	TMOPBADRET
27174	6a26	tm	TMNOCCB
27176	6a28	tm	TMNONREASON
27177	6a29	tm	TMINCRECDATA
27178	6a2a	tm	TMSMIMSEND
27179	6a2b	tm	TMDBAML
27180	6a2c	tm	TMTTSTYPE
27181	6a2d	tm	TMTTSTDATA
27182	6a2e	tm	TMCTP
27183	6a2f	tm	TMTLWSUJOB
27184	6a30	tm	TMICMTC
27185	6a31	tm	TMDA_TIMER
27186	6a32	tm	TMFC_LINE
27188	6a34	tm	TMBADDISC
27189	6a35	tm	TMBADSTATE
27190	6a36	tm	TMCOMMFAIL
27192	6a38	tm	TMUPPAGE
27193	6a39	tm	TMHMACK
27195	6a3b	tm	TMPOSNUM
27198	6a3e	tm	TMBDPTYP
27199	6a3f	tm	TMDFITIMER
27200	6a40	tm	TMCKTDATA
27201	6a41	tm	TMRTAFAIL
27202	6a42	tm	TMCGAFail
27204	6a44	tm	TMUXPMSG
27205	6a45	tm	TMNOMSG
27206	6a46	tm	TMOOSTMR
27207	6a47	tm	TMOHMERR
27208	6a48	tm	TMIHMERR
27210	6a4a	tm	TMINV_DATA
27214	6a4e	tm	TMPORTLA
27216	6a50	tm	TMPSBADRET
27217	6a51	tm	TMCP TIMEOUT
27218	6a52	tm	TMENDTRN
27219	6a53	tm	TMPGGINFO
27220	6a54	tm	TMUMSGNOR
27222	6a56	tm	TMNOTRAN
27223	6a57	tm	TMSKCN
27226	6a5a	tm	TMNOTRKG
27228	6a5c	tm	TMLITINIT
27229	6a5d	tm	TMBADDAY
27230	6a5e	tm	TMAPTBADRET
27231	6a5f	tm	TMTPCBUF
27232	6a60	tm	TMISPAUF
27233	6a61	tm	TMCFFHFAIL
27234	6a62	tm	TMISDBHC
27235	6a63	tm	TMCGASTAT
27237	6a65	tm	TMCGATYPE
27238	6a66	tm	TMPCLL
27239	6a67	tm	TMPSATIMER
27240	6a68	tm	TMBADPOLIST
27241	6a69	tm	TMLNKPTLA

27242	6a6a	tm	TMULNKPTLA
27243	6a6b	tm	TMLNKPOPH
27244	6a6c	tm	TMULNKPOPH
27245	6a6d	tm	TMLNKIPH
27246	6a6e	tm	TMULNKIPH
27247	6a6f	tm	TMLNKBPH
27248	6a70	tm	TMULNKBPH
27249	6a71	tm	TMISINVPORT
27250	6a72	tm	TMNOHIST
27251	6a73	tm	TMPOPHINC
27252	6a74	tm	TMPOFC_PINC
27256	6a78	tm	TMCAMATRK
27257	6a79	tm	TMS96SMTB
27258	6a7a	tm	TMS96DIODE
27259	6a7b	tm	TMS96DDB
27260	6a7c	tm	TMDBWS101
27261	6a7d	tm	TMDBTLWS
27263	6a7f	tm	TMDDREAD
27264	6a80	tm	TMFRDRLN
27265	6a81	tm	TMNOTIMR
27266	6a82	tm	TMLITDUR
27267	6a83	tm	TMOSLTIME
27268	6a84	tm	TMBADLIT_TC
27269	6a85	tm	TMBADPID
27270	6a86	tm	TMBADMSG
27271	6a87	tm	TMCGAPTLA
27272	6a88	tm	TMTERAFAIL
27273	6a89	tm	TMNOCDBCOM
27274	6a8a	tm	TMBADMII
27275	6a8b	tm	TMTERAUP
27276	6a8c	tm	TMOPNTRN
27277	6a8d	tm	TMLITOVFL
27279	6a8f	tm	TMRT_FAIL
27280	6a90	tm	TMBADPARM
27281	6a91	tm	TMDTIMER
27283	6a93	tm	TMUNKCLS
27284	6a94	tm	TMXSMEST
27285	6a95	tm	TMXPICB
27286	6a96	tm	TMXPORTLA
27287	6a97	tm	TMDNTRAN
27288	6a98	tm	TMOEINFO
27291	6a9b	tm	TMMODATT
27292	6a9c	tm	TMEQLOC
27293	6a9d	tm	TMUXALMTYPE
27295	6a9f	tm	TMUXDFITYPE
27296	6aa0	tm	TMBR_KEY
27297	6aa1	tm	TMBR_TRUNK
27298	6aa2	tm	TMTRK_ERR
27299	6aa3	tm	TMINVSCOPE
27300	6aa4	tm	TMISSPP
27301	6aa5	tm	TMISCLCNT
27302	6aa6	tm	TMINVPH
27303	6aa7	tm	TMUNEXEVNT
27304	6aa8	tm	TMINVPRI
27305	6aa9	tm	TMINVJOB
27306	6aaa	tm	TMDBERRS
27307	6aab	tm	TMGETDPB
27308	6aac	tm	TMUNEXRTN
27309	6aad	tm	TMNOPTYPE
27310	6aae	tm	TMNOMDPATH
27311	6aaf	tm	TMBADLPORT
27312	6ab0	tm	TMPOSDBERR
27313	6ab1	tm	TMBR_PHIST
27314	6ab2	tm	TMC_PHIST
27315	6ab3	tm	TMPHIST_FULL
27316	6ab4	tm	TMPIH_KEY
27317	6ab5	tm	TMERR_PHIST
27318	6ab6	tm	TMBR_LA
27319	6ab7	tm	TMC_PORTLA
27320	6ab8	tm	TMBR_PRTLST
27321	6ab9	tm	TMPRT_FULL
27322	6aba	tm	TMIS_FAIL

27323	6abb	tm	TMERR_PRTLST
27324	6abc	tm	TMBR_PORTTYP
27325	6abd	tm	TMCUR_PORTTYP
27326	6abe	tm	TMERR_PORT
27327	6abf	tm	TMLA_FULL
27328	6ac0	tm	TMLA_KEY
27329	6ac1	tm	TMERR_LA
27330	6ac2	tm	TMDDFAIL
27331	6ac3	tm	TMLOOPDBERR
27332	6ac4	tm	TMACTBFAIL
27333	6ac5	tm	TML3PRIMERR
27334	6ac6	tm	TMRMDSLFL
27335	6ac7	tm	TMBADWBPRT
27336	6ac8	tm	TMDPBINV
27337	6ac9	tm	TMSMDCHN
27338	6aca	tm	TMNXTPORT
27339	6acb	tm	TMTTATFAIL
27341	6acd	tm	TMSEGMENT
27342	6ace	tm	TMPOSSDERR
27343	6acf	tm	TMAPBDBERR
27344	6ad0	tm	TMDLSDERR
27345	6ad1	tm	TMMSGLOSS
27346	6ad2	tm	TMDSLRMFAIL
27347	6ad3	tm	TMLKTSTTBL
27348	6ad4	tm	TMGETPTSB
27351	6ad7	tm	TMUNK_TIMER
27352	6ad8	tm	TMCOTCHECK
27354	6ada	tm	TMOSFAP
27358	6ade	tm	TMUNK_VALUE
27359	6adf	tm	TMACCSDERR
27360	6ae0	tm	TMZOMBIE
27362	6ae2	tm	TMTAPOSDBERR
27363	6ae3	tm	TMPTRDBERR
27364	6ae4	tm	TMQRYDBERR
27365	6ae5	tm	TMBADDATA
27366	6ae6	tm	TMINVPSTAT
27367	6ae7	tm	TMINVLXDATA
27369	6ae9	tm	XTMSLRLT
27373	6aed	tm	XTMBADMMSGEN
27375	6aef	tm	XTMMODATT
27376	6af0	tm	XTMRTR_FAIL
27377	6af1	tm	TMSL2TEC
27379	6af3	tm	XTMNOPTYP
27380	6af4	tm	TMPCTFERR
27381	6af5	tm	TMNOTPHPORT
27382	6af6	tm	TMDNOFCPTUP
27383	6af7	tm	TMLNOFCPTUP
27384	6af8	tm	TMTFBADREASON
27385	6af9	tm	TMISPATPC
27386	6afa	tm	TMAUTEILA
27387	6afb	tm	TMRTA5FAIL
27388	6afc	tm	TMISMPATH
27389	6afd	tm	TMPSTRUNKS
27392	6b00	tm	TMWGMFAIL
27393	6b01	tm	TMWGTFAIL
27403	6b0b	tm	TMNOHCELL
27404	6b0c	tm	TMRISSDERR
27405	6b0d	tm	TMPOSTPERR
27407	6b0f	tm	TMOFFPAR
27408	6b10	tm	TMILSDPOL
27409	6b11	tm	TMFC_OPRTK
27411	6b13	tm	TMRMSDBINIT
27413	6b15	tm	TMCRT_TIMER
27414	6b16	tm	TMREAD_MM
27415	6b17	tm	TMISMRSM
27417	6b19	tm	TMIST_TRUNK
27418	6b1a	tm	TMRDLI
27419	6b1b	tm	TMNOQMSG
27420	6b1c	tm	TMISM_GLOBAL
27421	6b1d	tm	TMBAD_LMSG
27422	6b1e	tm	TMBD_EVNT
27423	6b1f	tm	TMBAD_SMSG

27424	6b20	tm	TMBD_SM
27425	6b21	tm	TMBD_ACTN
27426	6b22	tm	TMBD_DLT_DATA
27427	6b23	tm	TMBD_JOB
27428	6b24	tm	TMBD_MATESM
27429	6b25	tm	TMBD_DESTSM
27430	6b26	tm	TMBDATCN
27431	6b27	tm	TMICRFT_MSG
27432	6b28	tm	TMISMHSMDLI
27433	6b29	tm	TMBD_OOSDLI
27434	6b2a	tm	TMTMS_INTER
27436	6b2c	tm	TMBD_MSG
27437	6b2d	tm	TMIV_REFR
27438	6b2e	tm	TMSDLI
27439	6b2f	tm	TMRTSMBLK
27441	6b31	tm	TMLOAD_IST
27442	6b32	tm	TMBD_ISMTYPE
27443	6b33	tm	TMNOISMPH
27444	6b34	tm	TMDPB4ISM
27445	6b35	tm	TMISMSEND
27446	6b36	tm	TMUNXP_TIMER
27447	6b37	tm	TMBD_ACK
27448	6b38	tm	TMBD_RESP
27449	6b39	tm	TMCR_ABRT
27450	6b3a	tm	TMBDIN_MSG
27452	6b3c	tm	TMUNK_SM
27454	6b3e	tm	TM_MODATT
27455	6b3f	tm	TMDALHPTPN
27456	6b40	tm	TMDATPSTAT
27457	6b41	tm	TMDASPTPN
27458	6b42	tm	TMDAMCATPS
27459	6b43	tm	TMDACATPS
27460	6b44	tm	TMINCPTPN
27461	6b45	tm	TMINCPTTP
27462	6b46	tm	TMINCPTLH
27463	6b47	tm	TMGHCATPS
27464	6b48	tm	TMUNLKLH
27465	6b49	tm	TMINSTPS
27466	6b4a	tm	TMINSPTPN
27467	6b4b	tm	TMGETLHD
27468	6b4c	tm	TMUPCAMCA
27469	6b4d	tm	TMFC_PORTYP
27470	6b4e	tm	TMFCPRTERR
27471	6b4f	tm	TMX_ISM
27472	6b50	tm	TMCHKSLCPC
27473	6b51	tm	TMSMIDLSTAT
27474	6b52	tm	TMIDLSTAT
27475	6b53	tm	TMIALENDX
27476	6b54	tm	TMIMXJBS
27477	6b55	tm	TMIFNADD
27478	6b56	tm	TMIFNDEL
27479	6b57	tm	TMIFNURT
27480	6b58	tm	TMAQADPERR
27481	6b59	tm	TMAQDAPERR
27482	6b5a	tm	TMAQMODERR
27484	6b5c	tm	TMOPDBPARM
27498	6b6a	tm	TMPHRTCONG
27501	6b6d	tm	TMFACPROV
27502	6b6e	tm	TMSMEST
27503	6b6f	tm	TMUPDSMEST
27504	6b70	tm	TMINVPROT
27505	6b71	tm	TMS96EQUIP
27509	6b75	tm	TMSLEQUIP
27511	6b77	tm	TMTEDBLNK
27512	6b78	tm	TMPMUXPMSG
27513	6b79	tm	TMINCINTDATA
27514	6b7a	tm	TMOSARGUMENT
27515	6b7b	tm	TMOSCREATE
27516	6b7c	tm	TMOSTIMER
27518	6b7e	tm	TMIMTRKG
27519	6b7f	tm	TMIMT_KS
27520	6b80	tm	TMIMTCKT

27521	6b81	tm	TMDPBINIT
27522	6b82	tm	TMITDC
27523	6b83	tm	TMITAC
27524	6b84	tm	TMPSTRK_L2
27525	6b85	tm	TMITIS
27526	6b86	tm	TMXDSLEQUIP
27527	6b87	tm	TMPTRMTPER
27528	6b88	tm	TMEISSDBERR
27529	6b89	tm	TMEISSTCHK
27530	6b8a	tm	TMEISMSGER
27531	6b8b	tm	TMEISDEBUG
27532	6b8c	tm	TMEISDYERR
27533	6b8d	tm	TMPORTBUSY
27534	6b8e	tm	TMNODSLEQUIP
27535	6b8f	tm	TMFACSTAT
27536	6b90	tm	TMNOLPT_PT
27537	6b91	tm	TMNOFC_LINE
27538	6b92	tm	TMNOFC_PORT
27539	6b93	tm	TMNOL_SPID
27540	6b94	tm	TMNOSPID
27541	6b95	tm	TMNOPSX25LN
27542	6b96	tm	TMEQUIPLPT
27543	6b97	tm	TMCKTLPORT
27544	6b98	tm	TMODPLPORT
27545	6b99	tm	TMPPDLPORT
27546	6b9a	tm	TMNOCKTSOP
27547	6b9b	tm	TMNOODPSOP
27548	6b9c	tm	TMNOPPDSOP
27549	6b9d	tm	TMPORTIS
27550	6b9e	tm	TMBLRFULL
27552	6ba0	tm	TMEINOREP
27553	6ba1	tm	TMETIMOUT
27554	6ba2	tm	TMEHBFLR
27555	6ba3	tm	TMEPREMT
27556	6ba4	tm	TMEITRSLT
27557	6ba5	tm	TMEIMSGLE
27558	6ba6	tm	TMEPRNVLD
27560	6ba8	tm	TME_MSUNEX
27561	6ba9	tm	TMEI_NORD
27562	6baa	tm	TMBADMAP
27563	6bab	tm	TM_EDDKBD
27564	6bac	tm	TM_EISYSER
27565	6bad	tm	TMEIS_DDUNX
27566	6bae	tm	TMEIS_PSUNX
27567	6baf	tm	TM_DD SMFR
27568	6bb0	tm	TM_DDEIFR
27570	6bb2	tm	TM3INCDATA
27571	6bb3	tm	TMUSNOPRTLA
27572	6bb4	tm	TMELNK_KEY
27573	6bb5	tm	TMEIDSLNRD
27574	6bb6	tm	TMLS_LNK
27575	6bb7	tm	TMLS_GRP
27576	6bb8	tm	TMLGRPMEM
27577	6bb9	tm	TMLNKP_LS
27578	6bba	tm	TMGSM_OPC
27579	6bbb	tm	TMLNKGRP
27580	6bbc	tm	TMICLKGRP

18. 5E11 Numeric Index: 27581-28440

ERROR CODE	PRM CODE	RANGE	MNEMONIC
27581	6bbd	tm	TMDPC_DPCI
27582	6bbe	tm	TMDPC_INFO
27583	6bbf	tm	TMAPC_INFO
27584	6bc0	tm	TMPMTHUD
27585	6bc1	tm	TMSDLCOTYP
27590	6bc6	tm	TMSDLLPTYPE
27591	6bc7	tm	TMPORTCOND
27592	6bc8	tm	TMVPIDB
27594	6bca	tm	TMBADSDLREQ
27602	6bd2	tm	TMGLUPDERR

27604	6bd4	tm	TMCNTFDASP
27612	6bdc	tm	TMEIS_SM
27613	6bdd	tm	TMGLEISEQ
27614	6bde	tm	TMUXR_GDCHK
27615	6bdf	tm	TMGLESNXPR
27620	6be4	tm	TMPMFACINT
27623	6be7	tm	TMINVREQ
27624	6be8	tm	TMEQUIPPORT
27625	6be9	tm	TMNOEQUIPDSL
27626	6bea	tm	TMNOGROUP_P
27627	6beb	tm	TMNOLOCEQ
27628	6bec	tm	TMCCSCADN
27629	6bed	tm	TMNOCCODE
27630	6bee	tm	TMNOAMPCI7GR
27631	6bef	tm	TMNOPCI7GR
27632	6bf0	tm	TMNOMODATT
27633	6bf1	tm	TMNOMTBS96
27634	6bf2	tm	TMNOPICB
27635	6bf3	tm	TMNOPRT_GRP
27636	6bf4	tm	TMNOFC_TRUNK
27637	6bf5	tm	TMNORC_EQLOC
27638	6bf6	tm	TMNOROUT
27639	6bf7	tm	TMNORT_TRKG
27640	6bf8	tm	TMPC_MSUSG
27641	6bf9	tm	TMPRT6LAB
27642	6bfa	tm	TMPRT7LAB
27643	6bfb	tm	TMTGRPRK
27654	6c06	tm	TMUPDCADN
27655	6c07	tm	TMRDTARD
27656	6c08	tm	TMGETISMDB
27661	6c0d	tm	TMDF2THRS
27662	6c0e	tm	TMFPMFAIL
27663	6c0f	tm	TMHISDFIPM
27664	6c10	tm	TMPRTCLS
27665	6c11	tm	TMERR_DSLEQ
27666	6c12	tm	TMFTH_LIT
27667	6c13	tm	TMRLFACPM
27668	6c14	tm	TMPMFACGRP
27670	6c16	tm	TMFACTHRSH
27671	6c17	tm	TMRT2DS1
27672	6c18	tm	TMNOTG2SM
27673	6c19	tm	TMBADTG2SM
27674	6c1a	tm	TMBADCGATYP
27676	6c1c	tm	TMS96ABSIG
27677	6c1d	tm	TMCRT2DS1
27679	6c1f	tm	TMWDBRD_FAIL
27680	6c20	tm	TMRT_MISC
27681	6c21	tm	TMRTLAPD
27682	6c22	tm	TMPROVERR
27683	6c23	tm	TMPROVUERR
27685	6c25	tm	TMPMDSLGRP
27686	6c26	tm	TMPMTHRESH
27687	6c27	tm	TMLLM_IDCU
27688	6c28	tm	TMPVMAPINIT
27690	6c2a	tm	TMCKT_PORT
27691	6c2b	tm	TMUNIT_CKT
27696	6c30	tm	TMSTADDFAIL
27697	6c31	tm	TMA_NOPID
27698	6c32	tm	TMPRIINVD
27699	6c33	tm	TMPRI_GRP
27700	6c34	tm	TMDCHN_PRI
27701	6c35	tm	TMPRI_FACS
27702	6c36	tm	TMPRISTINV
27708	6c3c	tm	TMAUDPDA
27709	6c3d	tm	TMAUNOTEILA
27710	6c3e	tm	TMAUDALB
27711	6c3f	tm	TMAUAPDU
27712	6c40	tm	TMAURMSGBUF
27713	6c41	tm	TMINV_APMTYP
27714	6c42	tm	TMA_NOSIG
27715	6c43	tm	TMAUNODALB
27716	6c44	tm	TMDBRDFAIL

27717	6c45	tm	TMUPDERR
27720	6c48	tm	TMQUEFULL
27721	6c49	tm	TMFAC_PROV
27722	6c4a	tm	TMAUANQ
27723	6c4b	tm	TMASHTERM
27724	6c4c	tm	TMNODSCNLUP
27725	6c4d	tm	TMGRSORIG
27726	6c4e	tm	TMGRSBUFFUL
27727	6c4f	tm	TMLAB7PRT
27728	6c50	tm	TM7UBLERR
27729	6c51	tm	TMOUTCINDX7
27730	6c52	tm	TMNODS1_PT
27731	6c53	tm	TMC7ERR
27732	6c54	tm	TME7ERR
27733	6c55	tm	TMP7ERR
27734	6c56	tm	TMT7ERR
27735	6c57	tm	TMGLRDERR
27736	6c58	tm	TMMC7TZAP
27737	6c59	tm	TMMC7IFAIL
27738	6c5a	tm	TMMC7TFULL
27739	6c5b	tm	TMIPCI7LAB
27740	6c5c	tm	TMGRSFAIL
27741	6c5d	tm	TMTRANBAD
27742	6c5e	tm	TMMCAHPTLA
27743	6c5f	tm	TMGL7ERR
27744	6c60	tm	TMDCOND
27745	6c61	tm	TMGDSFFAIL
27746	6c62	tm	TMCGALIST
27747	6c63	tm	TMCGACKT
27748	6c64	tm	TMCGAPORT
27749	6c65	tm	TMCGAC2R
27750	6c66	tm	TMCGAREL
27751	6c67	tm	TMCGABLIST
27752	6c68	tm	TMAUSMEST
27753	6c69	tm	TMNOCKTDATA
27756	6c6c	tm	TMRPCU2NDN
27850	6cca	up	UPIMTVSV
27851	6ccb	up	UPIMDESV
27852	6ccc	up	UPIMHSER
27853	6ccd	up	UPBADMH
27854	6cce	up	UPDFADRER
27855	6ccf	up	UPIMCDTVM
27856	6cd0	up	UPIMCTTVM
27857	6cd1	up	UPIMCTX
27858	6cd2	up	UPIMCHMM
27859	6cd3	up	UPIMCHADR
27860	6cd4	up	UPIMCHEQU
27861	6cd5	up	UPIMCH2K
27862	6cd6	up	UPIMCDA
27863	6cd7	up	UPIMRIBH
27864	6cd8	up	UPIMRBIH
27865	6cd9	up	UPIMRRBH
27866	6cda	up	UPIMRD
27867	6cdb	up	UPIMRIL
27868	6cdc	up	UPCPLIST
27869	6cdd	up	UPIMLIST
27870	6cde	up	UPFAPFAIL
27871	6cdf	up	UPPHMSGERR
27872	6ce0	up	UPBADCKT
27873	6ce1	up	UPBADPICB
27874	6ce2	up	UPPHN2PH
27875	6ce3	up	UPCKT2CX
27876	6ce4	up	UPBADADDR
27877	6ce5	up	BADSMPADDR
27878	6ce6	up	UPBADMODE
27879	6ce7	up	UPODRULK
27880	6ce8	up	UPUNITCKT
27881	6ce9	up	UPCKTDATA
27882	6cea	up	UPBADSMEST
27883	6ceb	up	UPBADSTAT
27884	6cec	up	UPDNCKT
27885	6ced	up	UPSMEST

27886	6cee	up	UPTMXMSG
27950	6d2e	ut	UTLAST
27975	6d47	ama	AMBADMSG
27976	6d48	ama	AMREASERR
27977	6d49	ama	AMTIMETOL
27978	6d4a	ama	AMINVRSN
27979	6d4b	ama	AMINVMSG
27980	6d4c	ama	AMIMBUFFPTR
27981	6d4d	ama	AMIMENTRY
27982	6d4e	ama	AMIMINVSCM
27983	6d4f	ama	AMCPIVSEMSG
27984	6d50	ama	AMCPRECSLOST
27985	6d51	ama	AMCPTRSTATE
27986	6d52	ama	AMCPWRSTATE
27987	6d53	ama	AMCPSQSTATE
27988	6d54	ama	AMCPTPSPP
27989	6d55	ama	AMWTSAMEMPTR
27990	6d56	ama	AMRDSAMEMPTR
27991	6d57	ama	AMSEDESTBAD
27992	6d58	ama	AMBCSTINUSE
27993	6d59	ama	AMBCSTFAIL
27994	6d5a	ama	AMBADDTRIG
27995	6d5b	ama	AMTRTOFAIL
27996	6d5c	ama	AMMDRGPBAD
27997	6d5d	ama	AMMDRSMAPID
27998	6d5e	ama	AMMDRQADD
27999	6d5f	ama	AMMDRQDIST
28000	6d60	ama	AMMDRAMAPID
28001	6d61	ama	AMLPTFRD
28002	6d62	ama	AMINVFCA
28003	6d63	ama	AMFCAXIT
28014	6d6e	ama	AMINVLCOMB
28015	6d6f	ama	AMKINVMSG
28016	6d70	ama	AMKBADPTRS
28017	6d71	ama	AMKINVRSN
28018	6d72	ama	AMKNOPVC
28019	6d73	ama	AMKNOLDVC
28020	6d74	ama	AMKINVTMR
28021	6d75	ama	AMKMDRMERR
28022	6d76	ama	AMKSNDERR
28023	6d77	ama	AMKINVRATE
28024	6d78	ama	AMKINVSGSZ
28025	6d79	ama	AMINVLCC
28026	6d7a	ama	AMINVRCL
28027	6d7b	ama	AMNSBADCODE
28030	6d7e	ama	AMVMRNG
28048	6d90	ama	AMAICRFULL
28049	6d91	ama	AMAINVTIMER
28050	6d92	ama	AMASETIMER
28052	6d94	ama	AMCNDFUP
28067	6da3	ama	AMFRDTUPFAIL
28068	6da4	ama	AMKINVDNIC
28069	6da5	ama	AMICIXSTFST
28070	6da6	ama	AMICIXNXT
28071	6da7	ama	AMCNDFIN
28072	6da8	ama	AMCNDFDL
28073	6da9	ama	AMCNDSTFST
28074	6daa	ama	AMCNDSTNXT
28075	6dab	ama	AMFCLNFRD
28076	6dac	ama	AMLTPTRD
28077	6dad	ama	AMLASSEV
28078	6dae	ama	AMCNDDA
28079	6daf	ama	AMCNDFRD
28081	6db1	ama	AMBADSCFAM
28084	6db4	ama	AMDNWATSFAL
28088	6db8	ama	AMCPNBNCNT
28089	6db9	ama	AMPSX25LN
28090	6dba	ama	AMPSBILLDN
28091	6dbb	ama	AMOFFICECODE
28092	6dbc	ama	AMODBERR
28093	6dbd	ama	AMCLASSFT
28094	6dbe	ama	AMSDALTM

28095	6dbf	ama	AMSCALTM
28096	6dc0	ama	AMSCRLTM
28097	6dc1	ama	AMSCFLTM
28098	6dc2	ama	AMISTMSTFST
28099	6dc3	ama	AMISTMNXT
28100	6dc4	ama	AMINSPFIN
28101	6dc5	ama	AMINSPDA
28102	6dc6	ama	AMINSPFDL
28103	6dc7	ama	AMINPCNT
28105	6dc9	ama	AMEDSLSTFST
28106	6dca	ama	AMEDSLNXT
28107	6dcb	ama	AMPCNMFIN
28108	6dcc	ama	AMPCNAM
28109	6dcd	ama	AMPCNMFDL
28110	6dce	ama	AMPCNMCNT
28111	6dcf	ama	AMEDSLFRD
28129	6de1	ama	AMPMDRAPID
28130	6de2	ama	AMBCLFRD
28131	6de3	ama	AMBCGFRD
28132	6de4	ama	AMBCLSTFST
28133	6de5	ama	AMBCGSTFST
28134	6de6	ama	AMBCLFDL
28135	6de7	ama	AMBCGFDL
28136	6de8	ama	AMBCLFUP
28137	6de9	ama	AMBCGFUP
28138	6dea	ama	AMBCLSTNXT
28139	6deb	ama	AMBCGSTNXT
28140	6dec	ama	AMBCLFIN
28141	6ded	ama	AMBCGFIN
28142	6dee	ama	AMBCLDA
28143	6def	ama	AMBCGDA
28144	6df0	ama	AMLTMNXT
28145	6df1	ama	AMMHTGNXT
28146	6df2	ama	AMLTMFST
28147	6df3	ama	AMMHTGFST
28149	6df5	ama	AMCNAMFUP
28150	6df6	ama	AMCNAMFIN
28151	6df7	ama	AMCNAMUFUP
28152	6df8	ama	AMCNAMFDL
28153	6df9	ama	AMCNMSTFST
28154	6dfa	ama	AMCNMSTNXT
28155	6dfb	ama	AMFCCNMFRD
28156	6dfc	ama	AMLTMCNFRD
28157	6dfd	ama	AMCNAMDA
28158	6dfe	ama	AMCNAMFRD
28159	6dff	ama	AMCNAMINT
28160	6e00	ama	AMCNAMERR
28161	6e01	ama	AMCNAMDB
28162	6e02	ama	AMKNOBDN
28163	6e03	ama	AMKUMTYP
28165	6e05	ama	AMFRDMHTG
28171	6e0b	ama	AMOSPDAGT
28174	6e0e	ama	AMCWPTRD
28176	6e10	cra	CRA_1_ASRT
28177	6e11	cra	CRA_2_ASRT
28178	6e12	cra	CRA_3_ASRT
28180	6e14	cra	CRA_5_ASRT
28182	6e16	cra	CRA_7_ASRT
28184	6e18	cra	CRA_FF_BCI
28186	6e1a	cra	CRA_11_ASRT
28187	6e1b	cra	CRA_12_ASRT
28188	6e1c	cra	CRA_13_ASRT
28189	6e1d	cra	CRA_14_ASRT
28190	6e1e	cra	CRA_15_ASRT
28191	6e1f	cra	CRA_16_ASRT
28193	6e21	cra	CRACRIDX
28195	6e23	cra	CRA_20_ASRT
28196	6e24	cra	CRA_21_ASRT
28197	6e25	cra	CRA_22_ASRT
28203	6e2b	cra	CRA_28_ASRT
28204	6e2c	cra	CRA_29_ASRT
28230	6e46	cra	CRAUXDAGT

28232	6e48	cra	CRBNSIDX
28233	6e49	cra	CRBNSBILL
28234	6e4a	cra	CRBQRYCNT
28235	6e4b	cra	CRINNSBL
28237	6e4d	cra	CRAUXEXRS
28238	6e4e	cra	CRAUXFARI
28239	6e4f	cra	CRAUXFATI
28240	6e50	cra	CRAUXLOSP
28241	6e51	cra	CRAUXOOR
28242	6e52	cra	CRAUXUOSP
28243	6e53	cra	CRBADARG
28244	6e54	cra	CRINSDYN
28245	6e55	cra	CROSPDAGT
28246	6e56	cra	CROSPEXRS
28247	6e57	cra	CROSPFARI
28248	6e58	cra	CROSPFATI
28249	6e59	cra	CRRGLPRM
28250	6e5a	cra	CRUGLPRM
28251	6e5b	cra	CRDELDYN
28252	6e5c	cra	CRA_4_ASRT
28253	6e5d	cra	CRA_6_ASRT
28254	6e5e	cra	CRA_8_ASRT
28255	6e5f	cra	CRA_10_ASRT
28256	6e60	cra	CRA_23_ASRT
28257	6e61	cra	CRA_24_ASRT
28258	6e62	cra	CRA_25_ASRT
28259	6e63	cra	CRA_26_ASRT
28260	6e64	cra	CRA_27_ASRT
28261	6e65	cra	CRA_30_ASRT
28262	6e66	cra	CRBCR_NS
28264	6e68	cra	CROCRGET
28265	6e69	cra	CRGETPCBLA
28425	6f09	opsp	SIOPSMFAIL
28426	6f0a	opsp	SIOPINVKEY
28427	6f0b	opsp	SIOPINVREAS
28428	6f0c	opsp	SIOPWMFAIL
28429	6f0d	opsp	SIOPUNMSG
28430	6f0e	opsp	SIOPINVSTATE
28431	6f0f	opsp	SIOPBBUSY
28432	6f10	opsp	SIOPBREADY
28433	6f11	opsp	SIOPBSETUP
28434	6f12	opsp	SIOPBFINIT
28435	6f13	opsp	SIOPBFPMP
28436	6f14	opsp	SIOPINVCC
28438	6f16	opsp	SIOPMSGID
28439	6f17	opsp	SIOPHSRGBAD
28440	6f18	opsp	SIOPPRSTATE

19. 5E11 Numeric Index: 28441-29150

ERROR CODE	PRM CODE	RANGE	MNEMONIC
28442	6f1a	opsp	SIOFLBAD
28443	6f1b	opsp	SIOPDDFAIL
28444	6f1c	opsp	SIOPRNGFAIL
28445	6f1d	opsp	SIOPDBBAD
28446	6f1e	opsp	SITERMREAS
28447	6f1f	opsp	SIOPREQTYPINV
28448	6f20	opsp	IN2KALIGN
28449	6f21	opsp	SIBADOPTYPE
28450	6f22	opsp	SINIPINVODRID
28625	6fd1	ccs	CCSP_ENTRY
28626	6fd2	ccs	CCMG_BAD
28627	6fd3	ccs	CCNM_BAD
28628	6fd4	ccs	CCDATA_BAD
28629	6fd5	ccs	CCDARI_BAD
28630	6fd6	ccs	CCCHKOPEN
28631	6fd7	ccs	CCCHIOCTL
28632	6fd8	ccs	CCCHGWBUF
28633	6fd9	ccs	CCCHRECV
28634	6fda	ccs	CCCHXMIT
28635	6fdb	ccs	CCCHRTN

28636	6fdc	ccs	CCDDW_BAD
28637	6fdd	ccs	CCMSGQFAIL
28638	6fde	ccs	CCBADDTRG
28639	6fdf	ccs	CCNOBUF
28640	6fe0	ccs	CCDDFAIL
28641	6fe1	ccs	CCFAPRET
28642	6fe2	ccs	CCNOTQ
28643	6fe3	ccs	CCNOTMR
28644	6fe4	ccs	CCDBERR
28645	6fe5	ccs	CCBADSTATE
28646	6fe6	ccs	CCBADMSG
28647	6fe7	ccs	CCP6LABERR
28648	6fe8	ccs	CCBADUPART
28649	6fe9	ccs	CCP7LABERR
28650	6fea	ccs	CCBADDATA
28651	6feb	ccs	CCNORPB
28652	6fec	ccs	CCLABP7ERR
28653	6fed	ccs	CCOS_BAD
28654	6fee	ccs	CCCLASS_BAD
28655	6fef	ccs	CCPORTBAD
28656	6ff0	ccs	CCFOWNPC
28657	6ff1	ccs	CCDESTROY
28658	6ff2	ccs	CCUNKTDTP
28659	6ff3	ccs	CCBADLEN
28660	6ff4	ccs	CCBADDPC
28661	6ff5	ccs	CCSND_KILL
28662	6ff6	ccs	CCNOLINK
28663	6ff7	ccs	CCSLTEST
28664	6ff8	ccs	CCNO_TDTP
28665	6ff9	ccs	CCSND_NOKILL
28666	6ffa	ccs	CCPTDP
28667	6ffb	ccs	CCLS_STAT
28668	6ffc	ccs	CCLNK_STAT
28669	6ffd	ccs	CCPCLSLNK
28670	6ffe	ccs	CCDPC_STAT
28671	6fff	ccs	CCLNK_NF
28672	7000	ccs	CCLKTSTTBL
28673	7001	ccs	CCQPHWQERR
28674	7002	ccs	CCS7MDB
28675	7003	ccs	CCTRANSER
28685	700d	ccs	CCINIT_BAD
28686	700e	ccs	CCDBPORTYP_BAD
28687	700f	ccs	CCNOTERMPROC
28688	7010	ccs	CCNOCCMSG
28689	7011	ccs	CCIS6MSG_BAD
28690	7012	ccs	CCISUPMSG_BAD
28691	7013	ccs	CCDBLAB6_BAD
28692	7014	ccs	CCRETCODE_BAD
28693	7015	ccs	CCDBPCI_BAD
28694	7016	ccs	CCAMTOUP_BAD
28695	7017	ccs	CCDPC_ORDER
28696	7018	ccs	CCIMS3BRD
28697	7019	ccs	CCIMS3BWT
28698	701a	ccs	CCIMSBFR
28699	701b	ccs	CCIMSOPEN
28700	701c	ccs	CCIMSWRT
28701	701d	ccs	CCIPMHD
28702	701e	ccs	CCOSWAKE
28703	701f	ccs	CCOS_DEL
28704	7020	ccs	CCTRSPENT
28705	7021	ccs	CCRNBF OV
28707	7023	ccs	CCPSIU_FAIL
28708	7024	ccs	CCXNOMSG
28709	7025	ccs	CCNONREASON
28711	7027	ccs	CCADSIENT
28712	7028	ccs	CCADSIUMSG
28713	7029	ccs	CCDSICRPT
28714	702a	ccs	CCDSIIENT
28715	702b	ccs	CCDSIINSPRC
28716	702c	ccs	CCDSIUSG
28717	702d	ccs	CCJBUFBAD
28718	702e	ccs	CCBADEVENT

28719	702f	CCS	CCBADJOB
28720	7030	CCS	CCMSGNSENT
28721	7031	CCS	CCNORESP
28722	7032	CCS	CCBADODD
28723	7033	CCS	CCNOPHUPD
28726	7036	CCS	CCDDBINIT
28727	7037	CCS	CCDDBMPRO
28728	7038	CCS	CCDDBMSG
28729	7039	CCS	CCDDBOPER
28730	703a	CCS	CCDDBRCMP
28731	703b	CCS	CCDDBRELID
28732	703c	CCS	CCDDBUNPRO
28733	703d	CCS	CCNOBFR
28734	703e	CCS	CCNOQUE
28735	703f	CCS	CCTRIG_BREL
28736	7040	CCS	CCTRIG_ROP
28737	7041	CCS	CCSND1TTY
28738	7042	CCS	CCSND2TTY
28739	7043	CCS	CCSND3TTY
28740	7044	CCS	CCHMACK
28742	7046	CCS	CCUXPMSG
28743	7047	CCS	CCSLMTST
28744	7048	CCS	CCRLMDPATH
28745	7049	CCS	CCNRESTTY
28746	704a	CCS	CCNMSGTTY
28747	704b	CCS	CCCTPTTY
28748	704c	CCS	CCUXPTTY
28749	704d	CCS	CCBADTTY
28750	704e	CCS	CCBADFC_TRUNK
28757	7055	CCS	XCCSBADMSG
28759	7057	CCS	CCMGTYPE_BAD
28760	7058	CCS	CCDBLAB7_BAD
28761	7059	CCS	CCLAB6PCI
28762	705a	CCS	CCDSISND
28765	705d	CCS	CCQPHUNINIT
28768	7060	CCS	CCUPDSTPDB
28769	7061	CCS	CCRDTP
28770	7062	CCS	CCNODLNMSG
28771	7063	CCS	CCBTC_AP
28772	7064	CCS	CCBTC_SS
28773	7065	CCS	CCTCBLN
28774	7066	CCS	CCSSNIS
28775	7067	CCS	CCSSNOOS
28785	7071	CCS	CCQSLSNOMATCH
28786	7072	CCS	CC_CCSSTPDB
28787	7073	CCS	CC_SNDISSETUP
28794	707a	CCS	CCOSRETURN
28797	707d	CCS	CCNO_SCMG
28803	7083	CCS	CCBADRC
28804	7084	CCS	CCSTATE_INVL
28806	7086	CCS	CCDCSIBADENTRY
28820	7094	CCS	CCBADAPXMSG
28822	7096	CCS	CCLSLNK
28823	7097	CCS	CCWBTBLOCK
28824	7098	CCS	CCDCSIBDEVNT
28825	7099	CCS	CCDPCTAB
28826	709a	CCS	CCLSTAB
28827	709b	CCS	CCINVMSG
28828	709c	CCS	CCBAD_COS
28829	709d	CCS	CCQPHODDBAD
28831	709f	CCS	CCBADTID
28832	70a0	CCS	CCBADACT
28833	70a1	CCS	CCBADICT
28834	70a2	CCS	CCODDBAD
28835	70a3	CCS	CCTBLFUL
28836	70a4	CCS	CCOSBCSTFAIL
28837	70a5	CCS	CCBADKEY
28838	70a6	CCS	CCRETRN
28842	70aa	CCS	CCTYP_CI_CALL
28850	70b2	CCS	CCCRBAD
28851	70b3	CCS	CCCRBADN
28852	70b4	CCS	CCNONALNK

28856	70b8	ccs	CCGETRDB
28857	70b9	ccs	CCGETXPT
28858	70ba	ccs	CCGETRST
28860	70bc	ccs	CCRDBXPT
28861	70bd	ccs	CCRDBRST
28863	70bf	ccs	CCRDBMDB
28864	70c0	ccs	CCMDBLSS
28865	70c1	ccs	CCLSSMDB
28870	70c6	ccs	CCUNINIT
28871	70c7	ccs	CCINVCONV
28872	70c8	ccs	CCSSBAD
28873	70c9	ccs	CCTCSCCP
28874	70ca	ccs	CCTCTRANS
28875	70cb	ccs	CCTCCOMP
28876	70cc	ccs	CCNOGSMRQ
28877	70cd	ccs	CCPROTERR
28881	70d1	ccs	CCVERBER
28882	70d2	ccs	CCBADPSUEVNT
28883	70d3	ccs	CCBADREQ
28885	70d5	ccs	CCSNDBAD
28887	70d7	ccs	CCAPXBADDATA
28888	70d8	ccs	CCADDLSMCC
28889	70d9	ccs	CCDELLSMCC
28890	70da	ccs	CCDSLEQUIP
28891	70db	ccs	CCINVLSDF
28892	70dc	ccs	CCHMMCCMUPD
28893	70dd	ccs	CCINVMCCACT
28895	70df	ccs	CCITT7LSMCC
28896	70e0	ccs	CCMCCSTATE
28897	70e1	ccs	CCPORTLA
28899	70e3	ccs	CCOFF_PAR
28900	70e4	ccs	CCINVPAGE
28901	70e5	ccs	CCT7NOTLOADED
28902	70e6	ccs	CCINVGSM
28903	70e7	ccs	CCGSMNET
28904	70e8	ccs	CCNETGSM
28905	70e9	ccs	CCILSDPOL
28906	70ea	ccs	CCPRST_BAD
28907	70eb	ccs	CCTFPR_DPC
28908	70ec	ccs	CCPHRDERR
28909	70ed	ccs	CCS7PSA
28910	70ee	ccs	CCDBPRT_PCI_BAD
28911	70ef	ccs	CCDBRT_TRKG_BAD
28912	70f0	ccs	CCSIGTYPE_RT_TRKG
28913	70f1	ccs	CCHMMCCUPD
28914	70f2	ccs	CCINVMCFLAG
28915	70f3	ccs	CCHMMCCPT
28916	70f4	ccs	CCALLOCERR
28917	70f5	ccs	CCQUEUEMNERR
28918	70f6	ccs	CCSRETURN
28919	70f7	ccs	CCNTFYFAIL
28920	70f8	ccs	CCFCCC_ISC
28921	70f9	ccs	CCSDNBRET
28922	70fa	ccs	CCINCLS
28923	70fb	ccs	CCINCLNK
28930	7102	ccs	CCGSMPTERR
28931	7103	ccs	CCBADSRCH
28933	7105	ccs	CCBADCPSTATE
28934	7106	ccs	CCSSDSP_ENTRY
28935	7107	ccs	CCSSD_FULL
28936	7108	ccs	CCSSD_OSWBAD
28937	7109	ccs	CCSSD_TAGBAD
28938	710a	ccs	CCSDAU_SPP
28939	710b	ccs	CCSDRQ_SPP
28940	710c	ccs	CCNOCHKINTMR
28941	710d	ccs	CCMTPINITFAIL
28942	710e	ccs	CCDATIMER
28944	7110	ccs	CCLGRPMEM
28946	7112	ccs	CCCLS_STAT
28947	7113	ccs	CCCKTCDDIG
28948	7114	ccs	FCPCC_CC
28949	7115	ccs	CCBLNDAS

28950	7116	CCS	CCBGRPNET
28951	7117	CCS	CCBNETGRP
28952	7118	CCS	CCLNBRET
28953	7119	CCS	CCLNPKG
28954	711a	CCS	CCSDNPKG
28955	711b	CCS	CCASPNLOAD
28956	711c	CCS	CCUNEXP_STATE
28957	711d	CCS	CCBADNS_TN
28958	711e	CCS	CCINVSLSTAT
28959	711f	CCS	CCINVSDL
28960	7120	CCS	CCGSMTBL
28961	7121	CCS	CCDLNINV
28963	7123	CCS	CCFIXITY
28964	7124	CCS	CCMPCTABL
28965	7125	CCS	CCMSGVAL
28971	712b	CCS	CCCLDNOA
28972	712c	CCS	CCINVFCOS
28973	712d	CCS	CCINVCIRCODE
28974	712e	CCS	CCSIG_CICALL
28975	712f	CCS	CCINVROLE
28977	7131	CCS	CCGETDPB
28978	7132	CCS	CCMDUNKACT
28979	7133	CCS	CCAODRBAD
28980	7134	CCS	CCRDICCSST
28981	7135	CCS	CCDBSYSERR
28982	7136	CCS	CCACBADMSG
28983	7137	CCS	CCTMMC7SNDRET
28984	7138	CCS	CCPKTINVAL
28985	7139	CCS	CCSCVERE
28986	713a	CCS	CCNMMBGBK
28987	713b	CCS	CCTRANBAD
28988	713c	CCS	CCZOMBIE
28989	713d	CCS	CCTPTBDP
28990	713e	CCS	CCMBG2BG
28991	713f	CCS	CCRT_TG
28992	7140	CCS	CCMBG2TG
28993	7141	CCS	CCXPSYNC
28994	7142	CCS	CCOC_UNKFAC
28995	7143	CCS	CCPORTCOND
28996	7144	CCS	CCHMERR
28997	7145	CCS	CCSNOTUP
28998	7146	CCS	CCSDPCSSN
28999	7147	CCS	CCTBLDFAIL
29000	7148	CCS	CCINRSPEVNT
29001	7149	CCS	CCJIPFL
29002	714a	CCS	CCFCAOVFL
29009	7151	CCS	CCBADAMTKGP
29010	7152	CCS	CCBADAMCMCID
29011	7153	CCS	CCOSPSMON
29013	7155	CCS	CCINVPLAT
29014	7156	CCS	CCPLATINV
29015	7157	CCS	CCHOPCNT
29016	7158	CCS	CCEXCHRTG
29047	7177	CCS	CC_MSGBAD
29048	7178	CCS	CCTRMFEAT
29066	718a	CCS	CCDNFEAT
29075	7193	CCS	CCVQIDERR
29076	7194	CCS	CCINCGRP
29077	7195	CCS	CCSMMIBF
29078	7196	CCS	CCSMUNXM
29079	7197	CCS	CCSMMRDF
29080	7198	CCS	CCSMRSTR
29081	7199	CCS	CCSMMDLI
29082	719a	CCS	CCSMMIBM
29083	719b	CCS	CCSMEMQC
29084	719c	CCS	CCSMEMQE
29085	719d	CCS	CCSMEMQF
29086	719e	CCS	CCSMIMBF
29087	719f	CCS	CCSMMSGI
29088	71a0	CCS	CCSMMSTI
29089	71a1	CCS	CCSMSFRC
29090	71a2	CCS	CCSMTMRR

29091	71a3	CCS	CCSMEMQP
29092	71a4	CCS	CCSMPARG
29093	71a5	CCS	CCSMSJNS
29094	71a6	CCS	CCSMTMRL
29096	71a8	CCS	CCSCBADADDR
29097	71a9	CCS	CCSCBADLGTH
29098	71aa	CCS	CCSCBADMSG
29099	71ab	CCS	CCNOSCMT
29100	71ac	CCS	CCTABSZE
29102	71ae	CCS	CCCASE_BAD_SW
29103	71af	CCS	CCC7LOSS_INV
29104	71b0	CCS	CCC7RCG_INV
29105	71b1	CCS	CCC7LCG_INV
29111	71b7	CCS	CCSGSMNET
29112	71b8	CCS	CCSINDXI
29113	71b9	CCS	CC_DPCIND
29116	71bc	CCS	CCNA7MSGIN
29117	71bd	CCS	CCBCSTQFL
29118	71be	CCS	CCSSSNINV
29119	71bf	CCS	CCSMDLSTAR
29120	71c0	CCS	CCSFTPSCMG
29123	71c3	CCS	CCSCEMPREL
29124	71c4	CCS	CCSNETGSM
29125	71c5	CCS	CCSBKINV
29126	71c6	CCS	CCCLD_ELAUD
29127	71c7	CCS	CCCNG_ELAUD
29128	71c8	CCS	CCADM_ELAUD
29129	71c9	CCS	CCTAB_ID_BAD
29130	71ca	CCS	CCREASNBAD
29140	71d4	CCS	CCDBDSAPP
29141	71d5	CCS	CCTATYPE
29142	71d6	CCS	CCQIWKEY
29147	71db	CCS	CCTCINVAPP
29148	71dc	CCS	CCPS_CHNG
29150	71de	CCS	CCTBL ERAUD

20. 5E11 Numeric Index: 29151-30250

ERROR CODE	PRM CODE	RANGE	MNEMONIC
29151	71df	CCS	CCTYP ERAUD
29152	71e0	CCS	CCINFOERAUD
29153	71e1	CCS	CCFXDGERR
29154	71e2	CCS	CCPRSQERR
29155	71e3	CCS	CCNTGSMERR
29156	71e4	CCS	CCINSSNERR
29158	71e6	CCS	CCSAEASCCP
29160	71e8	CCS	CCNOMEM
29168	71f0	CCS	CCLNVRT
29172	71f4	CCS	CCNOHSHTIMER
29173	71f5	CCS	CCLOMEMSM
29176	71f8	CCS	CCNOLCK
29178	71fa	CCS	CCFULLDPC
29189	7205	CCS	CCBNS_IDX
29190	7206	CCS	CCBCR_NS
29191	7207	CCS	CCERRAILS
29192	7208	CCS	CCICRMEM
29193	7209	CCS	CCHSHNOTDONE
29194	720a	CCS	CCBDRTSD
29195	720b	CCS	CCINVDPCI
29196	720c	CCS	CCSCNMINFAIL
29197	720d	CCS	CCGSCINIT
29205	7215	CCS	CCBCDOVFL
29214	721e	CCS	CCINSFLSM
29218	7222	CCS	CCS7RDB
29219	7223	CCS	CCBCDGOVFL
29269	7255	CCS	CCBAD_CACHE
29270	7256	CCS	CCBAD_LNK_MNG
29271	7257	CCS	CCBAD2_CACHE
29277	725d	CCS	CCDPCTA2
29278	725e	CCS	CCDPC_S2
29279	725f	CCS	CCDBERR2

29280	7260	ccs	CCINVMRISP
29325	728d	ccs	CCRCGTMR
29326	728e	ccs	CCDPCRCG
29327	728f	ccs	CCCONGTYPE
29330	7292	ccs	CCBADCONGUPD
29332	7294	ccs	CCNOGSMI
29333	7295	ccs	CCGETRCG
29334	7296	ccs	CCLVLCG
29335	7297	ccs	CCGTRCGTMR
29375	72bf	ccs	CCUIDMBGBK
29525	7355	cmram	CMDDLSTATE
29526	7356	cmram	CMDDLTIM
29527	7357	cmram	CMDDLPARAM
29528	7358	cmram	CMDDLPCR
29529	7359	cmram	CMDDLPKT
29530	735a	cmram	CMDDLRETC
29531	735b	cmram	CMDDLRCCLDATA
29532	735c	cmram	CMOSSIGNAL
29533	735d	cmram	CMNOICC
29534	735e	cmram	CMDDLDATA
29535	735f	cmram	CMDDLIDLE
29536	7360	cmram	CMDDLCC
29537	7361	cmram	CMDDLGG
29538	7362	cmram	CMFAC2RCLNUL
29539	7363	cmram	CMCKT2PICBNUL
29755	743b	acd	ACABNCQ
29756	743c	acd	ACABNCQOWN
29757	743d	acd	ACFDCCLTQ
29758	743e	acd	ACFDCNOCT
29759	743f	acd	ACFDCNEG
29760	7440	acd	ACFDCCQ
29761	7441	acd	ACFDSSTQ
29762	7442	acd	ACITGPCR
29763	7443	acd	ACOCNPCR
29764	7444	acd	ACOSTSTQ
29765	7445	acd	ACOSTSRVT
29766	7446	acd	ACOSTNOST
29767	7447	acd	ACREQCLTQ
29768	7448	acd	ACRMCLLF
29769	7449	acd	ACREQSRVT
29770	744a	acd	ACREQNEG
29771	744b	acd	ACREQNOST
29772	744c	acd	ACSFCOLOG
29773	744d	acd	ACSFCNLOG
29774	744e	acd	ACUPDSRV
29775	744f	acd	ACUPDRS
29776	7450	acd	ACUPDAT
29777	7451	acd	ACACDBMG
29778	7452	acd	ACFDCBCT
29779	7453	acd	ACPSAOCR
29780	7454	acd	ACPSASTQ
29781	7455	acd	ACREQNOCT
29782	7456	acd	ACREQBIR
29783	7457	acd	ACREQBFR
29784	7458	acd	ACMTMNOW
29785	7459	acd	ACMTMNOP
29786	745a	acd	ACMTMERR
29787	745b	acd	ACMTMDB
29788	745c	acd	ACCDNOTC
29789	745d	acd	ACCDANTC
29790	745e	acd	ACORNOCT
29791	745f	acd	ACORANCT
29792	7460	acd	ACPSNOST
29793	7461	acd	ACPSANST
29794	7462	acd	ACPTMNWR
29795	7463	acd	ACPTMNPR
29796	7464	acd	ACCDNOTK
29797	7465	acd	ACCDANTK
29798	7466	acd	ACRFNOST
29799	7467	acd	ACRFANST
29800	7468	acd	ACPTMNOW
29801	7469	acd	ACPTMNOP

29802	746a	acd	ACASVSTQ
29803	746b	acd	ACASVPST
29804	746c	acd	ACASVSRVT
29805	746d	acd	ACASVDB
29806	746e	acd	ACBSSTQ
29807	746f	acd	ACBSSRV
29808	7470	acd	ACBSDB
29809	7471	acd	ACBSPST
29810	7472	acd	ACLGNMSG
29811	7473	acd	ACLGNLOG
29812	7474	acd	ACLGSTQ
29813	7475	acd	ACLGTPS
29814	7476	acd	ACLGTSRV
29815	7477	acd	ACLGTD
29816	7478	acd	ACLGTL
29817	7479	acd	ACQCLCQ
29818	747a	acd	ACQCLCLTQ
29819	747b	acd	ACQCLDB
29820	747c	acd	ACRMCCQ
29821	747d	acd	ACRMCCLTQ
29822	747e	acd	ACRMCD
29823	747f	acd	ACSCD
29824	7480	acd	ACSCCLTQ
29825	7481	acd	ACACKPC
29826	7482	acd	ACACKMSG
29827	7483	acd	ACICLCTFO
29828	7484	acd	ACICLCLTQ
29829	7485	acd	ACICLDEF
29830	7486	acd	ACISVSTFO
29831	7487	acd	ACISVSVTM
29832	7488	acd	ACISVDEF
29833	7489	acd	ACILGOLGN
29834	748a	acd	ACILGLOG
29835	748b	acd	ACILGDEF
29836	748c	acd	ACITQPPRT
29837	748d	acd	ACITQSTQ
29838	748e	acd	ACITQDEF
29839	748f	acd	ACITQSVTM
29840	7490	acd	ACITQLNK
29841	7491	acd	ACICQCLTQ
29842	7492	acd	ACICQCQ
29843	7493	acd	ACICQLNK
29844	7494	acd	ACMTQCLTQ
29845	7495	acd	ACMTQSVTM
29846	7496	acd	ACMTQRSTQ
29847	7497	acd	ACMTQRCQ
29848	7498	acd	ACCWTPDB
29849	7499	acd	ACMTQGSTQ
29850	749a	acd	ACMTQGCQ
29851	749b	acd	ACTPEICLQ
29852	749c	acd	ACTPECLTQ
29853	749d	acd	ACTSTSVTM
29854	749e	acd	ACTLGILGN
29855	749f	acd	ACTLGDLGN
29856	74a0	acd	ACTLGLGN
29857	74a1	acd	ACTLGSTQ
29858	74a2	acd	ACTLGSVTM
29859	74a3	acd	ACTLGERRN
29860	74a4	acd	ACTLGRSTQ
29861	74a5	acd	ACTLGTSTQ
29862	74a6	acd	ACTLGDEF
29863	74a7	acd	ACTPTISTQ
29864	74a8	acd	ACTPTLNK
29865	74a9	acd	ACTPTSVTM
29866	74aa	acd	ACTPTSTQ
29867	74ab	acd	ACTPTUNLK
29868	74ac	acd	ACTPTDSTQ
29869	74ad	acd	ACADMHCQ
29870	74ae	acd	ACACWSVTM
29871	74af	acd	ACACWMSG
29872	74b0	acd	ACACWMDT
29873	74b1	acd	ACPCWPDB

29874	74b2	acd	ACPCWNOW
29875	74b3	acd	ACPCWMSG
29876	74b4	acd	ACPCWPRT
29877	74b5	acd	ACRMCLNK
29878	74b6	acd	ACRMCMSG
29879	74b7	acd	ACMTQLNK
29880	74b8	acd	ACMTQASTQ
29881	74b9	acd	ACABNLNK
29882	74ba	acd	ACLGCLTQ
29883	74bb	acd	ACLGCLNK
29884	74bc	acd	ACQCLINK
29885	74bd	acd	ACIRQSTQ
29886	74be	acd	ACIRQPST
29887	74bf	acd	ACPTSPDB
29888	74c0	acd	ACPTSPRT
29889	74c1	acd	ACPTLPDB
29890	74c2	acd	ACPTLPRT
29891	74c3	acd	ACPTLSTM
29892	74c4	acd	ACPTLTDB
29893	74c5	acd	ACCTDETF
29897	74c9	acd	ACLOGDEF
29898	74ca	acd	ACORNIST
29899	74cb	acd	ACORNISF
29900	74cc	acd	ACREQIST
29901	74cd	acd	ACREQIFH
29902	74ce	acd	ACOSNOIF
29903	74cf	acd	ACOSNOIH
29904	74d0	acd	ACECTDTG
29905	74d1	acd	ACECTDDX
29906	74d2	acd	ACCTDETQ
29907	74d3	acd	ACISVISTP
29908	74d4	acd	ACTISTSVT
29909	74d5	acd	ACORRRER
29910	74d6	acd	ACORUNKR
29911	74d7	acd	ACRCTDIF
29912	74d8	acd	ACRCTDER
29913	74d9	acd	ACICTDRL
29914	74da	acd	ACNTRSrvT
29915	74db	acd	ACNTRBGR
29916	74dc	acd	ACNTRINV
29917	74dd	acd	ACTIFIUTM
29918	74de	acd	ACFDCNSST
29919	74df	acd	ACQRFNST
29920	74e0	acd	ACFDSSPTM
29921	74e1	acd	ACREQCQ
29922	74e2	acd	ACISVIFLW
29923	74e3	acd	ACTSTUSTM
29924	74e4	acd	ACQXNOCT
29925	74e5	acd	ACQRYNST
29926	74e6	acd	ACQRYNCT
29927	74e7	acd	ACQXCQDB
29928	74e8	acd	ACNQRYST
29929	74e9	acd	ACNQRYCT
29930	74ea	acd	ACQRYCTN
29931	74eb	acd	ACQRYWQT
29932	74ec	acd	ACQXFRCQ
29933	74ed	acd	ACICQGP1
29934	74ee	acd	ACICQGP2
29935	74ef	acd	ACICQGP3
29936	74f0	acd	ACICQGP4
29937	74f1	acd	ACTPEGP1
29938	74f2	acd	ACTPEGP2
29939	74f3	acd	ACTPECL1
29940	74f4	acd	ACTPECL2
29941	74f5	acd	ACTPECL3
29942	74f6	acd	ACTPECQ
29943	74f7	acd	ACTPELNK
29944	74f8	acd	ACQRFNCT
29948	74fc	acd	ACREQNST
29949	74fd	acd	ACBADCCQB
29950	74fe	acd	ACCQDETRD
29951	74ff	acd	ACRIVLGN

30155	75cb	oa	OANFTLDB
30156	75cc	oa	OAD_RTMSG
30157	75cd	oa	OABAD_INT_MSG
30158	75ce	oa	OAAPB_TMRFAIL
30159	75cf	oa	OABADRET
30160	75d0	oa	OABADSTATE
30161	75d1	oa	OAINV_QRY_DATA
30162	75d2	oa	OABAD_EXT_MSG
30163	75d3	oa	OAACC_TIMO
30164	75d4	oa	OAACC_TYPE
30165	75d5	oa	OAPARM_RDF
30166	75d6	oa	OAMNTDTMRF
30167	75d7	oa	OAMNTD_TMRO
30168	75d8	oa	OABADPARM
30169	75d9	oa	OAMNTD_IMTXT
30170	75da	oa	OAMNTGTMRF
30171	75db	oa	OAMNTG_PHF
30172	75dc	oa	OABRDG_FAL
30173	75dd	oa	OASEND_FAL
30174	75de	oa	OADEAC_TMRO
30175	75df	oa	OA0000
30176	75e0	oa	OAPOS_STILMON
30177	75e1	oa	OAMNUNXCLR
30178	75e2	oa	OAUNXREL
30179	75e3	oa	OA0004
30180	75e4	oa	OAPTRFAIL
30181	75e5	oa	OAACCSFAIL
30182	75e6	oa	OAQRYFAIL
30183	75e7	oa	OACCMODF
30184	75e8	oa	OAAPBFAIL
30185	75e9	oa	OAQRYMODF
30186	75ea	oa	OANORTGEN
30187	75eb	oa	OANULEMG
30188	75ec	oa	OABADQUE
30189	75ed	oa	OAPOS_LPRT
30190	75ee	oa	OATPSITP
30191	75ef	oa	OATPSGTP
30192	75f0	oa	OATPSDTP
30193	75f1	oa	OADIGCOSERR
30194	75f2	oa	OADIGKEYERR
30195	75f3	oa	OATKCRERR
30196	75f4	oa	OACFCRERR
30197	75f5	oa	OADNNERR
30198	75f6	oa	OAOCNERR
30199	75f7	oa	OAPUR_PROC
30200	75f8	oa	OABAD_DA_RET
30201	75f9	oa	OABAD_REQ_TYPE
30202	75fa	oa	OABAD_TA_TYPE
30203	75fb	oa	OABAD_TRK_GRP
30204	75fc	oa	OABAD_2TK_GRP
30205	75fd	oa	OARTCRERR
30206	75fe	oa	OASACERR
30207	75ff	oa	OASACDRIERR
30208	7600	oa	OA0033
30209	7601	oa	OALPRTPOSF
30210	7602	oa	OALPRTACCSF
30211	7603	oa	OAPTRLNKF
30212	7604	oa	OASTIN_RD
30213	7605	oa	OAPSLPRTRD
30214	7606	oa	OARMIDLEF
30215	7607	oa	OAATAPF
30216	7608	oa	OAABUSYF
30217	7609	oa	OARMTAPF
30218	760a	oa	OARMBUSYF
30219	760b	oa	OA_INVLDTYP
30220	760c	oa	OAAIDLEF
30221	760d	oa	OA0046
30222	760e	oa	OAANRIREAS
30223	760f	oa	OA0048
30224	7610	oa	OAOPSTLVL
30225	7611	oa	OA0050
30226	7612	oa	OATFSTLVL

30227	7613	oa	OAIFATPDB
30228	7614	oa	ATAVT_A
30229	7615	oa	OAIFRV
30230	7616	oa	OAIFNAR
30231	7617	oa	OAUMSGWR
30232	7618	oa	OA0057
30233	7619	oa	OA0058
30234	761a	oa	OA0059
30235	761b	oa	OAARATECONN
30236	761c	oa	OABADZNEXT
30237	761d	oa	OALPSGFL
30238	761e	oa	OA_OSCNM
30239	761f	oa	OACLG_BAD
30240	7620	oa	OAD_UNACMSG
30241	7621	oa	OAD_BADPOSID
30242	7622	oa	OAD_BADESTID
30243	7623	oa	OAD_SRSPFL
30244	7624	oa	OABILL_BAD
30245	7625	oa	OABRSN_AQTP
30246	7626	oa	OABADRANGE
30247	7627	oa	OANO_TCB
30248	7628	oa	OAWSETUXM
30249	7629	oa	OAWDISCUXM
30250	762a	oa	OASTWACKUXM

21. 5E11 Numeric Index: 30251-30600

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30251	762b	oa	OAQWSZUXM
30252	762c	oa	OAQWANUXM
30253	762d	oa	OAQANTKUXM
30254	762e	oa	OAQWACKUXM
30255	762f	oa	OATTKUXM
30256	7630	oa	OAACNBFL
30257	7631	oa	OAACNIFL
30258	7632	oa	OACNLKFL
30259	7633	oa	OALINETERM
30260	7634	oa	OAPICBNT
30261	7635	oa	OAPICBNM
30262	7636	oa	OAFCTRNT
30263	7637	oa	OAFCTRNM
30264	7638	oa	OAF COPNT
30265	7639	oa	OAF COPNM
30266	763a	oa	OANODALB
30267	763b	oa	OA_AQSENDL
30268	763c	oa	OA_RSTPID
30269	763d	oa	OA_RSTTM
30270	763e	oa	OA_DNMSGTO
30271	763f	oa	OA_AQONHK
30272	7640	oa	OA_AQUNMSG
30273	7641	oa	OABADPROG
30274	7642	oa	OASTINDATA
30275	7643	oa	OACCPCTUP
30276	7644	oa	OABLVSCRN
30277	7645	oa	OABLVEXCL
30278	7646	oa	OAD_BCTME
30279	7647	oa	OAD_BSTME
30280	7648	oa	OAD_BDRSTRT
30281	7649	oa	OAD_BADFLAG
30282	764a	oa	OANO_OTP
30283	764b	oa	OABADDEST
30284	764c	oa	OACRMTR
30285	764d	oa	OAOLSERR
30286	764e	oa	OABK_NOT_ACQS
30287	764f	oa	OATRNCATED
30288	7650	oa	OAD_OSENDL
30289	7651	oa	OAD_LSNOMAT
30290	7652	oa	OAD_OSWGETFL
30291	7653	oa	OAOTR_VLDL
30292	7654	oa	OASENDMSGFL
30293	7655	oa	OACNNLKD

30294	7656	oa	OARCNBFL
30295	7657	oa	OARCNIFL
30296	7658	oa	OACARD_4FAIL
30297	7659	oa	OANCDCOC_BAD
30298	765a	oa	OAOLOG_TUP
30299	765b	oa	OACDCOC_BAD
30300	765c	oa	OABNSCOC_BAD
30301	765d	oa	OAANYCOC_BAD
30302	765e	oa	OA0127
30303	765f	oa	OAQUERY_BAD
30304	7660	oa	OATRKGRP_BAD
30305	7661	oa	OASTIN_TUP
30306	7662	oa	OAOLOG_READ
30307	7663	oa	OARESX_READ
30308	7664	oa	OAPOS_READ
30309	7665	oa	OACTIN_READ
30310	7666	oa	OAUNXMSG
30311	7667	oa	OALOGSTAT
30312	7668	oa	OAOUT_CALL
30313	7669	oa	OANUM_TYPE
30314	766a	oa	OAEXTDL_PER
30315	766b	oa	OACONF_OP
30316	766c	oa	OAUNX_PID
30317	766d	oa	OAANOKEY
30318	766e	oa	OAIN_TMSG_BAD
30319	766f	oa	OAISDN_RC
30320	7670	oa	OASEZ_TYPE
30321	7671	oa	OAFALDROP
30322	7672	oa	OAPOS_INIT
30323	7673	oa	OAMAKE_BUSY
30324	7674	oa	OAAPCCC
30325	7675	oa	OA0150
30326	7676	oa	OACOCENUM_BAD
30327	7677	oa	OA_INCPTR
30328	7678	oa	OA_INCAQFAIL
30329	7679	oa	OA_OSENMOCB
30330	767a	oa	OA_UESNMSG
30331	767b	oa	OA_BADRETN
30332	767c	oa	OA_UNEXCLSS
30333	767d	oa	OATRKCK_COC_OPINIT
30334	767e	oa	OA_NOHOBSC
30335	767f	oa	OABCKQZ_CRD_COC
30336	7680	oa	OA_INCTRGID
30337	7681	oa	OANORECV
30338	7682	oa	OA_AQTGFAIL
30339	7683	oa	OANSUBERR
30340	7684	oa	OABADPHRASE
30341	7685	oa	OAZANCTYP
30342	7686	oa	OABADDBFRD
30343	7687	oa	OAODISP
30344	7688	oa	OADNSTART
30345	7689	oa	OAINV_CT
30346	768a	oa	OANTINDB
30347	768b	oa	OARSP_ENTRY
30348	768c	oa	OARSPUNXP
30349	768d	oa	OARET_ERR
30350	768e	oa	OABOOL_ERR
30351	768f	oa	OAMON_PERM
30352	7690	oa	OABN_MONITRD
30353	7691	oa	OAUXPMSG
30354	7692	oa	OABADDDATA
30355	7693	oa	OAHTLREL
30356	7694	oa	OANXXREL
30357	7695	oa	OATMREL
30358	7696	oa	OAINACCS
30359	7697	oa	OADEACCS
30360	7698	oa	OATSTACCS
30361	7699	oa	OATADA_MIX
30362	769a	oa	OA_AUNEXMSG
30363	769b	oa	OAD_EMTPOSDB
30364	769c	oa	OAD_FINFL
30365	769d	oa	OAD_FRDFL

30366	769e	oa	OAD_FUPFL
30367	769f	oa	OAA_INCRSN
30368	76a0	oa	OAD_INCRSN
30369	76a1	oa	OAD_INITFL
30370	76a2	oa	OAD_INVDMMSG
30371	76a3	oa	OAD_INVST
30372	76a4	oa	OA_INCRSN
30373	76a5	oa	OA_UNEXWMSG
30374	76a6	oa	OAVT_OLS
30375	76a7	oa	OAR_UNEXMSG
30376	76a8	oa	OAD_OSTMOUT
30377	76a9	oa	OAR_INCRSN
30378	76aa	oa	OASTATUPDT
30379	76ab	oa	OAD_POSFRDFL
30380	76ac	oa	OAD_STATFL
30381	76ad	oa	OAD_UNEXMSG
30382	76ae	oa	OAOPLINETERM
30383	76af	oa	OAD_OSERANGE
30384	76b0	oa	OAD_OSENOTCB
30385	76b1	oa	OABCKNUMERR
30386	76b2	oa	OATMZN
30387	76b3	oa	OAGBLTMZN
30388	76b4	oa	OAD_DSLNOMAT
30389	76b5	oa	OAD_DSLFRDFL
30390	76b6	oa	OAATCSSD
30391	76b7	oa	OACIEXMP
30392	76b8	oa	OAD_POSIDNTSM
30393	76b9	oa	OAFILNAME
30394	76ba	oa	OAD_INVPRN
30395	76bb	oa	OAD_DASCFULL
30396	76bc	oa	OAD_FDLFL
30397	76bd	oa	OAOPBPOOL
30398	76be	oa	OAOPBADREQ
30399	76bf	oa	OAOPHBSTOP
30400	76c0	oa	OAOPPRFAIL
30401	76c1	oa	OAOPNOBUF
30402	76c2	oa	OAOPDBFAIL
30403	76c3	oa	OAOPBADVAL
30404	76c4	oa	OACINPAF
30405	76c5	oa	OABADTRN
30406	76c6	oa	OACINVF
30407	76c7	oa	OACINVBK
30408	76c8	oa	OACIBBCK
30409	76c9	oa	OAINVRES
30410	76ca	oa	OAUEXPMSG
30411	76cb	oa	OAUEXPRET
30412	76cc	oa	OAFCDBRM
30413	76cd	oa	OAFCDBADD
30414	76ce	oa	OADBRLCT
30415	76cf	oa	OAFILRSV
30416	76d0	oa	OAFILJOIN
30417	76d1	oa	OAFILCNFG
30418	76d2	oa	OATPSIPOS
30419	76d3	oa	OATPSPRLA
30420	76d4	oa	OATPSPSDB
30421	76d5	oa	OATPSDPOS
30422	76d6	oa	OACIOATG
30423	76d7	oa	OASTIN_OAEDI
30424	76d8	oa	OAACOPUN
30425	76d9	oa	OAFSPLIT
30426	76da	oa	OACIOTTG
30427	76db	oa	OACIABBK
30428	76dc	oa	OACIABFW
30429	76dd	oa	OAIRTCAR
30430	76de	oa	OACILMIS
30431	76df	oa	OACSCCLN
30432	76e0	oa	OACILATA
30433	76e1	oa	OACINVEA
30434	76e2	oa	OAUNONOFF
30435	76e3	oa	OAUNRLOFFON
30436	76e4	oa	OAUNSDS
30437	76e5	oa	OAUNTRANROW

30438	76e6	oa	OAMTBENUM
30439	76e7	oa	OADASCVENDOR
30440	76e8	oa	OATMAREA
30441	76e9	oa	OACINMAP
30442	76ea	oa	OAOFRCRERR
30443	76eb	oa	OACPTGRP
30444	76ec	oa	OAATPDBINIT
30445	76ed	oa	OAD_REINTLNK
30446	76ee	oa	OATCMOBF
30447	76ef	oa	OAATPDBLE
30448	76f0	oa	OAATPUXM
30449	76f1	oa	OARASTUXM
30450	76f2	oa	OAWRAFUXM
30451	76f3	oa	OABRCHKTRQ
30452	76f4	oa	OANRTGEN
30453	76f5	oa	OABANSTIN
30454	76f6	oa	OAFAPERR
30455	76f7	oa	OABRT_RPRL
30456	76f8	oa	OAXRCLR
30457	76f9	oa	OABADCGRP
30458	76fa	oa	OATKLCERR
30459	76fb	oa	OAE_SRVCFL
30460	76fc	oa	OARCLTYPFL
30461	76fd	oa	OAINV_RAT_DATA
30462	76fe	oa	OABADTRANS
30463	76ff	oa	OAE_EISIDFL
30464	7700	oa	OAE_SEIZFL
30465	7701	oa	OABADRTENUM
30466	7702	oa	OABADCALLCLASS
30467	7703	oa	OAUNXPATHTREL
30468	7704	oa	OANOPHT_REL
30469	7705	oa	OAE_RLSFL
30470	7706	oa	OAE_SNDMSGFL
30471	7707	oa	OAEISUNXMSG
30472	7708	oa	OABADREST
30473	7709	oa	OANORCLTUP
30474	770a	oa	OAE_REASONFL
30475	770b	oa	OACIDTGN
30476	770c	oa	OACIDTXT
30477	770d	oa	OAVT_TCS
30478	770e	oa	OABADNPA
30479	770f	oa	OABADNXX
30480	7710	oa	OAENODALB
30481	7711	oa	OAAOCEXTENT
30482	7712	oa	OABADOPCODE
30483	7713	oa	OABADERRTYPE
30484	7714	oa	OAEBHTYPINV
30485	7715	oa	OAEFDBMSINV
30486	7716	oa	OAEBTMROOR
30487	7717	oa	OAE3SEND
30488	7718	oa	OAEIDoor
30489	7719	oa	OAESRLOOR
30490	771a	oa	OAEISINV
30491	771b	oa	OAESLLSINV
30492	771c	oa	OAIF_BADDATA
30493	771d	oa	OANG_TADATA
30494	771e	oa	OABDDBNUM
30495	771f	oa	OAECALTUP
30496	7720	oa	OAEATRETBAD
30497	7721	oa	OAESMRHLNK
30498	7722	oa	OAERHRETBAD
30499	7723	oa	OAEDIEJOBBAD
30500	7724	oa	OABADPATH
30501	7725	oa	OALSFCOSBAD
30502	7726	oa	OAEGLPTRBAD
30503	7727	oa	OAEGLPIDBAD
30504	7728	oa	OAETPREASON
30505	7729	oa	OAETPCTIMBAD
30506	772a	oa	OAPRL_ERR
30507	772b	oa	OADGT_ANA_BAD
30508	772c	oa	OABDDBN0
30509	772d	oa	OABDDBPARM

30510	772e	oa	OAETPTMRUNK
30511	772f	oa	OACHK_FAIL
30512	7730	oa	OAETPMMSGUNK
30513	7731	oa	OAESPNOCPDL
30514	7732	oa	OAETPDESTIME
30515	7733	oa	OAETPLNGBAD
30516	7734	oa	OAETPWTIMBAD
30517	7735	oa	OAETPRETUNK
30518	7736	oa	OABADSTINFO
30519	7737	oa	OABADOLOGINID
30520	7738	oa	OAETPSWIDBAD
30521	7739	oa	OAGETAPB
30522	773a	oa	OA0052
30523	773b	oa	OA0054
30524	773c	oa	OA0120
30525	773d	oa	OA0121
30526	773e	oa	OAAPBBUFF
30527	773f	oa	OA0123
30528	7740	oa	OAAPBPOSF
30529	7741	oa	OAPOSAPBF
30530	7742	oa	OAPOSLOOPF
30531	7743	oa	OA0128
30532	7744	oa	OA0129
30533	7745	oa	OAAPBTAPF
30534	7746	oa	OAGETCBDB
30535	7747	oa	OALNCBPC
30536	7748	oa	OAPTRDBADD
30537	7749	oa	OATAPAPBF
30538	774a	oa	OAINVDATA
30539	774b	oa	OANOTIMER
30540	774c	oa	OABADEISRET
30541	774d	oa	OANOPORTLA
30542	774e	oa	OAELEMSINV
30543	774f	oa	OAETPMSETID
30544	7750	oa	OAETPSWMODID
30545	7751	oa	OAETPSMRCID
30546	7752	oa	OATRN_BAD
30547	7753	oa	OAUKN_MSG
30548	7754	oa	OAETPCONPID
30549	7755	oa	OAETPSTUNK
30550	7756	oa	OAE_MSGSETIDFL
30551	7757	oa	OA1_MSGTYPEFL
30552	7758	oa	OA1_ACDRTFL
30553	7759	oa	OA1_APPCDOOR
30554	775a	oa	OAFPCCB
30555	775b	oa	OALNCBDB
30556	775c	oa	OAUPCCB
30557	775d	oa	OABKCN_NOT_ACQS
30558	775e	oa	OABK_IS_CNACQS
30559	775f	oa	OA_AQZODD
30560	7760	oa	OA1_POSNMOOR
30561	7761	oa	OA0130
30562	7762	oa	OABADPREFDIG
30563	7763	oa	OAPCBLAPBF
30564	7764	oa	OARSTATFAIL
30565	7765	oa	OARNOMATCH
30566	7766	oa	OA_GST_NOTINDB
30567	7767	oa	OA_GST_MAN_PBX
30568	7768	oa	INVALID_LPSTAT
30569	7769	oa	OADBRNM
30570	776a	oa	OAOLSPRB
30571	776b	oa	OANMIFLW
30572	776c	oa	OANMRRDN
30573	776d	oa	OAORNOCT
30574	776e	oa	OANRIFLW
30575	776f	oa	OANRRRDN
30576	7770	oa	OAORANCT
30577	7771	oa	OAIOTPMMSG
30578	7772	oa	OAD_NPAFLD
30579	7773	oa	OAD_NPANXFLD
30580	7774	oa	OADBRBD
30581	7775	oa	OANITOOR

30582	7776	0a	OAVTE_MRCV
30583	7777	0a	OAIPTPDB
30584	7778	0a	OAMC_INCRSN
30585	7779	0a	OAMC_UNEXMSG
30586	777a	0a	OAMC_INVMSG
30587	777b	0a	OAMC_CTINV
30588	777c	0a	OAMC_CTUNUSED
30589	777d	0a	OAMC_ADIGERR
30590	777e	0a	OAMC_ODIGERR
30591	777f	0a	OAMC_SDIGERR
30592	7780	0a	OAMC_NOTIMER
30593	7781	0a	OAMC_BADTIMER
30594	7782	0a	OAMC_TIMEOUT
30595	7783	0a	OAMC_SZERR
30596	7784	0a	OAMC_ARGERR
30597	7785	0a	OANCEO_TO_CEO
30598	7786	0a	OACEO_TO_NCEO
30599	7787	0a	OAIFWSH
30600	7788	0a	OAVTE_KILD

22. 5E11 Numeric Index: 30601-30970

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30601	7789	0a	OAVTBD_DB
30602	778a	0a	OAOTP_IFLOW
30603	778b	0a	OAIF_WRONGMSG
30604	778c	0a	OAIFWDN
30605	778d	0a	OAIFUNK
30606	778e	0a	OAIFWSZ
30607	778f	0a	OAVT_BD_IFM
30608	7790	0a	OAIFMH_FAIL
30609	7791	0a	OAPOSPLRTF
30610	7792	0a	OATMSCOPE
30611	7793	0a	OAUNXSIG
30612	7794	0a	OAIFTRAN
30613	7795	0a	OAVT_BADPSDB
30614	7796	0a	OAF_NPANXX
30615	7797	0a	OANOSERV
30616	7798	0a	OANOSVDT
30617	7799	0a	OAINVRT
30618	779a	0a	OAINVACT
30619	779b	0a	OAFUBLSR
30620	779c	0a	OAFHCSR
30621	779d	0a	OAFUILSR
30622	779e	0a	OAFSLRSM
30623	779f	0a	OABADSML
30624	77a0	0a	OAFCHKBERET
30625	77a1	0a	OACVALCE
30626	77a2	0a	OACVCORD
30627	77a3	0a	OACVLNKE
30628	77a4	0a	OACVUXEV
30629	77a5	0a	OACVMPT
30630	77a6	0a	OANOCTIN
30631	77a7	0a	OAOPSMOTNL
30632	77a8	0a	OAER0CCNAME
30633	77a9	0a	OAER1CCNAME
30634	77aa	0a	OAER2CCNAME
30635	77ab	0a	OAER3CCNAME
30636	77ac	0a	OAANI_DB
30637	77ad	0a	OATIMEREL
30638	77ae	0a	OASTATREL
30639	77af	0a	OATRNGREL
30640	77b0	0a	OALNKINIT
30641	77b1	0a	OACALLINIT
30642	77b2	0a	OALKSELINIT
30643	77b3	0a	OALNKDATA
30644	77b4	0a	OAERTPRNPA
30645	77b5	0a	OAERTPRCC
30646	77b6	0a	OABADOPTRN
30647	77b7	0a	OABADREQTYP
30648	77b8	0a	OASGNDERR

30649	77b9	oa	OACSOPEISDB
30650	77ba	oa	OACSEISID
30651	77bb	oa	OACSREQTYPE
30652	77bc	oa	OACSEISDATA
30653	77bd	oa	OARQTYPINVALID
30654	77be	oa	OARETINVALID
30655	77bf	oa	OAESPReason
30656	77c0	oa	OAESPCTIMBAD
30657	77c1	oa	OAEBPRONO
30658	77c2	oa	OAIEPRNO
30659	77c3	oa	OAISRLNO
30660	77c4	oa	OAIEIETPR
30661	77c5	oa	OAESMCID
30662	77c6	oa	OAESMCLNK
30663	77c7	oa	OAESMRLNK
30664	77c8	oa	OAEMIEID
30665	77c9	oa	OAEMIMSID
30666	77ca	oa	OAEMIVEN
30667	77cb	oa	OAEMISID
30668	77cc	oa	OAEMIECI
30669	77cd	oa	OAEMISRC
30670	77ce	oa	OAEMIESM
30671	77cf	oa	OAIEKECT
30672	77d0	oa	OAIEKELN
30673	77d1	oa	OAIEKELS
30674	77d2	oa	OAESPRETUNK
30675	77d3	oa	OAESPMMSGUNK
30676	77d4	oa	OAESPLNGBAD
30677	77d5	oa	OAESPWTIMBAD
30678	77d6	oa	OAESPMCBPROB
30679	77d7	oa	OAESPTHROW
30680	77d8	oa	OAESPSTUNK
30681	77d9	oa	OAISPLSF
30682	77da	oa	OAETPRESET
30683	77db	oa	OAE_CIDMM
30684	77dc	oa	OAEBADMSGTYPE
30685	77dd	oa	OAIEIRHCAL
30686	77de	oa	OAE_BSCSUX
30687	77df	oa	OADINGP1
30688	77e0	oa	OAER4CCNAME
30689	77e1	oa	OADINGP2
30690	77e2	oa	OADINGP3
30691	77e3	oa	OADINGP4
30692	77e4	oa	OADINGP5
30693	77e5	oa	OADINGP6
30694	77e6	oa	OASMIGP1
30695	77e7	oa	OASMIGP2
30696	77e8	oa	OASMIGP3
30697	77e9	oa	OASMIGP4
30698	77ea	oa	OAITLGP1
30699	77eb	oa	OAITLGP2
30700	77ec	oa	OAITLGP3
30701	77ed	oa	OAITLGP4
30702	77ee	oa	OATPOGP1
30703	77ef	oa	OATPOGP2
30704	77f0	oa	OATPOGP3
30705	77f1	oa	OATPOGP4
30706	77f2	oa	OATPOFI1
30707	77f3	oa	OATPOFI2
30708	77f4	oa	OATPOAS1
30709	77f5	oa	OATPOAS2
30710	77f6	oa	OAEBADPARM
30711	77f7	oa	OAEOFIXEDRI
30712	77f8	oa	OAE_UNXLEDB
30713	77f9	oa	OA1XPNOOR
30714	77fa	oa	OA1XMTYPEFL
30715	77fb	oa	OAESMATLNK
30716	77fc	oa	OAENOEISDATA
30717	77fd	oa	OAEBADDBREAD
30718	77fe	oa	OAETPOORS MID
30719	77ff	oa	OA1XATINV
30720	7800	oa	OA1XPNBAD

30721	7801	oa	OA1XCOCBAD
30722	7802	oa	OA1XBTYP
30723	7803	oa	OA1XBMOVFL
30724	7804	oa	OA1XDTINV
30725	7805	oa	OA1XFDOVFL
30726	7806	oa	OAETPCALLID
30727	7807	oa	OAEISLNGBAD
30728	7808	oa	OAEISNORES
30729	7809	oa	OAEISRETUNK
30730	780a	oa	OAEISINVPID
30731	780b	oa	OAEGKKBADID
30732	780c	oa	OAESPBADMSG
30733	780d	oa	OACVSDLK
30734	780e	oa	OAENOESM
30735	780f	oa	OABADPOSNUM
30736	7810	oa	OABUSYPOSEIZ
30737	7811	oa	OAEISLPCNTBAD
30738	7812	oa	OAEINTINV
30739	7813	oa	OABADRTYP
30740	7814	oa	OAMTPBSM
30741	7815	oa	OAEDPBBAD
30742	7816	oa	OAFLAGSBAD
30743	7817	oa	OAESMRLKBAD
30744	7818	oa	OAEDBRETINV
30745	7819	oa	OAEMLCOOR
30746	781a	oa	OATKORTERR
30747	781b	oa	OALF_OVFL
30748	781c	oa	OALT_OVFL
30749	781d	oa	OAETKOCID
30750	781e	oa	OAETKOPID
30751	781f	oa	OAETKOMG
30752	7820	oa	OA1CIDOOR
30753	7821	oa	OAUNEECDPDL
30754	7822	oa	OAEISMVCL
30755	7823	oa	OAESMGHLNK
30756	7824	oa	OAETVRETBAD
30757	7825	oa	OALPRETBAD
30758	7826	oa	OAE_ACTIONFL
30759	7827	oa	OAEHUNGTUP
30760	7828	oa	OACALLDUMP
30761	7829	oa	OALNKDUMP
30762	782a	oa	OALKSELDUMP
30763	782b	oa	OACREXCPT
30764	782c	oa	OACALL_LIST
30765	782d	oa	OABDELANS
30766	782e	oa	OATPOFI3
30767	782f	oa	OATPOAS3
30768	7830	oa	OATPOGP7
30769	7831	oa	OATPOGP8
30770	7832	oa	OATPOGP9
30771	7833	oa	OATPOGP5
30772	7834	oa	OATPOGP6
30773	7835	oa	OATLAFI1
30774	7836	oa	OATLAAS1
30775	7837	oa	OATLAGP1
30776	7838	oa	OATLAGP2
30777	7839	oa	OATLAGP3
30778	783a	oa	OAFail_BLVDA
30779	783b	oa	OAMTI_KILL
30780	783c	oa	OAMTI_SUICIDE
30781	783d	oa	OAMTI_CMPLT
30782	783e	oa	OAINTEFLP
30783	783f	oa	OAOPRCCERR
30784	7840	oa	OAMSGINFL
30785	7841	oa	OAOLSTRKCN
30786	7842	oa	OASIGTRKCN
30787	7843	oa	OABDBLOPT
30788	7844	oa	OABDEISCOC
30789	7845	oa	OABDPTPCOC
30790	7846	oa	OAINVBLOPT
30791	7847	oa	OADIRCERR
30792	7848	oa	OABAD_CLS

30793	7849	oa	OABDLSTRAF
30794	784a	oa	OABDTARET
30795	784b	oa	OABADCCRET
30796	784c	oa	OABDOSREAS
30797	784d	oa	OABDEAINFO
30798	784e	oa	OABDSRVID
30799	784f	oa	OAFC_TRUNK
30800	7850	oa	OABDLATAACK
30801	7851	oa	OABAD_IMF
30802	7852	oa	OANOSRVOT
30803	7853	oa	OA2_POSIDOOR
30804	7854	oa	OA2_ARUIDOOR
30805	7855	oa	OA2_MSGTYPEFL
30806	7856	oa	OA2_ACDRTFL
30807	7857	oa	OA2XMTYPEFL
30808	7858	oa	OA2ACCOOR
30809	7859	oa	OASRVCINV
30810	785a	oa	OAUNXRES
30811	785b	oa	OABDCCON
30812	785c	oa	OAAISDIG
30813	785d	oa	OABDISPD
30814	785e	oa	OABDISRVID
30815	785f	oa	OANO_FCTRNK
30816	7860	oa	OA2POSID_INV
30817	7861	oa	OAQRY_NOLOOP
30818	7862	oa	OAINV_LSCOC
30819	7863	oa	OABADCSE
30820	7864	oa	OABDCC_CR
30821	7865	oa	OAINVCC_CR
30822	7866	oa	OABADCCIND
30823	7867	oa	OABADOCS
30824	7868	oa	OALKTKOFL
30825	7869	oa	OA_INVLSCOC
30826	786a	oa	OAZERONPA
30827	786b	oa	OAFAIL_NPAMAP
30828	786c	oa	OANFWDNUM
30829	786d	oa	OATCS_NMTCH
30830	786e	oa	OAER1AATOS
30831	786f	oa	OAER2AATOS
30832	7870	oa	OACRD_NMTCH
30833	7871	oa	OABDRTETYP
30834	7872	oa	OA1XICOC
30835	7873	oa	OAETPSWAREA
30836	7874	oa	OASDNDESTERR
30837	7875	oa	OAUESCTN
30838	7876	oa	OA1SDNNRA
30839	7877	oa	OAGENDIGBAD
30840	7878	oa	OAGENOPBAD
30841	7879	oa	OABAD_ESC_DARET
30842	787a	oa	OAAPTYPE
30843	787b	oa	OABADBIL
30844	787c	oa	OADANGLECONF
30845	787d	oa	OAOLIBAD
30846	787e	oa	OATANTYPE
30847	787f	oa	OABDFCONN
30848	7880	oa	OAUNEX_RET
30849	7881	oa	OANPORTPID
30850	7882	oa	OAVMS_BADPARM
30851	7883	oa	OAVMSUNXCDS
30852	7884	oa	OATNSBAD
30853	7885	oa	OAFNSIBAD
30854	7886	oa	OACSR_NMTCH
30855	7887	oa	OAVMS_UNXEV
30856	7888	oa	OAASOTPRIM
30857	7889	oa	OANOSTINFO
30858	788a	oa	OABADTC
30859	788b	oa	OABDCITP
30860	788c	oa	OANODEST
30861	788d	oa	OACMPCRD_FAIL
30862	788e	oa	OA1VMS
30863	788f	oa	OABADHEADER
30864	7890	oa	OABADVARPHR

30865	7891	oa	OA3_APPCDOOR
30866	7892	oa	OAE_SCRCDE
30867	7893	oa	OAE_TGROUP
30868	7894	oa	OAE_TMEMP
30869	7895	oa	OA3MSGTYPEFL
30870	7896	oa	OA3CIDOOR
30871	7897	oa	OA3XMTYPEFL
30872	7898	oa	OACL_UNXMSG
30873	7899	oa	OANDSLPR
30874	789a	oa	OA900C7ER
30875	789b	oa	OAERRDSL
30876	789c	oa	OA_U_PRT
30877	789d	oa	OA_R_PRT
30878	789e	oa	OA3XBTYP
30879	789f	oa	OA3XBMOVFL
30880	78a0	oa	OA3BOPTINV
30881	78a1	oa	OACAOVLP
30882	78a2	oa	OAETPSIDBAD
30883	78a3	oa	OASIDRETBAD
30884	78a4	oa	OASRVIDBAD
30885	78a5	oa	OAINVEISCOC
30886	78a6	oa	OAINVTRFLRET
30887	78a7	oa	OAEMSGVIOL
30888	78a8	oa	OABDOLSR
30889	78a9	oa	OAEISNOLNK
30890	78aa	oa	OAEISERCNT
30891	78ab	oa	OA700C7ER
30892	78ac	oa	OAERPHR_LANG
30893	78ad	oa	OAERANNC_HDR
30894	78ae	oa	OAFPCPTYP
30895	78af	oa	OAKILLPROC
30896	78b0	oa	OACARDAT
30897	78b1	oa	OAERLANG_TBL
30898	78b2	oa	OANOLANG_TBL
30899	78b3	oa	OABADHDR_ID
30900	78b4	oa	OANONUSA
30901	78b5	oa	OABINTOASC
30902	78b6	oa	OABADDCR
30903	78b7	oa	OACBCOM
30904	78b8	oa	OACHDB
30905	78b9	oa	OA3XBCF1
30906	78ba	oa	OAPI2PTB
30907	78bb	oa	OAINC_CAR
30908	78bc	oa	OA3XBCF2
30909	78bd	oa	OA3XBCF3
30910	78be	oa	OA3XBCF4
30911	78bf	oa	OA3XBCF5
30912	78c0	oa	OA3XBCF6
30913	78c1	oa	OA3XBCF7
30914	78c2	oa	OA3XBCF8
30915	78c3	oa	OA3XBCF9
30916	78c4	oa	OA3XBCFA
30917	78c5	oa	OA3XBCFB
30918	78c6	oa	OABDBLSAME
30919	78c7	oa	OANOCRUPD
30920	78c8	oa	OA3BDEISVER
30921	78c9	oa	OA3EISVOOR
30922	78ca	oa	OA3BADVER
30923	78cb	oa	OA3BDVER
30924	78cc	oa	OABDVERSION
30925	78cd	oa	OA3TRANFL
30926	78ce	oa	OA3OTRANFL
30927	78cf	oa	OATKOVERBD
30928	78d0	oa	OAOPTRKTRM
30929	78d1	oa	OARPDBPT
30930	78d2	oa	OA_RPDBP
30931	78d3	oa	OADIORCPS
30932	78d4	oa	OABADEVENT
30933	78d5	oa	OABADACTION
30934	78d6	oa	OABDSDAST
30935	78d7	oa	OADFSRVRES
30936	78d8	oa	OABADRNMATM

30937	78d9	oa	OA3BLFVER
30938	78da	oa	OA3BBOPTINV
30939	78db	oa	OACPSDBERR
30940	78dc	oa	OA3RTNMFL
30941	78dd	oa	OAQBDBACOC
30942	78de	oa	OABABADST
30943	78df	oa	OABABADACT
30944	78e0	oa	OABADEBARET
30945	78e1	oa	OARATFWD
30946	78e2	oa	OARATCFWD
30947	78e3	oa	OAQRYFWD
30948	78e4	oa	OARATQFWD
30949	78e5	oa	OACONQFWD
30950	78e6	oa	OARATCQFWD
30951	78e7	oa	OAUNEXFWCKR
30952	78e8	oa	OABADBLOPT
30953	78e9	oa	OABDRETFC
30954	78ea	oa	OABDFWCK
30955	78eb	oa	OABDERFC
30956	78ec	oa	OAUNK_CARR
30957	78ed	oa	OA4_MSGTYPEFL
30958	78ee	oa	OA4_ACDRTFL
30959	78ef	oa	OA4_APPCDOOR
30960	78f0	oa	OA4_POSNMOOR
30961	78f1	oa	OA4XPNOOR
30962	78f2	oa	OA4XMTYPEFL
30963	78f3	oa	OA4XATINV
30964	78f4	oa	OA4XPNBAD
30965	78f5	oa	OA4XBTYP
30966	78f6	oa	OA4XBMOVFL
30967	78f7	oa	OA4XDTINV
30968	78f8	oa	OA4XFDOVFL
30969	78f9	oa	OA4CIDOOR
30970	78fa	oa	OA4XICOC

23. 5E11 Numeric Index: 30971-32220

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30971	78fb	oa	OAERRFTS
30972	78fc	oa	OAPRTFYL
30973	78fd	oa	OACKTFYL
30974	78fe	oa	OAHOMEALLERR
30975	78ff	oa	OARFBNARET
30976	7900	oa	OASRCCFLRET
30977	7901	oa	OASRBNARET
30978	7902	oa	OATFBNARET
30979	7903	oa	OAWATBNARET
30980	7904	oa	OAWARBNARET
30981	7905	oa	OAWRLBNARET
30982	7906	oa	OATDFRRET
30983	7907	oa	OABDRQEIS
30984	7908	oa	OA3XBCFC
30985	7909	oa	OA3BADBNUM
30986	790a	oa	OA3XBCFD
30987	790b	oa	OABACTCOC
30988	790c	oa	OAFCFAIL
30989	790d	oa	OAEQPRT
30990	790e	oa	OABADARG
30991	790f	oa	OAINSDYN
30992	7910	oa	OAUGLPRM
30993	7911	oa	OACNFATI
30994	7912	oa	OAPTRFATI
30995	7913	oa	OAQRYFATI
30996	7914	oa	OARGLPRM
30997	7915	oa	OAALOPTR
30998	7916	oa	OAALOQRY
30999	7917	oa	OAPTREXRS
31000	7918	oa	OAQRYEXRS
31001	7919	oa	OAPTRFARI
31002	791a	oa	OAQRYFARI
31003	791b	oa	OAPTRUPCB

31004	791c	oa	OAQRYUPTR
31005	791d	oa	OAOSPDAGT
31006	791e	oa	OAQRYLPTR
31007	791f	oa	OAPTRLPCB
31008	7920	oa	OAACCUPTTR
31009	7921	oa	OAUNEXPTR
31010	7922	oa	OAUNEXQRY
31011	7923	oa	OAAGRTRK
31012	7924	oa	OAERRSDAP
31013	7925	oa	OABADSDAPPOS
31014	7926	oa	OAGOPCSL
31015	7927	oa	OAINITNRAF
31016	7928	oa	OASETNRAF
31017	7929	oa	OASRVINIT
31018	792a	oa	OAINITPTR
31019	792b	oa	OAINITQRY
31020	792c	oa	OACNINIT
31021	792d	oa	OARHHCSL
31022	792e	oa	OAHPHCSL
31023	792f	oa	OARSPCSL
31024	7930	oa	OAHPHCSL
31025	7931	oa	OAATHCSL
31026	7932	oa	OASDAPPRMT
31027	7933	oa	OAGENERAL
31028	7934	oa	OACRDAGT
31029	7935	oa	OAAILSERR
31030	7936	oa	OADCPSSS
31031	7937	oa	OAOTDBINIT
31032	7938	oa	OAZIP_OTDBS
31033	7939	oa	OAPCBLAOTDB
31034	793a	oa	OAOTDBIDLE
31035	793b	oa	OANO_OTDB
31036	793c	oa	OASMOTMISS
31037	793d	oa	OANOFCCOPRTK
31038	793e	oa	OAOPERINDBAD
31039	793f	oa	OAFAILISSET
31040	7940	oa	OACONV_FAIL
31041	7941	oa	OABADMORE
31042	7942	oa	OALINEDATA_BAD
31043	7943	oa	OACBADPARM
31044	7944	oa	OA5BADBNUM
31045	7945	oa	OA5BBOPTINV
31046	7946	oa	OA5BDEISVER
31047	7947	oa	OA5BDN_DCNT
31048	7948	oa	OA5BDN_MISS
31049	7949	oa	OA5BINIT
31050	794a	oa	OA5BNUM_CHG
31051	794b	oa	OA5BOPTINV
31052	794c	oa	OA5B_NMATCH
31053	794d	oa	OA5CIDOOR
31054	794e	oa	OA5COC_CHG
31055	794f	oa	OA5DIOR_ICS
31056	7950	oa	OA5MSGTYPEFL
31057	7951	oa	OA5NO_SRV
31058	7952	oa	OA5SRV_BDN
31059	7953	oa	OA5XBMOVFL
31060	7954	oa	OA5XBTYP
31061	7955	oa	OA5XMTYPEFL
31062	7956	oa	OA5_APPCDOOR
31063	7957	oa	OADNRA_C7ER
31064	7958	oa	OANRAINCON
31065	7959	oa	OACRDPRD
31066	795a	oa	OASS7AILS
31067	795b	oa	OAUNXDESTTYPE
31068	795c	oa	OA6BDEISVER
31069	795d	oa	OA6BCALL_TR
31070	795e	oa	OA6BDTMF_OPT
31071	795f	oa	OA6XMTYPEFL
31072	7960	oa	OA6RTNFL
31073	7961	oa	OA6CNMFL
31074	7962	oa	OA6XBTYP
31075	7963	oa	OA6XBMOVFL

31076	7964	oa	OA6MOD_MISS
31077	7965	oa	OA6_AAPCDOOR
31078	7966	oa	OA6MSGTYPEFL
31079	7967	oa	OA6LTKO
31080	7968	oa	OA6RTE_FL
31081	7969	oa	OA6BNMF
31082	796a	oa	OAATCMSGBAD
31155	79b3	ccsph	CCBADUPD
31156	79b4	ccsph	CCPHDASPP
31157	79b5	ccsph	CCPKTSEQ
31158	79b6	ccsph	CCBADSEQ
31159	79b7	ccsph	CCNOWP
31160	79b8	ccsph	CCBADMSG
31161	79b9	ccsph	CCBADDATA
31162	79ba	ccsph	CCDATAACORR
31163	79bb	ccsph	CCPKTTRAN
31164	79bc	ccsph	CCPKTST
31165	79bd	ccsph	CCPKTBDOFF
31166	79be	ccsph	CCPKTUNTL
31167	79bf	ccsph	CCUNWGTMSG
31168	79c0	ccsph	CCUNWAIT
31169	79c1	ccsph	CCWAKEUP
31170	79c2	ccsph	CCBSTCKSUM
31171	79c3	ccsph	CCBADPINFO
31172	79c4	ccsph	CCBADPEOT
31173	79c5	ccsph	CCBADPBUF
31174	79c6	ccsph	CCBADTYP
31175	79c7	ccsph	CCBADSS
31176	79c8	ccsph	CCBADOPER
31177	79c9	ccsph	CCBADICT
31178	79ca	ccsph	CCBADKEY
31179	79cb	ccsph	CCBADTID
31180	79cc	ccsph	CCTBLFUL
31181	79cd	ccsph	CCACKFAIL
31182	79ce	ccsph	CCICRBAD
31183	79cf	ccsph	CCLAB7NUM
31184	79d0	ccsph	CCICRODD
31185	79d1	ccsph	CCOPCIBAD
31186	79d2	ccsph	CCDUPINS
31187	79d3	ccsph	CCOPCNUM
31188	79d4	ccsph	CCABADOPCI
31189	79d5	ccsph	CCBADCRANGE
31190	79d6	ccsph	CCAOPCNUM
31191	79d7	ccsph	CCBADDEL
31192	79d8	ccsph	CCBADNUMCIC
31193	79d9	ccsph	CCOPCIDX
31194	79da	ccsph	CCPHRDERR
31195	79db	ccsph	CCBDCKSUM
31196	79dc	ccsph	CCCKSUMBAD
31197	79dd	ccsph	CCSDSLRATE
31198	79de	ccsph	CCDREQFAIL
31199	79df	ccsph	CCPKTTOTBL
31200	79e0	ccsph	CCTBLEMPY
31201	79e1	ccsph	CCBADSM
31202	79e2	ccsph	CCNODPCI
31203	79e3	ccsph	CCNOTRUNK
31204	79e4	ccsph	CCLOMEMPH
31205	79e5	ccsph	CCBDPCKSUM
31206	79e6	ccsph	CCBAPCKSUM
31207	79e7	ccsph	CCRDBRST
31208	79e8	ccsph	CCRDBLINK
31209	79e9	ccsph	CCNOPHRDB
31210	79ea	ccsph	CCINVSDRQ
31211	79eb	ccsph	CCD2PFIN
31212	79ec	ccsph	CCP2DPMM
31213	79ed	ccsph	CCRINRAR
31214	79ee	ccsph	CCARDNOP
31215	79ef	ccsph	CCRDBCNT
31216	79f0	ccsph	CCEXDPSG
31217	79f1	ccsph	CCTFSTFUNC
31218	79f2	ccsph	CCTFPROCSTATE
31219	79f3	ccsph	CCTFBADDSEG

31220	79f4	ccsph	CCTFIT8ID
31221	79f5	ccsph	CCBMDPCI
31222	79f6	ccsph	CCBMADPCI
31223	79f7	ccsph	CCBMSEGIDX
31224	79f8	ccsph	CCTFINVS
31225	79f9	ccsph	CCTFINVA
31226	79fa	ccsph	CCTFINVD
31227	79fb	ccsph	CCTFNULL
31228	79fc	ccsph	CCTFINVT
31229	79fd	ccsph	CCTFT8AE
31230	79fe	ccsph	CCTFSPCE
31231	79ff	ccsph	CCTFIPLN
31232	7a00	ccsph	CCTFIVACNT
31233	7a01	ccsph	CCTFIVDSEG
31234	7a02	ccsph	CCTFIVDGRP
31235	7a03	ccsph	CCTFIVDBIT
31236	7a04	ccsph	CCTFIVD0
31237	7a05	ccsph	CCTFIVA0
31238	7a06	ccsph	CCTFIVABIT
31239	7a07	ccsph	CCTFITFX
31240	7a08	ccsph	CCTFT8AI
31241	7a09	ccsph	CCSSDIVA
31242	7a0a	ccsph	CCTFITDB
31243	7a0b	ccsph	CCDDBOWNBAD
31244	7a0c	ccsph	CCDDBLNKBAD
31245	7a0d	ccsph	CCRCGBAD
31246	7a0e	ccsph	CCDDBCNTBAD
31247	7a0f	ccsph	CCDDBIDLE
31248	7a10	ccsph	CCRCGFAIL
31249	7a11	ccsph	CCDDBFAIL
31250	7a12	ccsph	CCBLSIKSUM
31251	7a13	ccsph	CCDISOFF
31252	7a14	ccsph	CCDISLSG
31253	7a15	ccsph	CCDISILS
31254	7a16	ccsph	CCDISDPC
31255	7a17	ccsph	CCINVPST
31256	7a18	ccsph	CCINVPKT
31257	7a19	ccsph	CCPCLENBAD
31258	7a1a	ccsph	CCACBDSTATE
31259	7a1b	ccsph	CCSCVERE
31355	7a7b	amapp	AMKINVCODE
31356	7a7c	amapp	AMKNORCD
31405	7aad	pr	PRAUNONE
31406	7aae	pr	PRAUTKQUE
31407	7aaf	pr	PRAUTKOWNER
31408	7ab0	pr	PRAUPCBLA
31409	7ab1	pr	PRPSIPTST
31410	7ab2	pr	PRIECP_BAD
31411	7ab3	pr	PRPSBILLDN
31412	7ab4	pr	PRPSRIPSN
31413	7ab5	pr	PRPSGP_PRT
31414	7ab6	pr	PRFCTRUNK
31415	7ab7	pr	PRMSGBAD
31416	7ab8	pr	PRDATABAD
31417	7ab9	pr	PRCSTCUG
31418	7aba	pr	PRPVCINF
31419	7abb	pr	PRGROUP_PRT
31420	7abc	pr	PRAURTMPG
31421	7abd	pr	PRPVCFL_BAD
31422	7abe	pr	PRPVCARDN
31423	7abf	pr	PRNO_ISMPTH
31424	7ac0	pr	PRBAD_DATBL
31425	7ac1	pr	PROFFICE
31426	7ac2	pr	PRPSMHG
31427	7ac3	pr	PRPSPRT
31428	7ac4	pr	PRRDLNSTAT
31429	7ac5	pr	PRPORT_GRP
31430	7ac6	pr	PRRDLGLNSTAT
31431	7ac7	pr	PRAURTMHG
31432	7ac8	pr	PRPSPSN_RI
31433	7ac9	pr	PRPSLINKPT
31434	7aca	pr	PRAURTTRKG

31435	7acb	pr	PRRT_MHG
31436	7acc	pr	PREQUIPDSL
31437	7acd	pr	PRCUGCST
31438	7ace	pr	PRGPVCFCL_BAD
31439	7acf	pr	PRMDR_GP
31440	7ad0	pr	PRPSL3TRKG
31441	7ad1	pr	PRPBGINFO
31442	7ad2	pr	PRFACMISSING
32105	7d69	fp	FPNFTLDB
32106	7d6a	fp	FPUNXMSG
32107	7d6b	fp	FPBADVALUE
32108	7d6c	fp	FPBADPDB
32109	7d6d	fp	FPBADSTATE
32110	7d6e	fp	FPBADTCOS
32111	7d6f	fp	FPBADRET
32112	7d70	fp	FPBADPARM
32113	7d71	fp	FP911TBAD
32114	7d72	fp	FP0001
32115	7d73	fp	FP0003
32116	7d74	fp	FP0004
32117	7d75	fp	FP0005
32118	7d76	fp	FP0010
32119	7d77	fp	FP0012
32120	7d78	fp	FPPCCLSP
32121	7d79	fp	FPCLMDSPP
32122	7d7a	fp	FP0028
32123	7d7b	fp	FP0029
32124	7d7c	fp	FP0030
32125	7d7d	fp	FP0031
32126	7d7e	fp	FP0032
32127	7d7f	fp	FP0033
32128	7d80	fp	FP0034
32129	7d81	fp	FP0039
32130	7d82	fp	FP0040
32131	7d83	fp	FP0041
32132	7d84	fp	FP0042
32133	7d85	fp	FP0046
32134	7d86	fp	FP0047
32135	7d87	fp	FP0048
32136	7d88	fp	FP0049
32137	7d89	fp	FPUNXEISMSG
32138	7d8a	fp	FPNVLSCFID
32139	7d8b	fp	FP0062
32140	7d8c	fp	FP0074
32141	7d8d	fp	FP0080
32142	7d8e	fp	FP0081
32143	7d8f	fp	FP0113
32144	7d90	fp	FPARSEGSIG
32145	7d91	fp	FPMDRPORT
32146	7d92	fp	FPMDRINVGPID
32147	7d93	fp	FPMDRGP
32148	7d94	fp	FPDNFEAT
32149	7d95	fp	FPTRMFEAT
32150	7d96	fp	FCSDNBDBF
32151	7d97	fp	FPBAD4WIRE
32152	7d98	fp	FP4WDRNG
32153	7d99	fp	FPCATCM
32154	7d9a	fp	FPTCMOBF
32155	7d9b	fp	FPFCLINE
32156	7d9c	fp	FPDNFEA2
32157	7d9d	fp	FPFCPORTYP
32158	7d9e	fp	FPGLRE3
32159	7d9f	fp	FPARCF
32160	7da0	fp	FPARGP
32161	7da1	fp	FPARPORT
32162	7da2	fp	FPSC_CF
32163	7da3	fp	FPDR_LTM
32164	7da4	fp	FPPF_TKDN
32165	7da5	fp	FPPU_LTM
32166	7da6	fp	FPTG_CF
32167	7da7	fp	FPE9TKESCO
32168	7da8	fp	FP_911TRNK

32169	7da9	fp	FP_ANOUNCE
32170	7daa	fp	FP_CARR
32171	7dab	fp	FP_COINCHG
32172	7dac	fp	FP_DIRCON
32173	7dad	fp	FP_SERCOMP
32174	7dae	fp	FP_TRUNK
32175	7daf	fp	FPDNBFG
32176	7db0	fp	FPTRMBFG
32177	7db1	fp	FPPUG_SM
32178	7db2	fp	FPBADQUE
32179	7db3	fp	FPBFGARPORT
32180	7db4	fp	FPBFGTG_LTMR
32181	7db5	fp	FPICLIDIX
32182	7db6	fp	FPICLIDB
32183	7db7	fp	FPFC_OPERTRK
32184	7db8	fp	FPRT_SCRNING
32185	7db9	fp	FPCHRGIDXEXP
32186	7dba	fp	FPCHGTBL
32187	7dbb	fp	FPGETCHT
32188	7dbc	fp	FPIMTGRPS
32189	7dbd	fp	FPPF_CPSL
32190	7dbe	fp	FPFC_TDIRC
32191	7dbf	fp	FPEDSLTRKG
32192	7dc0	fp	FPRTROUTING
32193	7dc1	fp	FPFC_WZ1
32194	7dc2	fp	FPTONETY
32195	7dc3	fp	FPTATYPE
32196	7dc4	fp	FPLTSBPORT
32197	7dc5	fp	FPDATIMER
32198	7dc6	fp	FPEAIDIGS
32199	7dc7	fp	FPSPABILLDN
32200	7dc8	fp	FPSDNBRET
32201	7dc9	fp	FPLNDGST
32202	7dca	fp	FPTKDGST
32203	7dcb	fp	FPPCONF1
32204	7dcc	fp	FPPCONF2
32205	7dcd	fp	FPMWCF
32206	7dce	fp	FPTG_LTMR
32207	7dcf	fp	FP_4WIRE
32208	7dd0	fp	FPRT_TRKG
32209	7dd1	fp	FPPP_CF
32210	7dd2	fp	FPPORTGRP
32211	7dd3	fp	FPRTMHG
32212	7dd4	fp	FPDIGSTRT
32213	7dd5	fp	FPDAPRL1
32214	7dd6	fp	FPDAPRL2
32215	7dd7	fp	FPDAPRL
32216	7dd8	fp	FPGLR_NC
32217	7dd9	fp	FCLTSBPORT
32218	7dda	fp	FPAMCMCID
32219	7ddb	fp	ISFCLINE
32220	7ddc	fp	FCBADVAL

24. 5E11 Numeric Index: 32221-40600

ERROR CODE	PRM CODE	RANGE	MNEMONIC
32221	7ddd	fp	FPSCDSCRN
32222	7dde	fp	FPBFGMDR_PORT
32223	7ddf	fp	FPDSU2NRS
32224	7de0	fp	FPSCM_NSCM
32225	7de1	fp	FPLNBRET
32226	7de2	fp	FPLNDAS
32227	7de3	fp	FPLNPKG
32228	7de4	fp	FPSDNPKG
32229	7de5	fp	FPNS_TNLNK
32230	7de6	fp	FPASP_DC
32231	7de7	fp	FPLINE_SCN
32232	7de8	fp	FPBADBILLDN
32233	7de9	fp	FPBORIGCOS
32234	7dea	fp	FPBTERMCOS
32235	7deb	fp	FPATMPT_OVLP

32236	7dec	fp	FPOFFICECODE
32237	7ded	fp	FPBADTC
32238	7dee	fp	FPBDCITP
32239	7def	fp	FPBDACTP
32240	7df0	fp	FPNODEST
32241	7df1	fp	FPNOEAE0
32242	7df2	fp	FPBADSIG
32243	7df3	fp	FPDIGDPT
32244	7df4	fp	FPBFGPORT
32245	7df5	fp	FPCKT_PORT
32246	7df6	fp	FPPORTTYP
32247	7df7	fp	FPNULPORT
32248	7df8	fp	FPBFG_ASI
32249	7df9	fp	FPASI_PORT
32250	7dfa	fp	FPASI_GP
32251	7dfb	fp	FPASI_CF
32252	7dfc	fp	FPOW_BADCICALL
32253	7dfd	fp	FPAMTKGP
32254	7dfe	fp	FPDCACVTER
32255	7dff	fp	FPTGLTM
32256	7e00	fp	FPCONF_TYPE
32257	7e01	fp	FPSF18
32258	7e02	fp	FPUTTRK
32605	7f5d	rc	RCACSRCORPT
32606	7f5e	rc	RCOSREASON
32607	7f5f	rc	RCOSERROR
32608	7f60	rc	RCDERR1
32609	7f61	rc	RCDERR2
32610	7f62	rc	RCINTERR
32705	7fc1	fita	FIQVINVEST
32706	7fc2	fita	FI0001
32707	7fc3	fita	FIQVUXSTATUS
32708	7fc4	fita	FI0003
32709	7fc5	fita	FI0004
32710	7fc6	fita	FI0040
32711	7fc7	fita	FIMPGPERR
32712	7fc8	fita	FIMPMSGERR
32713	7fc9	fita	FIEODPSOP
32714	7fca	fita	FIRTDNMOD
32715	7fcb	fita	FIRT_DNTRAN
32716	7fcc	fita	FIFBDPB
32717	7fcd	fita	FIFBTEDB
32718	7fce	fita	FIFCLINE
32719	7fcf	fita	FIINVREASON
32720	7fd0	fita	FINOBNFEAT
32721	7fd1	fita	FIOBBERMSG
32722	7fd2	fita	FIOBSPH
32723	7fd3	fita	FIOBPHR
32724	7fd4	fita	FIOBBAD
32725	7fd5	fita	FIOBUNR
32726	7fd6	fita	FIOBWGM
32727	7fd7	fita	FIPACK_NLOADED
32728	7fd8	fita	FIPTORTGRP
32729	7fd9	fita	FIPSENDASRT
32730	7fda	fita	FITERMCA
32731	7fdb	fita	FIACSR_GRP
32732	7fdc	fita	FIACSR_OPT
32733	7fdd	fita	FIDSL_EQUIP
32734	7fde	fita	FINOCCODE
32735	7fdf	fita	FISPID
32736	7fe0	fita	FIEDSLGPRT
32737	7fe1	fita	FIEDSLTRKG
32738	7fe2	fita	FINSFMAP
32739	7fe3	fita	FINFTLDB
32740	7fe4	fita	FIBADVALUE
32741	7fe5	fita	FIFPCDA
32742	7fe6	fita	FIGETDALB
32743	7fe7	fita	FI0114
32745	7fe9	fita	FCSDNBDBF
32746	7fea	fita	FICPNBNCF
32747	7feb	fita	FICLMDSP
32748	7fec	fita	FIFC_TRUNK

32749	7fed	fita	FILPTSPID
32750	7fee	fita	FISHTERM
32751	7fef	fita	FIUUICHK
32752	7ff0	fita	FIISLINE
32753	7ff1	fita	FIBFGPP_LTM
32754	7ff2	fita	FIFCPORTYP
32755	7ff3	fita	FINOFEATBN
32756	7ff4	fita	FIPP_LTM
32757	7ff5	fita	FITATYPE
32758	7ff6	fita	FICLSUSPP
32759	7ff7	fita	FITPUNXMSG
32760	7ff8	fita	FIUNXMSG
32761	7ff9	fita	FIBFGPORT
32762	7ffa	fita	FINULPORT
32763	7ffb	fita	FIDNLPT
32764	7ffc	fita	FIDSP_ACN
32765	7ffd	fita	FIDSP_RMSG
32766	7ffe	fita	FIDSP_SWTCH
32767	7fff	fita	FIGOTEDA
32768	8000	fita	FIACDPOSD
32769	8001	fita	FIDATIMER
32770	8002	fita	FINOSTINFO
32771	8003	fita	FIDNFEATS
32772	8004	fita	FIAPCCC
32773	8005	fita	FICVALCE
32774	8006	fita	FICVCORD
32775	8007	fita	FICVDBRF
32776	8008	fita	FICVEBADS
32777	8009	fita	FICVLNKE
32778	800a	fita	FICVMPT
32779	800b	fita	FICVSDLK
32780	800c	fita	FICVUXEV
32781	800d	fita	FIFAPERR
32782	800e	fita	FIFCTRN
32783	800f	fita	FICVBADS
32784	8010	fita	FIWBTBLOCK
32785	8011	fita	FIPRISTAT
32786	8012	fita	FIACDSPI
32787	8013	fita	FIACDMSG
32788	8014	fita	FIFBNOTEDB
32789	8015	fita	FIAFITPI
32790	8016	fita	FIACDINF
32791	8017	fita	FIAUTEDB
32792	8018	fita	FIACDINP
32793	8019	fita	FIOPTSLVL
32794	801a	fita	FIORNOCT
32795	801b	fita	FIAFICWA
32796	801c	fita	FIAFIUNXTAG
32797	801d	fita	FIAFIUXMSG
32798	801e	fita	FIINVINIT
32799	801f	fita	FIINVRSN
32800	8020	fita	FIINVTMR
32801	8021	fita	FIQVUXTYPE
32802	8022	fita	FIQVUXMSG
32803	8023	fita	FIQVUXPROC
32804	8024	fita	FIOFFICECODE
32805	8025	fita	FINOCTINFO
32806	8026	fita	FIMBUNEXP
32807	8027	fita	FIMBNOMSG
32808	8028	fita	FIMBBADMSG
32809	8029	fita	FIMBUXMG
32810	802a	fita	FIMBBADSTATE
32811	802b	fita	FIMBBADRET
32812	802c	fita	FIMBBADPAR
32813	802d	fita	FIAFIMSGNR
32814	802e	fita	FIBSTPOSD
32815	802f	fita	FIAUACDPOSD
32816	8030	fita	FIAUACDINFO
32817	8031	fita	FIAFIGNE
32818	8032	fita	FIINAFIR
32819	8033	fita	FI0034
32820	8034	fita	FI0042

32821	8035	fita	FI_ANOUNCE
32822	8036	fita	FIBADBRG
32823	8037	fita	FIAUDALB
32824	8038	fita	FIAUDPB
32825	8039	fita	FIBADPARM
32826	803a	fita	FIPCOPSP
32827	803b	fita	FIRT_SCRNING
32829	803d	fita	FIACDIDS
32830	803e	fita	FIACDENT
32831	803f	fita	FIPP_TRUNK
32832	8040	fita	FIPP_CF
32833	8041	fita	FINOE9ACD
32834	8042	fita	FITPCIPG
32835	8043	fita	FITPCSP1
32836	8044	fita	FITPCSP2
32837	8045	fita	FITPCSP3
32843	804b	fita	FITPCINV
33205	81b5	rita	RIAUNONE
33206	81b6	rita	RIDESTROY
33207	81b7	rita	RIAUDALB
33208	81b8	rita	RIAUDPB
33209	81b9	rita	RIDSLEQUIP
33210	81ba	rita	RIFAP_FAIL
33211	81bb	rita	RISPID
33212	81bc	rita	RICRPT_DATA
33213	81bd	rita	RIAUTEDB
33214	81be	rita	RIFC_LINE
33215	81bf	rita	RIFC_PORTTYP
33216	81c0	rita	RIAUPCBLA
33217	81c1	rita	RIIS_LINE
33218	81c2	rita	RIAUBRCSD
33219	81c3	rita	RIAUPORTLA
33220	81c4	rita	RIBREQ_INV
33221	81c5	rita	RISTCMD_INV
33222	81c6	rita	RIPTGROUP
33223	81c7	rita	RIAULTMSTAT
33224	81c8	rita	RIBSEL_INV
33225	81c9	rita	RIINV_BIND
33226	81ca	rita	RILPT_SPID
33227	81cb	rita	RIINV_SOPREQ
33228	81cc	rita	RISOPRET_INV
33229	81cd	rita	RIBIP_SC_INV
33230	81ce	rita	RINIP_SC_INV
33231	81cf	rita	RIPTPRET_INV
33232	81d0	rita	RIMPRET_INV
33233	81d1	rita	RIUNB_SOP_INV
33234	81d2	rita	RIB_SOP_INV
33235	81d3	rita	RINDN_SOP_INV
33236	81d4	rita	RISPID_RQ_INV
33237	81d5	rita	RIINV_SPID_PTP
33238	81d6	rita	RIRET_SPID_INV
33239	81d7	rita	RITEI_PORT_INV
33240	81d8	rita	RIUNB_REQ_INV
33241	81d9	rita	RIAUTEILA
33242	81da	rita	RIEDSLDCHN
33243	81db	rita	RIPSX25LN
33244	81dc	rita	RIAUDISPDB
33245	81dd	rita	RIDN_FEATS
33246	81de	rita	RILPT_PT
33247	81df	rita	RIPSAPISLINE
33248	81e0	rita	RICHK_SC_INV
33249	81e1	rita	RINOCODE
33250	81e2	rita	RIISTERM
33251	81e3	rita	RITERMKYDN
33252	81e4	rita	RIREQSRV_INV
33254	81e6	rita	RIDN_LPT
33256	81e8	rita	RIINVDEVENT
33257	81e9	rita	RIPRISTAT
33258	81ea	rita	RIPRIFACS
33259	81eb	rita	RIFC_TRUNK
33262	81ee	rita	RIAUCDPOSD
33263	81ef	rita	RIPRIGRP

33264	81f0	rita	RIBRGAFAIL
33265	81f1	rita	RIFAILBRGA
33266	81f2	rita	RIBRGFAILL
33267	81f3	rita	RIBRGLFAIL
33268	81f4	rita	RISTACDPOSD
33270	81f6	rita	RIAUAPDU
33271	81f7	rita	RIWBTBLOCK
33272	81f8	rita	RIBFGPORT
33273	81f9	rita	RIBADARG
33274	81fa	rita	RICVSTATE
33275	81fb	rita	RIINSDYN
33276	81fc	rita	RIRGLPRM
33277	81fd	rita	RIUGLPRM
33278	81fe	rita	RIRETROINT
33279	81ff	rita	RIPFIXTEI
33280	8200	rita	RIAGACDPOSD
33281	8201	rita	RIFDAPC
33605	8345	ct	CTMG_BAD
33606	8346	ct	CTCHKOPEN
33607	8347	ct	CTCHIOCTL
33608	8348	ct	CTCHGWBUF
33609	8349	ct	CTCHRECV
33610	834a	ct	CTCHXMIT
33611	834b	ct	CTMSGQFAIL
33612	834c	ct	CTBADDTRG
33613	834d	ct	CTNOBUF
33614	834e	ct	CTBADDATA
33615	834f	ct	CTOS_BAD
33616	8350	ct	CTCLASS_BAD
33617	8351	ct	CTDBLAB6_BAD
33618	8352	ct	CTRETCODE_BAD
33619	8353	ct	CTDBPCI_BAD
33620	8354	ct	CTAMTOUP_BAD
33621	8355	ct	CTIMS3BRD
33622	8356	ct	CTIMS3BWT
33623	8357	ct	CTIMSBFR
33624	8358	ct	CTIMSOPEN
33625	8359	ct	CTIMSWRT
33626	835a	ct	CTIPMHD
33627	835b	ct	CTTRSPENT
33628	835c	ct	CTRNBF OV
33629	835d	ct	CTADSIIENT
33630	835e	ct	CTADSIUMSG
33631	835f	ct	CTDSICRPT
33632	8360	ct	CTDSIIENT
33633	8361	ct	CTDSIINSRPC
33634	8362	ct	CTDSIUSG
33635	8363	ct	CTDDBENTRY
33636	8364	ct	CTDDBINIT
33637	8365	ct	CTDDBMPRO
33638	8366	ct	CTDDBMSG
33639	8367	ct	CTDDBOPER
33640	8368	ct	CTDDBRCMP
33641	8369	ct	CTDDBRELID
33642	836a	ct	CTDDBUNPRO
33643	836b	ct	CTNOBFR
33644	836c	ct	CTNOQUE
33645	836d	ct	CTTRIG_BREL
33646	836e	ct	CTTRIG_ROP
33647	836f	ct	CTDBLAB7_BAD
33648	8370	ct	CTLAB6PCI
33649	8371	ct	CTDSISND
33650	8372	ct	CTNODLNMSG
33651	8373	ct	CTDBTC_AP
33652	8374	ct	CTDBTC_SS
33653	8375	ct	CTSSNIS
33654	8376	ct	CTSSNOOS
33655	8377	ct	CTDLNINV
33656	8378	ct	CT_MSGBAD
33657	8379	ct	CTTCBLEN
33658	837a	ct	CTDDRDERR
33755	83db	trc	TRBADMSG

33756	83dc	trc	TRBAD_SM
33757	83dd	trc	TRSYSPROC
33765	83e5	pcs	PCSBADARG
33766	83e6	pcs	PCSRGLPRM
33767	83e7	pcs	PCSUGLPRM
33768	83e8	pcs	PCSINSDYN
33769	83e9	pcs	PCSATHCUD
33770	83ea	pcs	PCSATHCSD
33772	83ec	pcs	PCSTEN2REG
33773	83ed	pcs	PCSUNXRPMMSG
33775	83ef	pcs	PCSAMUNXINP
33776	83f0	pcs	PCSBADSUDB
33777	83f1	pcs	PCSDNIDX
33778	83f2	pcs	PCSTIDIDX
33779	83f3	pcs	PCSBADVLR
33780	83f4	pcs	PCSAUNXMSG
33781	83f5	pcs	PCSPORT2VSM
33782	83f6	pcs	PCSTIDGRP
33784	83f8	pcs	PCSRPCU2NDN
33786	83fa	pcs	PCSFINHDD
33787	83fb	pcs	PCSLSDHD
33788	83fc	pcs	PCSSUBDATA
33789	83fd	pcs	PCSPCS_HLR
33790	83fe	pcs	PCSNOCODE
33791	83ff	pcs	PCSRSHCSD
33792	8400	pcs	PCSBADHSKEY
33793	8401	pcs	PCSRGDATA
33865	8449	cd	CD1MSG
33866	844a	cd	CDBADARG
33867	844b	cd	CDINSDYN
33868	844c	cd	CDQVSTATE
33869	844d	cd	CDRGLPRM
33870	844e	cd	CDUGLPRM
33871	844f	cd	CDIAGTID
33872	8450	cd	CDILGDEF
33873	8451	cd	CDIAGTPOS
33874	8452	cd	CDISTPARM
33875	8453	cd	CDISVDEF
33876	8454	cd	CDCQMASK
33877	8455	cd	CDICQPARM
33878	8456	cd	CDICQDEF
33879	8457	cd	CDIHC_CLLQ
33880	8458	cd	CDICQGP1
33881	8459	cd	CDICQCLTQ
33882	845a	cd	CDICLLQDB
33883	845b	cd	CDICQLNK
33884	845c	cd	CDIACD_POS
33885	845d	cd	CDISRDEF
33886	845e	cd	CDISRVQDB
33887	845f	cd	CDIHC_SRVQ
33888	8460	cd	CDISRVQ_HC
33889	8461	cd	CD_WHAT
33890	8462	cd	CDBADYRET
33891	8463	cd	CDAUSRVQDB
33892	8464	cd	CDAUAGTPOS
33893	8465	cd	CDTLGERRN
33894	8466	cd	CDTLGDEF
33895	8467	cd	CDSTPARM
33896	8468	cd	CDAUHC_CLLQ
33897	8469	cd	CD2MSG
33898	846a	cd	CDCQPARM
33899	846b	cd	CDAGENTID
33900	846c	cd	CDDSRVQ_HC
33901	846d	cd	CDDHC_CLLQ
33902	846e	cd	CDAUCLLQDB
33903	846f	cd	CDGLCLLQDB
33904	8470	cd	CDRMHSRVQ
33905	8471	cd	CDRMHCLLQ
33906	8472	cd	CDAUGHCLLQ
33907	8473	cd	CDAUGHSRVQ
40600	9e98	db	DBAC0000

25. 5E11 Numeric Index: 40601-40980

ERROR CODE	PRM CODE	RANGE	MNEMONIC
40601	9e99	db	DBAC0001
40602	9e9a	db	DB_TYP_ERR
40603	9e9b	db	DB_FULL
40604	9e9c	db	DB_BID_ERR
40605	9e9d	db	DB_SIZE_ERR
40606	9e9e	db	DB_FREE_ERR
40607	9e9f	db	DBAC0007
40608	9ea0	db	DBAC0008
40609	9ea1	db	DBAC0009
40610	9ea2	db	DBAC0010
40611	9ea3	db	DBAC0011
40612	9ea4	db	DBAC0012
40613	9ea5	db	DBAC0013
40614	9ea6	db	DBAC0014
40615	9ea7	db	DBAC0015
40616	9ea8	db	DBAC0016
40617	9ea9	db	DBAC0017
40618	9eaa	db	DBAC0018
40619	9eab	db	DBAC0019
40620	9eac	db	DBAC0020
40621	9ead	db	DBAC0021
40622	9eae	db	DBAC0022
40623	9eaf	db	DBAC0023
40624	9eb0	db	DBAC0024
40625	9eb1	db	DBAC0025
40626	9eb2	db	DBAC0026
40627	9eb3	db	DBAC0027
40628	9eb4	db	DBAC0028
40629	9eb5	db	DBAC0029
40630	9eb6	db	DBAC0030
40631	9eb7	db	DBAC0031
40632	9eb8	db	DBAC0032
40633	9eb9	db	DBAC0033
40634	9eba	db	DBAC0034
40635	9ebb	db	DBAC0035
40636	9ebc	db	DBAC0036
40637	9ebd	db	DBAC0037
40638	9ebe	db	DBAC0038
40639	9ebf	db	DBAC0039
40640	9ec0	db	DBAC0040
40641	9ec1	db	DBAC0041
40642	9ec2	db	DBAC0042
40643	9ec3	db	DBAC0043
40644	9ec4	db	DBAC0044
40645	9ec5	db	DBAC0045
40646	9ec6	db	DBSZFAIL
40647	9ec7	db	DBAC0047
40648	9ec8	db	DBAC0048
40649	9ec9	db	DBAC0049
40650	9eca	db	DBAC0050
40651	9ecb	db	DBAC0051
40652	9ecc	db	DBAC0052
40653	9ecd	db	DBAC0053
40654	9ece	db	DBAC0054
40655	9ecf	db	DBAC0055
40656	9ed0	db	DBAC0056
40657	9ed1	db	DBAC0057
40658	9ed2	db	DBAC0058
40659	9ed3	db	DBAC0059
40660	9ed4	db	DBAC0060
40661	9ed5	db	DBAC0061
40662	9ed6	db	DBAC0062
40663	9ed7	db	DBAC0063
40664	9ed8	db	DBAC0064
40665	9ed9	db	DBAC0065
40666	9eda	db	DBAC0066
40667	9edb	db	DBAC0067
40668	9edc	db	DBAC0068

40669	9edd	db	DBAC0069
40670	9ede	db	DBAC0070
40671	9edf	db	DBAC0071
40672	9ee0	db	DBAC0072
40673	9ee1	db	DBAC0073
40674	9ee2	db	DBAC0074
40675	9ee3	db	DBAC0075
40676	9ee4	db	DBAC0076
40677	9ee5	db	DBAC0077
40678	9ee6	db	DBAC0078
40679	9ee7	db	DBAC0079
40680	9ee8	db	DBAC0080
40681	9ee9	db	DBAC0081
40682	9eea	db	DBAC0082
40683	9eeb	db	DBAC0083
40684	9eec	db	DBAC0084
40685	9eed	db	DBAC0085
40686	9eee	db	DBAC0086
40687	9eef	db	DBAC0087
40688	9ef0	db	DBLGTMPSPC
40689	9ef1	db	DBAC0089
40690	9ef2	db	DBAC0090
40691	9ef3	db	DBAC0091
40692	9ef4	db	DBAC0092
40693	9ef5	db	DBAC0093
40694	9ef6	db	DBAC0094
40695	9ef7	db	DBAC0095
40696	9ef8	db	DBAC0096
40697	9ef9	db	DBAC0097
40698	9efa	db	DBAC0098
40699	9efb	db	DBAC0099
40700	9efc	db	DBAC0100
40701	9efd	db	DBAC0101
40702	9efe	db	DBAC0102
40703	9eff	db	DBAC0103
40704	9f00	db	DBAC0104
40705	9f01	db	DBAC0105
40706	9f02	db	DBAC0106
40707	9f03	db	DBAC0107
40708	9f04	db	DBAC0108
40709	9f05	db	DBAC0109
40710	9f06	db	DBAC0110
40711	9f07	db	DBAC0111
40712	9f08	db	DBAC0112
40713	9f09	db	DBAC0113
40714	9f0a	db	DBAC0114
40715	9f0b	db	DBAC0115
40716	9f0c	db	DBAC0116
40717	9f0d	db	DBAC0117
40718	9f0e	db	DBAC0118
40719	9f0f	db	DBAC0119
40720	9f10	db	DBAC0120
40721	9f11	db	DBAC0121
40722	9f12	db	DBAC0122
40724	9f14	db	DBAC0124
40725	9f15	db	DBAC0125
40726	9f16	db	DBAC0126
40728	9f18	db	DBAC0128
40729	9f19	db	DBAC0129
40730	9f1a	db	DBAC0130
40731	9f1b	db	DBAC0131
40732	9f1c	db	DBAC0132
40733	9f1d	db	DBAC0133
40734	9f1e	db	DBAC0134
40735	9f1f	db	DBAC0135
40736	9f20	db	DBAC0136
40737	9f21	db	DBAC0137
40738	9f22	db	DBAC0138
40739	9f23	db	DBAC0139
40740	9f24	db	DBAC0140
40741	9f25	db	DBAC0141
40742	9f26	db	DBAC0142

40743	9f27	db	DBAC0143
40744	9f28	db	DBAC0144
40745	9f29	db	DBAC0145
40746	9f2a	db	DBAC0146
40747	9f2b	db	DBAC0147
40748	9f2c	db	DBAC0148
40749	9f2d	db	DBAC0149
40750	9f2e	db	DBAC0150
40751	9f2f	db	DBAC0151
40752	9f30	db	DBAC0152
40753	9f31	db	DBAC0153
40754	9f32	db	DBAC0154
40755	9f33	db	DBAC0155
40756	9f34	db	DBAC0156
40757	9f35	db	DBAC0157
40758	9f36	db	DBAC0158
40759	9f37	db	DBAC0159
40760	9f38	db	DBAC0160
40761	9f39	db	DBAC0161
40762	9f3a	db	DBAC0162
40763	9f3b	db	DBAC0163
40764	9f3c	db	DBAC0164
40765	9f3d	db	DBAC0165
40766	9f3e	db	DBAC0166
40767	9f3f	db	DBAC0167
40768	9f40	db	DBAC0168
40769	9f41	db	DBAC0169
40770	9f42	db	DBAC0170
40771	9f43	db	DBAC0171
40772	9f44	db	DBAC0172
40773	9f45	db	DBAC0173
40774	9f46	db	DBAC0174
40775	9f47	db	DBAC0175
40776	9f48	db	DBAC0176
40777	9f49	db	DBAC0177
40778	9f4a	db	DBAC0178
40779	9f4b	db	DBAC0179
40780	9f4c	db	DBAC0180
40781	9f4d	db	DBAC0181
40782	9f4e	db	DBAC0182
40783	9f4f	db	DBAC0183
40784	9f50	db	DBAC0184
40785	9f51	db	DBAC0185
40786	9f52	db	DBAC0186
40787	9f53	db	DBAC0187
40788	9f54	db	DBAC0188
40789	9f55	db	DBAC0189
40790	9f56	db	DBAC0190
40791	9f57	db	DBAC0191
40792	9f58	db	DBAC0192
40793	9f59	db	DBAC0193
40794	9f5a	db	DBAC0194
40795	9f5b	db	DBAC0195
40796	9f5c	db	DBAC0196
40797	9f5d	db	DBAC0197
40798	9f5e	db	DBMODACC
40799	9f5f	db	DBMODITUP
40800	9f60	db	DBAC0200
40801	9f61	db	DBAC0201
40802	9f62	db	DBAC0202
40803	9f63	db	DBAC0203
40804	9f64	db	DBAC0204
40805	9f65	db	DBAC0205
40806	9f66	db	DBBAD_AVAIL
40807	9f67	db	DBAC0207
40808	9f68	db	DBAC0208
40809	9f69	db	DBAC0209
40810	9f6a	db	DBAC0210
40811	9f6b	db	DBAC0211
40812	9f6c	db	DBAC0212
40813	9f6d	db	DBAC0213
40814	9f6e	db	DBAC0214

40815	9f6f	db	DBAC0215
40816	9f70	db	DBMODEREL
40817	9f71	db	DBMODRTUP
40818	9f72	db	DBMODTBGN
40819	9f73	db	DBAC0219
40820	9f74	db	DBUPDRTUP
40821	9f75	db	DBUPDRFTUP
40822	9f76	db	DBUPDUTUP
40823	9f77	db	DBUPDDTUP
40824	9f78	db	DBUPDITUP
40825	9f79	db	DBUPDEMP
40826	9f7a	db	DBAC0226
40827	9f7b	db	DBAC0227
40828	9f7c	db	DBAC0228
40829	9f7d	db	DBAC0229
40830	9f7e	db	DBAC0230
40831	9f7f	db	DBAC0231
40832	9f80	db	DBAC0232
40833	9f81	db	DBAC0233
40834	9f82	db	DBAC0234
40835	9f83	db	DBAC0235
40836	9f84	db	DBAC0236
40837	9f85	db	DBAC0237
40838	9f86	db	DBAC0238
40839	9f87	db	DBAC0239
40840	9f88	db	DBAC0240
40841	9f89	db	DBAC0241
40842	9f8a	db	DBUPDDKEY
40843	9f8b	db	DBAC0243
40844	9f8c	db	DBAC0244
40845	9f8d	db	DBAC0245
40846	9f8e	db	DBAC0246
40847	9f8f	db	DBAC0247
40848	9f90	db	DBAC0248
40849	9f91	db	DBAC0249
40850	9f92	db	DBUPDTEND
40851	9f93	db	DBUPDTBGN
40852	9f94	db	DBUPDOREL
40853	9f95	db	DBUPDSITRG
40854	9f96	db	DBUPDSMTRG
40855	9f97	db	DBUPDGLTRG
40856	9f98	db	DBUPDCFAL
40857	9f99	db	DBMODABN
40858	9f9a	db	DBAC0258
40859	9f9b	db	DBAC0259
40860	9f9c	db	DBAC0260
40861	9f9d	db	DBUGBADMG
40862	9f9e	db	DBUMSGRC
40863	9f9f	db	DBSDWTDFLT
40864	9fa0	db	DBUGDBC
40865	9fa1	db	DBSNPCORPT
40866	9fa2	db	DBBDDBCI
40867	9fa3	db	DBBDGRSZ
40868	9fa4	db	DBBPRBAD
40869	9fa5	db	DBRLDCBRL
40870	9fa6	db	DBUGSMTMOUT
40871	9fa7	db	DBUGNOSND
40872	9fa8	db	DBWTIDBD
40873	9fa9	db	DBWT2LG
40874	9faa	db	DBRNUMBD
40875	9fab	db	DB2MNYFL
40876	9fac	db	DBWTLFULL
40877	9fad	db	DBMVGRFL
40878	9fae	db	DBSNPOVFLW
40879	9faf	db	DBSNPVER
40880	9fb0	db	DBBADDICT
40881	9fb1	db	DBBAD_ALIGN
40882	9fb2	db	DBAC0282
40883	9fb3	db	DBAC0283
40884	9fb4	db	DBAC0284
40885	9fb5	db	DBAC0285
40886	9fb6	db	DBAC0286

40887	9fb7	db	DBAC0287
40888	9fb8	db	DBAC0288
40889	9fb9	db	DBAC0289
40890	9fba	db	DBAC0290
40891	9fbb	db	DBAC0291
40892	9fbc	db	DBAC0292
40893	9fbd	db	DBAC0293
40894	9fbe	db	DBAC0294
40895	9fbf	db	DBAC0295
40896	9fc0	db	DBAC0296
40897	9fc1	db	DBAC0297
40898	9fc2	db	DBAC0298
40899	9fc3	db	DBAC0299
40900	9fc4	db	DBHDNTDUP
40901	9fc5	db	DBR95_FULL
40902	9fc6	db	DBAC0302
40903	9fc7	db	DBAC0303
40904	9fc8	db	DBAC0304
40905	9fc9	db	DBAC0305
40906	9fca	db	DBAC0306
40907	9fcb	db	DBAC0307
40908	9fcc	db	DBAC0308
40909	9fcd	db	DBAC0309
40910	9fce	db	DBAC0310
40911	9fcf	db	DBAC0311
40912	9fd0	db	DBAC0312
40913	9fd1	db	DBSIFAIL
40914	9fd2	db	DBSMCMTMOUT
40920	9fd8	db	DBUGHSHUP
40921	9fd9	db	DBACCUPFL
40922	9fda	db	DBBDMTYP
40923	9fdb	db	DBBSTCOPY
40924	9fdc	db	DBBSTDDRD
40925	9fdd	db	DBAC0325
40926	9fde	db	DBAC0326
40927	9fdf	db	DBAC0327
40928	9fe0	db	DBBSTPARMS
40929	9fe1	db	DBBSTDDWR
40930	9fe2	db	DBBSTSMIM
40931	9fe3	db	DBBSTZBMAP
40932	9fe4	db	DBBSTBTRN
40933	9fe5	db	DBBSTOPREL
40934	9fe6	db	DBBSTTRNST
40935	9fe7	db	DBBSTCONV
40936	9fe8	db	DBBRELTYPE
40937	9fe9	db	DBBSTACCUP
40938	9fea	db	DBNRNNOSEND
40939	9feb	db	DBNRBADMSG
40940	9fec	db	DBNMSGRC
40941	9fed	db	DBNR2HSHUP
40942	9fee	db	DBNRDATA
40943	9fef	db	DBNRMEMREC
40944	9ff0	db	DBNRPARMBAD
40945	9ff1	db	DBNSMCMTMOUT
40946	9ff2	db	DBNRDBC1
40947	9ff3	db	DBNRCIBAD
40948	9ff4	db	DBNRBSTRUN
40949	9ff5	db	DBNRADDMEM
40950	9ff6	db	DBNRSMTMOUT
40951	9ff7	db	DBNRHSHUP
40952	9ff8	db	DBUGNOCRTRM
40953	9ff9	db	DBRGRCVRY
40954	9ffa	db	DBRGABTD
40955	9ffb	db	DBINVRET
40956	9ffc	db	DBINVMSG
40957	9ffd	db	DBDDWRITEF
40958	9ffe	db	DBDDREADF
40959	9fff	db	DBRGOPENF
40960	a000	db	DBRGREADF
40961	a001	db	DBRGSEEKF
40962	a002	db	DBBKUPON
40963	a003	db	DBRGHMOUT

40964	a004	db	DBRGCLOSF
40965	a005	db	DBRGINIT
40966	a006	db	DBRGSGRWF
40967	a007	db	DBAC0367
40968	a008	db	DBGETBFR
40969	a009	db	DBRLSBFR
40970	a00a	db	DBMSZMALLOC
40971	a00b	db	DBMSZDATA
40972	a00c	db	DBINITDDBD
40973	a00d	db	DBTRIGFAIL
40974	a00e	db	DBNR95_FULLL
40975	a00f	db	DBAC0375
40976	a010	db	DBBIGTUP
40977	a011	db	DBLGTOTAL
40978	a012	db	DBBIGVIEW
40979	a013	db	DBAC0379
40980	a014	db	DBAC0380

26. 5E11 Numeric Index: 40981-43830

ERROR CODE	PRM CODE	RANGE	MNEMONIC
40981	a015	db	DBAC0381
40982	a016	db	DBMSZUDICT
40983	a017	db	DBAC0383
40984	a018	db	DBAC0384
40985	a019	db	DBAC0385
40986	a01a	db	DBAC0386
40987	a01b	db	DBAC0387
40988	a01c	db	DBAC0388
40989	a01d	db	DBAC0389
40990	a01e	db	DBMVCACH
40991	a01f	db	DBDISTERR
40992	a020	db	DBBADTRGINDX
40993	a021	db	DBBADACCDICT
40994	a022	db	DBPARTCMT
40995	a023	db	DBAC0397
40996	a024	db	DBAC0398
40997	a025	db	DBAC0401
40998	a026	db	DBAC0402
40999	a027	db	DBBADLGM
41000	a028	db	DBAC0400
41001	a029	db	DBLOSTLM
41002	a02a	db	DBWLGFUN
41003	a02b	db	DBAC0403
41004	a02c	db	DBAC0404
41005	a02d	db	DBAC0405
41006	a02e	db	DBAC0406
41007	a02f	db	DBAC0407
41008	a030	db	DBAC0408
41009	a031	db	DBAC0409
41010	a032	db	DBAC0410
41011	a033	db	DBAC0411
41012	a034	db	DBAC0412
41013	a035	db	DBAC0413
41014	a036	db	DBAC0414
41015	a037	db	DBAC0415
41016	a038	db	DBGTGRST
41017	a039	db	DBSTGRST
41018	a03a	db	DBAC0418
41019	a03b	db	DBTX1FAIL
41020	a03c	db	DBTX2FAIL
41021	a03d	db	DBTX3FAIL
41022	a03e	db	DBAC0422
41023	a03f	db	DBAC0423
41024	a040	db	DBAC0424
41025	a041	db	DBAC0425
41026	a042	db	DBAC0426
41027	a043	db	DBAC0427
41028	a044	db	DBAC0428
41029	a045	db	DBAC0429
41030	a046	db	DBAC0430

41031	a047	db	DBAC0431
41032	a048	db	DBAC0432
41033	a049	db	DBXSRDSYS
41034	a04a	db	DBXSRDFSYS
41035	a04b	db	DBXSRDNSYS
41036	a04c	db	DBXSINSYS
41037	a04d	db	DBRSMOREL
41038	a04e	db	DBPOPDNTRAN
41039	a04f	db	DBDNXTSINTUP
41040	a050	db	DBXTSINTUP
41041	a051	db	DBPRDNTAN
41042	a052	db	DBPRXSRDTUP
41043	a053	db	DBPRNXTSINTUP
41044	a054	db	DBMODXSRDFST
41045	a055	db	DBMODNXT
41046	a056	db	DBSAGPRM
41047	a057	db	DBSA2LONG
41048	a058	db	DBSACDNTR
41049	a059	db	DBSACOREL
41050	a05a	db	DBSACSINTUP
41051	a05b	db	DBSACTBGN
41052	a05c	db	DBSACTEND
41053	a05d	db	DBSACTUPNUM
41054	a05e	db	DBSACUGPR
41055	a05f	db	DBSACUREL
41056	a060	db	DBSADNMOD
41057	a061	db	DBSAENMG
41058	a062	db	DBSAINVMG
41059	a063	db	DBSANOMATE
41060	a064	db	DBRFREOTPA
41061	a065	db	DBAC0461
41062	a066	db	DBAC0462
41063	a067	db	DBAC0463
41064	a068	db	DBAC0464
41065	a069	db	DBBADDRL
41066	a06a	db	DBBADATYPE
41067	a06b	db	DBGKRETEERR
41068	a06c	db	BADPRIMCNT
41069	a06d	db	DBADLNKFIELD
41070	a06e	db	DBFRELSBAD
41071	a06f	db	DBMSGKPAG
41072	a070	db	DBFRINFALL
41073	a071	db	DBUSDONFRE
41074	a072	db	DBPARGTLAST
41075	a073	db	DBPARPTBADGK
41076	a074	db	DBGKNOTONFREE
41077	a075	db	DBGCBADFIN
41078	a076	db	DBBADDIST
41079	a077	db	DBBADRTYP
41080	a078	db	DBNFNDTRN
41081	a079	db	DBNUNTRN
41082	a07a	db	DBACCDICSAME
41083	a07b	db	DBBADPHYSREL
41084	a07c	db	DBGKFCORPT
41085	a07d	db	DBGKCRLOSS
41086	a07e	db	DBMAXVIRT
41087	a07f	db	DBOPNOSUP
41088	a080	db	DBOPVINCON
41089	a081	db	DBXTRAGKPAGS
41090	a082	db	DBLGFAIL
41091	a083	db	DBBRLMTYPE
41092	a084	db	DBGKCCUEFAIL
41093	a085	db	DBGK24TIMER
41094	a086	db	DBCYCLINGBKT
41095	a087	db	DBBRTMPGKPROB
41096	a088	db	DBBRSKLNNULL
41097	a089	db	DBGKCSYSERR
41098	a08a	db	DBBRDATAPAGE
41099	a08b	db	DBAC0499
41100	a08c	db	DBAC0500
41450	a1ea	os	OSACE0
41451	a1eb	os	OSACE1

41452	a1ec	os	OSACE2
41453	a1ed	os	OSACE3
41454	a1ee	os	OSACE4
41455	a1ef	os	OSACE5
41456	a1f0	os	OSACE6
41457	a1f1	os	OSACE7
41458	a1f2	os	OSACE8
41459	a1f3	os	OSACE9
41462	a1f6	os	OSACE12
41465	a1f9	os	OSACE15
41466	a1fa	os	OSACE16
41467	a1fb	os	OSACE17
41468	a1fc	os	OSACE18
41469	a1fd	os	OSACE19
41470	a1fe	os	OSACE20
41471	a1ff	os	OSACE21
41472	a200	os	OSACE22
41473	a201	os	OSACE23
41474	a202	os	OSACE24
41475	a203	os	OSACE25
41476	a204	os	OSACE26
41477	a205	os	OSACE27
41478	a206	os	OSACE28
41479	a207	os	OSACE29
41481	a209	os	OSACE31
41482	a20a	os	OSACE32
41483	a20b	os	OSACE33
41484	a20c	os	OSACE34
41485	a20d	os	OSACE35
41486	a20e	os	OSACE36
41488	a210	os	OSACE38
41489	a211	os	OSACE39
41491	a213	os	OSACE41
41492	a214	os	OSACE42
41494	a216	os	OSACE44
41496	a218	os	OSACE46
41497	a219	os	OSACE47
41498	a21a	os	OSACE48
41499	a21b	os	OSACE49
41500	a21c	os	OSACE50
41501	a21d	os	OSACE51
41502	a21e	os	OSACE52
41503	a21f	os	OSACE53
41504	a220	os	OSACE54
41505	a221	os	OSACE55
41506	a222	os	OSACE56
41507	a223	os	OSACE57
41509	a225	os	OSACE59
41510	a226	os	OSACE60
41511	a227	os	OSACE61
41512	a228	os	OSACE62
41513	a229	os	OSACE63
41514	a22a	os	OSACE64
41515	a22b	os	OSACE65
41517	a22d	os	OSACE67
41518	a22e	os	OSACE68
41519	a22f	os	OSACE69
41520	a230	os	OSACE70
41521	a231	os	OSACE71
41522	a232	os	OSACE72
41523	a233	os	OSACE73
41524	a234	os	OSACE74
41525	a235	os	OSACE75
41526	a236	os	OSACE76
41527	a237	os	OSACE77
41528	a238	os	OSACE78
41529	a239	os	OSACE79
41531	a23b	os	OSACE81
41532	a23c	os	OSACE82
41534	a23e	os	OSACE84
41535	a23f	os	OSACE85
41536	a240	os	OSACE86

41539	a243	OS	OSACE89
41540	a244	OS	OSACE90
41541	a245	OS	OSACE91
41542	a246	OS	OSACE92
41543	a247	OS	OSACE93
41544	a248	OS	OSACE94
41545	a249	OS	OSACE95
41547	a24b	OS	OSACE97
41549	a24d	OS	OSACE99
41550	a24e	OS	OSACE100
41551	a24f	OS	OSACE101
41552	a250	OS	OSACE102
41553	a251	OS	OSACE103
41554	a252	OS	OSACE104
41555	a253	OS	OSACE105
41556	a254	OS	OSACE106
41557	a255	OS	OSACE107
41558	a256	OS	OSACE108
41559	a257	OS	OSACE109
41560	a258	OS	OSACE110
41561	a259	OS	OSACE111
41562	a25a	OS	OSACE112
41563	a25b	OS	OSACE113
41564	a25c	OS	OSACE114
41565	a25d	OS	OSACE115
41566	a25e	OS	OSACE116
41567	a25f	OS	OSACE117
41568	a260	OS	OSACE118
41569	a261	OS	OSACE119
41570	a262	OS	OSACE120
41571	a263	OS	OSACE121
41572	a264	OS	OSACE122
41573	a265	OS	OSACE123
41574	a266	OS	OSACE124
41575	a267	OS	OSACE125
41576	a268	OS	OSACE126
41577	a269	OS	OSACE127
41578	a26a	OS	OSACE128
41579	a26b	OS	OSACE129
41580	a26c	OS	OSACE130
41581	a26d	OS	OSACE131
41582	a26e	OS	OSACE132
41583	a26f	OS	OSACE133
41584	a270	OS	OSACE134
41585	a271	OS	OSACE135
41586	a272	OS	OSACE136
41592	a278	OS	OSACE142
41593	a279	OS	OSACE143
41594	a27a	OS	OSACE144
41595	a27b	OS	OSACE145
41596	a27c	OS	OSACE146
41597	a27d	OS	OSACE147
41598	a27e	OS	OSACE148
41599	a27f	OS	OSACE149
41600	a280	OS	OSACE150
41602	a282	OS	OSACE152
41603	a283	OS	OSACE153
41604	a284	OS	OSACE154
41605	a285	OS	OSACE155
41606	a286	OS	OSACE156
41607	a287	OS	OSACE157
41608	a288	OS	OSACE158
41609	a289	OS	OSACE159
41638	a2a6	OS	OSACE188
41639	a2a7	OS	OSACE189
41640	a2a8	OS	OSACE190
41641	a2a9	OS	OSACE191
41642	a2aa	OS	OSACE192
41643	a2ab	OS	OSACE193
41644	a2ac	OS	OSACE194
41645	a2ad	OS	OSACE195
41647	a2af	OS	OSACE197

41648	a2b0	os	OSACE198
41649	a2b1	os	OSACE199
41650	a2b2	os	OSACE200
41651	a2b3	os	OSACE201
41653	a2b5	os	OSACE203
41655	a2b7	os	OSACE205
42550	a636	psi	DTBADEV
42551	a637	psi	DTBADOS
42552	a638	psi	DTBADTIMER
42553	a639	psi	DTBADTM
42554	a63a	psi	DTETEFail
42555	a63b	psi	DTREASERR
42556	a63c	psi	DTOSSEND
42557	a63d	psi	DTSM2PIFAIL
42558	a63e	psi	INBDCKNM
42559	a63f	psi	INCCSWFAIL
42560	a640	psi	INDAHLSC
42561	a641	psi	INNRETGEN
42562	a642	psi	INPU_ERROR
42563	a643	psi	INUNITERR
42564	a644	psi	SIBADGRWREQ
42565	a645	psi	SIBADODRID
42566	a646	psi	SIMGTPBADREA
42567	a647	psi	SIMGTPINVMMSG
42568	a648	psi	SIMGTPTIMEOUT
42569	a649	psi	SIOALLOCRN
42570	a64a	psi	SIOLAOOR
42571	a64b	psi	SIOLEOOR
42572	a64c	psi	SIOLPHOOR
42573	a64d	psi	SIOPHBO
42574	a64e	psi	SIOPHNLI
42575	a64f	psi	SIOUPMPNL
43750	aae6	ps	PSBADRS
43751	aae7	ps	PSFFERR
43752	aae8	ps	PSFFCLRD
43753	aae9	ps	PSESTIM
43755	aaeb	ps	PSPIDSCRD
43756	aaec	ps	PSPHDSCRD
43757	aaed	ps	PSPRISTAT
43758	aaee	ps	PSBADQPUPEVNT
43759	aaef	ps	PSCFBADMSG
43760	aaf0	ps	PSMDBADAP
43761	aaf1	ps	PSMSGBAD
43762	aaf2	ps	PSINERPS
43763	aaf3	ps	PSPSPB
43764	aaf4	ps	PSPPKB
43765	aaf5	ps	PSESPB
43766	aaf6	ps	PSDPKB
43767	aaf7	ps	PSEPKB
43768	aaf8	ps	PSBADL3PARM
43769	aaf9	ps	PSDPB_DALB
43770	aafa	ps	PSL3DEFULT
43771	aafb	ps	PSL3BADTEI
43772	aafc	ps	PSBADPKT
43773	aafd	ps	PSNOAPPL
43774	aafe	ps	PSBADOMSG
43775	aaff	ps	PSPDALB
43776	ab00	ps	PSUNXMSG
43777	ab01	ps	PSNOTMMSG
43778	ab02	ps	PSNOTMR
43779	ab03	ps	PSBADSTIM
43780	ab04	ps	PSNODPORT
43781	ab05	ps	PSTMJBFL
43782	ab06	ps	PSNOL3PLE
43783	ab07	ps	PSENDASRT
43784	ab08	ps	PSRETASRT
43785	ab09	ps	PSBADPTYPE
43786	ab0a	ps	PSBADIETYPE
43787	ab0b	ps	PSQMSG2LONG
43788	ab0c	ps	PSAPINBUF
43789	ab0d	ps	PSFISTCINV
43790	ab0e	ps	PSINVDATA

43791	ab0f	ps	PSOSEND
43792	ab10	ps	PSPCBLA
43793	ab11	ps	PSAPBUF
43794	ab12	ps	PS_APLST
43795	ab13	ps	PSAPSITE
43796	ab14	ps	PSAPBMSG
43797	ab15	ps	PSAPBFEAT
43798	ab16	ps	PSAPSPOSIG
43799	ab17	ps	PSAPINDBHC
43800	ab18	ps	PSAPINAPSPB
43801	ab19	ps	PSNOAPCP
43802	ab1a	ps	PSAPINEPKB
43803	ab1b	ps	PSAPINRMB
43804	ab1c	ps	PSAPINSITE
43805	ab1d	ps	PSAPSPB
43806	ab1e	ps	PSAPRMB
43807	ab1f	ps	PSAPEPKB
43808	ab20	ps	PSAPLOGCH
43809	ab21	ps	PSAPCLOSE
43810	ab22	ps	PSBADREASON
43811	ab23	ps	PSAPTPDALB
43812	ab24	ps	PSTPAPSPB
43813	ab25	ps	PSAPDDREF
43814	ab26	ps	PSBADMSG
43815	ab27	ps	PSBADAPTP
43816	ab28	ps	PSAPAUBUF
43817	ab29	ps	PSAPPKT
43818	ab2a	ps	PSISPAJHDLR
43819	ab2b	ps	PSENDMSG
43820	ab2c	ps	PSAPNOTMR
43821	ab2d	ps	PSAPTMRBAD
43822	ab2e	ps	PSAPREQFC
43823	ab2f	ps	PSAPSLFAUD
43824	ab30	ps	PSAPFSPL
43825	ab31	ps	PSAPFCREQ
43826	ab32	ps	PSAPFORWD
43827	ab33	ps	PSAPBCAST
43828	ab34	ps	PSNOBRCS
43829	ab35	ps	PSAPAMFC
43830	ab36	ps	PSAPFC SPL

27. 5E11 Numeric Index: 43831-44540

ERROR CODE	PRM CODE	RANGE	MNEMONIC
43831	ab37	ps	PSAPFRCV
43832	ab38	ps	PSAPFCOMP
43833	ab39	ps	PSAPFCBAD
43834	ab3a	ps	PSAPBADTIMER
43835	ab3b	ps	PSAPBODD
43836	ab3c	ps	PSDSPB
43837	ab3d	ps	PSAPDPB
43838	ab3e	ps	PSAP_RESET
43839	ab3f	ps	PSAPDALB
43840	ab40	ps	PSBADAPHC
43841	ab41	ps	PS_ELV_APLST
43842	ab42	ps	PSDAFAILURE
43843	ab43	ps	PSAPTPDPB
43844	ab44	ps	PSBADHC
43845	ab45	ps	PSBDNEW_LVL
43846	ab46	ps	PSIFDPB
43847	ab47	ps	PSIFSPB
43848	ab48	ps	PSIFPKB
43849	ab49	ps	PSIFDALB
43850	ab4a	ps	PSIFNOTMR
43851	ab4b	ps	PSIFREASON
43852	ab4c	ps	PSIFEDCHN
43853	ab4d	ps	PSIFGREASON
43854	ab4e	ps	PSIFGNOTMR
43855	ab4f	ps	PSIFGNODALB
43856	ab50	ps	PSIFGTPMSG
43857	ab51	ps	PSIFGTPEVENT

43858	ab52	ps	PSIFGUSER
43859	ab53	ps	PSIFFCP
43860	ab54	ps	PSNORESET
43861	ab55	ps	PSIFCLI
43862	ab56	ps	PSIFDSLEQUIP
43863	ab57	ps	PSENDER
43866	ab5a	ps	PSIFBADQMSG
43867	ab5b	ps	PSIPTST
43868	ab5c	ps	PSIFBADTMR
43869	ab5d	ps	PSBADMDMSG
43870	ab5e	ps	PSIFBADHEADC
43871	ab5f	ps	PSIFTRANSID
43872	ab60	ps	PSIFTKG
43873	ab61	ps	PSIFID
43874	ab62	ps	PSPIDISCARD
43875	ab63	ps	PSPHDISCARD
43876	ab64	ps	PSPKBINIT
43877	ab65	ps	PSSCCPBDMMSG
43878	ab66	ps	PSSINDXI
43879	ab67	ps	PSSIXRDF
43880	ab68	ps	PSSSTRDF
43881	ab69	ps	PSBADTRGT
43882	ab6a	ps	PSDATABAD
43883	ab6b	ps	PSBADLLM
43886	ab6e	ps	PSAPAMBC
43889	ab71	ps	PSODBMMSGBAD
43890	ab72	ps	PS_DEFAULT
43894	ab76	ps	PSRTDPB
43895	ab77	ps	PSRTPICB
43896	ab78	ps	PSUKNUSR
43898	ab7a	ps	PSLPT_PT
43899	ab7b	ps	PSCOMMFAIL
43900	ab7c	ps	PSOSREASON
43901	ab7d	ps	PSUNEXEVNT
43902	ab7e	ps	PSPARMBAD
43903	ab7f	ps	PSDEFAULT
43904	ab80	ps	PSTCCPERR
43910	ab86	ps	PSAUAPDU
43911	ab87	ps	PSAUDPB
43912	ab88	ps	PSAURTEILA
43914	ab8a	ps	PSERRPRT
43915	ab8b	ps	PSPRORNX
43916	ab8c	ps	PSPRTCARD
43917	ab8d	ps	PSNULPRT
43918	ab8e	ps	PSBAD_VALUE
43919	ab8f	ps	PSUNKNSHSHPKT
43928	ab98	ps	PSFCPHDISCARD
43929	ab99	ps	PSFCSDISCARD
43931	ab9b	ps	PSTCMGEXC
43936	aba0	ps	PSNOTMATCHED
43937	aba1	ps	PSNOTLOADED
43938	aba2	ps	PSINVARG
43939	aba3	ps	PSRUGLPRM
44050	ac12	upump	SIBADCMD
44051	ac13	upump	SIBADINDX
44052	ac14	upump	SIBADSMADD
44053	ac15	upump	SINOMATPMP
44054	ac16	upump	SINOFEPMP
44055	ac17	upump	SIHSCNOMAT
44056	ac18	upump	SIHSCNFEA
44058	ac1a	upump	SINOUIT
44061	ac1d	upump	SIUPPIOS
44062	ac1e	upump	SIBADIMG
44063	ac1f	upump	SIPIRNOMAT
44064	ac20	upump	SIPIRNFEA
44065	ac21	upump	SIBADCKT
44066	ac22	upump	SIBADPT
44067	ac23	upump	SISENDL
44068	ac24	upump	SIESCPMP
44069	ac25	upump	SICCFRST
44070	ac26	upump	SICCBDRY
44071	ac27	upump	SICCIMBX

44072	ac28	upump	SICCFMBX
44073	ac29	upump	SICCSTAT
44074	ac2a	upump	SICCACK
44075	ac2b	upump	SICCNCMP
44076	ac2c	upump	SICCHFL
44077	ac2d	upump	SICCKPCB
44078	ac2e	upump	SIPIBDRY
44079	ac2f	upump	SIPIHFL
44080	ac30	upump	SIPIRSTF
44081	ac31	upump	SIPHFRST
44082	ac32	upump	SIPHRDBF
44083	ac33	upump	SIPHBDRY
44084	ac34	upump	SIPHFLG
44085	ac35	upump	SIPHBUF
44086	ac36	upump	SIPHCDE
44088	ac38	upump	SIBADPIDB
44089	ac39	upump	SIBADPHTYPE
44090	ac3a	upump	SIPHDATAIMP
44091	ac3b	upump	SINOIMAGE
44150	ac76	sipp	INPSBADRET
44151	ac77	sipp	INMGINVALID
44152	ac78	sipp	INPPTMOT
44153	ac79	sipp	OCDTWTERR
44154	ac7a	sipp	OCDDRERR
44155	ac7b	sipp	INPPENDFRQ
44156	ac7c	sipp	INPPICOST
44157	ac7d	sipp	INPPBMSG
44158	ac7e	sipp	INPPMSGLG
44159	ac7f	sipp	INPPWAITER
44160	ac80	sipp	INPPMSTYPE
44161	ac81	sipp	INMGBADTYPE
44162	ac82	sipp	INPPRETGEN
44163	ac83	sipp	INPPBINSYN
44164	ac84	sipp	INPPSYNFULL
44165	ac85	sipp	INPPBCHKIN
44166	ac86	sipp	INPPBDATA
44167	ac87	sipp	INPPBUNBLK
44168	ac88	sipp	INPPBSNDRET
44170	ac8a	sipp	DTPBADOS
44171	ac8b	sipp	DTPBADEV
44172	ac8c	sipp	DTPBADTM
44173	ac8d	sipp	OCPREASERR
44174	ac8e	sipp	IMPASTSPP
44175	ac8f	sipp	IMPASTLCN
44176	ac90	sipp	IMPWPINV
44177	ac91	sipp	IMPINJTHR
44178	ac92	sipp	SITYRESET
44179	ac93	sipp	SITYRERR
44180	ac94	sipp	SITYBDEV
44181	ac95	sipp	SITYBDMS
44182	ac96	sipp	INPCPHSE
44183	ac97	sipp	INPCPHMD
44184	ac98	sipp	INPCPHBC
44185	ac99	sipp	INPCPHCR
44186	ac9a	sipp	INCPHPTT
44187	ac9b	sipp	INCPHMR
44188	ac9c	sipp	INCPHPR
44189	ac9d	sipp	INCPHPS
44190	ac9e	sipp	OCBADREAS
44191	ac9f	sipp	OCBADCHTP
44192	aca0	sipp	OCBADLLCB
44193	aca1	sipp	OCBADBUF
44194	aca2	sipp	OCOORLLCB
44195	aca3	sipp	INMGBADPARAM
44196	aca4	sipp	OCOORLVL
44197	aca5	sipp	OCBADOS
44198	aca6	sipp	SIHSCOVFLW
44199	aca7	sipp	OCPISSND
44200	aca8	sipp	INIDSPSSNDMSG
44201	aca9	sipp	IMOSMCB
44202	acaa	sipp	IMOSPCB
44203	acab	sipp	IMOSSCB

44204	acac	sipp	IMOSTCB
44205	acad	sipp	INPCPHIT
44206	acae	sipp	INPCPHBS
44207	acaf	sipp	INPCPHIA
44208	acb0	sipp	INPCPHEP
44209	acb1	sipp	IMHPURGAMA
44210	acb2	sipp	OCBADID
44211	acb3	sipp	SIBADRET
44214	acb6	sipp	OCBADCNT
44215	acb7	sipp	IMPRPIAST
44216	acb8	sipp	IMPSPFAST
44350	ad3e	psph	PSTIMFLR
44351	ad3f	psph	PSSPYERR
44352	ad40	psph	PSBADTFDL
44353	ad41	psph	PSBADRFDL
44354	ad42	psph	PSBADRSTAT
44355	ad43	psph	PSBADMODE
44356	ad44	psph	PSADCL2E
44357	ad45	psph	PSAWMSGR
44358	ad46	psph	PSAMSGLG
44359	ad47	psph	PSAMSGTP
44360	ad48	psph	PSAMSGRT
44361	ad49	psph	PSATMRTN
44362	ad4a	psph	PSABDCHN
44363	ad4b	psph	PSALTUNK
44364	ad4c	psph	PSALLCBT
44365	ad4d	psph	PSALKCNR
44366	ad4e	psph	PSAFRSBD
44367	ad4f	psph	PSALIOOR
44368	ad50	psph	PSINVPARM
44369	ad51	psph	PSNOLLCB
44370	ad52	psph	PSLNKLLCB
44371	ad53	psph	PSENOL3T
44372	ad54	psph	PSBIXLLCB
44373	ad55	psph	PSUNEXLLCB
44374	ad56	psph	PSIQBADIFD
44375	ad57	psph	PSMDRDERR
44376	ad58	psph	PSMDLPHERR
44377	ad59	psph	PSCCSL2E
44378	ad5a	psph	PSCWMSGR
44379	ad5b	psph	PSCMSGLG
44380	ad5c	psph	PSCMSGSR
44381	ad5d	psph	PSCMSGTYP
44382	ad5e	psph	PSCL2REQ
44383	ad5f	psph	PSCL2IACRT
44384	ad60	psph	PSCL2STATE
44385	ad61	psph	PSCTMRTN
44386	ad62	psph	PSCPHTYPE
44387	ad63	psph	PSCDSLRRATE
44388	ad64	psph	PSCXMITRT
44389	ad65	psph	PSCLSSUSI
44390	ad66	psph	PSCMSGRT
44391	ad67	psph	PSCTCNGST
44392	ad68	psph	PSCRCNGST
44393	ad69	psph	PSCBSNERST
44394	ad6a	psph	PSCFIBERST
44395	ad6b	psph	PSCSPYRET
44396	ad6c	psph	PSCBOVR
44397	ad6d	psph	PSCRTBCNT
44398	ad6e	psph	PSLANFAIL
44399	ad6f	psph	PSCEMSUTYPE
44400	ad70	psph	PSCEMSUUP
44401	ad71	psph	PSCUNRET
44402	ad72	psph	PSCNOLD SH
44403	ad73	psph	PSCLSBAD
44404	ad74	psph	PSCNOSLC PH
44405	ad75	psph	PSCBADMET
44406	ad76	psph	PSCDYBUFF
44407	ad77	psph	PSCBADCT
44408	ad78	psph	PSCMSULGTH
44409	ad79	psph	PSCUPDPC2LS
44410	ad7a	psph	PSCNOPH2LS

44411	ad7b	psph	PSCUPTYBAD
44412	ad7c	psph	PSCSMHUNRET
44413	ad7d	psph	PSCLS2SLC
44414	ad7e	psph	PSCNOAPD2PH
44415	ad7f	psph	PSCLSMBBAD
44416	ad80	psph	PSCSZOMBAD
44417	ad81	psph	PSCSPREAS
44418	ad82	psph	PSCINITST
44419	ad83	psph	PSCUNMSG
44420	ad84	psph	PSCUNGTYPE
44421	ad85	psph	PSCLATEINIT
44422	ad86	psph	PSCLATECOMP
44423	ad87	psph	PSCSEQCHK
44424	ad88	psph	PSCUNUPD
44425	ad89	psph	PSCLTADDBAD
44426	ad8a	psph	PSCLTMOBAD
44427	ad8b	psph	PSCBADUPACT
44428	ad8c	psph	PSCUPSLC2PH
44429	ad8d	psph	PSCREFDYDATA
44430	ad8e	psph	PSCUNWAIT
44431	ad8f	psph	PSCBADCALL
44432	ad90	psph	PSCSNMBAD
44433	ad91	psph	PSCOPCTRBAD
44434	ad92	psph	PSCNOOPCUNT
44435	ad93	psph	PSCOPCUNTBAD
44436	ad94	psph	PSIPD001
44437	ad95	psph	PSIPD002
44438	ad96	psph	PSIPD003
44439	ad97	psph	PSIPD004
44440	ad98	psph	PSIPD005
44441	ad99	psph	PSIPV001
44442	ad9a	psph	PSIPV002
44443	ad9b	psph	PSIPV003
44444	ad9c	psph	PSIPV004
44445	ad9d	psph	PSIPV005
44446	ad9e	psph	PSCPURG
44447	ad9f	psph	PSB_ACTION
44448	ada0	psph	PSB_CHAN
44449	ada1	psph	PSB_ERROR
44450	ada2	psph	PSB_GENFRM
44451	ada3	psph	PSB_IFD
44452	ada4	psph	PSB_MSG
44453	ada5	psph	PSB_PHCTYPE
44454	ada6	psph	PSB_PTCHECK
44455	ada7	psph	PSB_REJEVENT
44456	ada8	psph	PSB_STATE
44457	ada9	psph	PSB_TIMER
44458	adaa	psph	PSX_ACTION
44459	adab	psph	PSX_QDNULL
44460	adac	psph	PSX_NOHUNT
44461	adad	psph	PSX_RPT2BK
44462	adae	psph	PSX_USERD
44463	adaf	psph	PSX_ALTIM
44464	adb0	psph	PSX_PT2BK
44465	adb1	psph	PSX_LSTATE
44466	adb2	psph	PSX_ARETIM
44467	adb3	psph	PSX_MSGER
44468	adb4	psph	PSX_ATEST
44469	adb5	psph	PSX_LCTIM
44470	adb6	psph	PSPHDABAD
44471	adb7	psph	PS_LL2AL
44472	adb8	psph	PSX_INMSG
44473	adb9	psph	PSZATALCBERR
44474	adba	psph	PSZDTMSGERR
44475	adbb	psph	PSZBLALCBERR
44476	adbc	psph	PSZBLMSGERR
44477	adbd	psph	PST3CTMBAD
44478	adbe	psph	PST3FLNKBAD
44479	adbf	psph	PST3LLNKBAD
44480	adc0	psph	PST3MFLNKBAD
44481	adc1	psph	PSCL6BADSPY
44482	adc2	psph	PSBADIPH

44483	adc3	psph	PSBADALK
44484	adc4	psph	PSBADAHD
44485	adc5	psph	PSBADCLK
44486	adc6	psph	PSBADCHD
44487	adc7	psph	PSUNXPROC
44488	adc8	psph	PSTOINJ
44489	adc9	psph	PSX_PVCERR
44490	adca	psph	PSL2PTCHECK
44491	adcb	psph	PSL2PROTOTYPE
44492	adcc	psph	PSL2CHANTYPE
44493	adcd	psph	PSL2NOLLCB
44494	adce	psph	PSL2PARMINV
44495	adcf	psph	PSL2BADLNK
44496	add0	psph	PSL2UNEXLNK
44497	add1	psph	PSPHAXER
44498	add2	psph	PSPHESER
44499	add3	psph	PST3MBLNKBAD
44500	add4	psph	PST3L3CHK
44501	add5	psph	PST3L2CHK
44502	add6	psph	PST3EXTE
44503	add7	psph	PST3EXLL
44504	add8	psph	PST3OFLDBAD
44505	add9	psph	PST3LOTIME
44506	adda	psph	PST3TTYPEBAD
44507	addb	psph	PST3CTYPEBAD
44508	addc	psph	PST3PARMBAD
44509	addd	psph	PST3DELAYBAD
44510	adde	psph	PST3TRUNBAD
44511	addf	psph	PST3TAGBAD
44512	ade0	psph	PSX_PTYP
44513	ade1	psph	PSX_INVACT
44514	ade2	psph	PSLANDPX
44515	ade3	psph	PSEBADCBI
44516	ade4	psph	PSEBADPH
44517	ade5	psph	PSEBADSM
44518	ade6	psph	PSEBADRET
44519	ade7	psph	PSEBADLCCB
44520	ade8	psph	PELINKAGE
44521	ade9	psph	PSEBADMSGID
44522	adea	psph	PSKBADPTRS
44523	adeb	psph	PSKSNDEERR
44524	adec	psph	PSKINVSGSZ
44525	aded	psph	PSKINVPOLL
44526	adee	psph	PSKINVRATE
44527	adef	psph	PSKINVRCD
44528	adf0	psph	PSKINVRSN
44529	adf1	psph	PSKBADMSG
44530	adf2	psph	PSWINVMSG
44531	adf3	psph	PSWINVDATA
44532	adf4	psph	PSWINVPARA
44533	adf5	psph	PSWOSWAIT
44534	adf6	psph	PSWBDRSN
44535	adf7	psph	PSOCBADRET
44536	adf8	psph	PSRESREC
44537	adf9	psph	PSL3HCTE
44538	adfa	psph	PST3HLNKBAD
44539	adfb	psph	PSSCBDYN
44540	adfc	psph	PSSCBUPD

28. 5E11 Numeric Index: 44541-49999

ERROR CODE	PRM CODE	RANGE	MNEMONIC
44541	adfd	psph	PSSCBUDT
44542	adfe	psph	PSSCBDTB
44543	adff	psph	PSSCBDRT
44544	ae00	psph	PSSCBDCV
44545	ae01	psph	PSSCBDMG
44546	ae02	psph	PSCL6LKR
44547	ae03	psph	PSCL6INVMUM
44548	ae04	psph	PSCL6SYNT
44549	ae05	psph	PSC6PNDMAX

44550	ae06	psph	PSCL6STATE
44551	ae07	psph	PSCL6NOTQSP
44552	ae08	psph	PSCL6NOXQSP
44553	ae09	psph	PS6NOTIMR
44554	ae0a	psph	PSCL6EVENT
44555	ae0b	psph	PSECNSC
44556	ae0c	psph	PSECBDR
44557	ae0d	psph	PSECSM
44558	ae0e	psph	PSECMXBUF
44559	ae0f	psph	PSLLSSMERR
44560	ae10	psph	PSALSBERR
44561	ae11	psph	PSLSBERR
44562	ae12	psph	PSNAPHLS
44563	ae13	psph	PSNAURET
44564	ae14	psph	PSNASMHRET
44565	ae15	psph	PSNADYBUFF
44566	ae16	psph	PSNABADCALL
44567	ae17	psph	PSNANOLD
44568	ae18	psph	PSNANODPC
44569	ae19	psph	PSNANOSTPH
44570	ae1a	psph	PSNANOAPD2PH
44571	ae1b	psph	PSNALS2SLC
44572	ae1c	psph	PSNASPREAS
44573	ae1d	psph	PSNANMBAD
44574	ae1e	psph	PSNAECBAD
44575	ae1f	psph	PSNASCBAD
44576	ae20	psph	PSBADCHON
44587	ae2b	psph	PSSCUSN
44588	ae2c	psph	PSSCUDPC
44589	ae2d	psph	PSINVFAR_DATA
44590	ae2e	psph	PSINVIPT_DATA
44591	ae2f	psph	PSRIPKT_BPATH
44592	ae30	psph	PSBADRET
44593	ae31	psph	PSBDCHAN
44595	ae33	psph	PSALDBIX
44602	ae3a	psph	PSG_LSTATE
44603	ae3b	psph	PSG_TIMINV
44604	ae3c	psph	PSG_DATACHG
44605	ae3d	psph	PSG_CAMPON
44606	ae3e	psph	PSXRQTYPE
44607	ae3f	psph	PST3XXALCB
44608	ae40	psph	PST3XXTMR
44609	ae41	psph	PSNOT3XX
44610	ae42	psph	PST3XXLLCB
44611	ae43	psph	PSPKTBND
44612	ae44	psph	PSALDBHD
44613	ae45	psph	PSX_PMD
44614	ae46	psph	PSSGRFDBAD
44615	ae47	psph	PSSGTFDBAD
44616	ae48	psph	PSB_ACTTYPE
44617	ae49	psph	PSCSPYRSC
44618	ae4a	psph	PSNOALDB
44619	ae4b	psph	PSSGITOUT
44620	ae4c	psph	PSSGATOUT
44621	ae4d	psph	PST3BADOWN
44622	ae4e	psph	PST3BADHDC
44623	ae4f	psph	PSRBADVC
44624	ae50	psph	PST3RUNA
44625	ae51	psph	PST3RUNL
44626	ae52	psph	PSDMAPBDERR
44627	ae53	psph	PSX_INVUD
44628	ae54	psph	PSX_R1BDATA
44629	ae55	psph	PSX_BADTDOWN
44630	ae56	psph	PSX_RSTBAD
44631	ae57	psph	PSX_UDINV
44632	ae58	psph	PSINVIPHDR
44633	ae59	psph	PSUNTMRTG
44634	ae5a	psph	PSCERRSDLDATA
44635	ae5b	psph	PSINV_FUNC
44636	ae5c	psph	PSCTMRINT
44637	ae5d	psph	PSNAUNMSG
44638	ae5e	psph	PSNAERWAIT

44639	ae5f	psph	PSSCPBADATA
44640	ae60	psph	PSBADLNK
44641	ae61	psph	PSBADPRM
44642	ae62	psph	PSLCQBAD
44643	ae63	psph	PSXRCVBADTPC
44644	ae64	psph	PSXSNDBADTPC
44645	ae65	psph	PSLNKRTDB
44646	ae66	psph	PSBDLKRTDB
44647	ae67	psph	PSRTDBHD
44648	ae68	psph	PSINCON
44649	ae69	psph	PS1ACTVCBAD
44650	ae6a	psph	PS2ACTVCBAD
44651	ae6b	psph	PS3ACTVCBAD
44652	ae6c	psph	PS4ACTVCBAD
44653	ae6d	psph	PSWBINVMSG
44654	ae6e	psph	PSWBINVLEN
44655	ae6f	psph	PSWBINVCXN
44660	ae74	psph	PSBADVALUE
44662	ae76	psph	PSUNKNHSHPKT
44666	ae7a	psph	PSINV_MSG
44668	ae7c	psph	PSBADSUBSYS
44669	ae7d	psph	PSBADNPRIM
44670	ae7e	psph	PSBADCOIMS
44671	ae7f	psph	PSRUNTGUARD
44672	ae80	psph	PSBADCOCXN
44673	ae81	psph	PSBKSTBL
44676	ae84	psph	PS1SBADTIMER
44677	ae85	psph	PS10SBADTIMER
44679	ae87	psph	PSSCPBDMMSG
44680	ae88	psph	PSPH2A_INV
44681	ae89	psph	PSCPCLENBAD
44682	ae8a	psph	PSVMRNG
44683	ae8b	psph	PSCONGTYPE
44684	ae8c	psph	PSNETINV
44685	ae8d	psph	PSENDPTINV
44686	ae8e	psph	PSMDBADPARM
44687	ae8f	psph	PSBADCL2RQT
44688	ae90	psph	PSQBADMSG
44689	ae91	psph	PSQPH1
44690	ae92	psph	PSQBADSTIM
44691	ae93	psph	PSISQPH
44692	ae94	psph	PSBADERR
44693	ae95	psph	PSSGFAIL
44694	ae96	psph	PSLPBK
44695	ae97	psph	PSINVQLNT
44696	ae98	psph	PSINVLLCBIDX
44697	ae99	psph	PSLLCBLKERR
44698	ae9a	psph	PSQBADRAM
44699	ae9b	psph	PSQUNKENDPT
44700	ae9c	psph	PSQBADBCAST
44701	ae9d	psph	PSQQUEFULL
44702	ae9e	psph	PSQLV2RESTR
44703	ae9f	psph	PSQINVDERR
44704	aea0	psph	PSQLML2BLK
44705	aea1	psph	PSQLMOOSL1
44706	aea2	psph	PSIPHDRINV
44707	aea3	psph	PSBADMEM
44708	aea4	psph	PSINVRATE
44709	aea5	psph	PSDCDBERR
44710	aea6	psph	PSPPDBERR
44711	aea7	psph	PSUNXPPFRM
44712	aea8	psph	PST3TMRERR
44713	aea9	psph	PSINVPVMT
44714	aeaa	psph	PSSGCHFAIL
44715	aeab	psph	PVQUEFULL
44716	aeac	psph	PVINVVFSM
44717	aead	psph	PVENVFAIL
44718	aeae	psph	PVINVINPUT
44719	aeaf	psph	PVUNXTMREXP
44720	aeb0	psph	PVINVOUTPUT
44721	aeb1	psph	PVINVEVENT
44722	aeb2	psph	PVINVTMRTP

44723	aeb3	psph	PVTMRFAIL
44724	aeb4	psph	PVVFSMFAIL
44725	aeb5	psph	PVUNEXDATA
44729	aeb9	psph	PSTCCOPER
44730	aeba	psph	PSTCMSEXC
44731	aebb	psph	PVCSENTRY
44732	aebc	psph	PSNA7STUB
44734	aebe	psph	PVERRVOC
44738	aec2	psph	PSTCUSSN
44739	aec3	psph	PSTCINDBAD
44750	aece	pspi	PSPBDLST
44751	aecf	pspi	PSPBLKSZ
44752	aed0	pspi	PSFTOFFBAD
44753	aed1	pspi	PSFROFFBAD
44754	aed2	pspi	PSFLAGBAD
44755	aed3	pspi	PSFCNTBAD
44756	aed4	pspi	PSF2MNYPKTS
44757	aed5	pspi	PSFTOOBIG
44758	aed6	pspi	PSLCBLBAD
44759	aed7	pspi	PSLONGCBL
44760	aed8	pspi	PSBADFFU
44761	aed9	pspi	PSFLASTLOOK
44850	af32	pspp	PSBDCH2L
44851	af33	pspp	PSBADSTATE
44852	af34	pspp	PSTHCERR
44853	af35	pspp	PSTIMCRPT
44854	af36	pspp	PSCPERR
44855	af37	pspp	PSLANCRPT
44856	af38	pspp	PSINTJOS
44857	af39	pspp	PSPKTERR
44858	af3a	pspp	PSSWABMSG
44859	af3b	pspp	PSSWCPY
44860	af3c	pspp	PSLRFDBAD
44861	af3d	pspp	PSLNOTXCMD
44862	af3e	pspp	PSTINPUT
44863	af3f	pspp	PSBADARG
44864	af40	pspp	PSNOGPBD
44865	af41	pspp	PSUNEXOFF
44866	af42	pspp	PSNOIFD
44867	af43	pspp	PSBADIFD
44868	af44	pspp	PSLNKIFD
44869	af45	pspp	PSOWNIFD
44870	af46	pspp	PSBIXIFD
44871	af47	pspp	PSUNEXIFD
44872	af48	pspp	PSUNEXRC
44873	af49	pspp	PSBADHDC
44874	af4a	pspp	PSIFDOOR
44875	af4b	pspp	PSINVCOMB
44876	af4c	pspp	PSINVSEQ
44877	af4d	pspp	PSP8TTYPE
44878	af4e	pspp	PSTRANFRM
44879	af4f	pspp	PSIFDLNK
44880	af50	pspp	PSBADBDU
44881	af51	pspp	PSBDGONE
44882	af52	pspp	PSTEXLLCB
44883	af53	pspp	PSL2HCLLCB
44884	af54	pspp	PSBADACTPB
44885	af55	pspp	PSLANRBDSTART
44886	af56	pspp	PSLTFDBAD
44887	af57	pspp	PSLINVPARM
44888	af58	pspp	PSLTIMEOUT
44889	af59	pspp	PSBDCASLOOP
44890	af5a	pspp	PSLIBAD
44891	af5b	pspp	PSTBADOWNER
44892	af5c	pspp	PSTBADHDC
44893	af5d	pspp	PSTBADTE
44894	af5e	pspp	PSATMHWFAIL
44895	af5f	pspp	PSBADVPI
44950	af96	smpp	PPREPORT
44951	af97	smpp	PPCICTR1
44952	af98	smpp	PPCICTR2
44953	af99	smpp	PPCIINT

44954	af9a	smpp	PPBADTHRESH
44955	af9b	smpp	PPBADERR
44956	af9c	smpp	PPBADINTINFO
44957	af9d	smpp	PPBADMSG
44958	af9e	smpp	PPCHANBIG
44959	af9f	smpp	PPCHIPBIG
44960	afa0	smpp	PPBADPH
44961	afa1	smpp	PPBADPI
44962	afa2	smpp	PPBADINIT
44963	afa3	smpp	PPMMUCRITERR
44964	afa4	smpp	SMSWBADACTION
44965	afa5	smpp	SMSWGACKF
44966	afa6	smpp	SMSWRETSWOS
44967	afa7	smpp	SMSWBMMUPTR
44968	afa8	smpp	SMSWBABORT
44969	afa9	smpp	SMSWBSITYPE
44970	afaa	smpp	SMSWHPQMSG
44971	afab	smpp	PPISMBABBLE
44972	afac	smpp	SMSWCHSIZE
44973	afad	smpp	PPWPSKOV
44974	afae	smpp	PPWPSKUV
44975	afaf	smpp	SMCRNULK
44976	afb0	smpp	PPWPUSER
44977	afb1	smpp	SMCRFORE
44978	afb2	smpp	SMCRLEVEL
44979	afb3	smpp	SMCRCOUNT
44980	afb4	smpp	SMCRNOBEG
44981	afb5	smpp	SMCRBEND
44982	afb6	smpp	PPCHGBAD
44983	afb7	smpp	PPLPIBAD
44984	afb8	smpp	SMMHCLE1
44985	afb9	smpp	SMMHCLE2
44986	afba	smpp	SMMHCLE3
44987	afbb	smpp	SMMHCLE4
44988	afbc	smpp	SMMHCLE5
44989	afbd	smpp	SMMHAUINV
44990	afbe	smpp	SMQLEPWPINV
44991	afbf	smpp	SMQLEPNETINV
44992	afc0	smpp	SMQLMHMSGINV
44993	afc1	smpp	SMQLCMDINV
44994	afc2	smpp	SMQLERRYPINV
44995	afc3	smpp	SMQGLDATA
44996	afc4	smpp	SMQGLSWINV
44997	afc5	smpp	SMQLEPNOTOSDS
44998	afc6	smpp	SMQGLSTINV
44999	afc7	smpp	SMQGLMSGINV
45000	afc8	smpp	SMQGLCMDINV
45001	afc9	smpp	SMQLUDINV
45002	afca	smpp	SMQGLSSINV
45003	afcb	smpp	SMQLQFULL
45004	afcc	smpp	SMQLBDACON
45005	afcd	smpp	SMQLPROFILE
45006	afce	smpp	SMQLEGETPROF
45007	afcf	smpp	SMQLERRPROF
45008	afd0	smpp	SMSIMS_SIDE
45009	afd1	smpp	SMEQGP_RID
45010	afd2	smpp	SMQLN2PB
45011	afd3	smpp	SMQLNETINV
45012	afd4	smpp	SMQPSTINV
45013	afd5	smpp	SMQPEQINV
45014	afd6	smpp	SMQLPBKINV
45015	afd7	smpp	SMQLMQPSINV
45016	afd8	smpp	PPVASYNINTER
45017	afd9	smpp	PPMASKTIMREQF
45018	afda	smpp	SMBADPARAM
45019	afdb	smpp	SMBADCONN
45020	afdc	smpp	SMCONNMSGBAD
45021	afdd	smpp	SMBADPSUCA
45022	afde	smpp	PPPACMINIT
45023	afdf	smpp	PPBADOSEVENT
45024	afe0	smpp	PPACUNXMSG
45025	afe1	smpp	PPACBADMACH

45026	afe2	smpp	PPIMQFULL
45027	afe3	smpp	PPACVFSM
45028	afe4	smpp	PPACUNXINPUT
45029	afe5	smpp	PPPACINAME
45030	afe6	smpp	PP2NDPROV
45031	afe7	smpp	PPACUNXEVT
45032	afe8	smpp	PPMETAGINUSE
45033	afe9	smpp	PPBADTTYPE
45034	afea	smpp	PPNOGETTIMER
45035	afeb	smpp	PPACFSMFAIL
45036	afec	smpp	PPNOSTOP
45037	afed	smpp	PPBADTMSTATIC
45038	afee	smpp	PPBADMETAG
45039	afef	smpp	PPXMQNOTEMPTY
45040	aff0	smpp	PPIMQNOTEMPTY
45041	aff1	smpp	PPINPSZOOB
45042	aff2	smpp	PPBADENUM
45043	aff3	smpp	PPIMQINFLOOP
45044	aff4	smpp	PPXMQFULL
45046	aff6	smpp	SMUNEXHWSTATE
45047	aff7	smpp	PPASNSTP
45048	aff8	smpp	SMBAD_UNIT
45100	b02c	aupp	AUBADMANNER
45101	b02d	aupp	AUBADPARAM
45102	b02e	aupp	AUBADMODE
45103	b02f	aupp	AUBDTTY
45104	b030	aupp	AUPSACID
45105	b031	aupp	AUPSCOND
45106	b032	aupp	AUPMSLG
45107	b033	aupp	AUPSTYLG
45108	b034	aupp	AUPSERREA
45109	b035	aupp	AUPSFUNC
45110	b036	aupp	AUPSITYP
45111	b037	aupp	AUPSBDMS
45112	b038	aupp	AUPSTOPER
45113	b039	aupp	AUPSACSEG
45114	b03a	aupp	AUPSMOD
45115	b03b	aupp	AUPSBADRET
45116	b03c	aupp	AUPSLRBDPOOL
45117	b03d	aupp	KAPSPGERR
45118	b03e	aupp	AUBADUSE
45120	b040	aupp	AUERTRAN
45121	b041	aupp	AUERALARMA
45250	b0c2	pmppp	INMPHBT
45251	b0c3	pmppp	INMPHRS
45252	b0c4	pmppp	INMPHSM
45253	b0c5	pmppp	INMPHPU
45254	b0c6	pmppp	INMPHPT
45255	b0c7	pmppp	INMPHCR
45256	b0c8	pmppp	INMPHIT
45257	b0c9	pmppp	INMPHNM
45258	b0ca	pmppp	INMPHIP
45259	b0cb	pmppp	INMPHIA
45260	b0cc	pmppp	INMPHIM
45261	b0cd	pmppp	INMPHTP
45262	b0ce	pmppp	INMPHBM
45263	b0cf	pmppp	INMPHML
45264	b0d0	pmppp	INMPHSD
45265	b0d1	pmppp	INMPHPI
45266	b0d2	pmppp	INMPHIF
45267	b0d3	pmppp	INMPHNR
45268	b0d4	pmppp	INMPHBF
45269	b0d5	pmppp	INMPHEF
45270	b0d6	pmppp	INMPHNB
45271	b0d7	pmppp	INMPHLE
45272	b0d8	pmppp	INMPHNA
45273	b0d9	pmppp	INMPHTO
45274	b0da	pmppp	INMPHSC
45275	b0db	pmppp	INMPHER
49999	c34f	unk	OUT OF RANGE

5E12 Numeric Index

1. 5E12 Numeric Index: 0-949

ERROR CODE	PRM CODE	RANGE	MNEMONIC
0	0	dsmkp	SMUNK_EVNT
6	6	dsmkp	SMUNK_TOUT
7	7	dsmkp	SM7SK_Q_ERR
8	8	dsmkp	SMUSER_ERR
9	9	dsmkp	SMTQ_OVFLW
10	a	dsmkp	SMNOMSGE
11	b	dsmkp	SMBAD_TOUT
12	c	dsmkp	SMUNK_MSG
13	d	dsmkp	SMCILBLCL
14	e	dsmkp	SMCRIT_VIOL
15	f	dsmkp	SMUSER_Q_ERR
16	10	dsmkp	SMCNOPT
17	11	dsmkp	SMBAD_USTATE
18	12	dsmkp	SMNO_AIM
19	13	dsmkp	SMNO_TQE
20	14	dsmkp	SMNO_PORT
21	15	dsmkp	SMNO_CMKP
22	16	dsmkp	SMCMOPFAIL
23	17	dsmkp	SMNODBPCD
24	18	dsmkp	SMNONPCD
25	19	dsmkp	SMUNK_ACK
26	1a	dsmkp	SMBADACK
27	1b	dsmkp	SMCPRCSPP
28	1c	dsmkp	SMCSWFLT
50	32	dsmkp	SMBADMSG
51	33	dsmkp	SMBADPAR
52	34	dsmkp	SMBACTYPE
53	35	dsmkp	SMNOMSG
54	36	dsmkp	SM54BADACK
55	37	dsmkp	SMPCDERR
56	38	dsmkp	SMNOPCD
57	39	dsmkp	SMNOEQUIP
60	3c	dsmkp	SM60BADMSG
61	3d	dsmkp	SMBDMSTYP
62	3e	dsmkp	SMBADPCD
63	3f	dsmkp	SMBDCALL
64	40	dsmkp	SMCONAP
65	41	dsmkp	SMMEAP
66	42	dsmkp	SMGTMAP
67	43	dsmkp	SMNOSLOTAP
68	44	dsmkp	SMEECDAP
69	45	dsmkp	SMOPENAP
70	46	dsmkp	SMUECDAP
71	47	dsmkp	SMHMAP
72	48	dsmkp	SMSTCAP
73	49	dsmkp	SMKP73
74	4a	dsmkp	SMKP74
75	4b	dsmkp	SMKP75
76	4c	dsmkp	SMKP76
77	4d	dsmkp	SMKP77
78	4e	dsmkp	SMKP78
79	4f	dsmkp	SMKP79
80	50	dsmkp	SMKP80
81	51	dsmkp	SMKP81
82	52	dsmkp	SMURECAP
83	53	dsmkp	SMRTSAP
84	54	dsmkp	SMLINKBAD
85	55	dsmkp	SMBADhHMSG
86	56	dsmkp	SMMAPBAD
88	58	dsmkp	SMKP88
89	59	dsmkp	SMKP89
90	5a	dsmkp	SMKP90
100	64	dsmkp	SMASTONP
101	65	dsmkp	SMASTOBRPT
102	66	dsmkp	SMASTDBRDF

103	67	dsmkp	SMBDINCV
104	68	dsmkp	SMIIONLP
105	69	dsmkp	SMIIONPCD
106	6a	dsmkp	SMIIONLRM
107	6b	dsmkp	SMIIONNR
108	6c	dsmkp	SMIIONAR
109	6d	dsmkp	SMIISONP
110	6e	dsmkp	SMIISONOPCD
111	6f	dsmkp	SMIISOBM
112	70	dsmkp	SMIISOCARD
113	71	dsmkp	SMIIAAUE
150	96	dsmkp	SMAUBINT
151	97	dsmkp	SMAUBERR
152	98	dsmkp	SMAUBSWT
153	99	dsmkp	SMAUBRST
154	9a	dsmkp	SMAUBRMU
155	9b	dsmkp	SMAUBADT
156	9c	dsmkp	SMAUCLK
157	9d	dsmkp	SMAUBTYP
158	9e	dsmkp	SMAUBREQ
159	9f	dsmkp	SMAUBMSG
160	a0	dsmkp	SMAUBSDE
162	a2	dsmkp	SMAUTLNK
163	a3	dsmkp	SMAUTADT
165	a5	dsmkp	SMAUTPRM
166	a6	dsmkp	SMAURTER
167	a7	dsmkp	SMAURFLK
168	a8	dsmkp	SMAUBTYM
169	a9	dsmkp	SMAUBSTA
170	aa	dsmkp	SMAUBSNT
200	c8	dsmkp	SMNCINCL
201	c9	dsmkp	SMNCINRF
202	ca	dsmkp	SMNCRDCL
203	cb	dsmkp	SMNCRDF
204	cc	dsmkp	SMNCPSRF
205	cd	dsmkp	SMNCRPRF
206	ce	dsmkp	SMNCSPMD
207	cf	dsmkp	SMNCSPCM
208	d0	dsmkp	SMNCSPPR
209	d1	dsmkp	SMNCSPFN
210	d2	dsmkp	SMNCRWTD
211	d3	dsmkp	SMNCLBTO
212	d4	dsmkp	SMNCANYM
213	d5	dsmkp	SMNCCMMT
214	d6	dsmkp	SMNCTGUN
215	d7	dsmkp	SMNCSHMT
216	d8	dsmkp	SMNCDMMT
217	d9	dsmkp	SMNCCMFP
218	da	dsmkp	SMNCFRAC
219	db	dsmkp	SMNCFRSC
220	dc	dsmkp	SMNCFRAR
221	dd	dsmkp	SMNCFRRC
222	de	dsmkp	SMNCIMRF
223	df	dsmkp	SMNCMDMD
224	e0	dsmkp	SMNCRIST
225	e1	dsmkp	SMNCRITL
226	e2	dsmkp	SMNCRIPS
227	e3	dsmkp	SMNCRISS
228	e4	dsmkp	SMNCRIXS
229	e5	dsmkp	SMNCRIRP
230	e6	dsmkp	SMNCRICS
231	e7	dsmkp	SMNCRIDS
232	e8	dsmkp	SMNCRICE
233	e9	dsmkp	SMNCADPR
234	ea	dsmkp	SMNCADSR
235	eb	dsmkp	SMNCADXC
236	ec	dsmkp	SMNCADUN
237	ed	dsmkp	SMNCSCER
238	ee	dsmkp	SMNCSRRF
239	ef	dsmkp	SMNCSRER
240	f0	dsmkp	SMNCRRAC
241	f1	dsmkp	SMNCSMMD

242	f2	dsmkp	SMNCRRF1
243	f3	dsmkp	SMNCRRER
244	f4	dsmkp	SMNCRRWC
245	f5	dsmkp	SMNCRCCL
246	f6	dsmkp	SMNCTTYO
250	fa	dsmkp	SMDMCMKP
251	fb	dsmkp	SMDMOUTMSG
252	fc	dsmkp	SMDMPARAM
253	fd	dsmkp	SMDMSCPCHK
254	fe	dsmkp	SMDMINVDLI
255	ff	dsmkp	SMDMGDOOR
256	100	dsmkp	SMDMMSTYPE
257	101	dsmkp	SMDMACTION
258	102	dsmkp	SMDMBADLOG
259	103	dsmkp	SMDMILLID
260	104	dsmkp	SMDMREADST
261	105	dsmkp	SMDMNODSPY
262	106	dsmkp	SMDMMSGEN
263	107	dsmkp	SMDMCONPORT
264	108	dsmkp	SMDMFRDTUP
265	109	dsmkp	SMDMINVUNIT
266	10a	dsmkp	SMDMNOTFND
267	10b	dsmkp	SMDMETYPE
268	10c	dsmkp	SMDMQSEND
269	10d	dsmkp	SMDMONCREATE
272	110	dsmkp	SMDMDDREAD
273	111	dsmkp	SMDMIPARM
274	112	dsmkp	SMDMDLINP
275	113	dsmkp	SMDMBADQREQ
276	114	dsmkp	SMDMODDFAIL
277	115	dsmkp	SMDMPASFAIL
280	118	dsmkp	SMNOPC
281	119	dsmkp	SMWGMMSG
282	11a	dsmkp	SMNOSCAN
283	11b	dsmkp	SMCNTDGN
284	11c	dsmkp	SMINVSTATE
285	11d	dsmkp	SMFAILREQ
286	11e	dsmkp	SMQUTIMOUT
287	11f	dsmkp	SMUNREC
288	120	dsmkp	SMNOEVTNO
289	121	dsmkp	SMNOLG
290	122	dsmkp	SMINVDIST
291	123	dsmkp	SMUNSEND
292	124	dsmkp	SMINITSCSDA
293	125	dsmkp	SMWGFUNC
294	126	dsmkp	SMUNKMTST
295	127	dsmkp	SMFULLARY
296	128	dsmkp	SMDMAMVRFERR
297	129	dsmkp	SMCMKPNOACK
298	12a	dsmkp	SMFSMPRCVF
299	12b	dsmkp	SMPHYTOLOGF
300	12c	dsmkp	SMQINVNTWK
301	12d	dsmkp	SMQUINVDQLST
302	12e	dsmkp	SMINPSTINV
303	12f	dsmkp	SMQUBADMSGTY
304	130	dsmkp	SMQUSTFERR
305	131	dsmkp	SMQUSNDSMPF
306	132	dsmkp	SMQATPASF
307	133	dsmkp	SMQATODDF
308	134	dsmkp	SMINVCLOACK
309	135	dsmkp	SMQUENMSGF
310	136	dsmkp	SMCMKPOPNF
311	137	dsmkp	SMCMKPCLOF
312	138	dsmkp	SMQUINVPST
313	139	dsmkp	SMQNETCREATE
500	1f4	dcmkp	CMAUKPPT
501	1f5	dcmkp	CMAUKPMT
502	1f6	dcmkp	CMAUSFLT
550	226	dcmdrv	CMAUPORT
551	227	dcmdrv	CMAUMTYP
552	228	dcmdrv	CMAUADMA
553	229	dcmdrv	CMAUPJOB

554	22a	dcmdrv	CMAUNORG
555	22b	dcmdrv	CMAUNDST
556	22c	dcmdrv	CMAUNOOS
557	22d	dcmdrv	CMAUQFLL
558	22e	dcmdrv	CMAUCMA
559	22f	dcmdrv	CMAUIOOP
560	230	dcmdrv	CMAUNUCB
600	258	dhmo	HMSIP_0
601	259	dhmo	HMSIP_1
602	25a	dhmo	HMSIP_2
603	25b	dhmo	HMSIP_3
606	25e	dhmo	HMSIP_6
607	25f	dhmo	HMSIP_7
608	260	dhmo	HMSIP_8
609	261	dhmo	HMSIP_9
610	262	dhmo	HMSIP_10
611	263	dhmo	HMSIP_11
613	265	dhmo	HMSIP_13
615	267	dhmo	HMSIP_15
617	269	dhmo	HMSIP_17
630	276	dhmo	HMSIP_30
632	278	dhmo	HMSIP_32
633	279	dhmo	HMSIP_33
634	27a	dhmo	HMSIP_34
635	27b	dhmo	HMSIP_35
636	27c	dhmo	HMSIP_36
637	27d	dhmo	HMSIP_37
660	294	dhmo	HMLOG_0
661	295	dhmo	HMLOG_1
662	296	dhmo	HMLOG_2
663	297	dhmo	HMLOG_3
665	299	dhmo	HMLOG_5
666	29a	dhmo	HMLOG_6
667	29b	dhmo	HMLOG_7
668	29c	dhmo	HMLOG_8
669	29d	dhmo	HMLOG_9
670	29e	dhmo	HMLOG_10
700	2bc	daim	SIINVEV
702	2be	daim	SIBMS_TYPE
703	2bf	daim	SIBIN_TYPE
705	2c1	daim	SIBSI_TYPE
706	2c2	daim	SIBTYPE
709	2c5	daim	SIFASRTMSG
710	2c6	daim	INBAIMPORT
711	2c7	daim	INBCMCKPACK
713	2c9	daim	INBTIMER
714	2ca	daim	INITTIMEOUT
715	2cb	daim	SIFAULTED
717	2cd	daim	INDUPII
718	2ce	daim	INMSGUNEX
727	2d7	daim	IMBMS_TYPE
728	2d8	daim	IMBIN_TYPE
729	2d9	daim	IM_LOOPCNT
737	2e1	daim	SI_KLOCK
739	2e3	daim	INUNSPPSEQ
740	2e4	daim	IM_LKDATA
741	2e5	daim	INBSEQSTATE
742	2e6	daim	SIBDAPIID
743	2e7	daim	INBADPORT
744	2e8	daim	INFAULTFAIL
745	2e9	daim	SIBOSTCODE
746	2ea	daim	INNOTRIG
747	2eb	daim	SITMSGBUF
748	2ec	daim	SITMSGQUE
749	2ed	daim	SITADDTSK
750	2ee	daim	SITINITFAIL
751	2ef	daim	SITADDRES
752	2f0	daim	SITPRMBUF
753	2f1	daim	SITPRMQUE
754	2f2	daim	SITTSKACT
755	2f3	daim	SITRESET
756	2f4	daim	SITTSKTYP

757	2f5	daim	SITINITTIMEOUT
758	2f6	daim	SIINVREQINIT
759	2f7	daim	SIDDWERR
761	2f9	daim	INBOTYPE
762	2fa	daim	IM_LKRET
765	2fd	daim	INNOMSGBUF
766	2fe	daim	INSNDFLTFAIL
767	2ff	daim	INSNDEVTFAIL
768	300	daim	SIINVINIT
769	301	daim	SIAPPLPARM
770	302	daim	SIINVMSG
771	303	daim	INECDFAIL
772	304	daim	INCONFIGFAIL
773	305	daim	SIINVRET
774	306	daim	SICONFIGFAIL
775	307	daim	SIUNCONDFAIL
776	308	daim	SIINVOSTFAIL
777	309	daim	SITMRINACT
778	30a	daim	SITMROVFLOW
779	30b	daim	SIAMDWFALL
780	30c	daim	INPMCOMFAIL
781	30d	daim	SIALOCFAIL
782	30e	daim	SIQMFALL
783	30f	daim	INBADSEQST
784	310	daim	SIBADPARAM
785	311	daim	SIOVRSTIMER
786	312	daim	SIFLOWERR
787	313	daim	SIBADTTY
788	314	daim	INTMTOUT
789	315	daim	INSYSIMSGFAIL
790	316	daim	SINOTSKBLK
791	317	daim	SISMKPFALL
792	318	daim	SIDBRDERR
793	319	daim	SIDDRDERR
794	31a	daim	INFPTOUT
795	31b	daim	IM_LK_CNT
796	31c	daim	IM_BADU2PRET
797	31d	daim	IM_BADP2URET
949	3b5	daim	SIASTAUD

2. 5E12 Numeric Index: 950-1599

ERROR CODE	PRM CODE	RANGE	MNEMONIC
951	3b7	ddg	DGPE32
952	3b8	ddg	DGPE33
953	3b9	ddg	DGPE34
954	3ba	ddg	DGPE35
955	3bb	ddg	DGPE36
956	3bc	ddg	DGPE37
957	3bd	ddg	DGPE38
958	3be	ddg	DGPE39
959	3bf	ddg	DGPE40
960	3c0	ddg	DGPE41
961	3c1	ddg	DGPE42
962	3c2	ddg	DGPE43
968	3c8	ddg	DGRXE1
969	3c9	ddg	DGRXE2
970	3ca	ddg	DGRXE3
971	3cb	ddg	DGRXE4
972	3cc	ddg	DGRXE5
973	3cd	ddg	DGRXE6
974	3ce	ddg	DGRXE7
975	3cf	ddg	DGRXE8
977	3d1	ddg	DGRXE10
978	3d2	ddg	DGRXE11
979	3d3	ddg	DGRXE12
980	3d4	ddg	DGRXE13
981	3d5	ddg	DGRXE14
982	3d6	ddg	DGRXE15
1050	41a	dctsp	INPUALCS
1051	41b	dctsp	INPUSTMP

1052	41c	dctsp	INPUFLT
1053	41d	dctsp	INPUADSG
1054	41e	dctsp	INPUSDPT
1055	41f	dctsp	INPUCOPN
1056	420	dctsp	INPUBADSCNAME
1057	421	dctsp	INPUALKS
1058	422	dctsp	INPUPNSP
1059	423	dctsp	INPUEVT
1060	424	dctsp	INPUGRSG
1061	425	dctsp	INPURIMSUMERR
1062	426	dctsp	INPUFREE
1063	427	dctsp	INPUINVEV
1064	428	dctsp	INPUINVMS
1065	429	dctsp	INPUBMAG
1066	42a	dctsp	INPUSAEA
1067	42b	dctsp	INPUPRI
1068	42c	dctsp	INPUULCK
1069	42d	dctsp	INPUREAD
1070	42e	dctsp	INPUFOPN
1071	42f	dctsp	INPUFCLS
1072	430	dctsp	INPUALOC
1073	431	dctsp	INPUCANC
1074	432	dctsp	INPUMXB
1075	433	dctsp	INPUTIMER
1076	434	dctsp	INPUDSKB
1077	435	dctsp	INPUABRT
1078	436	dctsp	INPUCONP
1079	437	dctsp	INPUCPMMSG
1080	438	dctsp	INPUSFLT
1081	439	dctsp	INPUSMSG
1082	43a	dctsp	INPUSEG
1083	43b	dctsp	INPUNOBAD
1084	43c	dctsp	INPUSZBAD
1085	43d	dctsp	INPUFILMX
1087	43f	dctsp	INPUFIN
1088	440	dctsp	INPUFHF
1089	441	dctsp	INPUACKF
1090	442	dctsp	INPUNOLNK
1091	443	dctsp	INPUINVPTYPE
1092	444	dctsp	INLBCPNOSM
1093	445	dctsp	INPUNOCRC
1094	446	dctsp	INPLFMAG
1100	44c	dctsp	INPULINK
1101	44d	dctsp	INPURQFN
1102	44e	dctsp	INPULNKQ
1104	450	dctsp	INPUPAS
1105	451	dctsp	INPUODD
1111	457	dctsp	INPUOAOP
1112	458	dctsp	INPUOARP
1113	459	dctsp	INPUOARR
1114	45a	dctsp	INPUOACL
1115	45b	dctsp	INPUEISS
1117	45d	dctsp	INPUWRDD
1118	45e	dctsp	INTOFLT
1119	45f	dctsp	INPUNOSCN
1150	47e	dfp	INPUALCS
1151	47f	dfp	INPUSTMP
1152	480	dfp	INPUFLT
1153	481	dfp	INPUADSG
1154	482	dfp	INPUSDPT
1155	483	dfp	INPUCOPN
1156	484	dfp	INRIMFND
1157	485	dfp	INPUALKS
1158	486	dfp	INPUPNSP
1159	487	dfp	INPUEVT
1160	488	dfp	INPUGRSG
1161	489	dfp	INPUBADSCNAME
1162	48a	dfp	INPUFREE
1163	48b	dfp	INPUINVEV
1164	48c	dfp	INPUINVMS
1165	48d	dfp	INPUBMAG
1166	48e	dfp	INPUSAEA

1167	48f	dfp	INPUPRI
1168	490	dfp	INPUULCK
1169	491	dfp	INPUREAD
1170	492	dfp	INPUFOPN
1171	493	dfp	INPUFCLS
1172	494	dfp	INPUALOC
1173	495	dfp	INPUCANC
1174	496	dfp	INPUMXB
1175	497	dfp	INPUTIMER
1176	498	dfp	INPUDSKB
1177	499	dfp	INPUABRT
1178	49a	dfp	INPUCONP
1179	49b	dfp	INPUCPMSG
1180	49c	dfp	INPUSFLT
1181	49d	dfp	INPUSMSG
1182	49e	dfp	INPUSEG
1183	49f	dfp	INPUNOBAD
1184	4a0	dfp	INPURIMSUMERR
1185	4a1	dfp	INPUFILMX
1186	4a2	dfp	INPUSZBAD
1187	4a3	dfp	INPUFIN
1188	4a4	dfp	INPUFHF
1189	4a5	dfp	INPUACKF
1190	4a6	dfp	INPUNOLNK
1191	4a7	dfp	INFPNOBSMS
1192	4a8	dfp	INPUNOSCN
1193	4a9	dfp	INPUNOCRC
1194	4aa	dfp	INPLFMAG
1202	4b2	dfp	INPUBLKB
1203	4b3	dfp	INPURCVM
1204	4b4	dfp	INPUFDSK
1209	4b9	dfp	INPUFPAS
1210	4ba	dfp	INPUFODD
1211	4bb	dfp	INPUOAOP
1212	4bc	dfp	INPUOARP
1213	4bd	dfp	INPUOARR
1214	4be	dfp	INPUOACL
1215	4bf	dfp	INPUEISS
1217	4c1	dfp	INPUWRDD
1218	4c2	dfp	INPUPLVL
1219	4c3	dfp	INPULBRQ
1220	4c4	dfp	INPUJTR
1221	4c5	dfp	INPUPTYT
1222	4c6	dfp	INUPINCON
1223	4c7	dfp	INTOFLT
1250	4e2	dpucr	INPCPORT
1251	4e3	dpucr	INPCINVEV
1252	4e4	dpucr	INPCFLT
1253	4e5	dpucr	INPCSNDPT
1254	4e6	dpucr	INPCOPN
1255	4e7	dpucr	INPCORPHAN
1256	4e8	dpucr	INPCINVMMSG
1257	4e9	dpucr	INPCCRTE
1258	4ea	dpucr	INPCSWAP
1259	4eb	dpucr	INPCPRI
1260	4ec	dpucr	INPCABORT
1261	4ed	dpucr	INPCBPORT
1262	4ee	dpucr	INPCSFLT
1263	4ef	dpucr	INPCDQUE
1264	4f0	dpucr	INPCTYPE
1265	4f1	dpucr	INPCCRTIME
1267	4f3	dpucr	INPCTERM
1268	4f4	dpucr	INPCSCPMMSG
1271	4f7	dpucr	INPCGTMSG
1272	4f8	dpucr	INBPAODD
1273	4f9	dpucr	PUCR23
1275	4fb	dpucr	INPCMNT
1276	4fc	dpucr	INPCSMSG
1277	4fd	dpucr	INPCQFULL
1278	4fe	dpucr	INPCNOPUMP
1279	4ff	dpucr	INPCSTATE
1280	500	dpucr	INPCFTIME

1281	501	dpucr	INPCTTIME
1282	502	dpucr	INPCDIME
1283	503	dpucr	INPCAETN
1284	504	dpucr	INPCNODIR
1285	505	dpucr	INBPFREE
1286	506	dpucr	INBPALCS
1287	507	dpucr	INBPSMSG
1288	508	dpucr	INBPALOC
1289	509	dpucr	INBPADSG
1290	50a	dpucr	INBPSTMP
1291	50b	dpucr	INBPTIME
1292	50c	dpucr	INBPOARR
1293	50d	dpucr	INBPALKS
1294	50e	dpucr	INBPOARP
1295	50f	dpucr	INBPOAOP
1296	510	dpucr	INBPNOSM
1297	511	dpucr	INBPBADP
1298	512	dpucr	INBPSize
1299	513	dpucr	INBPBADS
1300	514	dpucr	INPCCONTIME
1301	515	dpucr	INPUEISS
1350	546	dmsdrv	SMMMMSG
1351	547	dmsdrv	SMMMEACKM
1352	548	dmsdrv	SMMMEDEQMSG
1353	549	dmsdrv	SMMMMTIP
1354	54a	dmsdrv	SMMMDQFAIL
1355	54b	dmsdrv	SMMMISEQ
1356	54c	dmsdrv	SMMMSFE
1357	54d	dmsdrv	SMMMBSTE
1358	54e	dmsdrv	SMMMBADFLT
1359	54f	dmsdrv	SMMMBADEQID
1360	550	dmsdrv	SMMMBCC
1361	551	dmsdrv	SMMMSDMSG
1362	552	dmsdrv	SMMMQFAIL
1363	553	dmsdrv	SMMMRQTFAIL
1364	554	dmsdrv	SMMMOTIFAIL
1365	555	dmsdrv	SMMMVREQ
1366	556	dmsdrv	SMMMEGPM
1367	557	dmsdrv	SMMMRDSTATE
1368	558	dmsdrv	SMMMPICINT
1369	559	dmsdrv	SMMMEGPTA
1370	55a	dmsdrv	SMMMEASNDMA
1371	55b	dmsdrv	SMMMUNLOCK
1372	55c	dmsdrv	SMMMDDELDMA
1373	55d	dmsdrv	SMMMDDELTIME
1374	55e	dmsdrv	SMMMABTDGN
1375	55f	dmsdrv	SMMMABTSRT
1376	560	dmsdrv	SMMMEFSET
1377	561	dmsdrv	SMMMEDMAJN
1378	562	dmsdrv	SMMMETIME
1379	563	dmsdrv	SMMMDBFR
1380	564	dmsdrv	SMMMTOMSG
1381	565	dmsdrv	SMMMBTO
1382	566	dmsdrv	SMMMBXMIT
1383	567	dmsdrv	SMERCMSIM
1384	568	dmsdrv	SMDLDEIB
1385	569	dmsdrv	SMEIBPING
1386	56a	dmsdrv	SMINITCMSIM
1387	56b	dmsdrv	SMRSTCMSIM
1388	56c	dmsdrv	SMVTOP
1389	56d	dmsdrv	SMREQCMSIM
1390	56e	dmsdrv	SMKPMQBAD
1400	578	dmsdrv	SMPPMSGB
1403	57b	dmsdrv	SMPPACKM
1404	57c	dmsdrv	SMPPEQID
1405	57d	dmsdrv	SMPPREQT
1406	57e	dmsdrv	SMPPDELT
1407	57f	dmsdrv	SMPPDEQM
1408	580	dmsdrv	SMPPQUEM
1409	581	dmsdrv	SMPPOVFM
1410	582	dmsdrv	SMPPPICR
1411	583	dmsdrv	SMPPMBDM

1412	584	dmsdrv	SMPPRDST
1413	585	dmsdrv	SMPTTINX
1414	586	dmsdrv	SMPPERTM
1415	587	dmsdrv	SMPPHSER
1416	588	dmsdrv	SMPPSFLT
1417	589	dmsdrv	SMPPIVFLT
1450	5aa	dmsdrv	SMFPMSGB
1451	5ab	dmsdrv	SMFPACKM
1452	5ac	dmsdrv	SMFPEQID
1453	5ad	dmsdrv	SMFPREQT
1454	5ae	dmsdrv	SMFPDELT
1455	5af	dmsdrv	SMFPDEQM
1456	5b0	dmsdrv	SMFPQUEM
1457	5b1	dmsdrv	SMFPOVFM
1458	5b2	dmsdrv	SMFPPICR
1459	5b3	dmsdrv	SMFPMBDM
1460	5b4	dmsdrv	SMFPRDST
1461	5b5	dmsdrv	SMFPTINX
1462	5b6	dmsdrv	SMFPHSER
1463	5b7	dmsdrv	SMFPSEGE
1464	5b8	dmsdrv	SMFPHDMA
1465	5b9	dmsdrv	SMFPERTM
1466	5ba	dmsdrv	SMFPSFLT
1467	5bb	dmsdrv	SMFPIVFLT
1468	5bc	dmsdrv	SMFPERTO
1469	5bd	dmsdrv	SMFPCRTO
1470	5be	dmsdrv	SMFPTIV
1471	5bf	dmsdrv	SMFPIPMB
1472	5c0	dmsdrv	SMFPBPMB
1473	5c1	dmsdrv	SMFPCNSRC
1500	5dc	dmsdrv	SMMSEMSG
1501	5dd	dmsdrv	SMMSEACKM
1502	5de	dmsdrv	SMMSEMPROC
1503	5df	dmsdrv	SMMSMTIP
1504	5e0	dmsdrv	SMMSDQFAIL
1505	5e1	dmsdrv	SMMSSSEQINV
1506	5e2	dmsdrv	SMMSBADTEXT
1507	5e3	dmsdrv	SMMSFATAL
1508	5e4	dmsdrv	SMMSBADFLT
1509	5e5	dmsdrv	SMMSBADQID
1510	5e6	dmsdrv	SMMSBPIQFULL
1511	5e7	dmsdrv	SMMSESND
1512	5e8	dmsdrv	SMMSQFAIL
1513	5e9	dmsdrv	SMMSRQTFAIL
1514	5ea	dmsdrv	SMMSOTIFAIL
1515	5eb	dmsdrv	SMMSATTECD
1516	5ec	dmsdrv	SMMSEATCH
1517	5ed	dmsdrv	SMMSELLA
1518	5ee	dmsdrv	SMMSEUCB
1519	5ef	dmsdrv	SMMSFUCB
1520	5f0	dmsdrv	SMMSEIATCH
1521	5f1	dmsdrv	SMMSEGPTA
1522	5f2	dmsdrv	SMMSEASNDMA
1523	5f3	dmsdrv	SMMSENINT
1524	5f4	dmsdrv	SMMSEMAJN
1525	5f5	dmsdrv	SMMSETIM
1526	5f6	dmsdrv	SMMSDELDMA
1527	5f7	dmsdrv	SMMSDELTIME
1528	5f8	dmsdrv	SMMSREQTIME
1529	5f9	dmsdrv	SMMSUNLOCK
1530	5fa	dmsdrv	SMMSDDREAD
1531	5fb	dmsdrv	SMMSDISAB
1532	5fc	dmsdrv	SMMSEECD
1533	5fd	dmsdrv	SMMSBADSQIP
1534	5fe	dmsdrv	SMMSODDNG
1535	5ff	dmsdrv	SMMSODDER
1536	600	dmsdrv	SMMSPUMPNG
1537	601	dmsdrv	SMMSFILENG
1538	602	dmsdrv	SMMSINCTI
1539	603	dmsdrv	SMMSINPFS
1540	604	dmsdrv	SMMSINCMVINT
1541	605	dmsdrv	SMMSLCREAD

1549	60d	dmsdrv	SMKPUSRACK
1550	60e	dmsdrv	SMKPSEG_BAD
1551	60f	dmsdrv	SMKPEQID_BAD
1552	610	dmsdrv	SMKPMPORT_NG
1553	611	dmsdrv	SMKPMBUF_FAIL
1554	612	dmsdrv	SMKPSMSG_FAIL
1555	613	dmsdrv	SMKPDGNST_BAD
1556	614	dmsdrv	SMKPSMSG_UNKN
1557	615	dmsdrv	SMKPS7RECOV
1558	616	dmsdrv	SMKPUCBR_UNKN
1559	617	dmsdrv	SMKPSW_FLT

3. 5E12 Numeric Index: 1560-2679

ERROR CODE	PRM CODE	RANGE	MNEMONIC
1560	618	dmsdrv	SMKPSEQIP_BAD
1561	619	dmsdrv	SMKPRADD_BAD
1562	61a	dmsdrv	SMKPPTA_NG
1563	61b	dmsdrv	SMKPADMA_FAIL
1564	61c	dmsdrv	SMKPPTBL_FULL
1565	61d	dmsdrv	SMKPPTLK_BAD
1566	61e	dmsdrv	SMKPPTEN_BAD
1567	61f	dmsdrv	SMDLINDEXT_NG
1568	620	dmsdrv	SMDLSTIMULI_NG
1569	621	dmsdrv	SMDLNOTIMER
1570	622	dmsdrv	SMDLSMSG_FAIL
1571	623	dmsdrv	SMDLMSG_LOST
1572	624	dmsdrv	SMDLMSGPTR_NG
1573	625	dmsdrv	SMDLWDTOU
1574	626	dmsdrv	SMDLER_CLOSE
1575	627	dmsdrv	SMDLER_SHRINK
1576	628	dmsdrv	SMDLER_OPEN
1577	629	dmsdrv	SMDLER_READ
1578	62a	dmsdrv	SMDLER_GROW
1579	62b	dmsdrv	SMDLCT_FULL
1580	62c	dmsdrv	SMDLNEQ_ODD
1581	62d	dmsdrv	SMDLNG_ODD
1582	62e	dmsdrv	SMDLCT_HUNG
1583	62f	dmsdrv	SMKPCMKP_FAIL
1584	630	dmsdrv	SMDLLASTST_NG
1585	631	dmsdrv	SMDLWAIT_NG
1586	632	dmsdrv	SMDLRET_NG
1587	633	dmsdrv	SMWLIST_FILL
1588	634	dmsdrv	SMFDLKMS
1589	635	dmsdrv	SMFDLKFP
1590	636	dmsdrv	SMFDLKMM
1591	637	dmsdrv	SMFDLKPP
1592	638	dmsdrv	SMFRAMMS
1593	639	dmsdrv	SMFRAMFP
1594	63a	dmsdrv	SMFRAMMM
1595	63b	dmsdrv	SMFRAMPP
1596	63c	dmsdrv	SMKPOORTIME
1597	63d	dmsdrv	SMKPPLAC
1598	63e	dmsdrv	SMKPD Mert
1599	63f	dmsdrv	SMKPERDGET
1600	640	dmsdrv	SMKPEUCB
1601	641	dmsdrv	SMKPBAD CRAFT
1602	642	dmsdrv	SMKPD DREAD
1603	643	dmsdrv	SMIPINST
1604	644	dmsdrv	SMIPINET
1605	645	dmsdrv	SMIPINPE
1606	646	dmsdrv	SMIPINPL
1607	647	dmsdrv	SMIPINPTR
1608	648	dmsdrv	SMIPINDMA
1609	649	dmsdrv	SMIPINCC
1610	64a	dmsdrv	SMIPINEN
1611	64b	dmsdrv	SMIPRTFAIL
1612	64c	dmsdrv	SMIPDELFAIL
1613	64d	dmsdrv	SMIPTONP
1614	64e	dmsdrv	SMIPINPCR
1615	64f	dmsdrv	SMIPVERFAIL

1616	650	dmsdrv	SMIPINIT
1625	659	dmsdrv	SMIQINFLE
1626	65a	dmsdrv	SMIQINDMA
1627	65b	dmsdrv	SMIQINPL
1628	65c	dmsdrv	SMIQINCC
1629	65d	dmsdrv	SMIQINEN
1630	65e	dmsdrv	SMIQINIT
1631	65f	dmsdrv	SMIQINST
1632	660	dmsdrv	SMIQINET
1633	661	dmsdrv	SMIQINPCNT
1634	662	dmsdrv	SMIQDELFAIL
1635	663	dmsdrv	SMIQRFAIL
1636	664	dmsdrv	SMIQTORQ
1637	665	dmsdrv	SMFRAMQP
1638	666	dmsdrv	SMDLCTBDATA
1750	6d6	dmsdrv	SMPIBADEQID
1751	6d7	dmsdrv	SMPIEMSG
1752	6d8	dmsdrv	SMPIEACKM
1753	6d9	dmsdrv	SMPIEDEQMSG
1754	6da	dmsdrv	SMPIMTIP
1755	6db	dmsdrv	SMPIDQFAIL
1756	6dc	dmsdrv	SMPIISEQ
1757	6dd	dmsdrv	SMPISFE
1758	6de	dmsdrv	SMPIBADFLT
1759	6df	dmsdrv	SMPIBCC
1760	6e0	dmsdrv	SMPISDMSG
1761	6e1	dmsdrv	SMPIQFAIL
1762	6e2	dmsdrv	SMPIRQTFAIL
1763	6e3	dmsdrv	SMPIOTIFAIL
1764	6e4	dmsdrv	SMPIVREQ
1765	6e5	dmsdrv	SMPIEGPM
1766	6e6	dmsdrv	SMPIRDSTATE
1767	6e7	dmsdrv	SMPIEGPTA
1768	6e8	dmsdrv	SMPIEASNDMA
1769	6e9	dmsdrv	SMPIUNLOCK
1770	6ea	dmsdrv	SMPIDELDMA
1771	6eb	dmsdrv	SMPIDELTIME
1772	6ec	dmsdrv	SMPIABTDGN
1773	6ed	dmsdrv	SMPIABTSRT
1774	6ee	dmsdrv	SMPIETIME
1775	6ef	dmsdrv	SMPIEDMAJN
1776	6f0	dmsdrv	SMPIBTO
1777	6f1	dmsdrv	SMPIBXMIT
1800	708	dmsdrv	SMQGABTSRT
1801	709	dmsdrv	SMQGBEQID
1802	70a	dmsdrv	SMQGBFC
1803	70b	dmsdrv	SMQGBTO
1804	70c	dmsdrv	SMQGBXMIT
1805	70d	dmsdrv	SMQGDELDMA
1806	70e	dmsdrv	SMQGDELTIME
1807	70f	dmsdrv	SMQGDQFAIL
1808	710	dmsdrv	SMQGEACKM
1809	711	dmsdrv	SMQGEASNDMA
1810	712	dmsdrv	SMQGEIPMSG
1811	713	dmsdrv	SMQGEDMAJN
1812	714	dmsdrv	SMQGEIPMSG
1813	715	dmsdrv	SMQGEIPMSG
1814	716	dmsdrv	SMQGEIPMSG
1815	717	dmsdrv	SMQGETIME
1816	718	dmsdrv	SMQGEIPMSG
1817	719	dmsdrv	SMQGEIPMSG
1818	71a	dmsdrv	SMQGEIPMSG
1819	71b	dmsdrv	SMQGEIPMSG
1820	71c	dmsdrv	SMQGRDSTATE
1821	71d	dmsdrv	SMQGRQTFAIL
1822	71e	dmsdrv	SMQGUNLOCK
1823	71f	dmsdrv	SMQGEFSNT
1824	720	dmsdrv	SMQGEUAMSG
1825	721	dmsdrv	SMQGDDIIPM
2050	802	dhm	HMALM0
2051	803	dhm	HMALM1
2052	804	dhm	HMALM2

2053	805	dhm	HMALM28
2054	806	dhm	HMALM4
2055	807	dhm	HMALM5
2056	808	dhm	HMALM6
2057	809	dhm	HMALM7
2058	80a	dhm	HMALM8
2059	80b	dhm	HMALM9
2060	80c	dhm	HMALM10
2061	80d	dhm	HMALM11
2062	80e	dhm	HMALM12
2063	80f	dhm	HMALM13
2064	810	dhm	HMALM14
2065	811	dhm	HMALM15
2066	812	dhm	HMALM16
2067	813	dhm	HMALM17
2068	814	dhm	HMALM18
2069	815	dhm	HMALM19
2070	816	dhm	HMALM20
2071	817	dhm	HMALM21
2072	818	dhm	HMALM22
2073	819	dhm	HMALM23
2074	81a	dhm	HMALM24
2075	81b	dhm	HMALM29
2076	81c	dhm	HMALM26
2077	81d	dhm	HMALM27
2078	81e	dhm	HMMCC_3
2079	81f	dhm	HMMCC_4
2080	820	dhm	HMMCC_5
2081	821	dhm	HMMCC_6
2131	853	dhm	HMIRA_1
2132	854	dhm	HMIRA_2
2134	856	dhm	HMIRA_4
2135	857	dhm	HMIRA_5
2136	858	dhm	HMIRA_6
2137	859	dhm	HMIRA_7
2141	85d	dhm	HMIRA_b
2142	85e	dhm	HMIRA_c
2143	85f	dhm	HMIRA_d
2144	860	dhm	HMIRA_e
2147	863	dhm	HMIRA_61
2148	864	dhm	HMIRA_62
2149	865	dhm	HMIRA_63
2151	867	dhm	HMIRA_65
2152	868	dhm	HMIRA_66
2153	869	dhm	HMIRA_67
2179	883	dhm	HM1_IMST
2180	884	dhm	HM2_IMST
2181	885	dhm	HM3_IMST
2182	886	dhm	HM4_IMST
2210	8a2	dhm	HMMCC_0
2211	8a3	dhm	HMMCC_1
2212	8a4	dhm	HMMCC_2
2350	92e	dbkup	DBGRRDPHYS
2351	92f	dbkup	DBGRRDPRB
2352	930	dbkup	DBGRDDSR1
2353	931	dbkup	DBGRUMODD1
2354	932	dbkup	DBGR2MOU
2355	933	dbkup	DBGRMODD2
2356	934	dbkup	DBGR1MOU
2357	935	dbkup	DBGRGPRT
2358	936	dbkup	DBGRLNK
2359	937	dbkup	DBGRRD
2360	938	dbkup	DBBKDSKSP
2361	939	dbkup	DBGRWRIT
2362	93a	dbkup	DBBKNU LINK
2363	93b	dbkup	DBGRWODMEM
2364	93c	dbkup	DBGR1AIM
2365	93d	dbkup	DBGRMNT1
2366	93e	dbkup	DBGRPORT
2367	93f	dbkup	DBGRMSG
2368	940	dbkup	DBGRREC
2369	941	dbkup	DBGRNGMSG

2370	942	dbkup	DBGRDDWR
2371	943	dbkup	DBGRHMOUT
2372	944	dbkup	DBGRHM
2373	945	dbkup	DBGRDDW2
2374	946	dbkup	DBGRRDAIM
2375	947	dbkup	DBGRM2SCR
2376	948	dbkup	DBGRM1SCR
2377	949	dbkup	DBGRPAR2
2378	94a	dbkup	DBGRSYS1
2379	94b	dbkup	DBGRSYS2
2380	94c	dbkup	DBGROPN
2381	94d	dbkup	DBBKBCI
2382	94e	dbkup	DBGRCREAT1
2383	94f	dbkup	DBGRNUODD
2384	950	dbkup	DBGRPAD
2385	951	dbkup	DBGRAIMOPN
2386	952	dbkup	DBGRSCN
2387	953	dbkup	DBGRPART
2388	954	dbkup	DBGRCLOS
2389	955	dbkup	DBGRFOPN
2390	956	dbkup	DBGRLDF
2391	957	dbkup	DBGRLDN
2392	958	dbkup	DBGRBSCN
2393	959	dbkup	DBGRFSEK
2394	95a	dbkup	DBGRWSCN
2395	95b	dbkup	DBGRRDMEM
2396	95c	dbkup	DBGRRPHYS
2397	95d	dbkup	DBGRWIPHYS
2398	95e	dbkup	DBGRWODPHYS
2399	95f	dbkup	DBGRWIMEM
2400	960	dbkup	DBBKOPEN
2401	961	dbkup	DBBKREAD
2402	962	dbkup	DBBKSEEK
2403	963	dbkup	DBBKBOU
2404	964	dbkup	DBBKWRITE
2405	965	dbkup	DBBKRECV
2406	966	dbkup	DBBKSEND
2407	967	dbkup	DBBKBP
2408	968	dbkup	DBBKLCALL
2409	969	dbkup	DBBKDDR
2410	96a	dbkup	DBBKDDW
2411	96b	dbkup	DBBKMOUNT
2412	96c	dbkup	DBBKUMOUNT
2413	96d	dbkup	DBBKVCP
2414	96e	dbkup	DBBKULINK
2415	96f	dbkup	DBBKLINK
2416	970	dbkup	DBBKTMOUT
2417	971	dbkup	DBBKHMOUT
2418	972	dbkup	DBBKCREAT
2419	973	dbkup	DBBKFOPEN
2420	974	dbkup	DBBKFSANF
2421	975	dbkup	DBBKCLRLG
2422	976	dbkup	DBBKBGD
2423	977	dbkup	DBBKNA
2424	978	dbkup	DBBKBFIL
2425	979	dbkup	DBBKBHSH
2426	97a	dbkup	DBBKBODD
2427	97b	dbkup	DBBKSTAT
2428	97c	dbkup	DBBKVTOC
2429	97d	dbkup	DBBKBCIHS
2430	97e	dbkup	DBBKMEM
2431	97f	dbkup	DBBKDSK
2432	980	dbkup	DBBKACTB
2433	981	dbkup	DBBKDACTB
2434	982	dbkup	DBBKODSA
2435	983	dbkup	DBBKBSMST
2436	984	dbkup	DBBKALLOC
2437	985	dbkup	DBBKODDF
2438	986	dbkup	DBBKSK2
2439	987	dbkup	DBBKNOTFULL
2440	988	dbkup	DBBKBSECN
2441	989	dbkup	DBBKNOPART

2442	98a	dbkup	DBBKNOSM
2443	98b	dbkup	DBBKFRD
2444	98c	dbkup	DBBKDDNGRW
2445	98d	dbkup	DBBKDDBST
2446	98e	dbkup	DBBDMEMBRD
2447	98f	dbkup	DBRPTRCOFF
2448	990	dbkup	DBBKBLINK
2449	991	dbkup	DBBKABORT
2450	992	dbkup	DBBKPROC
2451	993	dbkup	DBAMODDSZE
2452	994	dbkup	DBBKCLRCRC
2453	995	dbkup	DBBKATMSW
2454	996	dbkup	BKAMODDGONE
2455	997	dbkup	DBBKAMGRW
2456	998	dbkup	DBGTWST
2457	999	dbkup	DBSTGWST
2458	99a	dbkup	DBAMSCRBAD
2459	99b	dbkup	DBCMPHSHBAD
2460	99c	dbkup	DBCMPSTBAD
2461	99d	dbkup	BKFRNOMSG
2462	99e	dbkup	BKCMPIR
2463	99f	dbkup	BKCMPIH
2464	9a0	dbkup	DBRIMGEN
2465	9a1	dbkup	DBBKBADMSG
2650	a5a	drclg	DBLGBGD
2651	a5b	drclg	DBLGBPD
2652	a5c	drclg	DBLGNA
2653	a5d	drclg	DBLGHMOUT
2654	a5e	drclg	DBLGDD
2655	a5f	drclg	DBLGSCALL
2656	a60	drclg	DBLGSENDP
2657	a61	drclg	DBLGRECV
2658	a62	drclg	DBLGOPEN
2659	a63	drclg	DBLGREAD
2660	a64	drclg	DBLGWRITE
2661	a65	drclg	DBLGCREAT
2662	a66	drclg	DBLGSEEK
2663	a67	drclg	DBLGBFD
2664	a68	drclg	DBLGCLOSE
2665	a69	drclg	DBLGLSEEK
2666	a6a	drclg	DBLGSTAT
2667	a6b	drclg	DBLGQUEFULL
2668	a6c	drclg	DBLGBMD
2669	a6d	drclg	DBLGCORC
2670	a6e	drclg	DBLGBD
2671	a6f	drclg	DBLGPSEND
2672	a70	drclg	DBOPENPORT
2673	a71	drclg	DBRFPHYCNV
2674	a72	drclg	DBRFPCRCNV
2675	a73	drclg	DBRFDDPHY
2676	a74	drclg	DBLGRDGPARM
2677	a75	drclg	DBRFCMPABT
2678	a76	drclg	DBRFSCMPNM
2679	a77	drclg	DBLGBDPROC

4. 5E12 Numeric Index: 2680-3900

ERROR CODE	PRM CODE	RANGE	MNEMONIC
2680	a78	drclg	DBAUDTYPE
2681	a79	drclg	DBAUDSENDP
2682	a7a	drclg	DBAUDRECV
2683	a7b	drclg	DBNAUDMSG
2684	a7c	drclg	DBLMFSCR
2685	a7d	drclg	DBLMFSSK
2686	a7e	drclg	DBLMFSRD
2687	a7f	drclg	DBLMFSWR
2688	a80	drclg	DBLMFSSC
2689	a81	drclg	DBLMFSOP
2690	a82	drclg	DBLTFLUSH
2691	a83	drclg	DBLOGTYPE
2692	a84	drclg	DBLTTAG

2693	a85	drclg	DBLTMALLOC
2694	a86	drclg	DBLTOPEN
2695	a87	drclg	DBLTREAD
2696	a88	drclg	DBLTWRITE
2697	a89	drclg	DBLTCREAT
2698	a8a	drclg	DBLTCLOSE
2699	a8b	drclg	DBLTLSEEK
2700	a8c	drclg	DBLTSTAT
2701	a8d	drclg	DBLMFSL
2702	a8e	drclg	DBLGMALLOC
2750	abe	dup	UPIDSCUD
2800	af0	doff	SIINITFAIL
2801	af1	doff	SIUNXPMSG
2802	af2	doff	SINOBCRESET
2803	af3	doff	SINOLGRESET
2804	af4	doff	SIHMOUTFAIL
2805	af5	doff	SIUNXSMSG
2850	b22	ddbgrw	DBMODRTUP
2851	b23	ddbgrw	DBMODAMEM
2852	b24	ddbgrw	DBMODTBGN
2853	b25	ddbgrw	DBMODOREL
2854	b26	ddbgrw	DBMODITUP
2855	b27	ddbgrw	DBMODFILE
2856	b28	ddbgrw	DBMODACC
2857	b29	ddbgrw	DBMODGPRM
2858	b2a	ddbgrw	DBMODOPN
2859	b2b	ddbgrw	DBMODRFST
2860	b2c	ddbgrw	DBMODDINT
2861	b2d	ddbgrw	DBMODDNXT
2862	b2e	ddbgrw	DBGRVCP
2863	b2f	ddbgrw	DBUPDDTUP
2864	b30	ddbgrw	DBUPDPORT
2865	b31	ddbgrw	DBUPDGPRM
2866	b32	ddbgrw	DBUPDDUSR
2867	b33	ddbgrw	DBUPDAUSR
2868	b34	ddbgrw	DBUPDDGRP
2869	b35	ddbgrw	DBUPDEMP
2870	b36	ddbgrw	DBUPDTEND
2871	b37	ddbgrw	DBUPDUCOM
2872	b38	ddbgrw	DBGRSTAT
2873	b39	ddbgrw	DBGRVTOC
2874	b3a	ddbgrw	DBGRUPDPHYS
2875	b3b	ddbgrw	DBGRRDDISK
2876	b3c	ddbgrw	DBGRRDDPHYS
2878	b3e	ddbgrw	DBGTGRWST
2879	b3f	ddbgrw	DBGRALLOC
2880	b40	ddbgrw	DBGRUNLINK
2881	b41	ddbgrw	DBGRLINK
2882	b42	ddbgrw	DBGRDREAT
2883	b43	ddbgrw	DBDDRDBAD
2884	b44	ddbgrw	DBGRSEEK
2885	b45	ddbgrw	DBGRBSMST
2886	b46	ddbgrw	DBGRREAD
2887	b47	ddbgrw	DBGROPEN
2888	b48	ddbgrw	DBGRIKEY
2889	b49	ddbgrw	DBGRIRET
2890	b4a	ddbgrw	DBGRISEND
2891	b4b	ddbgrw	DBGRITIME
2892	b4c	ddbgrw	DBGRIMESG
2893	b4d	ddbgrw	DBGRISPR
2894	b4e	ddbgrw	DBGRIALOC
2895	b4f	ddbgrw	DBGRIDDW
2896	b50	ddbgrw	DBGRATT
2897	b51	ddbgrw	DBGRDSKCP
2898	b52	ddbgrw	DBGRDSK
2899	b53	ddbgrw	DBGRDACT
2900	b54	ddbgrw	DBMKNOD
2901	b55	ddbgrw	DBATTSG
2902	b56	ddbgrw	DBRDGET
2903	b57	ddbgrw	DBLLAGET
2904	b58	ddbgrw	DBOPENSEQ
2905	b59	ddbgrw	DBMOUNT

2906	b5a	ddbgrw	DBUGUCBN
2907	b5b	ddbgrw	DBRSVUCB
2908	b5c	ddbgrw	DBUGSDF
2909	b5d	ddbgrw	DBSETIO
2910	b5e	ddbgrw	DBPVTOC
2911	b5f	ddbgrw	DBSGMATCH
2912	b60	ddbgrw	DBMSGENAB
2913	b61	ddbgrw	DBDISKERR
2914	b62	ddbgrw	DBMHDINC
2915	b63	ddbgrw	DBFRCMSG
2916	b64	ddbgrw	DBNRCLOSE
2917	b65	ddbgrw	DBBSTSEND
2918	b66	ddbgrw	DBBSTMSG
2919	b67	ddbgrw	DBBSTCOFF
2920	b68	ddbgrw	DBRODDPUR
2921	b69	ddbgrw	DBBADMSG
2922	b6a	ddbgrw	DBGRSCORPT
2923	b6b	ddbgrw	DBNRUPDATE
2924	b6c	ddbgrw	DBGRGNHSH
2925	b6d	ddbgrw	DBSYSTEM
2926	b6e	ddbgrw	DBNRBADMSG
2927	b6f	ddbgrw	DBNAMTMOUT
2928	b70	ddbgrw	DBNRNGMSG
2929	b71	ddbgrw	DBDFIFAIL
2930	b72	ddbgrw	DBNR1RECOV
2931	b73	ddbgrw	DBNR2RECOV
2932	b74	ddbgrw	DBNR3RECOV
2933	b75	ddbgrw	DBNR4RECOV
2934	b76	ddbgrw	DBUODDSZ
2935	b77	ddbgrw	DBNRODSZ
2936	b78	ddbgrw	DBDISKSP
2937	b79	ddbgrw	DBRMFILS
2938	b7a	ddbgrw	DBRANGE
2939	b7b	ddbgrw	DBPARTS
2940	b7c	ddbgrw	DBUPDCKT
2941	b7d	ddbgrw	DBUPDPRM
2942	b7e	ddbgrw	DBNRODDPUR
2943	b7f	ddbgrw	DBNRODSHK
2944	b80	ddbgrw	DBCOFFHDR
2945	b81	ddbgrw	DBOPTHDR
2946	b82	ddbgrw	DBSECHDR
2947	b83	ddbgrw	DBNRDSEC
2948	b84	ddbgrw	DBSKELFIL
2949	b85	ddbgrw	DBGRRDUN
2950	b86	ddbgrw	DBGIRSTBD
2951	b87	ddbgrw	DBSTGRWST
2952	b88	ddbgrw	DBUGAMTMOUT
2953	b89	ddbgrw	DBDDSTBAD
2954	b8a	ddbgrw	DBUGMGBAD
2955	b8b	ddbgrw	DBBDMMP
2956	b8c	ddbgrw	DBPRCALV
2957	b8d	ddbgrw	DBRCUMG
2958	b8e	ddbgrw	DBGRBDVERB
2959	b8f	ddbgrw	DBNOOKPCOM
2960	b90	ddbgrw	DBNOSTODDG
2961	b91	ddbgrw	DBBDHMOT
2962	b92	ddbgrw	DBPORTERR
2963	b93	ddbgrw	DBBSTTMOUT
2964	b94	ddbgrw	DBOFFS_NA
2965	b95	ddbgrw	DBOFFSFAIL
2966	b96	ddbgrw	DBINCTUPNUM
2967	b97	ddbgrw	DBXTSINTUP
2968	b98	ddbgrw	DBNOSTUGDD
2969	b99	ddbgrw	DBPOPDNTRAN
2970	b9a	ddbgrw	DBDNXTSINTUP
2971	b9b	ddbgrw	DBDNINCTUPNUM
2972	b9c	ddbgrw	DBMODXRDFST
2973	b9d	ddbgrw	DBMODNXT
2974	b9e	ddbgrw	DBPXSRDTUP
2975	b9f	ddbgrw	DBPNXTSINTUP
2976	ba0	ddbgrw	DBPOPPDNTRAN
2977	ba1	ddbgrw	DBPRDNTAN

2978	ba2	ddbgrw	DBPRXSRDTUP
2979	ba3	ddbgrw	DBPRNXTSINTUP
2980	ba4	ddbgrw	DBLVL3DOWN
2981	ba5	ddbgrw	DBRGOPENF
2982	ba6	ddbgrw	DBRGREADF
2983	ba7	ddbgrw	DBSACPRDN
2984	ba8	ddbgrw	DBRGSEEKF
2985	ba9	ddbgrw	DBRGCLOSF
2986	baa	ddbgrw	DBBADATYPE
2987	bab	ddbgrw	DBNOOPSMS
2988	bac	ddbgrw	DBZAPFAIL
2989	bad	ddbgrw	DBGRSCRSZ
2990	bae	ddbgrw	DBUPDUNIT
2991	baf	ddbgrw	DBMODDEL
2992	bb0	ddbgrw	DBUPDL_USE
2993	bb1	ddbgrw	DBXSRDSYS
2994	bb2	ddbgrw	DBXSRDFSYS
2995	bb3	ddbgrw	DBXSRDNSYS
2996	bb4	ddbgrw	DBXSINSYS
2997	bb5	ddbgrw	DBRSMOREL
2998	bb6	ddbgrw	DBGRWCONF
2999	bb7	ddbgrw	DBBADUTYPE
3000	bb8	ddbgrw	DBMEMORY_LOW
3001	bb9	ddbgrw	DBL_USERFST
3002	bba	ddbgrw	DBL_USEINT
3003	bbb	ddbgrw	DBL_USENXT
3004	bbc	ddbgrw	DBEQLOCFAIL
3005	bbd	ddbgrw	DBPICBRFST
3006	bbe	ddbgrw	DBPICBINT
3007	bbf	ddbgrw	DBPICBNXT
3008	bc0	ddbgrw	DBC GARFST
3009	bc1	ddbgrw	DBC GAIN
3010	bc2	ddbgrw	DBC GANXT
3011	bc3	ddbgrw	DBGETCLI
3012	bc4	ddbgrw	DBGRNOSCR
3013	bc5	ddbgrw	DBGR1SCR
3014	bc6	ddbgrw	DBGR2SCR
3015	bc7	ddbgrw	DBGRTMPSCR
3016	bc8	ddbgrw	DBGRXSCR
3017	bc9	ddbgrw	DBGRCPODD
3275	ccb	dct	CTMSGQFAIL
3276	ccc	dct	CTINCMFAIL
3277	ccd	dct	CTBADMSTYPE
3278	cce	dct	CTNOTIMER
3279	ccf	dct	CTDDWERR
3280	cd0	dct	CTDDRERR
3281	cd1	dct	CTDNOBUF
3282	cd2	dct	CTINVEVNT
3283	cd3	dct	CTPORTFAIL
3284	cd4	dct	CTWRITEFAIL
3285	cd5	dct	CTREADFAIL
3286	cd6	dct	CTOPENFAIL
3287	cd7	dct	CTIOCTLFAIL
3288	cd8	dct	CTINVCNMSG
3289	cd9	dct	CTUKSPEED
3290	cda	dct	CTCNOBUF
3291	cdb	dct	CTINVFLT
3292	cdc	dct	CTBADRNA
3293	cd d	dct	CTDBADMSG
3294	cde	dct	CTDDDFAIL
3295	cdf	dct	CTUKCOND
3296	ce0	dct	CTBADIPMTYP
3297	ce1	dct	CTOUTOFORD
3298	ce2	dct	CTUKTASK
3299	ce3	dct	CTGETBFAIL
3300	ce4	dct	CTHDRFAIL
3301	ce5	dct	CTBADDLNMTYP
3302	ce6	dct	CTGLDLNEQ
3303	ce7	dct	CTINVREL
3304	ce8	dct	CTDBRDFAIL
3305	ce9	dct	CTINVDST
3306	cea	dct	CTGRWQINV

3307	ceb	dct	CTGRWQTO
3308	cec	dct	CTINVDLN
3309	ced	dct	CTINVSGN
3310	cee	dct	CTINVDMP
3311	cef	dct	CTGLDATA
3312	cf0	dct	CTINVQST
3313	cf1	dct	CTINVDEV
3314	cf2	dct	CTDEVTACK
3315	cf3	dct	CTDPUMPTO
3316	cf4	dct	CTCMOPFL
3317	cf5	dct	CTNDLNACK
3318	cf6	dct	CTRCONF
3319	cf7	dct	CTNOTCM2
3320	cf8	dct	CTHBLLMPROB
3321	cf9	dct	CTHBNACT
3322	cfa	dct	CTHBTOFAIL
3323	cfb	dct	CTNOACTDLN
3324	cfC	dct	CTRNAINC
3325	cfD	dct	CTRSTRFAIL
3326	cfe	dct	CTHBNMSCU
3327	cff	dct	CTBADPAGE
3328	d00	dct	CTINVLKMJ
3329	d01	dct	CTINVSIGST
3330	d02	dct	CTDTWATFAIL
3331	d03	dct	CTDMERTFAIL
3332	d04	dct	CTINVCCTYPE
3333	d05	dct	CTINVMSGTYPE
3334	d06	dct	CTINVRANGERET
3335	d07	dct	CTDDDLNFAIL
3336	d08	dct	CTINVDDBIT
3337	d09	dct	CTINVDSIGST
3338	d0a	dct	CTINVTSIGST
3339	d0b	dct	CTINVTAPST
3575	df7	dxtera	XTMTERASEG
3576	df8	dxtera	XTMTERALOG
3577	df9	dxtera	XTMTERAPDK
3578	dfa	dxtera	XTMTERARDK
3579	dfb	dxtera	XTMTERAWDK
3580	dfc	dxtera	XTMTERAUX
3750	ea6	dcmap	BXSABTFL
3751	ea7	dcmap	BXSACPTFL
3752	ea8	dcmap	BXSACKFL
3753	ea9	dcmap	BXSATTFL
3754	eaA	dcmap	BXSCONF
3755	eaB	dcmap	BXSDETFL
3756	eaC	dcmap	BXSDisFL
3757	eaD	dcmap	BXSCLoFL
3758	eaE	dcmap	BXSOPNFL
3759	eaF	dcmap	BXSQUEFL
3760	eb0	dcmap	BXSRCVFL
3761	eb1	dcmap	BXSREFFL
3762	eb2	dcmap	BXSNDLFL
3763	eb3	dcmap	BXSXSDLFL
3764	eb4	dcmap	CMApBFFL
3765	eb5	dcmap	CMApLSTB
3766	eb6	dcmap	CMApUNEQIP
3767	eb7	dcmap	CMApECDBAD
3768	eb8	dcmap	CMApECDFL
3769	eb9	dcmap	CMApINTB
3770	eba	dcmap	CMApEXTFL
3771	ebb	dcmap	CMApDDFL
3772	ebc	dcmap	CMApBADCASE
3773	ebd	dcmap	CMApDXTBL
3774	ebe	dcmap	CMApSXTBL
3775	ebf	dcmap	CMApBXFL
3776	ec0	dcmap	CMApDMSGFL
3777	ec1	dcmap	CMApHMFL
3778	ec2	dcmap	CMApLLISTB
3779	ec3	dcmap	CMApRTSFL
3780	ec4	dcmap	CMApDBBAD
3781	ec5	dcmap	CMApDBFL
3782	ec6	dcmap	CMApBPARM

3783	ec7	dcmap	CMAPECLFL
3784	ec8	dcmap	CMAPCNFGFL
3785	ec9	dcmap	CMAABTFL
3786	eca	dcmap	CMAKFLT
3787	ecb	dcmap	CMAPEVFL
3788	ecc	dcmap	CMAPAROOR
3789	ecd	dcmap	CMAPLINK
3790	ece	dcmap	CMAPTYFL
3791	ecf	dcmap	CMAPOOPT
3792	ed0	dcmap	CMASENDP
3793	ed1	dcmap	CMAFBFAT
3794	ed2	dcmap	CMAFBINDX
3795	ed3	dcmap	CMAFBMCCI
3850	f0a	das	EDLCPOPEN
3895	f37	dama	AMVMFENMSG
3896	f38	dama	AMVMFCMKP
3897	f39	dama	AMVMUNKMGTYP
3898	f3a	dama	AMVMFSCMKP
3899	f3b	dama	AMVMFRCMKP
3900	f3c	dama	AMVMFCNPRT

5. 5E12 Numeric Index: 15000-23500

ERROR CODE	PRM CODE	RANGE	MNEMONIC
15000	3a98	pcmf	CMFLDPTR
15001	3a99	pcmf	CMFUNITS
15002	3a9a	pcmf	CMFTMS1OPC
15003	3a9b	pcmf	CMFTMS1CNT
15004	3a9c	pcmf	CMFTMS2OPC
15005	3a9d	pcmf	CMFTMS2CNT
15006	3a9e	pcmf	CMFSSOPC
15007	3a9f	pcmf	CMFBADMSG
15008	3aa0	pcmf	CMFINVRET
15009	3aa1	pcmf	CMFFPCCNT
15010	3aa2	pcmf	CMFNONCRIT
15011	3aa3	pcmf	CMFINVDATA
15012	3aa4	pcmf	CMFLOAD
15013	3aa5	pcmf	CMFUNLOAD
15014	3aa6	pcmf	CMFTPBTM
15050	3aca	pcmm	CMAULINK
15051	3acb	pcmm	CMAUPHSE
15052	3acc	pcmm	CMAUSTAT
15053	3acd	pcmm	CMAUFREE
15054	3ace	pcmm	CMAUBUFT
15055	3acf	pcmm	CMAUPTPT
15056	3ad0	pcmm	CMAUSUPT
15057	3ad1	pcmm	CMAUTIMT
15058	3ad2	pcmm	CMAUNXST
15059	3ad3	pcmm	CMAUDCLF
15060	3ad4	pcmm	CMAUOPPT
15061	3ad5	pcmm	CMAUIQPT
15062	3ad6	pcmm	CMAUINFR
15063	3ad7	pcmm	CMAUORCV
15064	3ad8	pcmm	CMAULQFL
15065	3ad9	pcmm	CMAUXMTS
15066	3ada	pcmm	CMAURMTS
15067	3adb	pcmm	CMAUBQFL
15068	3adc	pcmm	CMAUNOAD
15069	3add	pcmm	CMAUCLFR
15070	3ade	pcmm	CMAURLLD
15071	3adf	pcmm	CMAUTLLD
15072	3ae0	pcmm	CMAURLVR
15073	3ae1	pcmm	CMAUTLPT
15074	3ae2	pcmm	CMAURLPT
15075	3ae3	pcmm	CMAUMSPT
15076	3ae4	pcmm	CMAUTLBC
15077	3ae5	pcmm	CMAUACKS
15078	3ae6	pcmm	CMAURAMMUT
20000	4e20	as	SES_0_ASRT
20001	4e21	as	SES_1_ASRT
20002	4e22	as	SES_2_ASRT

20003	4e23	as	SES_3_ASRT
20004	4e24	as	SES_4_ASRT
20005	4e25	as	SES_5_ASRT
20006	4e26	as	SES_6_ASRT
20007	4e27	as	SES_7_ASRT
20008	4e28	as	MS_0_ASRT
20009	4e29	as	MS_1_ASRT
20010	4e2a	as	MS_2_ASRT
20011	4e2b	as	MS_3_ASRT
20012	4e2c	as	MS_4_ASRT
20013	4e2d	as	MS_5_ASRT
20014	4e2e	as	MS_6_ASRT
20015	4e2f	as	MS_7_ASRT
20016	4e30	as	MS_8_ASRT
20017	4e31	as	MS_9_ASRT
20018	4e32	as	MS_10_ASRT
20019	4e33	as	ASMSPRERR
20020	4e34	as	ASMSHMDEV
20021	4e35	as	ASMSALWMSG
20022	4e36	as	ASMSINHMSG
20023	4e37	as	ASMSHMVERB
20024	4e38	as	ASMSCLCSEC
20025	4e39	as	ASMSCLCRPT
20026	4e3a	as	ASMSHMQERR
20027	4e3b	as	ASMSHMOU
20028	4e3c	as	ASMSBCBID
20029	4e3d	as	ASMSBCMSG
20030	4e3e	as	ASMSBCRPT
20031	4e3f	as	ASMSCPCRPT
20032	4e40	as	ASMSALWSEC
20033	4e41	as	ASMSINHSEC
20034	4e42	as	AS_BAD_DB
20035	4e43	as	AS_OS_BAD
20036	4e44	as	AS_BADOAPDA
20037	4e45	as	ASBAD_PN
20038	4e46	as	AS_BADMSGTYPE
20039	4e47	as	ASINIT_REQ
20040	4e48	as	ASINV_PCB
20041	4e49	as	ASINV_PROGID
20042	4e4a	as	ASINV_SCB
20043	4e4b	as	ASNOPI
20044	4e4c	as	ASOSPSDIST
20045	4e4d	as	ASSND_OPR
20046	4e4e	as	ASOSCLIMIT
20047	4e4f	as	ASFATALBUF
20048	4e50	as	ASTMOAP
20049	4e51	as	ASPSMLIMIT
20050	4e52	as	ASMSIBRC
20051	4e53	as	ASNOPATH
20052	4e54	as	ASBADPSM
20053	4e55	as	ASBDINDX
20054	4e56	as	ASBDMSG
20055	4e57	as	ASBDDIG
20056	4e58	as	DBBADMHG
20057	4e59	as	DBBADIST
20058	4e5a	as	GPTYPBAD
20059	4e5b	as	DBBADICX
20060	4e5c	as	DBBADGRP
20061	4e5d	as	DBBADTRM
20062	4e5e	as	DBBADQICI
20063	4e5f	as	DBBADBLF
20065	4e61	as	PRTIMBAD
20066	4e62	as	AS_REASON_BAD
20067	4e63	as	HSS_TIMEOUT
20068	4e64	as	HSSLIST_ERR
20070	4e66	as	AS_RFSH_BAD
20071	4e67	as	APID_STATIC
20072	4e68	as	AS_CMAPSEND_BAD
20073	4e69	as	ASFBTEDB
20074	4e6a	as	AS_HSSPID_BAD
20076	4e6c	as	MS1SILENTSM
20077	4e6d	as	MS2SILENTSM

20078	4e6e	as	ASBADTRKG
20085	4e75	as	MS_11_ASRT
20086	4e76	as	AS_EISDSL_BAD
20088	4e78	as	HSS_OVERLAP
20089	4e79	as	APID_DYNAMIC
20090	4e7a	as	APID_INVALID
20091	4e7b	as	AS_IFLOW_BAD
20092	4e7c	as	AS_AUTREC_BAD
20093	4e7d	as	AS_ISTPARM_BAD
20094	4e7e	as	AS_INTERFLW_BAD
20095	4e7f	as	AS_DSTID_BAD
20096	4e80	as	ASUPDAUT
20097	4e81	as	AS_RANGE_BAD
20098	4e82	as	AS_DCHAN_BAD
20099	4e83	as	MS_99_ASRT
20100	4e84	as	MS_100_ASRT
20101	4e85	as	ASBADOSINT
20102	4e86	as	AS_NOINCID
20103	4e87	as	ASGROUPPORT
20105	4e89	as	ASACDNOIN
20106	4e8a	as	ASBAD_ISTPARM
20107	4e8b	as	ASBAD_DSTID
20108	4e8c	as	ASUPDPARM
20109	4e8d	as	ASFALL_ISTPARM
20110	4e8e	as	COTNO2MSG
20111	4e8f	as	COTNO1MSG
20112	4e90	as	COTNOPORT
20113	4e91	as	COTNOOSDS
20114	4e92	as	COTNODDRD
20115	4e93	as	COTNODDWT
20116	4e94	as	COTSANFAIL
20117	4e95	as	COTNOPAS
20118	4e96	as	COTWRGMSG
20119	4e97	as	ASUPDSTID
20120	4e98	as	ASUPDIFLOW
20121	4e99	as	ASBGN_TRAN
20122	4e9a	as	ASOPN_REL
20123	4e9b	as	ASEND_TRAN
20124	4e9c	as	ASTM_ZONE
20125	4e9d	as	ASOSPSID
20126	4e9e	as	ASDRAINTM
20127	4e9f	as	ASRD_IFOSPS
20128	4ea0	as	ASRD_RROSPS
20129	4ea1	as	ASUPD_IFOSPS
20130	4ea2	as	ASUPD_RROSPS
20135	4ea7	as	GRPNUM_STATIC
20136	4ea8	as	GRPNUM_DYNAMIC
20137	4ea9	as	GRPTYP_STATIC
20138	4eaa	as	ASBEDLIO
20152	4eb8	as	MSMAXEDSLEXCED
20153	4eb9	as	ASBADGACSND
20154	4eba	as	MS_77_ASRT
20175	4ecf	as	MSBAD_LNNODE
20176	4ed0	as	MS_SG_ASRT
20177	4ed1	as	MS_13_6_UPD
20179	4ed3	as	DBBDLNST
20182	4ed6	as	AS_OAP_SEC
20194	4ee2	as	ASERICCVDB
20195	4ee3	as	ASNODPRT
20198	4ee6	as	ASNO_UID
20201	4ee9	as	ASCCLCTERR
20205	4eed	as	ASDDRDERR
20213	4ef5	as	MSCPEGOVFL
20214	4ef6	as	ASERMEASDES
20215	4ef7	as	MSCHSHOVFL
20222	4efe	as	MSCSMTDCUMG
20239	4f0f	as	MSCROPOVFL
20240	4f10	as	MSCPHPEGOVFL
20300	4f4c	au	AUER00
20301	4f4d	au	AUER01
20302	4f4e	au	AUER02
20303	4f4f	au	AUER03

20304	4f50	au	AUER04
20305	4f51	au	AUER05
20306	4f52	au	AUSERSEM
20307	4f53	au	AUERRPCR
20308	4f54	au	AURMTYPE
20309	4f55	au	AUERAUID
20310	4f56	au	AUERDBUP
20311	4f57	au	AUERTIME
20312	4f58	au	AUEROLDT
20313	4f59	au	AUERCKTTYP
20314	4f5a	au	AURASNIT
20315	4f5b	au	AURASRET
20316	4f5c	au	AUFCHESC
20317	4f5d	au	AUFCHBM
20318	4f5e	au	AUFCHNIT
20319	4f5f	au	AUFCHNFC
20320	4f60	au	AUFCHNRT
20321	4f61	au	AUERGREL
20322	4f62	au	AUWPERR
20323	4f63	au	AUERINTRNL
20324	4f64	au	AUERERC
20325	4f65	au	AUQ_TEST
20326	4f66	au	AUACCTYPE
20327	4f67	au	AUAUDMAN
20328	4f68	au	AUAUDMOD
20329	4f69	au	AUERINSEM
20330	4f6a	au	AUACINIT
20331	4f6b	au	AUACID
20332	4f6c	au	AUACCOND
20333	4f6d	au	AUACSEG
20334	4f6e	au	AUERSPP
20336	4f70	au	AUAUDPID
20337	4f71	au	AUERTRAN
20338	4f72	au	AUERALARMA
20339	4f73	au	AUBADTBL
20340	4f74	au	AUBDSITYP
20341	4f75	au	AUBDASEC
20342	4f76	au	AUBDDDINIT
20343	4f77	au	AUBDINSTCHK
20344	4f78	au	AUAMAPREAD
20345	4f79	au	AUCQDBSCHED
20346	4f7a	au	AUERSTOP
20347	4f7b	au	AUREFLECT
20348	4f7c	au	AUAUDCUR
20349	4f7d	au	AU_PARTITION
20350	4f7e	au	AU_CONTROL
20351	4f7f	au	AU_SENDM
20352	4f80	au	AU_WGETTYPE
20353	4f81	au	AU_IPCNTL
20354	4f82	au	AU_CONDITION
20355	4f83	au	AU10DBFRDTUP
20356	4f84	au	AU20DBFRDTUP
20357	4f85	au	AU30DBFRDTUP
20358	4f86	au	AU40DBFRDTUP
20359	4f87	au	AU50DBFRDTUP
20360	4f88	au	AU10SMDWRITE
20361	4f89	au	AU20SMDWRITE
20362	4f8a	au	AU30SMDWRITE
20363	4f8b	au	AU40SMDWRITE
20364	4f8c	au	AU50SMDWRITE
20365	4f8d	au	AU60SMDWRITE
20366	4f8e	au	AU70SMDWRITE
20367	4f8f	au	AU80SMDWRITE
20368	4f90	au	AU90SMDWRITE
20369	4f91	au	AU95SMDWRITE
20370	4f92	au	AU105SMDWRITE
20371	4f93	au	AU115SMDWRITE
20372	4f94	au	AU130SMDWRITE
20373	4f95	au	AU140SMDWRITE
20374	4f96	au	AU150SMDWRITE
20375	4f97	au	AU160SMDWRITE
20376	4f98	au	AU170SMDWRITE

20377	4f99	au	AU180SMDWRITE
20378	4f9a	au	AU190SMDWRITE
20379	4f9b	au	AU200SMDWRITE
20380	4f9c	au	AU10SMDDREAD
20381	4f9d	au	AU20SMDDREAD
20382	4f9e	au	AU30SMDDREAD
20383	4f9f	au	AU40SMDDREAD
20384	4fa0	au	AU50SMDDREAD
20385	4fa1	au	AU60SMDDREAD
20386	4fa2	au	AU70SMDDREAD
20387	4fa3	au	AU80SMDDREAD
20388	4fa4	au	AU90SMDDREAD
20389	4fa5	au	AU100SMDDREAD
20390	4fa6	au	AU110SMDDREAD
20391	4fa7	au	AU120SMDDREAD
20392	4fa8	au	AUMODATT
20393	4fa9	au	AUTSMMSG
20394	4faa	au	AUCDBCCB
20395	4fab	au	AUUTGCKTDATA
20396	4fac	au	AUUTDCKTDATA
20397	4fad	au	AU_PCDUNIT
20398	4fae	au	AUSWITCH
20399	4faf	au	AUWHILE
20400	4fb0	au	AUREASERR
20401	4fb1	au	AURSTERR
20402	4fb2	au	AUUNPROCESS
20403	4fb3	au	AUSTQDBSCHED
20404	4fb4	au	AU250SMDDREAD
20405	4fb5	au	AU260SMDDREAD
20406	4fb6	au	AU270SMDDREAD
20407	4fb7	au	AU280SMDDREAD
20408	4fb8	au	AU290SMDDREAD
20409	4fb9	au	AU300SMDDREAD
20410	4fba	au	AU310SMDDREAD
20411	4fbb	au	AU320SMDDREAD
20412	4fbc	au	AUDALNST
20413	4fbd	au	AUDALGLN
20414	4fbe	au	AUDATKST
20415	4fbf	au	AUDALGTK
20416	4fc0	au	AUDATQUE
20417	4fc1	au	AUDATOWN
20418	4fc2	au	AUDAGTGC
20419	4fc3	au	AUDATGC
20420	4fc4	au	KAPROGERR
20421	4fc5	au	AULSTSTRT
20422	4fc6	au	AUBDMS
20423	4fc7	au	AUMSLG
20424	4fc8	au	AUEAPLOST
20425	4fc9	au	AUINHSTATE
20426	4fca	au	AUERLCGT
20427	4fcb	au	AUERBDTI
20428	4fcc	au	AU10DDREAD
20429	4fcd	au	AU20DDREAD
20430	4fce	au	AUBADPCR
20431	4fcf	au	AU40DDREAD
20432	4fd0	au	AU50DDREAD
20433	4fd1	au	AU60DDREAD
20434	4fd2	au	AU10DDWRITE
20435	4fd3	au	AU20DDWRITE
20436	4fd4	au	AU30DDWRITE
20437	4fd5	au	AU40DDWRITE
20438	4fd6	au	AU50DDWRITE
20439	4fd7	au	AU60DDWRITE
20440	4fd8	au	AU10AUCLWTALL
20441	4fd9	au	AU20AUCLWTALL
20442	4fda	au	AU30AUCLWTALL
20443	4fdb	au	AU40AUCLWTALL
20444	4fdc	au	AUERDICT
20445	4fdd	au	AUNOFUNC
20446	4fde	au	AUN_ELEM
20447	4fdf	au	AU_DRTRAV
20448	4fe0	au	AUDDINH

20449	4fe1	au	AUDDALW
20450	4fe2	au	AUMMAUDRC
20451	4fe3	au	AUMRKLOGRC
20452	4fe4	au	AUCOLLECTRC
20453	4fe5	au	AU1MRKPAGRC
20454	4fe6	au	AU2MRKPAGRC
20455	4fe7	au	KAORTIMER
20456	4fe8	au	KANOKAFCN
20457	4fe9	au	AUNEWMAP
20458	4fea	au	KAPCBLAKEY
20459	4feb	au	KABADMSG
20460	4fec	au	KASPTMR_TAG
20461	4fed	au	KASP_REASON
20462	4fee	au	KASPMS_FAIL
20463	4fef	au	KART_SFG
20464	4ff0	au	KALGRT_SFG
20465	4ff1	au	KATIMERTAG
20466	4ff2	au	KAR_LGM1
20467	4ff3	au	KAR_LGM2
20468	4ff4	au	KART_MEM
20469	4ff5	au	AU3MRKPAGRC
20470	4ff6	au	AU4MRKPAGRC
20471	4ff7	au	KALGMEM1
20472	4ff8	au	AU10SMECDRD
20473	4ff9	au	AU20SMECDRD
20474	4ffa	au	AU30SMECDRD
20475	4ffb	au	AU40SMECDRD
20476	4ffc	au	AU50SMECDRD
20477	4ffd	au	AU60SMECDRD
20478	4ffe	au	KAMEM
20479	4fff	au	KAGP_PT1
20480	5000	au	AUERSMISOL

6. 5E12 Numeric Index: 20481-21220

ERROR CODE	PRM CODE	RANGE	MNEMONIC
20481	5001	au	AUERISOL
20482	5002	au	AU10DDRSMWWRITE
20483	5003	au	AU20DDRSMWWRITE
20484	5004	au	AU30DDRSMWWRITE
20485	5005	au	AU10DDCASE
20486	5006	au	AUDBERR
20487	5007	au	KAGP_PT2
20488	5008	au	AUSFGAMST
20489	5009	au	AUSFGSMST
20490	500a	au	AUTMERR
20491	500b	au	KAGP_PT3
20492	500c	au	AUERSMSEP
20493	500d	au	AUERSMINIT
20494	500e	au	AUERSEP
20495	500f	au	AUESINIT
20496	5010	au	AUDD_CLIDAT
20497	5011	au	AU40DDRSMWWRITE
20498	5012	au	AU50DDRSMWWRITE
20499	5013	au	AU60DDRSMWWRITE
20500	5014	au	AUZAPICC
20501	5015	au	KALGMEM2
20502	5016	au	KAERRDB
20503	5017	au	KAINVREL
20504	5018	au	KADBFRTUP
20505	5019	au	KAERRDA
20506	501a	au	KA_INTERNAL
20507	501b	au	KALTMSTAT
20508	501c	au	KAPORTLA
20509	501d	au	KADPB
20510	501e	au	KATEDB
20511	501f	au	KAISATUCD
20512	5020	au	KAPORTGRP
20513	5021	au	AUREQDPB
20514	5022	au	AUREQDALB
20515	5023	au	AUMSGINVALID

20516	5024	au	AUMEMKEY
20517	5025	au	AULGMEMKEY
20518	5026	au	KASRTMHG
20519	5027	au	KALRTMHG
20520	5028	au	KART_LGM
20521	5029	au	KALGP_PSGP
20522	502a	au	KASRT_MEM
20523	502b	au	KASGP_PSGP
20524	502c	au	KAMRTMHG
20525	502d	au	KAMRT_LGM
20526	502e	au	KAMGRP_PRT
20527	502f	au	KA_LGLNSTAT
20528	5030	au	KA_LNSTAT
20529	5031	au	KASPSGRPPORT
20530	5032	au	KASGRPPORT
20531	5033	au	KAHTYPE
20532	5034	au	KALPSGRPPORT
20533	5035	au	KALGRPPORT
20534	5036	au	KA_MUPHST
20535	5037	au	KALNSTXTRA
20536	5038	au	KALLNSTXTRA
20537	5039	au	KAXTRAMUPHST
20538	503a	au	KAKTKQUE
20539	503b	au	KAKLGTKST
20540	503c	au	KAKTKSTAT
20541	503d	au	KAGRP_PRT
20542	503e	au	KAPSGRP_PRT
20543	503f	au	KAPRT_GRP
20544	5040	au	KAPSPRT_GRP
20545	5041	au	AUDDREAD
20546	5042	au	AU_INDFWRK
20547	5043	au	AUSMRTEC
20548	5044	au	KARDTADATA
20549	5045	au	KAODPSOP
20550	5046	au	KAEQUIPDSL
20551	5047	au	AUBNKS96
20552	5048	au	KAPORTTYPE
20553	5049	au	AUBDGLOBAL
20554	504a	au	AUBADPROCNO
20555	504b	au	KACLDB
20556	504c	au	KAMDB
20557	504d	au	KAPKLOT
20558	504e	au	AUBADPARAM
20559	504f	au	AUDDWRITE
20560	5050	au	KACRECORD
20561	5051	au	KA_SFRCOR
20562	5052	au	KABADTASK
20563	5053	au	KA_SFSTAT
20564	5054	au	KA_LGSFSTAT
20565	5055	au	AUNOCDACT
20566	5056	au	AUNOCCACT
20567	5057	au	AUNOSFIAC
20572	505c	au	AU70DDREAD
20573	505d	au	KAPCBLA
20574	505e	au	KADALB
20900	51a4	cm	CMAULINK
20901	51a5	cm	CMAUINFR
20902	51a6	cm	CMAUPHSE
20903	51a7	cm	CMAUSTAT
20904	51a8	cm	CMAUFREE
20905	51a9	cm	CMAURMTS
20906	51aa	cm	CMAUPT
20907	51ab	cm	CMAUSUPT
20908	51ac	cm	CMAUTIMT
20909	51ad	cm	CMAUORCV
20910	51ae	cm	CMAUSMGD
20911	51af	cm	CMAUMSGT
20912	51b0	cm	CMAURETC
20913	51b1	cm	CMAUDPID
20914	51b2	cm	CMAUERRT
20915	51b3	cm	CMAUPTST
20916	51b4	cm	CMAURCST

20917	51b5	cm	CMAURJOB
20918	51b6	cm	CMAUXTST
20919	51b7	cm	CMAURMMG
20920	51b8	cm	CMAUASYR
20921	51b9	cm	CMAUARQF
20922	51ba	cm	CMAUOSMG
20923	51bb	cm	CMAUXMTS
20924	51bc	cm	CMAUNXST
20925	51bd	cm	CMAUMLNG
20926	51be	cm	CMAURCVF
20927	51bf	cm	CMAUSRCF
20928	51c0	cm	CMAUSNDF
20929	51c1	cm	CMEDLCP1
20930	51c2	cm	CMEDLCP2
20931	51c3	cm	CMPGMUPF
20932	51c4	cm	CMAPDDRDF
20933	51c5	cm	CMAPDBRDF
20934	51c6	cm	CMAPNOOPT
20935	51c7	cm	CMAPISITE
20936	51c8	cm	CMAPSENF
20937	51c9	cm	CMAPBFAT
20938	51ca	cm	CMAPBINDX
20939	51cb	cm	CMAPRLIDB
20940	51cc	cm	CMAPOLDTB
20941	51cd	cm	CMAPNEWTB
20942	51ce	cm	CMAPBADOP
20943	51cf	cm	CMTOPID
20944	51d0	cm	CMSEGBYTE
20945	51d1	cm	CMINPTR
20946	51d2	cm	CMOPCODE
20947	51d3	cm	CMOUTPTR
20948	51d4	cm	CMBPOFULL
20949	51d5	cm	CMOSDELIVER
20950	51d6	cm	CMDFREEMSG
20951	51d7	cm	CMPORTID
20952	51d8	cm	CMCMKPTABLE
20953	51d9	cm	CMQUEUEMSG
20954	51da	cm	CMAUOQFULL
20955	51db	cm	CMBADPKTPTR
20956	51dc	cm	CMBADPLINK
20957	51dd	cm	CMBADPSIZE
20958	51de	cm	CMBADPTYPE
20959	51df	cm	CMBADP_PREV
20960	51e0	cm	CMBADSEQORDER
20961	51e1	cm	CMBADTOPPTR
20962	51e2	cm	CMNOPKTBUF
20963	51e3	cm	CMPKTINTERR
20964	51e4	cm	CMSAMEMSG
20965	51e5	cm	CMBADPINDEX
20966	51e6	cm	CMBADPRIOR
20967	51e7	cm	CMINVMSGTYPE
20968	51e8	cm	CMBADUSETYPE
20969	51e9	cm	CMAUPKTLNG
20970	51ea	cm	CMAPODDERR
20971	51eb	cm	CMMSGLONG
20972	51ec	cm	CMBUFERR
20973	51ed	cm	CMHIQEMPTY
20974	51ee	cm	CMERRRCVBUF
20975	51ef	cm	CMAUSWQERR
20976	51f0	cm	CMAUSWMFERR
20977	51f1	cm	CMAUBDLINK
20978	51f2	cm	CMAUINVSTATE
20979	51f3	cm	CMAULOSTPKT
20980	51f4	cm	CMAUPKTBLAST
20981	51f5	cm	CMPCRID0
20982	51f6	cm	CMAPE911AP
20983	51f7	cm	CMDLNCOMP
20984	51f8	cm	CMAUBADIDLE
20985	51f9	cm	CMAUFDINV
20986	51fa	cm	CMAUFDLINK
20987	51fb	cm	CMAUTDINV
20988	51fc	cm	CMAUTDLINK

20989	51fd	cm	CMAUSPERR
20990	51fe	cm	CMAUQERR
20991	51ff	cm	CMAUSPTO
20992	5200	cm	CMAUNOFDS
20993	5201	cm	CMAUNOTDS
20994	5202	cm	CMAUTDEOL
20995	5203	cm	CMAUMHERR
20996	5204	cm	CMAUXMTERR
20997	5205	cm	CMAURCVERR
20998	5206	cm	CMAUILL2X4
20999	5207	cm	CMAUTDERR
21000	5208	cm	CMAUTDFREE
21001	5209	cm	CMAUINVPARAM
21002	520a	cm	CMAPECSITE
21003	520b	cm	CMAUMHSWERR
21004	520c	cm	CMAUMHIDERR
21005	520d	cm	CMAUQLINIT
21006	520e	cm	CMCORLLCB
21007	520f	cm	QLINVNETWORK
21008	5210	cm	QLTSKNUMINV
21009	5211	cm	QLINVENDPOINT
21010	5212	cm	CMAURETINV
21011	5213	cm	QLINCLMDB
21012	5214	cm	QLTSKPRIINV
21013	5215	cm	QLINVTIMER
21014	5216	cm	CMINVLIST
21015	5217	cm	QLINVLMDB
21016	5218	cm	QLLLCBIXINV
21017	5219	cm	QLINVLLCB
21018	521a	cm	CMSIPBUFERR
21019	521b	cm	CMSIPRESET
21020	521c	cm	CMSIPTYPE
21021	521d	cm	CMSIPSTAT
21022	521e	cm	CMSIPCALLER
21023	521f	cm	MTTBADOWNER
21024	5220	cm	MTPARMBAD
21025	5221	cm	MTTBADTIME
21026	5222	cm	MTNORESRC
21027	5223	cm	QLINCLLCB
21028	5224	cm	CMCCBDDATA
21029	5225	cm	CMAUINVINIT
21030	5226	cm	CMAUENPTYPE
21031	5227	cm	CMQLOORENDPT
21032	5228	cm	QLINVFRMTYPE
21033	5229	cm	MTTBADDELAY
21034	522a	cm	MTTBADHDC
21035	522b	cm	MTTBADNXT
21036	522c	cm	MTTBADPREV
21037	522d	cm	MTTBADSTRUCT
21038	522e	cm	MTTBADTTYPE
21039	522f	cm	CMAUSPDERR
21040	5230	cm	CMAUQTSBAD
21041	5231	cm	CMAUL1BUSY
21042	5232	cm	CMOUTLLCB
21043	5233	cm	CMAUFDLOW
21044	5234	cm	QLINVPKTTYPE
21045	5235	cm	CMAULGINV
21046	5236	cm	CMAULGMLNG
21047	5237	cm	CMAUSCTO
21048	5238	cm	MTLLCBIXINV
21049	5239	cm	MTINVLLCB
21050	523a	cm	MTINCLLCB
21051	523b	cm	MTINVFRMTYPE
21052	523c	cm	MTINVCOMB
21053	523d	cm	MTINVSEQ
21054	523e	cm	MTINVXMITQ
21055	523f	cm	CMAUSCERR
21056	5240	cm	CMAUSCRCV
21057	5241	cm	CMAUPTINV
21058	5242	cm	CMAUTDAF
21059	5243	cm	CMAUWINFL
21060	5244	cm	CMAUBDINV

21061	5245	cm	CMAUL1DERR
21062	5246	cm	CMAUL1DTO
21063	5247	cm	CMAUNOBUFS
21064	5248	cm	CMAUMHINV
21065	5249	cm	CMAUMHPPIP
21066	524a	cm	CMAUNVUNIT
21067	524b	cm	UC_EL1
21068	524c	cm	UC_EPICB
21069	524d	cm	UC_EADRS
21070	524e	cm	UC_ECOUNT
21071	524f	cm	UC_EUSER
21072	5250	cm	MTB_STATE
21073	5251	cm	MTB_CHAN
21074	5252	cm	MTB_UNITTYP
21075	5253	cm	MTB_TIMER
21076	5254	cm	MTB_GENFRM
21077	5255	cm	MTB_ACTION
21078	5256	cm	MTB_IFD
21079	5257	cm	MTB_REJEVENT
21080	5258	cm	MTB_ERROR
21081	5259	cm	CMAUPINVUNIT
21082	525a	cm	CM_UCIERR
21083	525b	cm	MTINVPCCB
21084	525c	cm	CMAUXCBINV
21085	525d	cm	CMAUSOCKINV
21086	525e	cm	CMAUNVESDATA
21087	525f	cm	CMAUNOTPCPB
21088	5260	cm	CMAUINVTCPST
21089	5261	cm	CMAUTCPINV
21090	5262	cm	CMAUESATPINIT
21091	5263	cm	CMAUTCSOCONFAL
21092	5264	cm	CMAUTCSOBNDFAIL
21093	5265	cm	CMAUINVMESERV
21094	5266	cm	CMAUSOCRTFAIL
21095	5267	cm	CMAUSOBNDFAIL
21096	5268	cm	CMAUSOCONFAL
21097	5269	cm	CMAUSOCLSFAL
21098	526a	cm	CMAUSOSHUTFAIL
21099	526b	cm	CMAUTCMELNKDATA
21100	526c	cm	CMAUNOINPCB
21101	526d	cm	CMAUMENOCNFIG
21102	526e	cm	CMAUINVBIND
21103	526f	cm	CMAUINVHWADDR
21104	5270	cm	CMAUBADIPADDR
21150	529e	da	SXSMASRT
21151	529f	da	CCSMASRT
21152	52a0	da	CDSMASRT
21153	52a1	da	CHSMASRT
21154	52a2	da	CPSMASRT
21155	52a3	da	CQSMASRT
21156	52a4	da	GSSMASRT
21157	52a5	da	PHSMASRT
21158	52a6	da	TSSMASRT
21159	52a7	da	POSMASRT
21160	52a8	da	AUSMASRT
21161	52a9	da	MASMASRT
21162	52aa	da	QLSMASRT
21163	52ab	da	XRSMASRT
21164	52ac	da	ARLMASRT
21165	52ad	da	PYSMASRT
21166	52ae	da	TQSMASRT
21167	52af	da	CCLMASRT
21168	52b0	da	CDLMASRT
21169	52b1	da	CHLMASRT
21170	52b2	da	PCLMASRT
21171	52b3	da	PHLMASRT
21172	52b4	da	POLMASRT
21173	52b5	da	TSLMASRT
21174	52b6	da	ERSMASRT
21175	52b7	da	GEN_NOREL
21176	52b8	da	GEN_NOTUP
21177	52b9	da	EXLMASRT

21178	52ba	da	TGLMASRT
21179	52bb	da	GRLMASRT
21180	52bc	da	TKLMASRT
21181	52bd	da	TOLMASRT
21182	52be	da	LTLMASRT
21183	52bf	da	TGSMASRT
21184	52c0	da	EXSMASRT
21185	52c1	da	GRSMASRT
21186	52c2	da	APSMASRT
21187	52c3	da	ARSMASRT
21188	52c4	da	FLLMASRT
21189	52c5	da	BUSMASRT
21190	52c6	da	CQDBSMASRT
21191	52c7	da	STSMASRT
21192	52c8	da	LOSMASRT
21193	52c9	da	APDBSMASRT
21194	52ca	da	DOSMASRT
21195	52cb	da	STLMASRT
21196	52cc	da	CQLMASRT
21197	52cd	da	DOLMASRT
21198	52ce	da	MPLMASRT
21199	52cf	da	RRLMASRT
21200	52d0	da	PBSMASRT
21201	52d1	da	DASMASRT
21202	52d2	da	PBLMASRT
21203	52d3	da	BISMASRT
21204	52d4	da	BCSMASRT
21205	52d5	da	BILMASRT
21206	52d6	da	BCLMASRT
21207	52d7	da	PKSMASRT
21208	52d8	da	SPSMASRT
21209	52d9	da	DALMASRT
21210	52da	da	SPLMASRT
21211	52db	da	CRLMASRT
21212	52dc	da	TLSMASRT
21213	52dd	da	TPSMASRT
21214	52de	da	CASMASRT
21215	52df	da	SNSMASRT
21216	52e0	da	NBLMASRT
21217	52e1	da	ABSMASRT
21218	52e2	da	PRLMASRT
21219	52e3	da	QRLMASRT
21220	52e4	da	ASLMASRT

7. 5E12 Numeric Index: 21221-21850

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21221	52e5	da	TPLMASRT
21222	52e6	da	ASSMASRT
21223	52e7	da	ACLMASRT
21224	52e8	da	CBSMASRT
21225	52e9	da	DISMASRT
21226	52ea	da	BRSMASRT
21227	52eb	da	TESMASRT
21228	52ec	da	BRLMASRT
21229	52ed	da	DILMASRT
21230	52ee	da	DLLMASRT
21231	52ef	da	CBLMASRT
21232	52f0	da	OASMASRT
21233	52f1	da	OSSMASRT
21234	52f2	da	BFSMASRT
21235	52f3	da	SCLMASRT
21236	52f4	da	APLMASRT
21237	52f5	da	DBLMASRT
21238	52f6	da	SCSMASRT
21239	52f7	da	DBSMASRT
21240	52f8	da	QMSMASRT
21241	52f9	da	OTLMASRT
21242	52fa	da	NSSMASRT
21243	52fb	da	OTSMASRT
21244	52fc	da	BLSMASRT

21245	52fd	da	TMSMASRT
21246	52fe	da	DHSMASRT
21247	52ff	da	DMSMASRT
21248	5300	da	LYSMASRT
21249	5301	da	NSLMASRT
21250	5302	da	LYLMASRT
21251	5303	da	DHLMASRT
21252	5304	da	CLLMASRT
21253	5305	da	CLSMASRT
21254	5306	da	MDSMASRT
21255	5307	da	USSMASRT
21256	5308	da	NDSMASRT
21257	5309	da	NDLMASRT
21258	530a	da	CNSMASRT
21259	530b	da	CNLMASRT
21260	530c	da	DTSMASRT
21261	530d	da	DTLMASRT
21264	5310	da	LKSMASRT
21265	5311	da	OPLMASRT
21266	5312	da	LKLMASRT
21267	5313	da	TISMASRT
21268	5314	da	PVLMASRT
21269	5315	da	PVSMASRT
21270	5316	da	RVLMASRT
21271	5317	da	RVSMASRT
21273	5319	da	CVLMASRT
21274	531a	da	SRLMASRT
21275	531b	da	SRSMASRT
21276	531c	da	CVSMASRT
21277	531d	da	ALSMASRT
21278	531e	da	AHSMASRT
21279	531f	da	CZLMASRT
21280	5320	da	CZSMASRT
21281	5321	da	QCSMASRT
21282	5322	da	QCLMASRT
21283	5323	da	HCSMASRT
21284	5324	da	OPSMASRT
21285	5325	da	TRSMASRT
21286	5326	da	RQSMASRT
21287	5327	da	DPSMASRT
21288	5328	da	EISMASRT
21289	5329	da	HLSMASRT
21290	532a	da	SBSMASRT
21291	532b	da	PCSMASRT
21292	532c	da	PSSMASRT
21293	532d	da	PLSMASRT
21294	532e	da	QOSMASRT
21295	532f	da	LHSMASRT
21296	5330	da	MCSMASRT
21297	5331	da	TTSMASRT
21298	5332	da	RGSMASRT
21299	5333	da	TASMASRT
21300	5334	da	TALMASRT
21301	5335	da	TOSMASRT
21302	5336	da	E9LMASRT
21303	5337	da	E9SMASRT
21304	5338	da	MWSMASRT
21305	5339	da	S0SMASRT
21306	533a	da	S0LMASRT
21307	533b	da	RTSMASRT
21308	533c	da	RLSMASRT
21309	533d	da	RLLMASRT
21310	533e	da	RBSMASRT
21311	533f	da	LCLMASRT
21312	5340	da	LCSMASRT
21313	5341	da	SULMASRT
21314	5342	da	SUSMASRT
21315	5343	da	NBSMASRT
21316	5344	da	NILMASRT
21317	5345	da	NISMASRT
21318	5346	da	TNSMASRT
21319	5347	da	MLSMASRT

21320	5348	da	IASMASRT
21321	5349	da	TBSMASRT
21322	534a	da	TBLMASRT
21323	534b	da	PASMASRT
21324	534c	da	PALMASRT
21325	534d	da	PISMASRT
21326	534e	da	TELMASRT
21327	534f	da	ISSMASRT
21328	5350	da	FLSMASRT
21329	5351	da	EBSMASRT
21330	5352	da	ANSMASRT
21331	5353	da	CTSMASRT
21332	5354	da	CTLMASRT
21333	5355	da	AXSMASRT
21334	5356	da	PXSMASRT
21335	5357	da	CFSMASRT
21336	5358	da	CFLMASRT
21337	5359	da	CRSMASRT
21338	535a	da	MQSMASRT
21339	535b	da	OCLMASRT
21340	535c	da	OCSMASRT
21341	535d	da	HISMASRT
21342	535e	da	HILMASRT
21343	535f	da	PESMASRT
21344	5360	da	PQSMASRT
21345	5361	da	QTSMASRT
21346	5362	da	ICSMASRT
21347	5363	da	QGSMASRT
21348	5364	da	PRSMASRT
21349	5365	da	QRSMASRT
21350	5366	da	UTSMASRT
21351	5367	da	TDSMASRT
21352	5368	da	C7SMASRT
21353	5369	da	E7SMASRT
21354	536a	da	P7SMASRT
21355	536b	da	T7SMASRT
21356	536c	da	SLSMASRT
21359	536f	da	TDLMASRT
21360	5370	da	HDLMASRT
21361	5371	da	SDSMASRT
21362	5372	da	SDLMASRT
21363	5373	da	UDLMASRT
21364	5374	da	UDSMASRT
21365	5375	da	VLLMASRT
21366	5376	da	AKSMASRT
21367	5377	da	GTSMASRT
21368	5378	da	COSMASRT
21369	5379	da	C1SMASRT
21370	537a	da	DCSMASRT
21371	537b	da	JFSMASRT
21372	537c	da	D6SMASRT
21373	537d	da	LXSMASRT
21374	537e	da	LBSMASRT
21375	537f	da	N7SMASRT
21376	5380	da	NASMASRT
21377	5381	da	N1SMASRT
21378	5382	da	RRSMASRT
21379	5383	da	MRSMASRT
21380	5384	da	S7SMASRT
21381	5385	da	RDSMASRT
21382	5386	da	XPSMASRT
21383	5387	da	IGLMASRT
21384	5388	da	IGSMASRT
21385	5389	da	GSLMASRT
21386	538a	da	GKLMASRT
21387	538b	da	GKSMASRT
21388	538c	da	QDSMASRT
21389	538d	da	LQSMASRT
21390	538e	da	HQSMASRT
21391	538f	da	QVSMASRT
21392	5390	da	QVLMASRT
21393	5391	da	SQSMASRT

21394	5392	da	DNLMASRT
21395	5393	da	DNSMASRT
21396	5394	da	QBLMASRT
21397	5395	da	QBSMASRT
21398	5396	da	QPSMASRT
21399	5397	da	QPLMASRT
21400	5398	da	SESMASRT
21401	5399	da	AQLMASRT
21402	539a	da	AQSMASRT
21403	539b	da	SXLMASRT
21404	539c	da	FTSMASRT
21405	539d	da	OHSMASRT
21450	53ca	dg	DGRXSE0
21451	53cb	dg	DGRXSE1
21452	53cc	dg	DGRXSE2
21453	53cd	dg	DGRXSE3
21454	53ce	dg	DGRXSE4
21455	53cf	dg	DGRXSE5
21456	53d0	dg	DGRXSE6
21457	53d1	dg	DGRXSE7
21458	53d2	dg	DGPE1
21459	53d3	dg	DGPE2
21460	53d4	dg	DGPE3
21461	53d5	dg	DGPE4
21462	53d6	dg	DGPE5
21463	53d7	dg	DGDATA PROB
21464	53d8	dg	DGPE7
21466	53da	dg	DGPE9
21468	53dc	dg	DGPE11
21469	53dd	dg	DGPE12
21470	53de	dg	DGPE13
21471	53df	dg	DGRXSE8
21472	53e0	dg	DGRXSE9
21550	542e	fc	FCNFTLDB
21551	542f	fc	FCUNXMSG
21552	5430	fc	FCBADVALUE
21554	5432	fc	FCBADOCDS
21555	5433	fc	FCBADSTATE
21558	5436	fc	DCGPAXHC
21559	5437	fc	FCCARRTRIG
21561	5439	fc	FCASPCARTRG
21563	543b	fc	FCBADPARM
21570	5442	fc	FC0000
21573	5445	fc	FC0003
21574	5446	fc	FC0004
21575	5447	fc	FC0005
21580	544c	fc	FC0010
21585	5451	fc	FC0015
21589	5455	fc	FC911TBAD
21590	5456	fc	FCE9OPBAD
21603	5463	fc	FC0033
21604	5464	fc	FC0034
21609	5469	fc	FC0039
21620	5474	fc	FC0050
21622	5476	fc	FC0052
21623	5477	fc	FC0053
21624	5478	fc	FC0054
21625	5479	fc	FC0055
21626	547a	fc	FC0056
21627	547b	fc	FC0057
21629	547d	fc	FC0059
21645	548d	fc	FC0075
21646	548e	fc	FC0076
21650	5492	fc	FC0080
21651	5493	fc	FC0081
21652	5494	fc	FC0082
21654	5496	fc	FC0084
21661	549d	fc	FC0091
21662	549e	fc	FC0092
21663	549f	fc	FC0093
21664	54a0	fc	FC0094
21667	54a3	fc	FC0097

21669	54a5	fc	FC0099
21672	54a8	fc	FCASPNOBIL
21673	54a9	fc	DCGPVACANT
21674	54aa	fc	DCGETCBDB
21676	54ac	fc	FC0106
21677	54ad	fc	FC0107
21678	54ae	fc	FC0108
21680	54b0	fc	FC0110
21681	54b1	fc	FC0111
21682	54b2	fc	FC0112
21684	54b4	fc	FC0114
21685	54b5	fc	FC0115
21686	54b6	fc	FC0116
21687	54b7	fc	FC0117
21688	54b8	fc	FC0118
21690	54ba	fc	FCPPSI04
21697	54c1	fc	FC0127
21699	54c3	fc	FC0129
21706	54ca	fc	FCHTLREL
21707	54cb	fc	FCHTLTUP
21708	54cc	fc	FCISPSCRN
21709	54cd	fc	FCOPRTKREL
21710	54ce	fc	FCOPRTKTUP
21711	54cf	fc	FCDIOPRREL
21712	54d0	fc	FCDIOPRTUP
21716	54d4	fc	ISFBBRCSDDB
21717	54d5	fc	ISFBDALB
21718	54d6	fc	ISFBDBPB
21719	54d7	fc	FCAPCCC
21723	54db	fc	FCUNCNFL
21725	54dd	fc	FC0155
21726	54de	fc	FC0156
21727	54df	fc	FCACCT_CF
21728	54e0	fc	FCACCT_GP
21729	54e1	fc	FCACCT_PRT
21730	54e2	fc	FCACCT_RTG
21731	54e3	fc	FCINV_GPID
21733	54e5	fc	FCATH_CF
21734	54e6	fc	FCATH_PRT
21735	54e7	fc	FCATH_FCOS
21736	54e8	fc	FCATH_GP
21737	54e9	fc	FCATGP_INV
21738	54ea	fc	ISFBLINK
21739	54eb	fc	ISFBTEDB
21740	54ec	fc	MCRBQERR
21741	54ed	fc	FCRBQBTP
21742	54ee	fc	FCARALTFRL
21744	54f0	fc	ISFBIDLE
21745	54f1	fc	ISFBNOTEDB
21747	54f3	fc	ISFBUNLINK
21748	54f4	fc	FCMQSET1
21749	54f5	fc	FCMQSET2
21750	54f6	fc	FCMQWHN1
21751	54f7	fc	FCMQWHN2
21752	54f8	fc	FCMDRCF
21753	54f9	fc	FCMDRPORT
21754	54fa	fc	FCMDRINVGPID
21755	54fb	fc	FCMDRGP
21756	54fc	fc	ISNOBNFEAT
21757	54fd	fc	ISNOFEATBN
21758	54fe	fc	FCDNFEAT
21759	54ff	fc	FCTRMFEAT
21760	5500	fc	FCSDNBDBF
21761	5501	fc	ISDSP_ACN
21762	5502	fc	ISDSP_REST
21763	5503	fc	ISDSP_RMSG
21764	5504	fc	ISDSP_SWTCH
21765	5505	fc	FCMDS_CF
21766	5506	fc	FCBADREAS
21767	5507	fc	FCMDS_PORT
21768	5508	fc	FCMDS_IGR
21769	5509	fc	FCMDS_GRP

21770	550a	fc	FCMSSPIN
21771	550b	fc	FCMSPMSG
21772	550c	fc	FCMSFREQ
21773	550d	fc	FCMWITP
21774	550e	fc	FCBLLTP
21775	550f	fc	FCMWRFTP
21776	5510	fc	ISEDGRP
21777	5511	fc	ISEDSCF
21778	5512	fc	ISEDINVGPID
21779	5513	fc	ISEDSPORT
21780	5514	fc	ISEDS_APID
21781	5515	fc	FCANCHDENTRY
21782	5516	fc	FCANCHDID
21783	5517	fc	FCINSDYN
21784	5518	fc	FCLNBRCs
21785	5519	fc	FCLNCBDB
21786	551a	fc	FCLNDALB
21788	551c	fc	FCRGLPRM
21789	551d	fc	FCUGLPRM
21790	551e	fc	FCGETCBDB
21791	551f	fc	FCLNCBPC
21792	5520	fc	ISAHBLTM
21793	5521	fc	ISAHHCBL
21794	5522	fc	ISDAGTAM
21795	5523	fc	ISDBFDAM
21796	5524	fc	ISDBFIAH
21797	5525	fc	ISDBFIAM
21798	5526	fc	ISRSBLTM
21799	5527	fc	ISRSHCBL
21800	5528	fc	FCFPCCB
21801	5529	fc	FCBAD4WIRE
21803	552b	fc	FC4WDRACB
21810	5532	fc	FCUPCCB
21811	5533	fc	DCLNCBPC
21812	5534	fc	FCNLUPERR
21817	5539	fc	FCATH_CACHE
21818	553a	fc	FCMDC_GRP
21819	553b	fc	FCLNADB
21820	553c	fc	FCLNSCMBD
21821	553d	fc	FCTCMINVRAN
21822	553e	fc	FCARTCM
21823	553f	fc	FCUNDPINFO
21825	5541	fc	FCUNFLGNSC
21826	5542	fc	FCUNNSC
21827	5543	fc	FCUNOFFON
21828	5544	fc	FCUNONDI
21829	5545	fc	FCUNONOFF
21830	5546	fc	FCUNRLOFFON
21835	554b	fc	FCANCINENTRY
21836	554c	fc	FCANCINID
21837	554d	fc	FCANCTRETRY
21838	554e	fc	FCANCTRID
21840	5550	fc	ISBADMSG
21849	5559	fc	ISNRMODS
21850	555a	fc	ISAHHCBR

8. 5E12 Numeric Index: 21851-22270

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21851	555b	fc	ISAHHCBI
21852	555c	fc	ISRDATTM
21853	555d	fc	ISBADARG
21854	555e	fc	ISBADPARM
21855	555f	fc	ISDISPCF
21856	5560	fc	ISDSP_SMSG
21857	5561	fc	ISFBRDI
21858	5562	fc	ISFCLINE
21859	5563	fc	ISFDABR
21860	5564	fc	ISFDAPC
21861	5565	fc	ISFPCDA
21862	5566	fc	ISGETDALB

21863	5567	fc	ISGETPCBLA
21864	5568	fc	ISGHTEDA
21865	5569	fc	ISGOTEDA
21866	556a	fc	ISGRPPORT
21867	556b	fc	ISGSTEDA
21868	556c	fc	ISICX_ICI
21869	556d	fc	ISINDISPTUP
21870	556e	fc	ISINVSTR
21871	556f	fc	ISINVTERM
21872	5570	fc	ISINV_ENVAL
21873	5571	fc	ISISATMBR
21874	5572	fc	ISLBRDI
21875	5573	fc	ISLIDCF
21876	5574	fc	ISMISCA
21877	5575	fc	ISNO2LINK
21878	5576	fc	ISOFFICECODE
21879	5577	fc	ISPORTGRP
21880	5578	fc	ISPTLA
21881	5579	fc	ISQO_ICI
21882	557a	fc	ISQ_ISAT
21884	557c	fc	ISRDSPLYPAR
21885	557d	fc	ISRHHCBR
21886	557e	fc	ISRHHCBI
21887	557f	fc	DCPUTCBDB
21888	5580	fc	ISRTMHG
21889	5581	fc	ISTERMCA
21890	5582	fc	ISUBRDA
21891	5583	fc	ISUBRDI
21893	5585	fc	ISUDISPPAR
21895	5587	fc	ISLBRDA
21896	5588	fc	MTOUTMSGER
21897	5589	fc	MTPASSMSGER
21898	558a	fc	MTUNLCKER
21899	558b	fc	ISSOOLD
21900	558c	fc	FCNOISLN
21902	558e	fc	FCMWISDNERR
21903	558f	fc	FCBADNRST
21904	5590	fc	FCNONRST
21907	5593	fc	FCOSWTFail
21908	5594	fc	ISBAD_MEM
21909	5595	fc	FCMWNOCC
21910	5596	fc	ISBADMWdYN
21911	5597	fc	FCPHDBER
21912	5598	fc	FCDESTYP
21913	5599	fc	FCNOHDALB
21914	559a	fc	FCTSDBER
21915	559b	fc	MTWGETER
21917	559d	fc	MTBADPFMSTATE
21918	559e	fc	FCSHTERM
21919	559f	fc	MTUNEXPMMSG
21920	55a0	fc	ISNODALB
21921	55a1	fc	ISPPGHTEDA
21922	55a2	fc	FBDNFEATS
21923	55a3	fc	ISFCPORTYP
21924	55a4	fc	ISLINECA
21925	55a5	fc	ISLPTPT
21926	55a6	fc	ISPACK_NLOADED
21927	55a7	fc	FCMDCINV
21929	55a9	fc	ISNOICMTERM
21930	55aa	fc	ISNOICM1LST
21931	55ab	fc	ISUMICMGRP
21932	55ac	fc	FCDEFAULT
21933	55ad	fc	FCOSLNGTH
21939	55b3	fc	ISRHHCDA
21940	55b4	fc	ISLPCDL
21941	55b5	fc	ISFPCDL
21942	55b6	fc	ISAUPCDL
21943	55b7	fc	ISUPCDA
21944	55b8	fc	ISUPCDL
21945	55b9	fc	ISLPCDA
21946	55ba	fc	ISHHCBI
21947	55bb	fc	ISAHHCDA

21949	55bd	fc	FCATCOS
21950	55be	fc	FCACB_CF
21951	55bf	fc	FCACB_PORT
21952	55c0	fc	DCOSSENDFAIL
21953	55c1	fc	FCAD1S_IDP
21954	55c2	fc	DCSREASON
21955	55c3	fc	FCAD2S_IDP
21956	55c4	fc	DCSVFSM
21957	55c5	fc	DCSLOOPFSM
21958	55c6	fc	FCARCF
21959	55c7	fc	FCARGP
21960	55c8	fc	FCARPORT
21961	55c9	fc	FCARSCRN
21962	55ca	fc	DCTREASON
21963	55cb	fc	FCCF_CF
21964	55cc	fc	FCCF_LTM
21965	55cd	fc	FCCW_CF
21966	55ce	fc	FCCW_PORT
21967	55cf	fc	FCDR_CF
21968	55d0	fc	DCUNEXPMMSG
21969	55d1	fc	FCIDP_ACT
21970	55d2	fc	FCIDP_CF
21971	55d3	fc	DCUNEXPINP
21972	55d4	fc	FCIDP_DTRE
21973	55d5	fc	FCIDP_GP
21974	55d6	fc	FCIDP_ICOM
21975	55d7	fc	FCIDP_PORT
21976	55d8	fc	FCLTM_PORT
21977	55d9	fc	FCMWCF
21978	55da	fc	FCMWPORT
21979	55db	fc	FCPF_GP
21980	55dc	fc	FCPF_PARM
21981	55dd	fc	FCPF_PORT
21982	55de	fc	DCINVDATA
21983	55df	fc	FCPUO_CF
21984	55e0	fc	FCPUT_CF
21985	55e1	fc	FCPU_LTM
21986	55e2	fc	FCPU_PORT
21987	55e3	fc	FCTD_CF
21988	55e4	fc	FCTD_CODE
21989	55e5	fc	FCTD_SCHED
21991	55e7	fc	FCTG_CF
21992	55e8	fc	DCTMRFAIL
21993	55e9	fc	DCAPXAMAP
21995	55eb	fc	ISBADMWRET
21996	55ec	fc	FCMSINVACT
21998	55ee	fc	DCAPXTMAP
21999	55ef	fc	DC_PCBLA
22000	55f0	fc	DC_GPAXDB
22001	55f1	fc	DC_APXCTBL
22002	55f2	fc	FC_COINCHG
22003	55f3	fc	DCGRP_PRT
22004	55f4	fc	DCTRKSTAT
22005	55f5	fc	FC_TRUNK
22006	55f6	fc	DCNOPCBLA
22007	55f7	fc	FCBADNS_TN
22008	55f8	fc	ISSDTEDB
22009	55f9	fc	ISRSTEDA
22010	55fa	fc	ISAHTEDA
22011	55fb	fc	FCMWIBODD
22012	55fc	fc	FCNOPAPB
22014	55fe	fc	ISFBLTMSTAT
22015	55ff	fc	FCMDS_INVAP
22016	5600	fc	ISSENEXT
22018	5602	fc	ISBKINSR
22020	5604	fc	ISGETPTLA
22021	5605	fc	ISGETTEDB
22022	5606	fc	ISGETTCB
22023	5607	fc	ISGETADB
22024	5608	fc	ISDLBKEY
22025	5609	fc	ISHHCDB
22026	560a	fc	ISOSERNG

22027	560b	fc	ISANFAILTP
22028	560c	fc	ISANALMSG
22029	560d	fc	ISMSGTYPE
22030	560e	fc	ISBADADB
22031	560f	fc	ISBADDALB
22032	5610	fc	BADDALBPID
22034	5612	fc	ISSC MDB
22036	5614	fc	ISFNDDISP
22037	5615	fc	ISKAMSG
22038	5616	fc	ISATHCDB
22039	5617	fc	ISLPODB
22040	5618	fc	ISXLFAIL
22041	5619	fc	ISSCMLPT
22042	561a	fc	ISSCMMMSG
22043	561b	fc	ISKATPCR
22044	561c	fc	ISFBINTER
22046	561e	fc	ISSHDACK
22047	561f	fc	ISSHSCINIT
22049	5621	fc	ISTERMARRAY
22051	5623	fc	ISADBPID
22052	5624	fc	ISBR_FRDA
22053	5625	fc	ISINTMSG
22054	5626	fc	ISEXTMSG
22056	5628	fc	ISGTOOSDALB
22057	5629	fc	FCNPTMOD
22058	562a	fc	ISINVICI
22059	562b	fc	FCATER01
22060	562c	fc	FCINVMWITP
22061	562d	fc	FCNOMWIREQ
22062	562e	fc	FCBADMWIREQ
22063	562f	fc	FCINMSGMWI
22064	5630	fc	FCNOPRT2MWI
22065	5631	fc	FCBADAVMWIPQ
22066	5632	fc	FCBADMWCRCPQ
22067	5633	fc	FCINVMWRFTP
22068	5634	fc	DCBADTKST
22069	5635	fc	FCMSSIPOD
22070	5636	fc	ISFBLDAT
22071	5637	fc	FCATCMSGBAD
22072	5638	fc	FCATCRTIBAD
22073	5639	fc	MTDALBERR
22074	563a	fc	MTOPENERRR
22075	563b	fc	MTBAVAILERR
22076	563c	fc	MTCLOSERR
22077	563d	fc	DCTKMEMBAD
22078	563e	fc	DCUNLKBUSY
22079	563f	fc	DCUNLKIDLE
22080	5640	fc	FCDNBFG
22081	5641	fc	FCTRMBFG
22082	5642	fc	FCPP_LTM
22083	5643	fc	FCDSU2NRS
22084	5644	fc	DCLINKIDLE
22085	5645	fc	FC_FACIDS
22086	5646	fc	FCPUG_SM
22087	5647	fc	FCBADQUE
22088	5648	fc	ISRTDNMHG
22089	5649	fc	ISATPRT
22090	564a	fc	ISATGRP
22091	564b	fc	ISATCF
22092	564c	fc	FCPCCLSP
22093	564d	fc	FCCLMDSPP
22094	564e	fc	FCNOMEMPCCL
22095	564f	fc	FCNOMEMCLMD
22098	5652	fc	FCBADMOD
22099	5653	fc	FCMSSAPBFAIL
22101	5655	fc	FCCORC
22102	5656	fc	FCMHG_CF
22103	5657	fc	ISACOFTR
22104	5658	fc	DCLINKBUSY
22111	565f	fc	FCINVMGRASP
22112	5660	fc	FCBADMFRASP
22113	5661	fc	ISNOCCODE

22114	5662	fc	ISISTGIDX
22115	5663	fc	ISISAFIDX
22116	5664	fc	FCDCACTER
22117	5665	fc	BFGACCT_PRT
22118	5666	fc	BFGATH_PRT
22119	5667	fc	BFGARPORT
22120	5668	fc	BFGACB_PORT
22121	5669	fc	BFGPU_LTM
22122	566a	fc	BFGEDS_PORT
22123	566b	fc	BFGMWPORT
22124	566c	fc	BFGIDP_PORT
22125	566d	fc	BFGPF_PORT
22126	566e	fc	BFGMDR_PORT
22127	566f	fc	BFGPU_PORT
22128	5670	fc	FCCFSCOP
22129	5671	fc	BFGPP_LTM
22130	5672	fc	FCCFLNTRM
22131	5673	fc	BFGCW_PORT
22132	5674	fc	FCBADTMR
22133	5675	fc	FCBADMSG
22134	5676	fc	FCBADACT
22135	5677	fc	FCMSGFLRASP
22136	5678	fc	FCRASPIN
22137	5679	fc	FCCFOVSCOP
22138	567a	fc	FCCFOVLNTRM
22139	567b	fc	FCINVSLOT
22140	567c	fc	FCCFIDLERR
22143	567f	fc	FCBKLATANUM
22144	5680	fc	FCDIOPRFAIL
22145	5681	fc	FCFLNPAMAP
22146	5682	fc	FCHOTELFAIL
22147	5683	fc	FCNPAMAPTUP
22148	5684	fc	FCOAEXMAPFAIL
22149	5685	fc	FCOPRTKFAIL
22150	5686	fc	FCRTSCRNFAIL
22151	5687	fc	ICLIDIDX
22152	5688	fc	ISISATGRP
22153	5689	fc	FCASPCPOHD
22154	568a	fc	FCCPPOPC
22155	568b	fc	FCASPSTDOLD
22156	568c	fc	ISFDABR2
22157	568d	fc	ISGETEDB
22158	568e	fc	ISGODPTE
22159	568f	fc	ISLPMVPORT
22160	5690	fc	ISPORPCBLA
22161	5691	fc	FCASPCPFB
22162	5692	fc	FCBADPCRRASP
22163	5693	fc	FCDB_AMGPD
22164	5694	fc	FCRTDNMOD
22165	5695	fc	FCRT_DNTRAN
22166	5696	fc	ISDSL_EQUIP
22167	5697	fc	ICLIDATA
22168	5698	fc	ICLIDDB
22174	569e	fc	FCCFPF_LTM
22175	569f	fc	FCSPABILLDN
22176	56a0	fc	FCSPABNDSCRN
22177	56a1	fc	FCSPAENXX
22179	56a3	fc	FCPP_CF
22180	56a4	fc	FCPP_TRUNK
22181	56a5	fc	FCPP_COS
22182	56a6	fc	FCPP_COI
22183	56a7	fc	FCPUO_ROUT
22184	56a8	fc	FCLTSBPORT
22185	56a9	fc	FCLTSCSPMSG
22186	56aa	fc	FCLTBRMSER
22187	56ab	fc	FCPCC_CC
22188	56ac	fc	FCLTUXBRCS
22189	56ad	fc	NOANILHB
22190	56ae	fc	NOISILHB
22191	56af	fc	NOANOLHB
22192	56b0	fc	NOISOLHB
22193	56b1	fc	FCARCBADPARM

22194	56b2	fc	DAANILHB
22195	56b3	fc	DAISILHB
22196	56b4	fc	DAANOLHB
22197	56b5	fc	DAISOLHB
22198	56b6	fc	FCARCMXPUNXP
22199	56b7	fc	FCARCMMSGUNXP
22200	56b8	fc	FCARCOSMGERR
22201	56b9	fc	FCTMRARCFAIL
22203	56bb	fc	FCSDNBRET
22204	56bc	fc	FCCOT_CF
22205	56bd	fc	FCAC_PORT
22206	56be	fc	FCAR_PORT
22207	56bf	fc	FCIDPRDTRE
22208	56c0	fc	FCSDNFINTF
22209	56c1	fc	FCSDNFFINTF
22210	56c2	fc	FCTR_UNKN
22211	56c3	fc	FCBADPTRSP
22213	56c5	fc	FCPUENTRY
22214	56c6	fc	FCPUQUEUE
22215	56c7	fc	FCE9BADSFG
22216	56c8	fc	FCALOSRVOT
22219	56cb	fc	FCLTUNLKER
22220	56cc	fc	FCLTATPLER
22221	56cd	fc	FCLTREORER
22222	56ce	fc	FCLTGTUPER
22223	56cf	fc	FCLTLINKER
22224	56d0	fc	FCLTCOSER
22225	56d1	fc	FCCF_LDN
22226	56d2	fc	FCLTEXTMSG
22227	56d3	fc	FCLTINTMSG
22228	56d4	fc	FCSLEPROCERR
22229	56d5	fc	FCSLELENGTHERR
22230	56d6	fc	FCSLEDEFAULT
22231	56d7	fc	FCTRPFANI
22232	56d8	fc	FCTREDLANI
22233	56d9	fc	FCTRKSDN
22234	56da	fc	FCPNGRNG
22235	56db	fc	ISACSR_GRP
22236	56dc	fc	ISACSR_OPT
22238	56de	fc	FCIDPRICOM
22239	56df	fc	FCCFGPCB
22240	56e0	fc	FCCOTCLASS
22241	56e1	fc	FCCOTDISP
22242	56e2	fc	FCCOTRESP
22243	56e3	fc	FCCOTTMEQ
22244	56e4	fc	FCAR_CF
22245	56e5	fc	FCAC_CF
22246	56e6	fc	FCBNS_DB
22247	56e7	fc	FCB_PSEUDO
22248	56e8	fc	FCDISERV
22249	56e9	fc	FCCFGTDB
22250	56ea	fc	FCNSOFF
22251	56eb	fc	FCNSON
22252	56ec	fc	FCNONSDB
22253	56ed	fc	FCACPF
22254	56ee	fc	FCMHG_TGSR
22255	56ef	fc	FCCDVTP
22256	56f0	fc	FCCDVUNX
22257	56f1	fc	FCSCM_NSCM
22258	56f2	fc	FCLPTSPID
22259	56f3	fc	FCCDVTRG
22260	56f4	fc	FCGHPCCCL
22261	56f5	fc	FCGSPCCCL
22262	56f6	fc	FCLNCLDB
22263	56f7	fc	FCLNMDB
22264	56f8	fc	FCCPNBNCF
22265	56f9	fc	FCSCPAS
22266	56fa	fc	FCSLEBADMSG
22267	56fb	fc	FCSLEINVLDRREQ
22268	56fc	fc	FCSCALTM
22269	56fd	fc	FCSCFLTM
22270	56fe	fc	FCSCRLTM

9. 5E12 Numeric Index: 22271-22930

ERROR CODE	PRM CODE	RANGE	MNEMONIC
22271	56ff	fc	FCSDALTM
22272	5700	fc	FCLSF_CF
22273	5701	fc	FCBFGSC_PORT
22274	5702	fc	FCSC_CF
22275	5703	fc	FCSC_PORT
22276	5704	fc	FCACDAFAIL
22277	5705	fc	FC4WDAC
22278	5706	fc	FC4WDAR
22279	5707	fc	FCGENSCA
22280	5708	fc	FCGENSCF
22281	5709	fc	FCGENSCR
22282	570a	fc	FCGENSDA
22283	570b	fc	FCLSFSCA
22284	570c	fc	FCLSFSCF
22285	570d	fc	FCLSFSCR
22286	570e	fc	FCLSFSDA
22287	570f	fc	FCLSFHCA
22288	5710	fc	FCLSFHCF
22289	5711	fc	FCLSFHCR
22290	5712	fc	FCLSFHDA
22291	5713	fc	FCSLEDSP
22292	5714	fc	FCSMSEQIDX
22293	5715	fc	FCCAR_GENAV
22294	5716	fc	FCGHCLMD
22295	5717	fc	FCGSCLMD
22296	5718	fc	FCSLETMRC
22297	5719	fc	FCSLETARG
22298	571a	fc	FCSLETFID
22299	571b	fc	FCLNFFINTF
22300	571c	fc	FCIMPDGTS
22302	571e	fc	FCTRKLN
22303	571f	fc	FCIVLFEATCNT
22304	5720	fc	FCLNBRET
22305	5721	fc	FCLNFINTF
22306	5722	fc	FCBDACTN
22307	5723	fc	FCLSNTWK
22308	5724	fc	FCRTRROUTING
22309	5725	fc	FCBADRBREAS
22310	5726	fc	FCSHTRMCNT
22311	5727	fc	FCFRLRNG
22312	5728	fc	FCTCMRNG
22313	5729	fc	FCHCALIST
22314	572a	fc	FCBDFRAME
22315	572b	fc	FCBNETGRP
22316	572c	fc	FCLNEDSLANI
22317	572d	fc	FCLNISDNANI
22318	572e	fc	FCLNPFANI
22319	572f	fc	FCQDATNAVL
22320	5730	fc	FCLNNOCAR
22321	5731	fc	FCLNARPORT
22322	5732	fc	FCARLNSI
22323	5733	fc	FCHCFLIST
22324	5734	fc	FCHCRLIST
22325	5735	fc	FCHDALIST
22326	5736	fc	FCLNTCMDG
22327	5737	fc	FCPFCPECOS
22328	5738	fc	FCPF_CT
22329	5739	fc	FCPF_POVL
22330	573a	fc	FCPF_PCT
22331	573b	fc	FCICBGP1
22332	573c	fc	FCICBGP2
22333	573d	fc	FCICBGP3
22334	573e	fc	FCICBGP4
22335	573f	fc	FCHI_CF
22336	5740	fc	FCULNSDB
22337	5741	fc	HIUNEXPMMSG
22338	5742	fc	FCIDP_ERT

22339	5743	fc	FCIDP_AERT
22340	5744	fc	FCMWOSSNDERR
22341	5745	fc	FCTPUNXMSG
22342	5746	fc	FCBADQMUSIC
22343	5747	fc	FCAISSMISS
22344	5748	fc	FCCOFFICECODE
22345	5749	fc	FCBTRK_DATA
22346	574a	fc	FC2CF_LTM
22347	574b	fc	FC3CF_LTM
22348	574c	fc	FC4CF_LTM
22349	574d	fc	FCTRMNCON
22350	574e	fc	FCDNINCON
22351	574f	fc	FCSHRINCON
22352	5750	fc	FCCPFNONCT
22353	5751	fc	FCCR_STUCK
22354	5752	fc	FCDSPMSG
22355	5753	fc	FCCHRGIDXEXP
22356	5754	fc	FCLPCE9
22357	5755	fc	FCRHHCE9
22358	5756	fc	FCE911PSAP
22359	5757	fc	FCCSENDMSG
22360	5758	fc	FCAHHCE9
22361	5759	fc	FCRERTFAIL
22362	575a	fc	FCFCPORTYP
22363	575b	fc	FCRT_SCRNING
22364	575c	fc	FCCOPER_SIG
22365	575d	fc	FCMWIBADHC
22366	575e	fc	FCUNXDESTTYPE
22367	575f	fc	FCUNXTYPCICALL
22368	5760	fc	FCMSMWIDA
22372	5764	fc	FCE9ESCOBAD
22373	5765	fc	FCEDSLTKG
22374	5766	fc	FCE9DASBAD
22375	5767	fc	FCE9SABAD
22376	5768	fc	FCE9DNBAD
22377	5769	fc	FCE9QRYBAD
22378	576a	fc	FCINSNSDB
22379	576b	fc	FCNOTGTO
22380	576c	fc	ISGODPDA
22381	576d	fc	ISAHDPDA
22383	576f	fc	FCLNLSCMDB
22384	5770	fc	FCASPANN
22388	5774	fc	FCRT_TG
22389	5775	fc	FCTATSTATE
22390	5776	fc	FCTAT_LNTM
22391	5777	fc	FCASP_LTM
22393	5779	fc	FCB_TATDB
22394	577a	fc	FCACDDIS
22395	577b	fc	FCASPPORT
22396	577c	fc	FCASPMTNST
22397	577d	fc	FCASPMNST
22398	577e	fc	FCASPPMNST
22399	577f	fc	FCASPSKMNST
22400	5780	fc	FCINSTATDB
22401	5781	fc	FCNOTATDB
22402	5782	fc	FCNORRTI
22403	5783	fc	FCTRKNOTA
22404	5784	fc	FCNOMUSRC
22405	5785	fc	FCTGLTM
22407	5787	fc	FCCLSUSPP
22408	5788	fc	FCHCSUAUD
22409	5789	fc	ISSOFTSPP
22410	578a	fc	FCGRPNET
22411	578b	fc	FCNCPDIP
22412	578c	fc	FCCNAMDATA
22413	578d	fc	FCBNS_IDX
22414	578e	fc	FCBTN_INFO
22415	578f	fc	FCBNS_BILL
22416	5790	fc	FCREDIRCNT
22417	5791	fc	FCBFGPORT
22418	5792	fc	FCCKT_PORT
22420	5794	fc	FCNULPORT

22421	5795	fc	FCBCR_NS
22422	5796	fc	FCINNS_IDX
22423	5797	fc	FCINTN_INFO
22424	5798	fc	FCINNS_BILL
22425	5799	fc	FCTATON
22426	579a	fc	FCNS_TRIG
22427	579b	fc	FCNS_ALGT
22428	579c	fc	FCBADSRCTYP
22429	579d	fc	FCBNS_TAT
22430	579e	fc	FCBQRY_CNT
22431	579f	fc	FCRELAYMSGER
22432	57a0	fc	FCERRMSGsze
22433	57a1	fc	FCCBCPIDERR
22434	57a2	fc	FCNS_SCR
22435	57a3	fc	FCISPTIBAD
22436	57a4	fc	FCASPEAOHD
22441	57a9	fc	FCLNAPB
22443	57ab	fc	FCERNS_IDX
22444	57ac	fc	FCERNSDB
22445	57ad	fc	FCERNS_BILL
22446	57ae	fc	FCERTN_INFO
22447	57af	fc	FCERTATDB
22448	57b0	fc	FCIDP_MBGE
22453	57b5	fc	FCIPNSTRIG
22455	57b7	fc	DCBADDATA
22457	57b9	fc	FCINSATCALL
22464	57c0	fc	FCASPDFDNT
22465	57c1	fc	FCASPDFSPDN
22466	57c2	fc	FCASPDFANNC
22469	57c5	fc	FCNOCFDA
22476	57cc	fc	FCRCMULTIDN
22477	57cd	fc	FCVPNPRIOHD
22489	57d9	fc	FCOHICSD
22491	57db	fc	FCPEDSGRP
22492	57dc	fc	FCPZEDSGPID
22496	57e0	fc	FCNOLNPTRIG
22498	57e2	fc	FCINVAPDATA
22501	57e5	fc	FCBADCDST
22502	57e6	fc	FCINVTNSC2DAS
22503	57e7	fc	DCQIWKEY
22504	57e8	fc	FCTRANSEXCEEDED
22505	57e9	fc	FCFRUNEXP
22506	57ea	fc	FCAUDALB
22507	57eb	fc	FCBADOSRET
22508	57ec	fc	FCNOEONCOS
22550	5816	hm	HMMAP0
22551	5817	hm	HMMAP1
22552	5818	hm	HMMAP2
22553	5819	hm	HMMAP3
22554	581a	hm	HMMAP4
22555	581b	hm	HMMAP5
22556	581c	hm	HMMAP6
22557	581d	hm	HMMAP7
22558	581e	hm	HMMAP8
22559	581f	hm	HMMAP9
22560	5820	hm	HMMAP10
22561	5821	hm	HMMAP11
22562	5822	hm	HMMAP12
22563	5823	hm	HMMAP13
22564	5824	hm	HMMAP14
22565	5825	hm	HMMAP15
22566	5826	hm	HMMAP16
22567	5827	hm	HMMAP17
22568	5828	hm	HMMAP18
22569	5829	hm	HMMAP19
22570	582a	hm	HMMAP20
22571	582b	hm	HMMAP21
22572	582c	hm	HMMAP22
22573	582d	hm	HMMAP23
22574	582e	hm	HMMAP24
22575	582f	hm	HMMAP25
22576	5830	hm	HMMAP26

22577	5831	hm	HMMAP27
22578	5832	hm	HMMAP28
22579	5833	hm	HMMAP29
22580	5834	hm	HMRMAP00
22581	5835	hm	HMRMAP01
22582	5836	hm	HMRMAP02
22583	5837	hm	HMRMAP03
22584	5838	hm	HMRMAP04
22585	5839	hm	HMRMAP05
22586	583a	hm	HMRMAP06
22587	583b	hm	HMRMAP07
22588	583c	hm	HMRMAP08
22589	583d	hm	HMRMAP09
22590	583e	hm	HMOMTBLINK
22591	583f	hm	HMOMTBPARAM
22592	5840	hm	HMOMTDBERR
22593	5841	hm	HMOMTINVRC
22594	5842	hm	HMOMTOSRET
22595	5843	hm	HMOMTRELCK
22596	5844	hm	HMOMTDDERR
22597	5845	hm	HMOMTUNEXP
22598	5846	hm	HMOMTBDTMR
22599	5847	hm	HMRISA00
22600	5848	hm	HMRISA01
22601	5849	hm	HMRISA02
22602	584a	hm	HMRISA03
22603	584b	hm	HMRISA04
22604	584c	hm	HMRISA07
22605	584d	hm	HMRAS01
22606	584e	hm	HMRAS02
22607	584f	hm	HMRAS03
22608	5850	hm	HMRAS04
22609	5851	hm	HMRAS05
22610	5852	hm	HMRAS06
22611	5853	hm	HMRAS07
22612	5854	hm	HMRAS08
22613	5855	hm	HMRAS09
22614	5856	hm	HMRAS10
22615	5857	hm	HMRAS11
22616	5858	hm	HMRAS12
22617	5859	hm	HMRMP10
22618	585a	hm	HMRMP11
22619	585b	hm	HMRMP12
22620	585c	hm	HMRAS13
22621	585d	hm	HMRAS14
22622	585e	hm	HMRAS15
22623	585f	hm	HMRMP13
22624	5860	hm	HMRMP14
22625	5861	hm	HMRMP15
22700	58ac	nm	NMSP_ENTRY
22701	58ad	nm	NMTP_STUCK
22702	58ae	nm	NMAD_TGCD
22703	58af	nm	NMAD_GTGDA
22704	58b0	nm	NMAD_EXRDA
22705	58b1	nm	NMAD_RTKGDB
22706	58b2	nm	NMAD_IVAR
22707	58b3	nm	NMAD_KEYTGC
22708	58b4	nm	NMCC_BADDATA
22709	58b5	nm	NMCC_NONODES
22710	58b6	nm	NMIMPDIGITS
22711	58b7	nm	NMFC_LINE
22712	58b8	nm	NMOFC_CODE
22713	58b9	nm	NMSTG_DB
22714	58ba	nm	NMSRTKG_DB
22715	58bb	nm	NMSBAD_TG
22716	58bc	nm	NMSACT_DD
22717	58bd	nm	NMMSGRSMS
22718	58be	nm	NMTKGRSMS
22719	58bf	nm	NMFCTRSMS
22720	58c0	nm	NMTKGISMS
22721	58c1	nm	NMTKGDSMS
22722	58c2	nm	NMMCLRSMS

22723	58c3	nm	NMIVAL_MSG
22724	58c4	nm	NMIVNM_SCH
22725	58c5	nm	NMTP_ENTRY
22726	58c6	nm	NMUNEXMSG
22727	58c7	nm	NM_OSAUBU
22728	58c8	nm	NM_OSRETC
22729	58c9	nm	NMILL_CMD
22730	58ca	nm	NM_OSILMSG
22731	58cb	nm	NM_OSINVFLD
22732	58cc	nm	NMIWCCARG
22733	58cd	nm	NMIWCHKARG
22734	58ce	nm	NMIWLINK
22735	58cf	nm	NMIWCHKLNK
22736	58d0	nm	NMIWDATA
22737	58d1	nm	NMNCDCARG
22738	58d2	nm	NMNCDCDATA
22739	58d3	nm	NMNCCHKARG
22740	58d4	nm	NMAD_DOCDA
22741	58d5	nm	NMRD_DCOFC
22742	58d6	nm	NMKY_ARC
22743	58d7	nm	NMCD_ARC
22744	58d8	nm	NMNOCTIMER
22745	58d9	nm	NMERRCTM
22746	58da	nm	NMQRYCHK
22747	58db	nm	NMQRYCNTL
22748	58dc	nm	NMQRYOVTBL
22749	58dd	nm	NMCCTIMEOUT
22750	58de	nm	NMCCBADPOLL
22751	58df	nm	NMCCSMDATA
22752	58e0	nm	NMDSCCBADATA
22754	58e2	nm	NMBADRC
22755	58e3	nm	NMBADDATA
22756	58e4	nm	NMMSG_UNX
22757	58e5	nm	NMINSANE_PROC
22758	58e6	nm	NMLIDBOVFL
22759	58e7	nm	NMBADARG
22760	58e8	nm	NMBADCNTL
22761	58e9	nm	NMLDLSTOVFL
22762	58ea	nm	NMAD_TRDA
22763	58eb	nm	NMPVNERROR
22764	58ec	nm	NMSDNDSCC
22765	58ed	nm	NMLNDSCC
22766	58ee	nm	NMBADDSA
22767	58ef	nm	NMBADLEN
22777	58f9	nm	NMOPCCOVFL
22778	58fa	nm	NMOPCCERR
22793	5909	nm	NMCNAMERROR
22799	590f	nm	NMASPERROR
22803	5913	nm	NMNOPTORTLA
22809	5919	nm	NMDDRFIL
22900	5974	pc	PCSTOP
22901	5975	pc	PCLINKPROB
22902	5976	pc	PCDATAPROB
22903	5977	pc	PCOSDSPROB
22904	5978	pc	PCFGERROR
22905	5979	pc	PCJBSPROB
22906	597a	pc	PCLMCDB
22907	597b	pc	PCBGTRNER
22908	597c	pc	PCOPNRELER
22909	597d	pc	PCENDTRNER
22910	597e	pc	PCOSSEND
22911	597f	pc	PCBADPARAM
22912	5980	pc	PCLOSTIMER
22913	5981	pc	PCTSIPROB
22914	5982	pc	PCCBCRDUMP
22915	5983	pc	PCDPTSB
22916	5984	pc	PCLCCPT
22917	5985	pc	PCDISPIDB
22918	5986	pc	PCDSLEQ
22919	5987	pc	PCLCHPT
22920	5988	pc	PCDDFLINK
22921	5989	pc	PCFPTCH

22922	598a	pc	PCDDPB
22923	598b	pc	PCCILCSMSK
22924	598c	pc	PCTDBOWN
22925	598d	pc	PCMTBFE
22926	598e	pc	PCCKTDATA
22927	598f	pc	PCMDPATH
22928	5990	pc	PCRG2CCBCOM
22929	5991	pc	PCLOSS_TBL
22930	5992	pc	PCARG

10. 5E12 Numeric Index: 22931-23500

ERROR CODE	PRM CODE	RANGE	MNEMONIC
22931	5993	pc	PCDPB_DALB
22932	5994	pc	PCNODSL
22933	5995	pc	PCQCLRD
22934	5996	pc	PCDDALB
22935	5997	pc	PCDEFAULT
22936	5998	pc	PCDDSCC
22937	5999	pc	PCAPMAPBAD
22938	599a	pc	PCDCCCM
22939	599b	pc	PCDCCCR
22940	599c	pc	PCOSLNGTH
22941	599d	pc	PCDCHAN
22942	599e	pc	PCDCHDB
22943	599f	pc	PCDGSDB
22944	59a0	pc	PCDTONE
22945	59a1	pc	PCDHLSC
22946	59a2	pc	PCDUTD
22947	59a3	pc	PCOPLOSS
22948	59a4	pc	PCDSGDB
22949	59a5	pc	PCDCKTD
22950	59a6	pc	PCDPORT
22951	59a7	pc	PCDPHDB
22952	59a8	pc	PCDTSDB
22953	59a9	pc	PCLNKDALB
22954	59aa	pc	PCLSLNK
22955	59ab	pc	PCDCDBCOM
22956	59ac	pc	PCDUBHC
22957	59ad	pc	PCDCBHC
22958	59ae	pc	PCLNKPLS
22959	59af	pc	PCDCQB
22960	59b0	pc	PCMCDSCTYPE
22961	59b1	pc	PCMCRLPCTC
22962	59b2	pc	PCMCMSSUSG
22963	59b3	pc	PCMCTMTB
22964	59b4	pc	PCMCLMTB
22965	59b5	pc	PCMCTRMTB
22966	59b6	pc	PCACDBCOM
22967	59b7	pc	PCATONE
22968	59b8	pc	PCASMEST
22969	59b9	pc	PCADSCC
22970	59ba	pc	PCACHAN
22971	59bb	pc	PCAHLS
22972	59bc	pc	PCGETPCBLA
22973	59bd	pc	PCGETPICB
22974	59be	pc	PCFCPORT
22975	59bf	pc	PCGETTONE
22976	59c0	pc	PCGETCBHC
22977	59c1	pc	PCGETCCB
22978	59c2	pc	PCGETCHDB
22979	59c3	pc	PCGETGSDB
22980	59c4	pc	PCGETUBHC
22981	59c5	pc	PCGETCDB
22982	59c6	pc	PCGETDPB
22983	59c7	pc	PCGETCQB
22984	59c8	pc	PCGETPTS
22985	59c9	pc	PCISDCFG
22987	59cb	pc	PCBADDT
22988	59cc	pc	PCGETPHDB
22989	59cd	pc	PCPTSBDUMP

22990	59ce	pc	PCGETPTLA
22991	59cf	pc	PCMVEPROC
22992	59d0	pc	PCGETTSDB
22993	59d1	pc	PCGETCHAN
22995	59d3	pc	PCLCBGS
22996	59d4	pc	PCLCCSNK
22997	59d5	pc	PCLCCPH
22998	59d6	pc	PCLPCCC
22999	59d7	pc	PCLPCPH
23000	59d8	pc	PCLPHTS
23001	59d9	pc	PCLCCCD
23002	59da	pc	PCMVBURGATT
23003	59db	pc	PCMVCLSDPH
23004	59dc	pc	PCLCCSRC
23005	59dd	pc	PCLCCCQ
23006	59de	pc	PCLSRCCC
23007	59df	pc	PCLCHCD
23008	59e0	pc	PCLSNKCC
23009	59e1	pc	PCLCDCH
23010	59e2	pc	PCLUBCH
23011	59e3	pc	PCNODTP
23012	59e4	pc	PCSCADCON
23013	59e5	pc	PCFTDCON
23015	59e7	pc	PCACBGS
23016	59e8	pc	PCACCSNK
23017	59e9	pc	PCACCPH
23018	59ea	pc	PCAPCCC
23019	59eb	pc	PCAPCPH
23020	59ec	pc	PCDSPDCON
23021	59ed	pc	PCACCCD
23022	59ee	pc	PCNOTINSP
23023	59ef	pc	PCACDCQ
23024	59f0	pc	PCACCSRC
23025	59f1	pc	PCACCCQ
23026	59f2	pc	PCASRCCC
23027	59f3	pc	PCACHCD
23028	59f4	pc	PCASNKCC
23029	59f5	pc	PCACDCH
23030	59f6	pc	PCaubCH
23031	59f7	pc	PCATSPH
23032	59f8	pc	PCAPCPO
23033	59f9	pc	PCAPOPC
23035	59fb	pc	PCOWNPROB
23036	59fc	pc	PCLMCCB
23037	59fd	pc	PCDCOND
23038	59fe	pc	PCLPCCPLR
23039	59ff	pc	PCLMCPLR
23040	5a00	pc	PCLMTSDB
23041	5a01	pc	PCLMCHDB
23042	5a02	pc	PCLMPHTS
23043	5a03	pc	PCBADPDESC
23044	5a04	pc	PCBRIVLN
23045	5a05	pc	PCOSWAKE
23046	5a06	pc	PCLPHSNK
23047	5a07	pc	PCLPHSRC
23048	5a08	pc	PCAPHPC
23049	5a09	pc	PCAPHCC
23050	5a0a	pc	PCAPHSNK
23051	5a0b	pc	PCAPHSRC
23052	5a0c	pc	PCASNKPH
23053	5a0d	pc	PCASRCPH
23054	5a0e	pc	PCAPHDB
23055	5a0f	pc	PCABGTIMER
23056	5a10	pc	PCBADTRGT
23058	5a12	pc	PCSPCPH
23059	5a13	pc	PCSPHSNK
23060	5a14	pc	PCSPHSRC
23061	5a15	pc	PCSOSSEND
23062	5a16	pc	PCSDATAPROB
23063	5a17	pc	PCINVBONOP
23064	5a18	pc	PCBADMSG
23065	5a19	pc	PCBADREASON

23066	5a1a	pc	PCS3PFAIL
23067	5a1b	pc	PCSPCCC
23068	5a1c	pc	PCSCCPH
23069	5a1d	pc	PCSCCCH
23070	5a1e	pc	PCCPTSDATA
23072	5a20	pc	PCHTMDUMP
23073	5a21	pc	PCCCBTMR
23074	5a22	pc	PCOUTSCH
23075	5a23	pc	PCDACCBTMR
23076	5a24	pc	PCDAOUTSCH
23077	5a25	pc	PCBADGCK
23078	5a26	pc	PCBGCKTI
23079	5a27	pc	PCUTPCPO
23081	5a29	pc	PCUTCCCCH
23091	5a33	pc	PCBADLUTYPE
23092	5a34	pc	PCDT1USG
23093	5a35	pc	PCMTBS96
23094	5a36	pc	PCS96SHELF
23095	5a37	pc	PCDS96ABSIG
23096	5a38	pc	PCDRTS_HCN
23097	5a39	pc	PCATSDB
23098	5a3a	pc	PCDRSMCHAN
23099	5a3b	pc	PCMPHDTO
23100	5a3c	pc	PCSLCCSRC
23101	5a3d	pc	PCDMDATT
23102	5a3e	pc	PCDS96DFI
23103	5a3f	pc	PCDS96BASE
23104	5a40	pc	PCDRTS_RTS
23105	5a41	pc	PCDICL_MSK
23106	5a42	pc	PCDPF_SLCP
23107	5a43	pc	PCCHANGONE
23108	5a44	pc	PCAUHLPG
23109	5a45	pc	PCBADNOOWN
23110	5a46	pc	PCNUSIG
23111	5a47	pc	PCNUHRWD
23112	5a48	pc	PCNOISTRM
23113	5a49	pc	PCNOFTBN
23114	5a4a	pc	PCTEDB
23115	5a4b	pc	PCDDFNBLNK
23116	5a4c	pc	PCDDFNIBBLE
23117	5a4d	pc	PCDDFMAP
23118	5a4e	pc	PCDMNBSTAT
23119	5a4f	pc	PCNUDBERR
23120	5a50	pc	PCPSPT_GP
23121	5a51	pc	PCPSX25LN
23122	5a52	pc	PCPSTRUNKS
23123	5a53	pc	PCLAPBSUB
23124	5a54	pc	PCDLIN
23125	5a55	pc	PCDPBX
23127	5a57	pc	PCLS6_LNK
23129	5a59	pc	PCLK6DATA
23130	5a5a	pc	PCCNERROR
23131	5a5b	pc	PCDGRP_RI
23132	5a5c	pc	PCRI_DGRP
23133	5a5d	pc	PCISMANBUS
23134	5a5e	pc	PCPSX75TRK
23138	5a62	pc	PCFCHPT
23139	5a63	pc	PCFPCDA
23141	5a65	pc	PCODPSOP
23142	5a66	pc	PCPSL2THRS
23143	5a67	pc	PCPSTRK_L2
23144	5a68	pc	PCPQCLRD
23145	5a69	pc	PCTEILA
23146	5a6a	pc	PCPHDATAPROB
23147	5a6b	pc	PCLGRPMEM
23148	5a6c	pc	PCBADTMSLNK
23156	5a74	pc	PCTBLNOMTCH
23157	5a75	pc	PCUXPCPID
23158	5a76	pc	PCTSDBBITBAD
23159	5a77	pc	PCUSRCPH
23160	5a78	pc	PCCDBPURGE
23161	5a79	pc	PC1PCBLA

23162	5a7a	pc	PCDQPHPIPE
23163	5a7b	pc	PCACCBCH
23164	5a7c	pc	PCUPHSNK
23165	5a7d	pc	PCSMC7RCG_INV
23166	5a7e	pc	PCFPTPT
23167	5a7f	pc	PCDSL_EQ_CRFT
23168	5a80	pc	PCPSUPIDB_CRFT
23169	5a81	pc	PC1CCSNK
23170	5a82	pc	PCBADSGLIST
23171	5a83	pc	PCPHDB_BAD_EVENT
23172	5a84	pc	PCDBRCSDALB
23173	5a85	pc	PCQCLRED
23174	5a86	pc	PCQCLREP
23175	5a87	pc	PCINVUSER
23176	5a88	pc	PCBAD_NTSTATE
23177	5a89	pc	PCDEA_ALLOW
23178	5a8a	pc	PCCHKUDSL
23179	5a8b	pc	PCCSO_NT
23180	5a8c	pc	PCPSL3TRKG
23181	5a8d	pc	PCINVMUSIC
23182	5a8e	pc	PCBADMTPTBL
23183	5a8f	pc	PCPTMTPLNK
23184	5a90	pc	PCSMTPCCPH
23185	5a91	pc	PCLCCDS
23186	5a92	pc	PCLCHDS
23187	5a93	pc	PCLDSCH
23188	5a94	pc	PCDIDDS1
23189	5a95	pc	PCDIDPIDB
23190	5a96	pc	PCLDSCC
23192	5a98	pc	PCLPTDS
23193	5a99	pc	PCLDSPT
23194	5a9a	pc	PCDDS0B
23195	5a9b	pc	PCDS12RT
23196	5a9c	pc	PCRT2DS1
23198	5a9e	pc	PCDPIDB_PT
23199	5a9f	pc	PCDS1_PT
23200	5aa0	pc	PCINVMANN
23201	5aa1	pc	PCINVMTRK
23202	5aa2	pc	PCMTPCBLAERR
23203	5aa3	pc	PCINVPHSNKDS
23204	5aa4	pc	PCCKTPORT
23205	5aa5	pc	PCRT_LAPD
23206	5aa6	pc	PCRTEILA
23207	5aa7	pc	PCRTL
23208	5aa8	pc	PCAPDU
23209	5aa9	pc	PCMALLOC
23210	5aaa	pc	PCRTMSGBUF
23211	5aab	pc	PCPSBADDATA
23212	5aac	pc	PCPSBADPARM
23213	5aad	pc	PC_RBLIM
23214	5aae	pc	PCBADMALLOC
23215	5aaf	pc	PCBADFREE
23216	5ab0	pc	PCAU RTEILA
23217	5ab1	pc	PCAU RTLB
23218	5ab2	pc	PCAUAPDU
23219	5ab3	pc	PCAU MALLOC
23220	5ab4	pc	PCAU RTMSGBUF
23222	5ab6	pc	PCAU PCBLA
23223	5ab7	pc	PCCMRSAPDU
23224	5ab8	pc	PCCOMMSG
23225	5ab9	pc	PCK2CKMSG
23226	5aba	pc	PCSUMSG
23231	5abf	pc	PCDUNIT_CKT
23232	5ac0	pc	PCDLNK_USE
23233	5ac1	pc	PCINVNPMSG
23235	5ac3	pc	PCD303RT2DS1
23236	5ac4	pc	PCIDPORT
23238	5ac6	pc	PCRTMISC
23239	5ac7	pc	PCS96EQP
23240	5ac8	pc	PCUNIT_CKT
23241	5ac9	pc	PCUNITDATA
23242	5aca	pc	PCPORTLA

23246	5ace	pc	PCEBSTATE
23247	5acf	pc	PCEBSPRET
23248	5ad0	pc	PCEBFGERR
23249	5ad1	pc	PCDRSMNTS
23250	5ad2	pc	PCANGCCB
23251	5ad3	pc	PCANGACT
23252	5ad4	pc	PCANGDEACT
23253	5ad5	pc	PCDANGNACT
23254	5ad6	pc	PCDANGDEACT
23255	5ad7	pc	PCRLSNGDEACT
23256	5ad8	pc	PCUNEXACT
23257	5ad9	pc	PCUNEXDACT
23258	5ada	pc	PCDGNGCCB
23259	5adb	pc	PCVPANGCCB
23260	5adc	pc	PCVPANGT_C
23261	5add	pc	PCDANGT_C
23262	5ade	pc	PCDGNGTRANS
23263	5adf	pc	PCNGVPA_STAT
23264	5ae0	pc	PCACTNG_T_C
23265	5ae1	pc	PCNACT
23266	5ae2	pc	PCNDACT
23267	5ae3	pc	PCDFPHCHNLS
23268	5ae4	pc	PCDMMOPDB
23269	5ae5	pc	PCDAS_MON
23270	5ae6	pc	PCDLS_MON
23271	5ae7	pc	PCDGLSHIST
23272	5ae8	pc	PCDDSC3PIDB
23273	5ae9	pc	PCMHIPIE
23274	5aea	pc	PCAUDPB
23275	5aeb	pc	PCRCGBAD
23276	5aec	pc	PCCGDS
23277	5aed	pc	PCDMHIPIE
23278	5aee	pc	PCINVLD_DATA
23279	5aef	pc	PCBADTONE
23280	5af0	pc	PCCLOP_TONE
23281	5af1	pc	PC_PTDATA
23282	5af2	pc	PC_FCPORT
23283	5af3	pc	PC_CKDATA
23284	5af4	pc	PCCRDFL
23285	5af5	pc	PCINSGDB
23286	5af6	pc	PCBADPIDBTS
23287	5af7	pc	PCDNLI_LNK
23289	5af9	pc	PCNOMASTER
23290	5afa	pc	PCDQPORT
23291	5afb	pc	PCQPHIPIE
23292	5afc	pc	PCCREATEFAIL
23293	5afd	pc	PCINVBRGENT
23295	5aff	pc	PCPRISTAT
23296	5b00	pc	PCPRIDALB
23297	5b01	pc	PCLNKAPDU
23298	5b02	pc	PCAUDALB
23299	5b03	pc	PCCCSQFAIL
23300	5b04	pc	PCINVPGM
23306	5b0a	pc	PCDESTROY
23307	5b0b	pc	PCMH_UNIT
23308	5b0c	pc	PCDMH_UNIT
23309	5b0d	pc	PCDVPIB_F
23310	5b0e	pc	PCVPIDB_F
23311	5b0f	pc	PCUNKTSKTYP
23312	5b10	pc	PCLBINPRG
23313	5b11	pc	PCINMODE
23314	5b12	pc	PCDLNK_PLI
23315	5b13	pc	PCLNK_PLI
23316	5b14	pc	PCUNITMH
23317	5b15	pc	PCPTDBOWN
23318	5b16	pc	PCDPLI_LNK
23319	5b17	pc	PCUNEXP_DATA
23320	5b18	pc	PCCQBGONE
23321	5b19	pc	PCACCP
23322	5b1a	pc	PCDBRDFAIL
23323	5b1b	pc	PCDCCBCOM
23330	5b22	pc	PCGDSFPICBERR

23331	5b23	pc	PCGQINDXOOR
23332	5b24	pc	PCMBOXBAD
23333	5b25	pc	PCINVGMBOX
23334	5b26	pc	PCINVALREPLY
23335	5b27	pc	PCLCGSSMASK
23336	5b28	pc	PCDAIGSDB
23337	5b29	pc	PCDGSLK
23338	5b2a	pc	PCINVCKTNM
23341	5b2d	pc	PCMTBADSND
23342	5b2e	pc	PCMTUNKSND
23343	5b2f	pc	PCBADPMH
23344	5b30	pc	PCAUULLM_RDT
23345	5b31	pc	PCRDT2UNIT
23346	5b32	pc	PCUNIT2RDT
23347	5b33	pc	PCDCKT2GRP
23348	5b34	pc	PCDF_VPIDB
23349	5b35	pc	PCF_VPIDB
23350	5b36	pc	PCDAPP2TSP
23351	5b37	pc	PCDTSP2APP
23352	5b38	pc	PCDRDTCPDAT
23353	5b39	pc	PCDRDT2UNIT
23354	5b3a	pc	PCXRDTCPDAT
23356	5b3c	pc	PCCHKUCFG
23357	5b3d	pc	PCDTRCUPATH
23358	5b3e	pc	PCAUUNIT2RDT
23500	5bcc	rta	RTAUNONE

11. 5E12 Numeric Index: 23501-23860

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23501	5bcd	rta	RTAUTKQUE
23502	5bce	rta	RTAUTKOWNER
23503	5bcf	rta	RTTMBLT
23504	5bd0	rta	RTAULNSTAT
23505	5bd1	rta	RTAULGLNSTAT
23506	5bd2	rta	RTAURTMHG
23507	5bd3	rta	RTAUCKTDATA
23508	5bd4	rta	RTAUPCBLA
23509	5bd5	rta	RTFACMISSING
23510	5bd6	rta	RTAUPORTLA
23511	5bd7	rta	RTAULGSFSTAT
23512	5bd8	rta	RTRT_SFSG
23513	5bd9	rta	RTRDLNSTAT
23514	5bda	rta	RTDEFSFG
23515	5bdb	rta	RTAUSFSTAT
23516	5bdc	rta	RTAUTKSTAT
23517	5bdd	rta	RTAULGTKSTAT
23518	5bde	rta	RTAURTTRKG
23519	5bdf	rta	RTAURTMUPH
23520	5be0	rta	RTAUDESTROY
23521	5be1	rta	AURAST21
23522	5be2	rta	RTAURCVMSG
23523	5be3	rta	RTSCALTM
23524	5be4	rta	RTSCFLTM
23525	5be5	rta	RTQUOGTOS
23526	5be6	rta	RTRTMWCF
23527	5be7	rta	RTAUDLTBDB
23528	5be8	rta	RTAULTSTAT
23529	5be9	rta	RTLTSBPORT
23530	5bea	rta	RTICRDBERR
23532	5bec	rta	RTAUQUOGTOS
23533	5bed	rta	RTAUQOOGT
23534	5bee	rta	RTAUQMOGT
23535	5bef	rta	RTSCRLTM
23536	5bf0	rta	RTSDALTM
23537	5bf1	rta	RTICITK
23539	5bf3	rta	RTIECP_BAD
23540	5bf4	rta	RTPSBILLDN
23541	5bf5	rta	RTPSRIPSN
23542	5bf6	rta	RTSLEPROCERR
23543	5bf7	rta	RTFCTRUNK

23544	5bf8	rta	RTMSGBAD
23545	5bf9	rta	RTDATABAD
23546	5bfa	rta	RTINSTFAC
23547	5bfb	rta	RTPVCINF
23548	5bfc	rta	RTSLELENGTHERR
23549	5bfd	rta	RTSLEDEFAULT
23550	5bfe	rta	RTPVCFCL_BAD
23551	5bff	rta	RTPVCRDN
23552	5c00	rta	RT_NOISMPTH
23553	5c01	rta	ARCRTCF1
23554	5c02	rta	RTOFFICE
23555	5c03	rta	RTPSMHG
23556	5c04	rta	RTPSPRT
23557	5c05	rta	ARCRTCF2
23558	5c06	rta	RTISATMP
23559	5c07	rta	RTPTTOGP
23560	5c08	rta	RTFCPTYP
23561	5c09	rta	RTAAR_GP
23562	5c0a	rta	RTATHPRT
23563	5c0b	rta	RTPRIGRP
23564	5c0c	rta	RTPRIFACS
23565	5c0d	rta	RTASP_LTM
23566	5c0e	rta	RTNS_TRIG
23567	5c0f	rta	RTAUCLPLR
23568	5c10	rta	RTILACDT
23569	5c11	rta	RTBREQ_INV
23570	5c12	rta	RTCTVRWRG
23571	5c13	rta	RTATTMBL
23572	5c14	rta	RTINHUNTKEYS
23573	5c15	rta	RTINKEYLIST
23574	5c16	rta	RTINTRKG
23575	5c17	rta	RTINTKOWNER
23576	5c18	rta	RTINTKSTAT
23577	5c19	rta	RTINLGTKSTAT
23578	5c1a	rta	RTINQKEYPORT
23579	5c1b	rta	RTINPRT_GRP
23580	5c1c	rta	RTINTQUE
23581	5c1d	rta	RTINTOWNQUE
23582	5c1e	rta	RTINMHG
23583	5c1f	rta	RTINLNSTAT
23584	5c20	rta	RTINLGLNSTAT
23585	5c21	rta	RTDEFMLHG
23586	5c22	rta	RTDEFTRKG
23587	5c23	rta	RTDEFQKEYPRT
23588	5c24	rta	RTDEFHUNTTYP
23589	5c25	rta	RTINRTMUPHST
23590	5c26	rta	RTAUQM_MLHG
23591	5c27	rta	RTAUQO_MLHG
23592	5c28	rta	RTMCTR
23593	5c29	rta	RTAUPOSDB
23594	5c2a	rta	RTINTRASM
23595	5c2b	rta	RTSFGCOR
23596	5c2c	rta	RTDEFAC
23597	5c2d	rta	RTPPFAC1
23598	5c2e	rta	RTIDSIDLE
23599	5c2f	rta	RTMODATT
23600	5c30	rta	RTINNQM_MLHG
23601	5c31	rta	RTINQO_MLHG
23602	5c32	rta	RTINQU_OS
23603	5c33	rta	RTAUDPB
23604	5c34	rta	RTAUDALB
23605	5c35	rta	RTINQM_OGT
23606	5c36	rta	RTINQO_OGT
23607	5c37	rta	RTINQT_OGTOS
23608	5c38	rta	RTPG_TERM_LP
23609	5c39	rta	RTRMSFAIL
23610	5c3a	rta	RTBTMREQ
23611	5c3b	rta	RTAMUXMG
23612	5c3c	rta	RTAMBMSG
23613	5c3d	rta	RTGPSF
23614	5c3e	rta	RTTG
23615	5c3f	rta	RTINPSPT_GP

23616	5c40	rta	RTAUBRCSDB
23617	5c41	rta	RTAULTMSTAT
23618	5c42	rta	RTAUTEDB
23619	5c43	rta	RTRTSATLN
23620	5c44	rta	RTSMFACUP
23621	5c45	rta	RTAUATTH_BLF
23622	5c46	rta	RTAUATTM_BLF
23623	5c47	rta	RTAULDAT_BLF
23624	5c48	rta	RTAUMODH_BLF
23625	5c49	rta	RTAUMODM_BLF
23626	5c4a	rta	RTAUREPLYBLF
23627	5c4b	rta	RTMASK_BLF
23628	5c4c	rta	RTMONI_BLF
23629	5c4d	rta	RTRTDNMOD
23630	5c4e	rta	RTTREE_BLF
23631	5c4f	rta	RTRDLGLNSTAT
23632	5c50	rta	RTINISATUCD
23633	5c51	rta	RTAUQO_ICI
23634	5c52	rta	RTAUQ_ISAT
23635	5c53	rta	RTATGRP
23636	5c54	rta	RTBKYPM
23637	5c55	rta	RTICRSTERR
23638	5c56	rta	RTICRLSTERR
23639	5c57	rta	RTICRERR
23640	5c58	rta	RTICRLG_S_SFG
23641	5c59	rta	RTICRS_LG_SFG
23642	5c5a	rta	RTICRMGAMA
23643	5c5b	rta	RTICRMGERR
23644	5c5c	rta	RTICRPCBLA
23645	5c5d	rta	RTDSLEQP
23646	5c5e	rta	RTAUDMDISPDB
23647	5c5f	rta	RTAUDMBRCSDB
23648	5c60	rta	RTAUDMDALB
23649	5c61	rta	RTINMEM
23650	5c62	rta	RTINLGMEM
23651	5c63	rta	RTAUTEILA
23652	5c64	rta	RTACSOPT
23653	5c65	rta	RTASOPCGB
23654	5c66	rta	RTIVGPLASS
23655	5c67	rta	RTGPRMLASS
23656	5c68	rta	RTIVLASSACS
23657	5c69	rta	RTFCLINE
23658	5c6a	rta	RTFCTRK
23659	5c6b	rta	RTFEATBN
23660	5c6c	rta	RTGPTOPT
23661	5c6d	rta	RTHNTKYS
23662	5c6e	rta	RTICMTRM
23663	5c6f	rta	RTCHRGIDXEXP
23664	5c70	rta	RTCLIDAT
23665	5c71	rta	RTSCRNING
23666	5c72	rta	RTRTROUTING
23667	5c73	rta	RTNSFMAP
23668	5c74	rta	RT_ICR
23669	5c75	rta	RTICXICI
23670	5c76	rta	RTIDPACT
23671	5c77	rta	RTIDPGP
23672	5c78	rta	RTIDPPRT
23673	5c79	rta	RTISACOF
23674	5c7a	rta	RTISTGRP
23675	5c7b	rta	RTISTLMT
23676	5c7c	rta	RTISTMBR
23677	5c7d	rta	RTISTMOD
23678	5c7e	rta	RTISDTGS
23679	5c7f	rta	RTISCCOF
23680	5c80	rta	RTISTGDX
23681	5c81	rta	RTISMBLS
23682	5c82	rta	RTISLINE
23683	5c83	rta	RTISTERM
23684	5c84	rta	RTLPT_PT
23685	5c85	rta	RTLPTSPD
23686	5c86	rta	RTLTSBPT
23687	5c87	rta	RTMSKBLF

23688	5c88	rta	RTMHGCF
23689	5c89	rta	RT_NAIL_UP
23690	5c8a	rta	RTOFFCDE
23691	5c8b	rta	RTPFSLCP
23692	5c8c	rta	RTPP_CF
23693	5c8d	rta	RTPP_LTM
23694	5c8e	rta	RTPPTRUNK
23695	5c8f	rta	RTEDSLGPRT
23696	5c90	rta	RTPOLY
23697	5c91	rta	RTRTPPSCRN
23698	5c92	rta	RTSPECRI
23699	5c93	rta	RTILHB
23700	5c94	rta	RTRT_MHG
23701	5c95	rta	RT_FIXRI
23702	5c96	rta	RTPSX25LN
23703	5c97	rta	RTODPSOP
23704	5c98	rta	RTRT_TRKG
23705	5c99	rta	RTLTM_PORT
23706	5c9a	rta	RTSCM_NSCM
23707	5c9b	rta	RTEXMCBSZ
23708	5c9c	rta	RTCOMPFAIL
23709	5c9d	rta	RTCNDATA
23710	5c9e	rta	RTREASON
23711	5c9f	rta	RTNOTKQ
23712	5ca0	rta	RTBADHTYP
23713	5ca1	rta	RTRKMOD
23714	5ca2	rta	RTOLHB
23715	5ca3	rta	RTLPTYPFAIL
23716	5ca4	rta	RTARCRBKFL
23717	5ca5	rta	RTEDN
23718	5ca6	rta	RTRCTK1GR
23719	5ca7	rta	RTDBRD_FAIL
23720	5ca8	rta	RTMSG_INV
23721	5ca9	rta	RTUNKWN_MSG
23722	5caa	rta	RTRCTK2GR
23723	5cab	rta	RTRCTK3GR
23724	5cac	rta	RTRCDLT1
23725	5cad	rta	RTRCDLT2
23726	5cae	rta	RTRCDFI1
23727	5caf	rta	RTRCDFI2
23728	5cb0	rta	RTRCDFI3
23729	5cb1	rta	RTRCITK1
23730	5cb2	rta	RTRCITK2
23731	5cb3	rta	RTRCITK3
23732	5cb4	rta	RTRCITK4
23733	5cb5	rta	RTRCTGR1
23734	5cb6	rta	RTRCTGR2
23735	5cb7	rta	RTRCTGR3
23736	5cb8	rta	RTRCRLG1
23737	5cb9	rta	RTPREC_LEV
23738	5cba	rta	RTPRM_TYPE_UNK
23739	5cbb	rta	RTILLSTCHG
23740	5cbc	rta	RTRLFC_PORTTYP
23741	5cbd	rta	RTTMPPORTCOND
23743	5cbf	rta	RTDAFFCOPC_INV
23744	5cc0	rta	RTDAFSPOPC_INV
23745	5cc1	rta	RTASRT01
23746	5cc2	rta	RTASRT02
23747	5cc3	rta	RTASRT03
23748	5cc4	rta	RTASRT04
23749	5cc5	rta	RTASRT05
23750	5cc6	rta	RTASRT06
23751	5cc7	rta	RTFL_DBRD
23752	5cc8	rta	RTINV_PARAM
23753	5cc9	rta	RTRCRLG2
23754	5cca	rta	RTRCRLG3
23755	5ccb	rta	RTRCAFI1
23756	5ccc	rta	RTNO_PRIQ
23757	5ccd	rta	RTSND_MSG_FL
23758	5cce	rta	RTQTYT_INV
23759	5ccf	rta	RTRTSEQ_INV
23760	5cd0	rta	RTDD1ALNK

23761	5cd1	rta	RTDD2ALNK
23762	5cd2	rta	RTAMLNKER
23763	5cd3	rta	RTUNKORIG
23764	5cd4	rta	RTUNKSTAT
23765	5cd5	rta	RTUNKMFIL
23766	5cd6	rta	RTDD1IMAB
23767	5cd7	rta	RTDD2IMAB
23768	5cd8	rta	RTQTYPE
23769	5cd9	rta	RTCMDTYPE
23772	5cdc	rta	RTDD1SMAB
23773	5cdd	rta	RTSMNT
23774	5cde	rta	RTDD1STF
23775	5cdf	rta	RTFCAUTH
23776	5ce0	rta	RTCAMPPOINT
23777	5ce1	rta	RTCLMATEQ
23778	5ce2	rta	RTTEPUCLMA
23779	5ce3	rta	RTOFHPFAP
23780	5ce4	rta	RTOFHPTYP
23781	5ce5	rta	RTONHPTYP
23782	5ce6	rta	RTONHPFAP
23783	5ce7	rta	RTP_EPTYPE
23784	5ce8	rta	RTP_EPTYPE
23785	5ce9	rta	RTRRCOS
23786	5cea	rta	RTBADMATE
23787	5ceb	rta	RTBADRTSTATE
23788	5cec	rta	RTACB_DBRDFL
23789	5ced	rta	RTNO_GPORT
23790	5cee	rta	RTBV_DBRDFL
23791	5cef	rta	RTPTYP_RDFL
23792	5cf0	rta	RTBVNOT_LD
23793	5cf1	rta	RTGTNOT_LD
23794	5cf2	rta	RTDLTNOT_LD
23795	5cf3	rta	RTPF_DBRDFL
23796	5cf4	rta	RTRTNOT_LD
23797	5cf5	rta	RTFID_NO_MATCH
23798	5cf6	rta	RTRAFTNOT_LD
23799	5cf7	rta	RTTMT_DBRDFL
23800	5cf8	rta	RTATH_RLID
23801	5cf9	rta	RTGI_BAD_DATA
23802	5cfa	rta	RTUEXP_RET
23803	5cfb	rta	RTMP_UEXP_RET
23804	5cfc	rta	RTRB_UEXP_RET
23805	5cfd	rta	RTRINORMS_D3
23806	5cfe	rta	RTRIBAD_RET
23807	5cff	rta	RTRIINV_RET
23808	5d00	rta	RTNORMS_D3
23809	5d01	rta	RTRIRET_BAD
23810	5d02	rta	RTRNCBAD_RET
23811	5d03	rta	RTGENSCA
23812	5d04	rta	RTGENSCF
23813	5d05	rta	RTGENSCR
23814	5d06	rta	RTGENSDA
23815	5d07	rta	RTLSFSCA
23816	5d08	rta	RTLSFSCF
23817	5d09	rta	RTLSFSCR
23818	5d0a	rta	RTLSFSDA
23819	5d0b	rta	RTLSFHCA
23820	5d0c	rta	RTLSFHCF
23821	5d0d	rta	RTLSFHCR
23822	5d0e	rta	RTLSFHDA
23823	5d0f	rta	RTDNFEAT
23824	5d10	rta	RTDNBFG
23825	5d11	rta	RTTG_CF
23826	5d12	rta	RTRT_DNTRAN
23827	5d13	rta	RTRTDNMHG
23828	5d14	rta	RTLSF_CF
23829	5d15	rta	RTSHTERM
23830	5d16	rta	RTHI_CF
23831	5d17	rta	RTTG2ATT
23832	5d18	rta	RTUCLPMP
23833	5d19	rta	RTPHOOS1
23834	5d1a	rta	RT_WRONGMSG

23835	5d1b	rta	RTWRONG_RET
23836	5d1c	rta	RTTMBLST
23837	5d1d	rta	RTISTMBLST
23838	5d1e	rta	RTRCAFI2
23839	5d1f	rta	RTRMBLST
23840	5d20	rta	RTAUBADRD
23841	5d21	rta	RTINPPLNST
23842	5d22	rta	RTINPPLLNST
23843	5d23	rta	RTINPPTKST
23844	5d24	rta	RTINPPLTKST
23845	5d25	rta	RTISRMBLST
23846	5d26	rta	RTRMBLST
23847	5d27	rta	RT_ISRMBLST
23848	5d28	rta	RT_BIKYPM
23849	5d29	rta	RTE9_PSAP
23850	5d2a	rta	RTRT_TGBL
23851	5d2b	rta	RTSFGINV
23852	5d2c	rta	RTE9BADOP
23853	5d2d	rta	RTBADESNE9
23854	5d2e	rta	RTBADBMAPE9
23855	5d2f	rta	RTE9INVMSG
23856	5d30	rta	RTDUIINTERR
23857	5d31	rta	RTDUDALOG
23858	5d32	rta	RTEDSLTRKG
23859	5d33	rta	RTBOSSERR
23860	5d34	rta	RTDNVTERR

12. 5E12 Numeric Index: 23861-24220

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23861	5d35	rta	RTLASSMSG
23862	5d36	rta	RTE9BADSFG
23863	5d37	rta	RTRT_MCRT
23864	5d38	rta	RTTRMFAT
23865	5d39	rta	RTATCF
23866	5d3a	rta	RTID_PORT
23867	5d3b	rta	RTACCT_GP
23868	5d3c	rta	RTRT_MEM
23869	5d3d	rta	RT_LGMEM
23870	5d3e	rta	RTNTSRV1
23871	5d3f	rta	RTNTSRV2
23872	5d40	rta	RTNTSESPP
23873	5d41	rta	RTPREWL
23874	5d42	rta	RTTODAM1
23875	5d43	rta	RTTODSM1
23876	5d44	rta	RTTRIGWL
23877	5d45	rta	RTLSBCW
23878	5d46	rta	RTLSBDB
23879	5d47	rta	RTLSBSPP
23880	5d48	rta	RTPTTOLP
23881	5d49	rta	RTAUNLTSTAT
23882	5d4a	rta	RTRCLTSB
23883	5d4b	rta	RTAUDNLTBDB
23884	5d4c	rta	RTCAMAI1
23885	5d4d	rta	RTCAMAI2
23886	5d4e	rta	RTCMSUS1
23887	5d4f	rta	RTCMSUS2
23888	5d50	rta	RTCAMAQ1
23889	5d51	rta	RTCAMAQ2
23890	5d52	rta	RTONISTA
23891	5d53	rta	RTRSMCAM
23892	5d54	rta	RTSTATC1
23893	5d55	rta	RTSTATC2
23894	5d56	rta	RTMSGCAMA
23895	5d57	rta	RTJ071_1
23896	5d58	rta	RTJ071_2
23897	5d59	rta	RTJ071_3
23898	5d5a	rta	RTJ071_4
23899	5d5b	rta	RTFTRKEY
23900	5d5c	rta	RTRT_TGID
23901	5d5d	rta	RTRTDNMPG

23902	5d5e	rta	RTMAIN
23903	5d5f	rta	RTRTGIN1
23904	5d60	rta	RTUPLAMP
23905	5d61	rta	RTIMMSGC
23906	5d62	rta	RTISATC1
23907	5d63	rta	RTISATC2
23908	5d64	rta	RTMGPRC1
23909	5d65	rta	RTGENIN1
23910	5d66	rta	RTGENIN2
23911	5d67	rta	RTAMINT1
23912	5d68	rta	RTGENDS1
23913	5d69	rta	RTNWDSC1
23914	5d6a	rta	RTTMMSG1
23915	5d6b	rta	RTTMMSG2
23916	5d6c	rta	RTTERM1G1
23917	5d6d	rta	RTACBMG1
23918	5d6e	rta	RTBUSYF1
23919	5d6f	rta	RTCREAT2
23920	5d70	rta	RTAUNCKTDATA
23921	5d71	rta	RTBVBCH1
23922	5d72	rta	RTTERM1SPP
23923	5d73	rta	RTCREAT1
23924	5d74	rta	RTFAILM1
23925	5d75	rta	RTGENTM1
23926	5d76	rta	RTIDLEF1
23927	5d77	rta	RTLINETM
23928	5d78	rta	RTSPAWN1
23929	5d79	rta	RTTERM2SPP
23930	5d7a	rta	RTAU4PCBLA
23931	5d7b	rta	RTAU4PORTLA
23932	5d7c	rta	RTTERM3SPP
23933	5d7d	rta	RTTERM8SPP
23934	5d7e	rta	RTTERM4SPP
23935	5d7f	rta	RTTERM9SPP
23936	5d80	rta	RTTERM5SPP
23937	5d81	rta	RTTERM6SPP
23938	5d82	rta	RTTERM7SPP
23939	5d83	rta	RTRTGIN2
23940	5d84	rta	RTNUSPP1
23941	5d85	rta	RTNUSPP2
23942	5d86	rta	RTNUSPP4
23943	5d87	rta	RTNUSPP3
23944	5d88	rta	RTNUCON1
23945	5d89	rta	RTNUCON2
23946	5d8a	rta	RTNUROU1
23947	5d8b	rta	RTNUSDF1
23948	5d8c	rta	RTS96DFI
23949	5d8d	rta	RTNUSMS1
23950	5d8e	rta	RTNUSMS2
23951	5d8f	rta	RTNUSMS4
23952	5d90	rta	RTNUSMS3
23953	5d91	rta	RTNUSMT1
23954	5d92	rta	RTNUSMT2
23955	5d93	rta	RTNUMON1
23956	5d94	rta	RTAUNPORTLA
23957	5d95	rta	RTAU3PORTLA
23958	5d96	rta	RTARCB1
23959	5d97	rta	RTARCB2
23960	5d98	rta	RTARCHNT
23961	5d99	rta	RTARCTG1
23962	5d9a	rta	RTAUNRTMHG
23963	5d9b	rta	RTAUICITK
23964	5d9c	rta	RTARCSP1
23965	5d9d	rta	RTARCSP2
23966	5d9e	rta	RTARCSP3
23967	5d9f	rta	RTDNRTG1
23968	5da0	rta	RTDNRTG2
23969	5da1	rta	RTQKEYPT
23970	5da2	rta	RTUNBATERR
23971	5da3	rta	RTSFGSERR
23972	5da4	rta	RTOUTSAERR
23973	5da5	rta	RTBCERR

23974	5da6	rta	RTUPDHKYS
23975	5da7	rta	RTCF_LTM
23976	5da8	rta	RTE9_BADDN
23977	5da9	rta	RTINMUPH
23978	5daa	rta	RTST2VPIDB
23979	5dab	rta	RTBFGPORT
23980	5dac	rta	RTWBTBLOCK
23981	5dad	rta	RTCKTDATA
23982	5dae	rta	RTSEADREQ
23983	5daf	rta	RTFSMOOR
23984	5db0	rta	RTFSBHTYP
23985	5db1	rta	RTPDBDCNT
23986	5db2	rta	RTRERRBC
23987	5db3	rta	RTDSLSP
23988	5db4	rta	RTATHTRG
23989	5db5	rta	RTTRACSRC
23990	5db6	rta	RTCCSV1
23991	5db7	rta	RTPCINT1
23992	5db8	rta	RTJMPTS1
23993	5db9	rta	RTREHNT2
23994	5dba	rta	RTREHNT3
23995	5dbb	rta	RTMSUSP1
23996	5dbc	rta	RTMSUSP2
23997	5dbd	rta	RTMSUSP3
23998	5dbe	rta	RTMSUSP4
23999	5dbf	rta	RTTMDSC1
24000	5dc0	rta	RTTMPST1
24001	5dc1	rta	RTTMINT1
24002	5dc2	rta	RTPDNTR1
24003	5dc3	rta	RTPSTDN1
24004	5dc4	rta	RTPSTDN2
24005	5dc5	rta	RTTKMEM1
24006	5dc6	rta	RTTKBSY1
24007	5dc7	rta	RTTKBSY2
24008	5dc8	rta	RTTKHNT1
24009	5dc9	rta	RTTKHNT2
24010	5dca	rta	RTTKSPR1
24011	5dcb	rta	RTBFMLG1
24012	5dcc	rta	RTLNDQU1
24013	5dcd	rta	RTLNQST1
24014	5dce	rta	RTLNQST2
24015	5dcf	rta	RTLNQST3
24016	5dd0	rta	RTMLGDP1
24017	5dd1	rta	RTMLGHT1
24018	5dd2	rta	RTRTGCM2
24019	5dd3	rta	RTADDTQ1
24020	5dd4	rta	RTENQTM1
24021	5dd5	rta	RTOFHEQ1
24022	5dd6	rta	RTRBKPS1
24023	5dd7	rta	RTRBKPS2
24024	5dd8	rta	RTTKIDL1
24025	5dd9	rta	RTTKQCN1
24026	5dda	rta	RTTKQSL1
24027	5ddb	rta	RTQKYST1
24028	5ddc	rta	RTTKFST1
24029	5ddd	rta	RTTKQMS1
24030	5dde	rta	RTTKQUP1
24031	5ddf	rta	RTAPVBHT
24032	5de0	rta	RTAPVBPT
24033	5de1	rta	RTAPBBHT
24034	5de2	rta	RTIPVBHT
24035	5de3	rta	RTIPVBPT
24036	5de4	rta	RTRERTBM
24037	5de5	rta	RTQDLAPB
24038	5de6	rta	RTDGCX
24039	5de7	rta	RTOFHKE1
24040	5de8	rta	RTOFHKE3
24041	5de9	rta	RTOHKE1
24042	5dea	rta	RTROUTBP
24043	5deb	rta	RTRQBCR1
24044	5dec	rta	RTUPER1
24045	5ded	rta	RTUPER2

24046	5dee	rta	RTDRVER1
24047	5def	rta	RTDRVER2
24048	5df0	rta	RTATHRRL
24049	5df1	rta	RTBGRPBH
24050	5df2	rta	RTDSHBHT
24051	5df3	rta	RTEHKBSA
24052	5df4	rta	RTHKSUBBS
24053	5df5	rta	RTHKFCORC
24054	5df6	rta	RTHKBHKT
24055	5df7	rta	RTHKBKST
24056	5df8	rta	RTIGPBHT
24057	5df9	rta	RTISDBST
24058	5dfa	rta	RTISHBAC
24059	5dfb	rta	RTISHBHT
24060	5dfc	rta	RTMBYBHT
24061	5dfd	rta	RTMDLBHT
24062	5dfe	rta	RTPTAVOOR
24063	5dff	rta	RTPTABHT
24064	5e00	rta	RTPTABPT
24065	5e01	rta	RTPTBOOR
24066	5e02	rta	RTPTBBHT
24067	5e03	rta	RTPTBBPT
24068	5e04	rta	RTPTBRC
24069	5e05	rta	RTSCFBPT
24070	5e06	rta	RTSCFBHT
24071	5e07	rta	RTSFSBHT
24072	5e08	rta	RTSHTBHT
24073	5e09	rta	RTTKSBHT
24074	5e0a	rta	RTUPIOOR
24075	5e0b	rta	RTUPUCBS
24076	5e0c	rta	RTBSYMLG
24077	5e0d	rta	RTIDLES1
24078	5e0e	rta	RTIDLES2
24079	5e0f	rta	RTIDLES3
24080	5e10	rta	RTSEL6P1
24081	5e11	rta	RTSFGST1
24082	5e12	rta	RTSFREL1
24083	5e13	rta	RTSFGSV1
24084	5e14	rta	RTADDLQ1
24085	5e15	rta	RTADDLQ2
24086	5e16	rta	RTAUNQM_MLHG
24087	5e17	rta	RTCRTQT1
24088	5e18	rta	RTCRTQT2
24089	5e19	rta	RTCUSPI1
24090	5e1a	rta	RTAUNQO_MLHG
24091	5e1b	rta	RTAU3QM_MLHG
24092	5e1c	rta	RTDQALG1
24093	5e1d	rta	RT3QO_ICI
24094	5e1e	rta	RTDQALG2
24095	5e1f	rta	RT2QO_ICI
24096	5e20	rta	RT2INQO_MLHG
24097	5e21	rta	RT2Q_ISAT
24098	5e22	rta	RTISATS1
24099	5e23	rta	RTLMPST1
24100	5e24	rta	RTLMPUD1
24101	5e25	rta	RTLMPUD2
24102	5e26	rta	RTMKLNQ1
24103	5e27	rta	RTQTWLS1
24104	5e28	rta	RTHKCMP
24105	5e29	rta	RTCONVR1
24106	5e2a	rta	RTDSNTK1
24107	5e2b	rta	RTINPPS1
24108	5e2c	rta	RTMINSA1
24109	5e2d	rta	RTPPSCR1
24110	5e2e	rta	RTPPBTF1
24111	5e2f	rta	RTPPBSY1
24112	5e30	rta	RTPPHNT1
24113	5e31	rta	RTPPSET1
24114	5e32	rta	RTPPSET2
24115	5e33	rta	RTRCPPS2
24116	5e34	rta	RTSETSA1
24117	5e35	rta	RTREPLY1

24118	5e36	rta	RTAUNTEDB
24119	5e37	rta	RTSNDTG1
24120	5e38	rta	RTSNDTG2
24121	5e39	rta	RTSTATH1
24122	5e3a	rta	RTSTATH2
24123	5e3b	rta	RTBLFCL1
24124	5e3c	rta	RTBLFCL2
24125	5e3d	rta	RTBLFCL3
24126	5e3e	rta	RTBLFCL4
24127	5e3f	rta	RTBLFCL5
24128	5e40	rta	RTBLFCL6
24129	5e41	rta	RTBLFMA1
24130	5e42	rta	RTBLFMG1
24131	5e43	rta	RTBTNHN1
24132	5e44	rta	RTBTNHN2
24133	5e45	rta	RTBTNHN3
24134	5e46	rta	RTINSBF1
24135	5e47	rta	RTINSBF2
24136	5e48	rta	RTINSBF3
24137	5e49	rta	RTAUNPCBLA
24138	5e4a	rta	RTAUNTEILA
24139	5e4b	rta	RTAU3PCBLA
24140	5e4c	rta	RTAUNLTMSTAT
24141	5e4d	rta	RTMCATE1
24142	5e4e	rta	RTMCAOF1
24143	5e4f	rta	RTMCAOF2
24144	5e50	rta	RTISDN1SPP
24145	5e51	rta	RTISDN2SPP
24146	5e52	rta	RTISDN3SPP
24147	5e53	rta	RTISDN4SPP
24148	5e54	rta	RTISDN5SPP
24149	5e55	rta	RTISDN6SPP
24150	5e56	rta	RTISDN7SPP
24151	5e57	rta	RTISDN8SPP
24152	5e58	rta	RTISDN9SPP
24153	5e59	rta	RTISDN10SPP
24154	5e5a	rta	RTISDN11SPP
24155	5e5b	rta	RTISDN12SPP
24156	5e5c	rta	RTISDN13SPP
24157	5e5d	rta	RTISDN14SPP
24158	5e5e	rta	RTISDN15SPP
24159	5e5f	rta	RTISDN16SPP
24160	5e60	rta	RTISDN17SPP
24161	5e61	rta	RTAUNLGTKSTAT
24162	5e62	rta	RTISDN18SPP
24163	5e63	rta	RTISDN19SPP
24164	5e64	rta	RTATCNTMSK
24165	5e65	rta	RTINVTRKG
24166	5e66	rta	RTFCPBCOS
24167	5e67	rta	RTINSAG1
24168	5e68	rta	RTINPSSA
24169	5e69	rta	RTPSINSA
24170	5e6a	rta	RTTAISP
24171	5e6b	rta	RTBLFMA2
24172	5e6c	rta	RTBLFMA3
24173	5e6d	rta	RTBLFMA4
24174	5e6e	rta	RTBLFMA5
24175	5e6f	rta	RTBLFMA6
24176	5e70	rta	RTE9_CFBADDN
24177	5e71	rta	RTPSÄPISLINE
24178	5e72	rta	RTPSAPRTMHG
24179	5e73	rta	RTBCLCF
24180	5e74	rta	RTBCLGCNT
24181	5e75	rta	RTBCLGRP
24182	5e76	rta	RTBCLLCNT
24183	5e77	rta	RTBCLLTM
24184	5e78	rta	RTBCLMHTG
24185	5e79	rta	RTBCLOPTS
24186	5e7a	rta	RTSHDNLENER
24187	5e7b	rta	RTICMLST
24188	5e7c	rta	RTMDRSFG
24189	5e7d	rta	COUXPMSG

24190	5e7e	rta	COREASON
24191	5e7f	rta	COBADPARM
24192	5e80	rta	COUXPOSR
24193	5e81	rta	COBADHEAD
24194	5e82	rta	COLSTLIST
24195	5e83	rta	COUNLINK
24196	5e84	rta	CORELINK
24197	5e85	rta	COIMCOSTAT
24198	5e86	rta	COTHCOSTAT
24199	5e87	rta	COMODATT
24200	5e88	rta	CORECOSTAT
24201	5e89	rta	COSTCOSTAT
24202	5e8a	rta	COCPIMCOST
24203	5e8b	rta	COCPHOST
24204	5e8c	rta	COHMERROR
24205	5e8d	rta	CORTMHG
24206	5e8e	rta	CODSLEQUIP
24207	5e8f	rta	COPX25LN
24208	5e90	rta	COTRGFAIL
24209	5e91	rta	RTCICEX
24210	5e92	rta	RTSPCHTRKG
24211	5e93	rta	RTINWVBRATE
24212	5e94	rta	RTINVHTTYPE
24213	5e95	rta	RTACDPD1
24214	5e96	rta	RTACDPD2
24215	5e97	rta	RTACDQC1
24216	5e98	rta	RTACDQC2
24217	5e99	rta	RTACDQC3
24218	5e9a	rta	RTACDQC4
24219	5e9b	rta	RTACDQR1
24220	5e9c	rta	RTGENTM2

13. 5E12 Numeric Index: 24221-25210

ERROR CODE	PRM CODE	RANGE	MNEMONIC
24221	5e9d	rta	RTPSTDN3
24222	5e9e	rta	RTACDMG1
24223	5e9f	rta	RTINVTSA
24224	5ea0	rta	RTWSFSV
24225	5ea1	rta	RTWSFCERR
24226	5ea2	rta	RTMRSP
24227	5ea3	rta	RTMRTIMER
24228	5ea4	rta	RTMR_UEXP_MSG
24229	5ea5	rta	RTISATLMPUP
24230	5ea6	rta	RTTGLTM
24231	5ea7	rta	RTRT_DTRTX
24232	5ea8	rta	RTRT_WBRTX
24233	5ea9	rta	RTPSU_TRKG
24234	5eaa	rta	RTMSGQFULL
24235	5eab	rta	RTTGFMISMISSING
24236	5eac	rta	RTUEXP_SFG
24237	5ead	rta	RTANI_MISSING
24238	5eae	rta	RTLNEONSFG
24239	5eaf	rta	RTTGEONSFG
24240	5eb0	rta	RTINVEONSFG
24244	5eb4	rta	RTTSMTRING
24245	5eb5	rta	RT_TSMBADMSG
24246	5eb6	rta	RTASPOTNST
24247	5eb7	rta	RTCGA_STAT
24248	5eb8	rta	RTLNK_PLI
24249	5eb9	rta	RTTSMBTN
24600	6018	si	SIAUBDMS
24601	6019	si	SIINBDMS
24602	601a	si	SIIMBDMS
24603	601b	si	SIOCBDMMS
24604	601c	si	SIWAITER
24605	601d	si	INBADLOGRF
24606	601e	si	MSBDSIMS
24607	601f	si	SIINMSLG
24608	6020	si	MSBDSITP
24609	6021	si	SIIMMSLG

24610	6022	si	MSBDSIRN
24611	6023	si	SIOCMSLG
24612	6024	si	INTSMINTERNAL
24613	6025	si	MCCBADIND
24614	6026	si	MCCBADPHR
24615	6027	si	MCCBADSTAT
24616	6028	si	MCCBADPCR
24617	6029	si	BADDDTRG
24618	602a	si	MCCBADRSN
24619	602b	si	SIDDFAIL
24620	602c	si	FLOW_ERR
24621	602d	si	INBSTESEQ
24622	602e	si	INERAPB
24625	6031	si	INPRIGRP
24626	6032	si	INDBRET
24627	6033	si	INMSTYPE
24628	6034	si	INGRPTGET
24629	6035	si	INGRCKTGET
24630	6036	si	INGRPBGET
24631	6037	si	INGRPXGET
24632	6038	si	INGRCXGET
24633	6039	si	INGRQMSG
24635	603b	si	INERTCPL
24636	603c	si	INERGPAX
24637	603d	si	INESMINT
24638	603e	si	INETMPSI
24639	603f	si	SIFLASHUPD
24640	6040	si	INECOMBD
24641	6041	si	INEUTYP
24642	6042	si	INECFAIL
24643	6043	si	INBADMHNUM
24645	6045	si	INERCRECORD
24646	6046	si	INERMDRQ
24647	6047	si	INEORXPT
24648	6048	si	INACAERR
24649	6049	si	INRTFAIL
24650	604a	si	INMBUFTYP
24651	604b	si	INMICOST
24653	604d	si	INMDFRQ
24654	604e	si	INPUQERR
24655	604f	si	INPRTGRP
24656	6050	si	INTRKGRP
24657	6051	si	INIMNOMSG
24658	6052	si	INLNKPLIERR
24659	6053	si	INBADTYPE
24660	6054	si	INSMIAERR
24661	6055	si	INCPHDER
24662	6056	si	INSMCRERR
24663	6057	si	INBRTNVAL
24664	6058	si	INBTIMEVAL
24665	6059	si	INBDFREASON
24666	605a	si	INBLOCALVAR
24667	605b	si	INBSTATE
24668	605c	si	INBADINPUT
24669	605d	si	INBRSLTFLD
24670	605e	si	INBSTEORTYPE
24671	605f	si	INTYPEFAIL
24672	6060	si	INSFPTFAIL
24673	6061	si	INSFRET
24674	6062	si	INUNREASON
24675	6063	si	INUNREQTYPE
24676	6064	si	INUN_REQ
24677	6065	si	INBACTORRSLT
24678	6066	si	INBNXTACT
24679	6067	si	INE_ESC
24680	6068	si	INRETGEN
24682	606a	si	INERSDAP
24683	606b	si	INDFTYPE
24684	606c	si	IMALCGSSFL
24685	606d	si	INERACRECORD
24686	606e	si	INDBFINER
24688	6070	si	INDAGSPLPO

24689	6071	si	INBDBGS5CAL
24690	6072	si	INPTDFRQ
24691	6073	si	INENDFRQ
24693	6075	si	INIDTMBW
24694	6076	si	INIDS1
24695	6077	si	INUNITREAD
24696	6078	si	INSMESTREAD
24697	6079	si	INIDTMIC
24698	607a	si	INIDTMIR
24699	607b	si	INBOSMODE
24700	607c	si	INBTRANS
24701	607d	si	INBSEQU
24702	607e	si	INBSEQINPUT
24703	607f	si	INBUNBLOCK
24704	6080	si	INBUNSDRET
24705	6081	si	INBINSYNCH
24706	6082	si	INSYNFULL
24707	6083	si	INBCHKIN
24708	6084	si	INBAIMDATA
24709	6085	si	INERDDW
24710	6086	si	INWPBSSFL
24711	6087	si	INWPODDFL
24712	6088	si	INIDTMIW
24713	6089	si	INIDTMPS
24714	608a	si	INJBREQERR
24717	608d	si	INAIU_ERROR
24718	608e	si	INAIUMTERR
24719	608f	si	INAIUISPA
24720	6090	si	INERWCTX
24723	6093	si	INERQVST
24724	6094	si	INERTAGH
24725	6095	si	INRSMCHAN
24726	6096	si	INRSMNTS
24727	6097	si	INSATRNFAIL
24728	6098	si	INSABMSG
24729	6099	si	INSASTATE
24730	609a	si	INSABTIME
24731	609b	si	INSARTAIN
24732	609c	si	INSARTAOUT
24735	609f	si	INIDTSBOS
24736	60a0	si	INIDTSBSM
24737	60a1	si	INIDTSEFC
24738	60a2	si	INIDTSICR
24739	60a3	si	INIDTSIWS
24740	60a4	si	INIDTSSMR
24741	60a5	si	INIDTSUMR
24742	60a6	si	INIDTSUPS
24743	60a7	si	INIDTSURC
24744	60a8	si	IMBADRSCTYPE
24745	60a9	si	OCBADPID
24747	60ab	si	INEROSPS
24749	60ad	si	INGRDGET
24750	60ae	si	INGRDLINK
24751	60af	si	INGRINTERNAL
24752	60b0	si	INGRPC
24753	60b1	si	INGRTSI
24754	60b2	si	INBADCR
24755	60b3	si	ININVMSGTYP
24756	60b4	si	ININVSTIM
24757	60b5	si	INBADPCRID
24758	60b6	si	INBADOFF
24759	60b7	si	INBADDDREAD
24760	60b8	si	INBADDDWRITE
24761	60b9	si	INCLIDAT
24762	60ba	si	INMODATT
24763	60bb	si	INDBREASON
24764	60bc	si	IMASTMFEX
24765	60bd	si	IMASTLFEX
24769	60c1	si	DTFETE
24770	60c2	si	INMATATT
24771	60c3	si	INERBFMSG
24772	60c4	si	IMRSCFEX

24775	60c7	si	IMAETEIN
24776	60c8	si	IMARCTRG
24777	60c9	si	IMAPMPIN
24778	60ca	si	IMALCMUP
24779	60cb	si	IMAPBMUP
24780	60cc	si	IMASTLCNT
24781	60cd	si	IMASTSPP
24782	60ce	si	IMASTCRT
24783	60cf	si	IMALCMFL
24784	60d0	si	IMAPBMFL
24785	60d1	si	SIBADUNIT
24786	60d2	si	IMAEBIT2
24787	60d3	si	IMABDCASE
24788	60d4	si	IMABDHST
24789	60d5	si	IMAPMPFL
24790	60d6	si	IMASTIMG
24791	60d7	si	INISPARTN
24792	60d8	si	IMRSCRCVY
24793	60d9	si	INISPHTO
24795	60db	si	IMAPCDSP
24796	60dc	si	IMASACP0
24797	60dd	si	IMASACP1
24798	60de	si	IMBD_DQLNK_MSG
24799	60df	si	IMAOCNUTS
24800	60e0	si	IMARTSPP
24801	60e1	si	IMAIMSPP
24802	60e2	si	IMAMRASPP
24803	60e3	si	IMBSSWP
24804	60e4	si	IMODDWP
24805	60e5	si	IMACDQMRCVY
24806	60e6	si	IMQMCLLTQ
24807	60e7	si	IMQMSRVTM
24808	60e8	si	IMQMBDFRD
24809	60e9	si	INPHSTATUS
24810	60ea	si	INPORTLA
24811	60eb	si	OCPSSNDER
24812	60ec	si	SIODSFAIL
24813	60ed	si	OCOVLDERR
24814	60ee	si	INOSBDSITYPE
24816	60f0	si	INOSDFBDFRD
24817	60f1	si	DTWRTERR
24818	60f2	si	INTSDATA
24820	60f4	si	INOSBDPCBL
24826	60fa	si	SIOMTDBERR
24834	6102	si	SIFPSPBADREA
24835	6103	si	SIFPTPBADREA
24836	6104	si	SIIMWPINV
24838	6106	si	INOSPSL3
24839	6107	si	OCBADLPHN
24840	6108	si	OCSMDTRD
24841	6109	si	OCRLGETER
24842	610a	si	OCOSSNDER
24843	610b	si	INIDSBADRET
24844	610c	si	INIDSARGBAD
24845	610d	si	INIDSDTFailure
24847	610f	si	INIDSPACKAGE
24848	6110	si	INIDSREASONBAD
24849	6111	si	INIDSPTYPEBAD
24853	6115	si	INERTEDB
24854	6116	si	INERCOIN
24855	6117	si	INERBRCSDB
24856	6118	si	INERLTMSTAT
24857	6119	si	INERDISPDB
24858	611a	si	INERPPSAST
24859	611b	si	INERSCMDB
24860	611c	si	INERADB
24861	611d	si	INERBLFDB
24862	611e	si	INERATTDB
24863	611f	si	INERCBDB
24864	6120	si	INPCBCOIN
24865	6121	si	OCMSGID
24866	6122	si	OCDTREAD

24867	6123	si	INNS_TN
24871	6127	si	INERICRST
24872	6128	si	INEROTINIT
24874	612a	si	OCDDRDERR
24875	612b	si	OCDDWTERR
24876	612c	si	OCHMERR
24884	6134	si	OCUNKSITP
24886	6136	si	INERMSU
24887	6137	si	INERCNDA
24888	6138	si	INERLHBS
24889	6139	si	INERDBCN
24890	613a	si	GRMATESTP
24891	613b	si	GRTRCFail
24892	613c	si	GRMATEFAIL
24893	613d	si	GRINVLPR
24895	613f	si	INERCLDB
24896	6140	si	INERMDB
24897	6141	si	INPSUUI
24898	6142	si	INLTSTAT
24899	6143	si	INLTSBDB
24900	6144	si	SIOATYP
24901	6145	si	INERNSDB
24903	6147	si	INERSRV
24905	6149	si	INERCVST
24906	614a	si	INGRCIWRF
24907	614b	si	INGRCIRDF
24908	614c	si	INGRNOXPT
24909	614d	si	INGRNOPIB
24910	614e	si	INGRCKTDATA
24911	614f	si	OCSMRDERR
24913	6151	si	INGRDFINUM
24914	6152	si	DDBADNCT
24915	6153	si	DDBADTRIG
24918	6156	si	DDIMMAP
24919	6157	si	DDIMCTS
24921	6159	si	INGROPFAIL
24922	615a	si	INGRTSIT1F
24923	615b	si	IMASTDBRC
24924	615c	si	DDBADCASE
24926	615e	si	IMDACHKRSC
24929	6161	si	IMINV_CMP
24930	6162	si	SIGLCLOFFSET
24931	6163	si	INERE911DB
24932	6164	si	INFHBADTS
24933	6165	si	INFHOSBCAST
24934	6166	si	DDREASERR
24935	6167	si	DDBADOS
24936	6168	si	DDIMMSG
24937	6169	si	DDIMSTIM
24938	616a	si	DDBADTIMER
24939	616b	si	DDCPMSG
24940	616c	si	DDCPSTIM
24947	6173	si	INSYNCHTO
24948	6174	si	INRTCONFIG
24949	6175	si	INERLSCMDB
24952	6178	si	INERBCLA
24953	6179	si	INERBCGA
24954	617a	si	INERSTPDB
24955	617b	si	INERNS_IDX
24956	617c	si	INERTN_INFO
24957	617d	si	INERNS_BILL
24959	617f	si	INPICBERR
24960	6180	si	INCCBERR
24961	6181	si	INCHDBERR
24962	6182	si	INCOBERR
24963	6183	si	INPORTDATA
24964	6184	si	INREASERR
24965	6185	si	INFHBRMSG
24966	6186	si	INFHBSMSG
24967	6187	si	INFHUMSG
24968	6188	si	INFHBSTATE
24969	6189	si	INFHSPAS

24970	618a	si	INFHTSMMSG
24971	618b	si	INFHBSLOTS
24973	618d	si	INFHNOMATCH
24974	618e	si	INFHDDFAIL
24975	618f	si	INERAUTO
24976	6190	si	INEROATA
24977	6191	si	INERACCS
24978	6192	si	INERTEILA
24979	6193	si	INERDALB
24981	6195	si	INMATEFAILTSM
24982	6196	si	INMATESTPTSM
24983	6197	si	INOFLDATATSM
24988	619c	si	SIOLINOOR
24998	61a6	si	SIOLIMHOG
25001	61a9	si	INPIDBERR
25005	61ad	si	IMTITELPW
25007	61af	si	SIMGTPCREATE
25012	61b4	si	INBDPTNM
25013	61b5	si	INLINKUSE
25014	61b6	si	INERACDI
25015	61b7	si	INERTATDB
25016	61b8	si	INERCCSSTPDB
25017	61b9	si	SIZAPRNGERR
25018	61ba	si	SIZAPINIT
25200	6270	smim	SMBADDBRET
25201	6271	smim	SMBADUTYPE
25202	6272	smim	SMBADMSGTYPE
25203	6273	smim	SMBADINPUT
25204	6274	smim	SMBADUNIT
25205	6275	smim	SMNOFIU
25206	6276	smim	SMMSGTYPEBAD
25207	6277	smim	SMBADFLTTYPE
25208	6278	smim	SMDBFLT1
25209	6279	smim	SMDBFLT2
25210	627a	smim	SMASDFRA

14. 5E12 Numeric Index: 25211-25580

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25211	627b	smim	SMCKTRCLK
25212	627c	smim	SMCIERRT
25213	627d	smim	SMTSIDBF
25214	627e	smim	SMPARFAIL
25215	627f	smim	SMTSIBUT
25216	6280	smim	SMCLERROR
25217	6281	smim	SMABTREQ
25218	6282	smim	SMCNDB0
25219	6283	smim	SMCNDB1
25220	6284	smim	SMCNDB2
25221	6285	smim	SMCNDB3
25222	6286	smim	SMBADACT
25223	6287	smim	SMCNDB4
25224	6288	smim	SMCNBSTE
25225	6289	smim	SMRDMATE
25226	628a	smim	SMUPMATE
25227	628b	smim	SMRDACT
25228	628c	smim	SMUPACT
25229	628d	smim	SMPRMRA
25230	628e	smim	SMINVCKT
25231	628f	smim	SMIADSCC
25232	6290	smim	SMAILACT
25233	6291	smim	SMAILQUAL
25234	6292	smim	SMAHDWREL
25235	6293	smim	SMIACKTDAT
25236	6294	smim	SMIADSUIMG
25237	6295	smim	SMIATYPE
25238	6296	smim	SMAFUPTUP
25239	6297	smim	SMAOPAD
25240	6298	smim	SMIAMCNT
25241	6299	smim	SMAILBIT
25242	629a	smim	SMAILNAME

25243	629b	smim	SMIAEST
25244	629c	smim	SMIABGNT
25245	629d	smim	SMIAOPNR
25246	629e	smim	SMIAUPTUP
25247	629f	smim	SMIARDNXT
25248	62a0	smim	SMIALBLK
25249	62a1	smim	SMIALSIDE
25250	62a2	smim	SMIALBNAME
25251	62a3	smim	SMIAHDWDAT
25252	62a4	smim	SMIADLINM
25253	62a5	smim	SMIALSUB
25254	62a6	smim	SMIARDFST
25255	62a7	smim	SMIANOEST
25256	62a8	smim	SMIALUNIT
25257	62a9	smim	SMIALSTATE
25258	62aa	smim	SMIALCQ
25259	62ab	smim	SMCRCLOB
25260	62ac	smim	SMCRLEVEL
25261	62ad	smim	SMCRCOUNT
25262	62ae	smim	SMCRELEV
25263	62af	smim	SMCRBEND
25264	62b0	smim	SMDSNODSU
25265	62b1	smim	SMDSNEQIP
25266	62b2	smim	SMDSNOPER
25267	62b3	smim	SMDSILRCVY
25268	62b4	smim	SMDSERTYPE
25270	62b6	smim	SMDSCOUNT
25271	62b7	smim	SMDSOOS
25272	62b8	smim	SMDSTSI
25273	62b9	smim	SMDSTMTTF
25274	62ba	smim	SMDSCTYPE
25275	62bb	smim	SMDS2RCVY
25276	62bc	smim	SMDSTMNAME
25277	62bd	smim	SMDSTTFSUB
25278	62be	smim	SMRADBW
25279	62bf	smim	SMRADBR
25280	62c0	smim	SMRAPRQ
25281	62c1	smim	SMRAPRL
25282	62c2	smim	SMRAPCB
25283	62c3	smim	SMRARTA
25284	62c4	smim	SMRATM
25285	62c5	smim	SMRAHDW
25286	62c6	smim	SMRAHID
25287	62c7	smim	SMRAOS
25288	62c8	smim	SMRAMSG
25289	62c9	smim	SMRAUID
25290	62ca	smim	SMRAVB
25291	62cb	smim	SMRAXRF
25292	62cc	smim	SMRAQUE
25293	62cd	smim	SMRAPM
25294	62ce	smim	SMDSUTSSR
25295	62cf	smim	SMDSPDBATY
25296	62d0	smim	SMCRNOBEG
25297	62d1	smim	SMUNKRCVY
25298	62d2	smim	SMIACKTEST
25299	62d3	smim	SMIAUPEST
25300	62d4	smim	SMMCNTFLT
25301	62d5	smim	SMDBFLT
25302	62d6	smim	SMBGNTRN
25303	62d7	smim	SMOPNREL
25304	62d8	smim	SMSSENDMSG
25305	62d9	smim	SMGMSG
25306	62da	smim	SMCREATE
25307	62db	smim	SMACTFLD
25308	62dc	smim	SMMSGREC
25309	62dd	smim	SMMSGTRE
25310	62de	smim	SMILINAM
25311	62df	smim	SMHMMMSG
25312	62e0	smim	SMOFF1NRM
25313	62e1	smim	SMPIDB1RA
25314	62e2	smim	SMPIDB1EA
25315	62e3	smim	SMPIDB2EA

25316	62e4	smim	SMGETNSFLT
25317	62e5	smim	SMPIDB2RA
25318	62e6	smim	SMPALWOOS
25319	62e7	smim	SMMALWOOS
25320	62e8	smim	SMGDXBESTR
25321	62e9	smim	SMRACPS
25322	62ea	smim	SMCLERR1
25323	62eb	smim	SMCLERR2
25324	62ec	smim	SMCLERR3
25325	62ed	smim	SMCLERR4
25326	62ee	smim	SMCLERR5
25327	62ef	smim	SMMANINHERR
25328	62f0	smim	SMAUTOINHERR
25329	62f1	smim	SMALLNOTDONE
25330	62f2	smim	SMREASERR
25331	62f3	smim	SMDDWTHWCK
25332	62f4	smim	SMDDRDHWCK
25333	62f5	smim	SMIMMBUR
25334	62f6	smim	SMPRPICKT
25335	62f7	smim	SMPRPIIDL
25336	62f8	smim	SMPRPIRES
25337	62f9	smim	SMPRPIMSG
25338	62fa	smim	SMPRPISRA
25339	62fb	smim	SMDCCOUNT
25340	62fc	smim	SMDCILRCVY
25341	62fd	smim	SMDCERTYPE
25342	62fe	smim	SMCANTSEND
25343	62ff	smim	SMBADMRA_ACK
25344	6300	smim	SMOSWPROB
25345	6301	smim	SMPORTLA
25346	6302	smim	SMPSPRCNT
25347	6303	smim	SMPSRSMST
25348	6304	smim	SMPUSMST
25349	6305	smim	SMPSSOSEND
25350	6306	smim	SMPSRCVNV
25351	6307	smim	SMPSCKTNV
25352	6308	smim	SMPSENV
25353	6309	smim	SMISPIDB_NO
25354	630a	smim	SMBADPAR
25355	630b	smim	SMNOPSUIPIDB
25356	630c	smim	SMPRGDGN
25357	630d	smim	SMBADTIMER
25358	630e	smim	SMPTSBAD
25359	630f	smim	SMTBLBAD
25360	6310	smim	SMUNKRQST
25361	6311	smim	SMDFUNLKTS
25362	6312	smim	SMBADMCSTATE
25363	6313	smim	SMWREASON
25364	6314	smim	SMOPERTST
25365	6315	smim	SMDPSMSEND
25366	6316	smim	SMDPAMSEND
25367	6317	smim	SMDPUPDFAIL
25368	6318	smim	SMDPMISSING
25369	6319	smim	SMDPWRONG
25370	631a	smim	SMDPTIMER
25371	631b	smim	SMDPWAIT
25372	631c	smim	SMDPCREATE
25373	631d	smim	SMLOCK_ERROR
25374	631e	smim	SMDPTPSEND
25375	631f	smim	SMDPDDFAIL
25376	6320	smim	SMMRA_DBRR
25377	6321	smim	SMDPBCAST
25378	6322	smim	SMCHDBRSM
25379	6323	smim	SMINVPNPT
25380	6324	smim	SMS96CTO
25381	6325	smim	SMS96A01
25382	6326	smim	SMS96A02
25383	6327	smim	SMS96A03
25384	6328	smim	SMS96A04
25385	6329	smim	SMS96A05
25386	632a	smim	SMS96A06
25387	632b	smim	SMS96A07

25388	632c	smim	SMS96A08
25389	632d	smim	SMS96A09
25390	632e	smim	SMS96A10
25391	632f	smim	SMS96A11
25393	6331	smim	SMS96A13
25394	6332	smim	SMS96A14
25396	6334	smim	SMPPILAFAIL
25397	6335	smim	SMS96A17
25398	6336	smim	SMS96A18
25399	6337	smim	SMS96A19
25400	6338	smim	SMERBLKRES
25401	6339	smim	SMS96A21
25402	633a	smim	SMS96A22
25404	633c	smim	SMS96A24
25405	633d	smim	SMS96A25
25406	633e	smim	SMS96A30
25407	633f	smim	SMS96A31
25408	6340	smim	SMS96A32
25410	6342	smim	SMS96A34
25411	6343	smim	SMS96A35
25412	6344	smim	SMS96A36
25413	6345	smim	SMDDL_SEND
25414	6346	smim	SMRSM_NAILUP
25415	6347	smim	SMVER_CONN
25416	6348	smim	SMRDFHINIT
25417	6349	smim	SMHDFHINIT
25418	634a	smim	SMRDFHMAIN
25419	634b	smim	SMHDFHMAIN
25420	634c	smim	SMRDFHUXP
25421	634d	smim	SMHDFHUXP
25422	634e	smim	SMTADECPICMD
25423	634f	smim	SMCPIDDWRT
25424	6350	smim	SMIAFILPA
25425	6351	smim	SMRSMCHALLOC
25426	6352	smim	SMRSMCHDB
25427	6353	smim	SMRSMPCBLA
25428	6354	smim	SMRDFHTCSC
25429	6355	smim	SMMSGBAD
25430	6356	smim	SMS96A51
25431	6357	smim	SMS96CKT
25432	6358	smim	SMPSULOGDUMP
25433	6359	smim	SMSPRSMEST
25434	635a	smim	SMSLTHRESHERR
25435	635b	smim	SMSLCKTERR
25436	635c	smim	SMSLPRCOUNTERR
25437	635d	smim	SMSLRCVYACTERR
25438	635e	smim	SMIDAUD1
25439	635f	smim	SMDCLNOCC
25440	6360	smim	SMDCLFRBAD
25441	6361	smim	SMDCLPARM
25442	6362	smim	SMDCLIRQ
25443	6363	smim	SMPSUIIAAUER
25444	6364	smim	SMDCLRSMEST
25445	6365	smim	SMTSIUNLK
25446	6366	smim	SMACTSPRFL
25447	6367	smim	SMS96A60
25448	6368	smim	SMS96A61
25449	6369	smim	SMS96A62
25450	636a	smim	SMS96A63
25451	636b	smim	SMS96A64
25452	636c	smim	SMS96A65
25453	636d	smim	SMS96A66
25454	636e	smim	SMS96A67
25455	636f	smim	SMS96A68
25456	6370	smim	SMS96A69
25457	6371	smim	SMSLERRTYPERR
25458	6372	smim	SMSLERRNOIMPK
25459	6373	smim	SMIDSEND
25460	6374	smim	SMBADRDFI
25461	6375	smim	SMGPICBFAIL
25462	6376	smim	SMBADSDFISEL
25463	6377	smim	SMCKTDATFAIL

25464	6378	smim	SMDCLU1PFR
25465	6379	smim	SMS96BASEFAIL
25466	637a	smim	SMBADCISCAN
25467	637b	smim	SMDCLUICT
25468	637c	smim	SMROTPNF
25469	637d	smim	SMRLNKRET
25470	637e	smim	SMRSMCOMM
25471	637f	smim	SMPPGFULL
25472	6380	smim	SMIDAUD2
25473	6381	smim	SMDSUINIT
25474	6382	smim	SMOTHINIT
25475	6383	smim	SMPPGNOMATCH
25476	6384	smim	SMUTYPEBAD
25477	6385	smim	SMOUTINIT
25478	6386	smim	SMESTRET
25479	6387	smim	SMFDBRDFL
25480	6388	smim	SMIDAUD3
25481	6389	smim	SMCRNULK
25482	638a	smim	SMCRFORE
25483	638b	smim	SMRDNINIT
25484	638c	smim	SMQLNETINV
25485	638d	smim	SMDCLUBASE
25486	638e	smim	SMATDISERR
25487	638f	smim	SMATENERR
25488	6390	smim	SMATHWCONFIG
25489	6391	smim	SMATONLD
25490	6392	smim	SMCDFIMAP
25491	6393	smim	SMIACLIDATDB
25492	6394	smim	SMINITRLRCB
25493	6395	smim	SMCLIDATDB
25494	6396	smim	SMMATATTDB
25495	6397	smim	SMSEPSMEST
25496	6398	smim	SMILSEPACT
25497	6399	smim	SMIDDA01
25498	639a	smim	SMBDSHLFDTBL
25499	639b	smim	SMPHDATDGR
25500	639c	smim	SMODDLOCEQ
25501	639d	smim	SMODDCKT
25502	639e	smim	SMC_DBCLIDAT
25503	639f	smim	SMC_DBMATATT
25504	63a0	smim	SMC_DBCDFI_MAP
25505	63a1	smim	SMC_DBSMEST
25506	63a2	smim	SMC_DBWSMEST
25507	63a3	smim	SMC_INITREA
25508	63a4	smim	SMC_UNKMSG
25509	63a5	smim	SMC OSDSRET
25510	63a6	smim	SMC_TIMER
25511	63a7	smim	SMC_LLATAB
25512	63a8	smim	SMC_NRCLMAP
25513	63a9	smim	SMC_RCLMAP
25514	63aa	smim	SMC_SRC
25515	63ab	smim	SMC_EVDDL
25516	63ac	smim	SMC_DDERR
25517	63ad	smim	SMC_CMRCCLMAP
25518	63ae	smim	SMBDLNKGRP
25519	63af	smim	SMDBADERRTYPE
25520	63b0	smim	SMATRMVTSI
25521	63b1	smim	SMIDMISC
25522	63b2	smim	SMIDBD01
25525	63b5	smim	SMDC5BP
25526	63b6	smim	SMDC5TIDB
25527	63b7	smim	SMDC5RLSTI
25528	63b8	smim	SMUNITDATNM
25529	63b9	smim	SMSWBAD
25530	63ba	smim	SMNOPORTLA
25531	63bb	smim	SMMXDSL
25532	63bc	smim	SMDLDSL
25533	63bd	smim	SMCKT_NAMENM
25534	63be	smim	SMCKTINDXNM
25535	63bf	smim	SMCKTNUMNM
25536	63c0	smim	SMIDDS12
25537	63c1	smim	SMQPRTINIT

25538	63c2	smim	SMIDNOEV
25539	63c3	smim	SMIDBDEV
25540	63c4	smim	SMSGN_NAMENM
25541	63c5	smim	SMDEBUG1
25542	63c6	smim	SMPRT_NAMENM
25543	63c7	smim	SMPCB_NUMNM
25544	63c8	smim	SMIDRTAM
25545	63c9	smim	SMDEBUG2
25546	63ca	smim	SMIDPRTD
25547	63cb	smim	SMIDPPJK
25548	63cc	smim	SMIDPASR
25549	63cd	smim	SMCLERR6
25550	63ce	smim	SMCLERR7
25551	63cf	smim	SMCLERR8
25552	63d0	smim	SMCLERR9
25553	63d1	smim	SMCLER10
25554	63d2	smim	SM2KMMUERR
25555	63d3	smim	SMCLER11
25556	63d4	smim	SMCLER12
25557	63d5	smim	SMBAD1DBRET
25558	63d6	smim	SMBAD2DBRET
25559	63d7	smim	SMBAD3DBRET
25560	63d8	smim	SMLDWP_BAD
25561	63d9	smim	SMNLIMAP
25562	63da	smim	SMBAD_SP
25563	63db	smim	SMPIDBFAIL
25564	63dc	smim	SMPTSB2CHDB
25565	63dd	smim	SMPTSBFAIL
25566	63de	smim	SM2MH_CMER
25567	63df	smim	SMBAD_DX
25568	63e0	smim	SMBAD_ENTRY
25569	63e1	smim	SMBAD_FUMODE
25570	63e2	smim	SMINVFUABT
25571	63e3	smim	SMFUTSDBFAIL
25572	63e4	smim	SMFUBADNLI
25573	63e5	smim	SMINVFURETURN
25574	63e6	smim	SMINVFUSTATE
25575	63e7	smim	SMIABDGBL
25576	63e8	smim	SMIABADPARM
25577	63e9	smim	SMSPFFAUD
25578	63ea	smim	SMFFLIST
25579	63eb	smim	SMFFEMPTY
25580	63ec	smim	SMBADSPUSE

15. 5E12 Numeric Index: 25581-26210

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25581	63ed	smim	SMMHAUPARM
25582	63ee	smim	SMMHAUSND
25583	63ef	smim	SMQLEPINV
25584	63f0	smim	SMQLSPCTIMER
25585	63f1	smim	SMQLSPREASERR
25586	63f2	smim	SMQLSPOSRTN
25587	63f3	smim	SMQLSPACINV
25588	63f4	smim	SMQLSPTMRINV
25589	63f5	smim	SMQLSPMGINV
25590	63f6	smim	SMDQLSINV
25591	63f7	smim	SMQLSTAINV
25592	63f8	smim	SMQLMHPIPE
25593	63f9	smim	SMQLPCCONN
25594	63fa	smim	SMQLERRTYPINV
25595	63fb	smim	SMQENDPTS
25596	63fc	smim	SMQLCOMMFAIL
25597	63fd	smim	SMQLNKCNT
25598	63fe	smim	SMQPSTINV
25599	63ff	smim	SMQPUPINV
25600	6400	smim	SMQPDDTIMER
25601	6401	smim	SMQLPBKINV
25602	6402	smim	SMQLMQPSINV
25603	6403	smim	SMQLEMSGINV
25604	6404	smim	SMQLNKSNUMINV

25605	6405	smim	SMDQLNKNUMINV
25606	6406	smim	SMQLEPMMSGINV
25607	6407	smim	SMSPLESEQINV
25611	640b	smim	SMTSMSKERR
25612	640c	smim	SMODDPIDB
25613	640d	smim	SM2MH_HSHE
25614	640e	smim	SMMH_HASHE
25621	6415	smim	SMQOSELNGTH
25622	6416	smim	SMQPACTCMOOS
25623	6417	smim	SMQLPROFILE
25624	6418	smim	SMQLEGETPROF
25625	6419	smim	SMQLERRPROF
25626	641a	smim	SMQLIPIPE
25627	641b	smim	SMQLIQLL
25628	641c	smim	SMQLIDQLNK
25629	641d	smim	SMCLNKNUMINV
25632	6420	smim	SMIDTASK
25633	6421	smim	SMQLLMINVST
25634	6422	smim	SMUNEXPCAL
25635	6423	smim	SMBGSELNLI
25636	6424	smim	SMBGSELOC
25637	6425	smim	SMBGSELMT
25648	6430	smim	SMBADQPIPEODD
25649	6431	smim	SMFLXINC
25650	6432	smim	SMPSLNKOOOR
25651	6433	smim	SMPLILNK
25652	6434	smim	SMPFRUSE
25653	6435	smim	SMASTMSG
25654	6436	smim	SMASTST
25655	6437	smim	SMASTCMD
25656	6438	smim	SMASTSRC
25657	6439	smim	SMASTACT
25658	643a	smim	SMASTTRG
25659	643b	smim	SMIXRFPARAM
25660	643c	smim	SMNUMDX
25661	643d	smim	SMRABADEQL
25662	643e	smim	SMRABADCKT
25663	643f	smim	SMBDCAST
25664	6440	smim	SMPHRNGCHKF
25665	6441	smim	SMLNK_NUM
25666	6442	smim	SMDBFLT3
25667	6443	smim	SMDBFLT4
25668	6444	smim	SMDBFLT5
25669	6445	smim	SMDBFLT6
25670	6446	smim	SMPSLNK_INFO
25671	6447	smim	SMPSU_CA
25672	6448	smim	SMPHATBL
25673	6449	smim	SMGRPNM
25674	644a	smim	SMODDUNIT_CKT
25675	644b	smim	SMXRFAUDERR
25676	644c	smim	SMIDCKTD
25677	644d	smim	SMIDNOSM
25681	6451	smim	SMXRHSMISMATCH
25682	6452	smim	SMDCLPICB
25683	6453	smim	SM2KACC_FLT
25684	6454	smim	SMFURNOMASTER
25685	6455	smim	SMFURNOSUBS
25686	6456	smim	SMFURTBKLD
25687	6457	smim	SMFURBADDDATA
25688	6458	smim	SMFURQBPROB
25689	6459	smim	SMFURQPPROB
25690	645a	smim	SMELTCTCB
25691	645b	smim	SMELTEXH
25692	645c	smim	SMELTNEXP
25693	645d	smim	SMGETCDBERR
25694	645e	smim	SMGETSMESTERR
25695	645f	smim	SMBADHWCGIMG
25696	6460	smim	SMBADHWCGMXCH
25697	6461	smim	SMELINVMEPIPE
25698	6462	smim	SMELINVMELNK
25699	6463	smim	SMELSPINVMMSG
25700	6464	smim	SMELINVEPIPEST

25701	6465	smim	SMELINVELNKST
25702	6466	smim	SMELACKFAIL
25703	6467	smim	SMELACKTO
25704	6468	smim	SMELINVEPIPEACT
25705	6469	smim	SMELINVELNKACT
25706	646a	smim	SMELBADPTCNT
25707	646b	smim	SMTRCUAUD
25708	646c	smim	SMELUXPMHEVENT
25709	646d	smim	SMELUXPEVELNK
25710	646e	smim	SMELUXPEVEPIPE
25711	646f	smim	SMELINVDDTRAN
25712	6470	smim	SMELPSSWMODE
25713	6471	smim	SMELDBESERV
25714	6472	smim	SMELDBNOMEPIPE
25715	6473	smim	SMELDBOORKEY
25716	6474	smim	SMELINVRET
25717	6475	smim	SMELDATAINC
25718	6476	smim	SMELBADRPTUNIT
25719	6477	smim	SMELTSAVEFULL
25720	6478	smim	SMELINCREPT
25721	6479	smim	SMELBADIPNUM
25722	647a	smim	SMELINVAURCVY
25723	647b	smim	SMELUMCST
25725	647d	smim	SMELFMHINIT
25726	647e	smim	SMELTTCBC
25736	6488	smim	SMELINVTO
25737	6489	smim	SMELINVEQUIP
25900	652c	smkp	SMC5IEREAS
25901	652d	smkp	SMC5IEARG
25902	652e	smkp	SMC5IMSTY
25903	652f	smkp	SMC5MSTE
25904	6530	smkp	SMC5IRCV
25905	6531	smkp	SMC5NOMBUF
25906	6532	smkp	SMC5IMTAG
25907	6533	smkp	SMC5IDRID
25908	6534	smkp	SMC5IDTCC
25909	6535	smkp	SMC5ELOOP
25910	6536	smkp	SMC5IDREAS
25911	6537	smkp	SMC5IEVMSG
25912	6538	smkp	SMC5IFPC
25913	6539	smkp	SMC5IMSG
25914	653a	smkp	SMC5STRAY
25915	653b	smkp	SMC5IABT
25916	653c	smkp	SMC5ITRNG
25917	653d	smkp	SMC5NOTCC
25918	653e	smkp	SMC5DETIME
25919	653f	smkp	SMC5IBLK
25920	6540	smkp	SMC5ELGTH
25921	6541	smkp	SMC5EPROC
25922	6542	smkp	SMC5ISND
25923	6543	smkp	SMC5IBNR
25924	6544	smkp	SMC5IBACK
25925	6545	smkp	SMC5IEQID
25926	6546	smkp	SMC5DBNOK
25927	6547	smkp	SMC5TMSC
25928	6548	smkp	SMC5TFPC
25929	6549	smkp	SMC5TPPC
25930	654a	smkp	SMC5TMMP
25931	654b	smkp	SMC5TNC
25932	654c	smkp	SMC5TLI
25933	654d	smkp	SMC5TMI
25934	654e	smkp	SMC5TTMS
25935	654f	smkp	SMC5TDLI
25936	6550	smkp	SMC5TCLC
25937	6551	smkp	SMC5TIIA
25938	6552	smkp	SMC5TDRVR
25939	6553	smkp	SMC5ITIMER
25940	6554	smkp	SMC5ICHID
25941	6555	smkp	SMC5ISMTHD
25942	6556	smkp	SMC5FEXEC
25943	6557	smkp	SMIEXNLIMAX
25944	6558	smkp	SMIBADNLI

25945	6559	smkp	SMINLINVLST
25946	655a	smkp	SMINVNLIMAP
25947	655b	smkp	SMINVRS2K
25948	655c	smkp	SMC5TQLC
25949	655d	smkp	SMC5TQGP
25950	655e	smkp	SMSCORE
25951	655f	smkp	SMLCDATA
25952	6560	smkp	SMQSTBCFAIL
25953	6561	smkp	SMQSTABORT
25954	6562	smkp	SMQINITABT
25955	6563	smkp	SMQPIPEABT
25956	6564	smkp	SMDDRQLPS
25957	6565	smkp	SMQPIECNT
25958	6566	smkp	SMQONTCPD
25959	6567	smkp	SMQRSCPF
25960	6568	smkp	SMQRSEQF
25975	6577	smkp	SMINREATG
25976	6578	smkp	SMOSRETTG
25977	6579	smkp	SMMSGTPTG
25978	657a	smkp	SMREAIMTG
25979	657b	smkp	SMEQSTIMTG
25980	657c	smkp	SMWSTIMTG
25981	657d	smkp	SMWIIAIMTG
25982	657e	smkp	SMWMMPIMTG
25983	657f	smkp	SMWSDLCIMTG
25984	6580	smkp	SMRIIAIMTG
25985	6581	smkp	SMREAMMPTG
25986	6582	smkp	SMEQSTMMPTG
25987	6583	smkp	SMWSTMMPTG
25988	6584	smkp	SMWIIAMMPTG
25989	6585	smkp	SMWDGNNMPTG
25990	6586	smkp	SMREALNKTG
25991	6587	smkp	SMEQSTLNKTG
25992	6588	smkp	SMWSTLNKTG
25993	6589	smkp	SMWSTQLPSTG
25994	658a	smkp	SMWSTQTMSTG
25995	658b	smkp	SMEQQLPSTG
25996	658c	smkp	SMREAQLPS
25997	658d	smkp	SMWSTQPIPETG
25998	658e	smkp	SMREAQPIPE
25999	658f	smkp	SMQACKTG
26000	6590	smkp	SMIABDINIT
26001	6591	smkp	SMIABDTMSG
26002	6592	smkp	SMIABDAMSG
26003	6593	smkp	SMIABDUNIT
26004	6594	smkp	SMIANOMCB
26005	6595	smkp	SMAINVPROC
26006	6596	smkp	SMAIOSEUN
26007	6597	smkp	SMAIEMSG
26008	6598	smkp	SMIAMEMSG
26009	6599	smkp	SMAIEMSG
26010	659a	smkp	SMIADDRDF
26011	659b	smkp	SMIADBRDF
26020	65a4	smkp	SMIPCMHDR
26025	65a9	smkp	SMIPACTION
26026	65aa	smkp	SMIPACTQUAL
26027	65ab	smkp	SMIPRETURN
26028	65ac	smkp	SMIPEQID
26029	65ad	smkp	SMIPODDINCONSIST
26030	65ae	smkp	SMIPFROMPID
26031	65af	smkp	SMIPHLEVEL
26032	65b0	smkp	SMISINITPARM
26033	65b1	smkp	SMIPFRCINCONSIST
26034	65b2	smkp	SMIPMSGTYPE
26035	65b3	smkp	SMIPTIONS
26036	65b4	smkp	SMIPPCEQSTAT
26037	65b5	smkp	SMIPPCID
26038	65b6	smkp	SMIPPCSIDE
26039	65b7	smkp	SMIPREASON
26040	65b8	smkp	SMIPRESULT
26041	65b9	smkp	SMIPSMDDREAD
26042	65ba	smkp	SMIPSMWRITE

26043	65bb	smkp	SMIPSNDMSG
26044	65bc	smkp	SMIPSYSTAG
26045	65bd	smkp	SMIPWGFROM
26046	65be	smkp	SMIPWGMSG
26047	65bf	smkp	SMIPWGTYPE
26048	65c0	smkp	SMIPCLFAIL
26049	65c1	smkp	SMIPDDREAD
26050	65c2	smkp	SMISARGUMENT
26051	65c3	smkp	SMISCREASON
26052	65c4	smkp	SMISBADSTATE
26053	65c5	smkp	SMISDDREAD
26054	65c6	smkp	SMISDMDSPP
26055	65c7	smkp	SMISHWESCAL
26056	65c8	smkp	SMISNEXTACT
26057	65c9	smkp	SMISNOOPIMS
26058	65ca	smkp	SMIPSLEVEL
26059	65cb	smkp	SMISPRMCLASS
26060	65cc	smkp	SMISPRMDATA
26061	65cd	smkp	SMISPRMTYPE
26062	65ce	smkp	SMISPRMUNIT
26063	65cf	smkp	SMISREPLACE
26064	65d0	smkp	SMISRETURN
26065	65d1	smkp	SMISSEQST
26066	65d2	smkp	SMISSMDDREAD
26067	65d3	smkp	SMISSMWRITE
26068	65d4	smkp	SMISTIMER
26069	65d5	smkp	SMISACTION
26070	65d6	smkp	SMIPVINT
26071	65d7	smkp	SMIPINREF
26072	65d8	smkp	SMIPHY2LOGFAIL
26073	65d9	smkp	SMIPINTINCONSIST
26074	65da	smkp	SMISDDWRITE
26075	65db	smkp	SMREASERR
26076	65dc	smkp	SMINRC
26077	65dd	smkp	SMINVU
26078	65de	smkp	SMLBIV
26079	65df	smkp	SMINMT
26080	65e0	smkp	SMARBRSN
26081	65e1	smkp	SMARBARG
26082	65e2	smkp	SMARBRET
26083	65e3	smkp	SMVINVMM
26084	65e4	smkp	SMVNFREE
26085	65e5	smkp	SMVBRLNK
26086	65e6	smkp	SMVINVNL
26087	65e7	smkp	SMVOORIX
26088	65e8	smkp	SMVBLIST
26089	65e9	smkp	SMVINVRQ
26090	65ea	smkp	SMVPCAMS
26091	65eb	smkp	SMVCOAFP
26092	65ec	smkp	SMVINVET
26093	65ed	smkp	SMARBETY
26094	65ee	smkp	SMARQDAT
26095	65ef	smkp	SMARSSPT
26096	65f0	smkp	SMARBDON
26097	65f1	smkp	SMVINVRD
26098	65f2	smkp	SMDFRERR
26099	65f3	smkp	SMARBSND
26100	65f4	smkp	SMOORQIX
26101	65f5	smkp	SMTMR
26102	65f6	smkp	SMODDPCIV
26103	65f7	smkp	SMVGTUPBD
26104	65f8	smkp	SMVDDRWF
26105	65f9	smkp	SMVISTAT
26106	65fa	smkp	SMVIUNIT
26107	65fb	smkp	SMVIDATA
26108	65fc	smkp	SMINVSFC
26109	65fd	smkp	SMINVACQ
26110	65fe	smkp	SMINVREQ
26111	65ff	smkp	SMINVDDR
26112	6600	smkp	SMVLPRCF
26113	6601	smkp	SMFPCPCD
26114	6602	smkp	SMFPCNOCH

26115	6603	smkp	SMLCFAIL
26116	6604	smkp	SMVQGLIP
26117	6605	smkp	SMIPQPFail
26150	6626	smkp	SMDMBADLOG
26151	6627	smkp	SMDMILLID
26152	6628	smkp	SMLLONOLNK
26153	6629	smkp	SMLL1NOLNK
26154	662a	smkp	SMMCCBDDRWF
26155	662b	smkp	SMMCCDDRWF
26156	662c	smkp	SMUNKMTST
26175	663f	smkp	SMCLNOTINIT
26176	6640	smkp	SMCLDD1
26177	6641	smkp	SMCLDB8
26178	6642	smkp	SMCLPREF
26179	6643	smkp	SMCLMANMSG
26180	6644	smkp	SMCLMANDONE
26181	6645	smkp	SMCLDMAMMSG
26182	6646	smkp	SMCLNORMREQ
26183	6647	smkp	SMCLCADMSG
26184	6648	smkp	SMCLCADRTN
26185	6649	smkp	SMCLACKMSG
26186	664a	smkp	SMCLINVAL
26187	664b	smkp	SMCLNOTCLNC
26188	664c	smkp	SMCLIIAREQ
26189	664d	smkp	SMCLMSKP
26190	664e	smkp	SMCLBADSRC
26191	664f	smkp	SMCLBADLK
26192	6650	smkp	SMCLIM
26193	6651	smkp	SMCLISOL
26194	6652	smkp	SMCLNINVAL
26195	6653	smkp	SMCLBOSRT
26196	6654	smkp	SMCLBNMSG
26197	6655	smkp	SMCLNMTYP
26198	6656	smkp	SMCLNMBM
26199	6657	smkp	SMCLMPPMSG
26200	6658	smkp	SMCLFPCMSG
26201	6659	smkp	SMCLMSMSG
26202	665a	smkp	SMCLSND1
26203	665b	smkp	SMCLDBO
26204	665c	smkp	SMCLDB1
26205	665d	smkp	SMCLDB2
26206	665e	smkp	SMCLDB3
26207	665f	smkp	SMCLDB4
26208	6660	smkp	SMCLBADMSG
26209	6661	smkp	SMCLCINVAL
26210	6662	smkp	SMCLMSRET

16. 5E12 Numeric Index: 26211-27000

ERROR CODE	PRM CODE	RANGE	MNEMONIC
26211	6663	smkp	SMCLWRSORC
26212	6664	smkp	SMCLWRUNIT
26213	6665	smkp	SMCLWRAC
26214	6666	smkp	SMCLWRTYPE
26215	6667	smkp	SMCLBRMV
26216	6668	smkp	SMCLBRST
26217	6669	smkp	SMCLINERR
26218	666a	smkp	SMCLBIMS
26219	666b	smkp	SMCLBIMO
26220	666c	smkp	SMCLTMSIDE
26221	666d	smkp	SMCLSSPMSG
26222	666e	smkp	SMCLDELTIM
26223	666f	smkp	SMCLINVPAR
26224	6670	smkp	SMCLREASON
26225	6671	smkp	SMCLEWAIT
26226	6672	smkp	SMCLESEND
26227	6673	smkp	SMCLICADTMOUT
26228	6674	smkp	SMCLREQFAIL
26229	6675	smkp	SMCLWGET
26230	6676	smkp	SMCLNOMSG
26231	6677	smkp	SMCLEIMMSG

26232	6678	smkp	SMCLERRMSG
26233	6679	smkp	SMCLSSPE
26234	667a	smkp	SMCLSSPTYPE
26235	667b	smkp	SMCLSEND
26236	667c	smkp	SMCLNOTYPE
26237	667d	smkp	SMCLMSFAIL
26238	667e	smkp	SMCLDDREAD
26239	667f	smkp	SMCLSSPUNIT
26240	6680	smkp	SMISOLDD
26241	6681	smkp	SMISOLDB
26242	6682	smkp	SMRSMOFST
26243	6683	smkp	SMISCLIDAT
26244	6684	smkp	SMSEPDD
26245	6685	smkp	SMCLSSPOOS
26246	6686	smkp	SMCLSMIF
26247	6687	smkp	SMCLRSBMMP
26248	6688	smkp	SMCLRSPC
26249	6689	smkp	SMCLRSBONTC
26250	668a	smkp	SMCLRS3LNK
26251	668b	smkp	SMCLRSMTT
26252	668c	smkp	SMCLRSDDFL
26253	668d	smkp	SMCLRSMO
26300	66bc	smkp	SMMSEWAIT
26301	66bd	smkp	SMMSERMSG
26302	66be	smkp	SMMSPERMSG
26303	66bf	smkp	SMMSREASON
26304	66c0	smkp	SMMSESEND
26305	66c1	smkp	SMMSEVCLASS
26306	66c2	smkp	SMMSREADDD
26307	66c3	smkp	SMMSCTIM
26308	66c4	smkp	SMMSHTIM
26309	66c5	smkp	SMMSWGET
26310	66c6	smkp	SMMSPESEND
26311	66c7	smkp	SMMSDREAD
26312	66c8	smkp	SMMSPPFail
26313	66c9	smkp	SMCLKFAIL
26314	66ca	smkp	SMMSGFAIL
26315	66cb	smkp	SMHMSGFAIL
26316	66cc	smkp	SMPMSGFAIL
26317	66cd	smkp	SMPSENFail
26318	66ce	smkp	SMSSENFail
26319	66cf	smkp	SMWRTFail
26320	66d0	smkp	SMFALREASON
26321	66d1	smkp	SMWAITFail
26322	66d2	smkp	SMTIMEOUT
26323	66d3	smkp	SMGETPTA
26324	66d4	smkp	SMPHY2LOG
26325	66d5	smkp	SMOUTMSGFAIL
26326	66d6	smkp	SMERANGE
26327	66d7	smkp	SMWRTNOPCD
26328	66d8	smkp	SMMCBD
26329	66d9	smkp	SMMCSEND
26330	66da	smkp	SMMCACKBAD
26331	66db	smkp	SMMCWGBAD
26332	66dc	smkp	SMMMUNITERR
26333	66dd	smkp	SMMMSIDERR
26334	66de	smkp	SMMMPPHYERR
26335	66df	smkp	SMMMTPYERR
26336	66e0	smkp	SMMMAQERR
26337	66e1	smkp	SMMMFROMERR
26338	66e2	smkp	SMMMATIONERR
26339	66e3	smkp	SMMMMDUPERR
26340	66e4	smkp	SMMMEVTNOERR
26341	66e5	smkp	SMMMSNDMSGERR
26342	66e6	smkp	SMMMWRITERR
26343	66e7	smkp	SMMMIMERR
26344	66e8	smkp	SMMMGETMSGERR
26345	66e9	smkp	SMMMREASERR
26346	66ea	smkp	SMMMDATAERR
26347	66eb	smkp	SMMMREADERR
26348	66ec	smkp	SMMMSEWAIT
26349	66ed	smkp	SMMMERRTYPE

26350	66ee	smkp	SMMMAUREADERR
26351	66ef	smkp	SMMMDTIMER
26352	66f0	smkp	SMMMOSELENGTH
26353	66f1	smkp	SMMMBADINIT
26354	66f2	smkp	SMMMTMMPH
26355	66f3	smkp	SMMMCADTIMO
26356	66f4	smkp	SMMMSRCERR
26357	66f5	smkp	SMMMEVCLERR
26358	66f6	smkp	SMMMINVDGN
26359	66f7	smkp	SMMMGLIMIT
26360	66f8	smkp	SMMMDREAD
26361	66f9	smkp	SMMMODDREAD
26362	66fa	smkp	SMMMNOMMP
26363	66fb	smkp	SMMMBUSTYPERR
26364	66fc	smkp	SMMMBSTATE
26365	66fd	smkp	SMMMTIMOCAD
26366	66fe	smkp	SMMMOSSSEND
26367	66ff	smkp	SMMMBIDATA
26368	6700	smkp	SMMMBMMPH
26369	6701	smkp	SMMMTBLMSG
26370	6702	smkp	SMMMTBLREAD
26371	6703	smkp	SMFOSND
26372	6704	smkp	SMFINV
26373	6705	smkp	SMFBDMSG
26374	6706	smkp	SMFBDACK
26375	6707	smkp	SMFACK
26376	6708	smkp	SMFAUST
26377	6709	smkp	SMFBDCNT
26378	670a	smkp	SMFBDOS
26379	670b	smkp	SMFPCPTO
26380	670c	smkp	SMFPCREA
26381	670d	smkp	SMFPCWGET
26382	670e	smkp	SMFPCBMSGR
26383	670f	smkp	SMFPCWAIT
26384	6710	smkp	SMFPC1SND
26385	6711	smkp	SMFPC2SND
26386	6712	smkp	SMFPCMR
26387	6713	smkp	SMFPCWMF
26388	6714	smkp	SMFPCWMT
26389	6715	smkp	SMFPCSWR
26390	6716	smkp	SMFPC TMR
26391	6717	smkp	SMFPC MNF
26392	6718	smkp	SMFPCINP
26393	6719	smkp	SMFPCOSWT
26394	671a	smkp	SMFPCSWE
26395	671b	smkp	SMFPCCTO
26396	671c	smkp	SMFPCINSIDE
26397	671d	smkp	SMFPCDDUPDT
26398	671e	smkp	SMPOSND
26399	671f	smkp	SMPINV
26400	6720	smkp	SMPBDMSG
26401	6721	smkp	SMPBDACK
26402	6722	smkp	SMPACK
26403	6723	smkp	SMPAUST
26404	6724	smkp	SMPBDCNT
26405	6725	smkp	SMPBDOS
26406	6726	smkp	SMPPCREA
26407	6727	smkp	SMPPCWGET
26408	6728	smkp	SMPPCBMSGR
26409	6729	smkp	SMPPCWAIT
26410	672a	smkp	SMPPC1SND
26411	672b	smkp	SMPPC2SND
26412	672c	smkp	SMPPCMRR
26413	672d	smkp	SMPPCWMF
26414	672e	smkp	SMPPCWMT
26415	672f	smkp	SMPPCSWR
26416	6730	smkp	SMPPCTMR
26417	6731	smkp	SMPPCMNF
26418	6732	smkp	SMPPCINP
26419	6733	smkp	SMPPCOSWT
26420	6734	smkp	SMPPCSWE
26421	6735	smkp	SMFPCTIME

26422	6736	smkp	SMFPCNOACT
26423	6737	smkp	SMFPCDDBAD
26500	6784	smkp	SMPIUNITERR
26501	6785	smkp	SMPISIDERR
26502	6786	smkp	SMPIPHYSERR
26503	6787	smkp	SMPIITYERR
26504	6788	smkp	SMPIFROMERR
26505	6789	smkp	SMPIACTIONERR
26506	678a	smkp	SMPISENDMSGERR
26507	678b	smkp	SMPIGETMSGERR
26508	678c	smkp	SMPIREASERR
26509	678d	smkp	SMPISEWAIT
26510	678e	smkp	SMPIERRTYPE
26511	678f	smkp	SMPIOSELENGTH
26512	6790	smkp	SMPIEVCLERR
26513	6791	smkp	SMPIAQERR
26514	6792	smkp	SMPIREADERR
26515	6793	smkp	SMPISRCERR
26516	6794	smkp	SMPIBMSG
26517	6795	smkp	SMPIWRITERR
26518	6796	smkp	SMPIINVDGN
26519	6797	smkp	SMPIPTO
26520	6798	smkp	SMPIBDACK
26521	6799	smkp	SMPIACK
26522	679a	smkp	SMPIPURGE
26523	679b	smkp	SMPIIMATEGET
26524	679c	smkp	SMPISWINSANE
26525	679d	smkp	SMPICONTO
26526	679e	smkp	SMPIINVMSG
26527	679f	smkp	SMPIWGTERR
26528	67a0	smkp	SMPIITMERR
26529	67a1	smkp	SMPIRDWRERR
26530	67a2	smkp	SMPIINVABT
26531	67a3	smkp	SMPIUPDTERR
26532	67a4	smkp	SMPIBMSGLENGTH
26533	67a5	smkp	SMPIOSSNDMSGERR
26534	67a6	smkp	SMPIRDERR
26535	67a7	smkp	SMPIWTERR
26536	67a8	smkp	SMC5TPIP
26537	67a9	smkp	SMPICRETBAD
26538	67aa	smkp	SMPICRETBAD
26539	67ab	smkp	SMPICEVTNOERR
26540	67ac	smkp	SMPICLEACCESS
26541	67ad	smkp	SMPICLEBADMSG
26542	67ae	smkp	SMPIITMCMPIH
26543	67af	smkp	SMPIRDEVER
26544	67b0	smkp	SMPINODDACK
26545	67b1	smkp	SMPIRSNERR
26546	67b2	smkp	SMINV_CMP
26600	67e8	smkp	SMNCINST
26601	67e9	smkp	SMNCINSD
26602	67ea	smkp	SMNCINREF
26603	67eb	smkp	SMNCINMD
26604	67ec	smkp	SMNCINUN
26605	67ed	smkp	SMNCIIAAC
26606	67ee	smkp	SMNCINEN
26607	67ef	smkp	SMNCINMS
26608	67f0	smkp	SMNCSPCM
26609	67f1	smkp	SMNCRDCL
26610	67f2	smkp	SMNCADPR
26611	67f3	smkp	SMNCADSR
26612	67f4	smkp	SMNCADXR
26613	67f5	smkp	SMNCBDVR
26614	67f6	smkp	SMNCINAC
26615	67f7	smkp	SMNCFRAC
26616	67f8	smkp	SMNCFRRC
26617	67f9	smkp	SMNCTTYO
26618	67fa	smkp	SMNCRITL
26619	67fb	smkp	SMNCRIPS
26620	67fc	smkp	SMNCRISS
26621	67fd	smkp	SMNCRIXS
26622	67fe	smkp	SMNCRIRP

26623	67ff	smkp	SMNCRICS
26624	6800	smkp	SMNCRICE
26625	6801	smkp	SMNCRRER
26626	6802	smkp	SMNCWTUN
26627	6803	smkp	SMNCINQ1
26628	6804	smkp	SMNCINQ2
26629	6805	smkp	SMNCDATA
26630	6806	smkp	SMNCINBS
26631	6807	smkp	SMNCBDRT
26632	6808	smkp	SMNCIASD
26633	6809	smkp	SMNCDBUN
26634	680a	smkp	SMRCSPRD
26635	680b	smkp	SMRCENCI
26636	680c	smkp	SMRCINER
26637	680d	smkp	SMRCINEC
26638	680e	smkp	SMRCINRM
26639	680f	smkp	SMUNKOPTMS
26640	6810	smkp	SMERCATTMS
26641	6811	smkp	SMNULLREATMS
26642	6812	smkp	SMBADACTTMS
26643	6813	smkp	SMBADTMSFUNC
26644	6814	smkp	SMBADUNITTMS
26645	6815	smkp	SM2WAYTMS
26646	6816	smkp	SMDBCTSTMS
26647	6817	smkp	SMIMCTSTMS
26648	6818	smkp	SMQCNTTMS
26649	6819	smkp	SMBADNEQTMS
26650	681a	smkp	SMSLNKTMS
26651	681b	smkp	SMSETLNKTMS
26652	681c	smkp	SMDBEQTMS
26653	681d	smkp	SMLV1IATMS
26654	681e	smkp	SMLV0IATMS
26655	681f	smkp	SMFABRSTTMS
26656	6820	smkp	SMTMSDLK
26657	6821	smkp	SMDBLNKTMS
26658	6822	smkp	SMOSRTMS
26659	6823	smkp	SMHMTMS
26660	6824	smkp	SMUNKFUNTMS
26661	6825	smkp	CHBUGINITYPE
26662	6826	smkp	CHBUGERRTYPE
26663	6827	smkp	CHBUGUNIT
26664	6828	smkp	CHBUGAQUAL
26665	6829	smkp	CHBUGACTION
26666	682a	smkp	CHBUGCLASS
26667	682b	smkp	CHBUGSMTYPE
26668	682c	smkp	CHBUGSMRTN
26669	682d	smkp	CHBUGEID
26670	682e	smkp	CHBUGCSTENTRY_
26671	682f	smkp	CHBUGREAD
26672	6830	smkp	CHBUGSTATE
26673	6831	smkp	CHBUGTOCAD
26674	6832	smkp	CHBUGSIDE
26675	6833	smkp	CHBUGNCCRTN
26676	6834	smkp	CHBUGMMSTATE
26677	6835	smkp	CHBUGOOSERR
26678	6836	smkp	CHBUGPF
26679	6837	smkp	CHBUGWRITE
26680	6838	smkp	CHBUGSMNUM
26681	6839	smkp	CHBUGTOIIA
26682	683a	smkp	CHBUGUDGR
26683	683b	smkp	SMLIBSWINIT
26684	683c	smkp	SMLIBACT
26685	683d	smkp	SMLIBSNT
26686	683e	smkp	SMLIBCC
26687	683f	smkp	SMLIBSTR
26688	6840	smkp	SMLIBCNTR
26689	6841	smkp	SMLIBTYM
26690	6842	smkp	SMLIBVINT
26691	6843	smkp	SMMIBSWINIT
26692	6844	smkp	SMMIBACT
26693	6845	smkp	SMMIBSNT
26694	6846	smkp	SMMIBCC

26695	6847	smkp	SMMIBSIDE
26696	6848	smkp	SMMIBREQ
26697	6849	smkp	SMMIBCINTR
26698	684a	smkp	SMMIBVINT
26699	684b	smkp	SMMIBSIZE
26700	684c	smkp	SMMIMODFAIL
26701	684d	smkp	SMMIBFORLP
26702	684e	smkp	SMMIBAQCPI
26703	684f	smkp	SMDLI_READ
26704	6850	smkp	SMDLIWRTE
26705	6851	smkp	SMDLI_SIDE
26706	6852	smkp	SMDLIANA
26707	6853	smkp	SMDLIAUTISS
26708	6854	smkp	SMDLISMNO
26709	6855	smkp	SMDLIUNIT
26710	6856	smkp	SMDLIMODDATA
26711	6857	smkp	SMDLIREASON
26712	6858	smkp	SMDLIMSG
26713	6859	smkp	SMDLIDDDATA
26714	685a	smkp	CHBUGEINITYPE
26715	685b	smkp	CHBUGPOSTPARM
26716	685c	smkp	CHBUGEUNIT
26717	685d	smkp	CHBUGEVCAUSE
26718	685e	smkp	CHBUGOSWRTN
26719	685f	smkp	CHBUGESIDE
26720	6860	smkp	CHBUGESMTYPE
26721	6861	smkp	CHBUGOSSRTN
26722	6862	smkp	PIASTST
26723	6863	smkp	PIASTCMD
26724	6864	smkp	PIASTSRC
26725	6865	smkp	PIASTACT
26726	6866	smkp	PIASTELP
26727	6867	smkp	PIASTTRG
26728	6868	smkp	PIASTDBR
26729	6869	smkp	PIASTLLS
26730	686a	smkp	PIASTMSG
26731	686b	smkp	PIASTREA
26732	686c	smkp	SMIPINCDATA
26733	686d	smkp	SMIPNCTMOD
26734	686e	smkp	SMTMSCPAUD
26735	686f	smkp	SMNCUNEX
26736	6870	smkp	CHBUGMSGTYPE
26737	6871	smkp	CHBUGDATA
26738	6872	smkp	SMTMCOMM
26850	68e2	smkp	SMINVRSTRT
26851	68e3	smkp	SMRSCREASON
26852	68e4	smkp	SMRSCARG
26853	68e5	smkp	SMRSISPP
26854	68e6	smkp	SMRSINVMODE
26855	68e7	smkp	SMRSINVSEQST
26856	68e8	smkp	SMRSINVESCAL
26857	68e9	smkp	SMRSTIMEOUT
27000	6978	smkp	SMQGTYPERR

17. 5E12 Numeric Index: 27001-27680

ERROR CODE	PRM CODE	RANGE	MNEMONIC
27001	6979	smkp	SMQGFROMERR
27002	697a	smkp	SMQGGETMSGER
27003	697b	smkp	SMQGREASERR
27005	697d	smkp	SMQGACTIONERR
27006	697e	smkp	SMQGAQERR
27007	697f	smkp	SMQGCADTIMO
27008	6980	smkp	SMQGDDREAD
27009	6981	smkp	SMQGERRTYPE
27010	6982	smkp	SMQGEVCLERR
27011	6983	smkp	SMQGGLIMIT
27012	6984	smkp	SMQGINVDGN
27013	6985	smkp	SMQGOSELENGTH
27014	6986	smkp	SMQGOSSEND
27015	6987	smkp	SMQGPHYSERR

27016	6988	smkp	SMQGREADERR
27018	698a	smkp	SMQGSNDMSGERR
27019	698b	smkp	SMQGSRCERR
27020	698c	smkp	SMQGTIMOCAD
27022	698e	smkp	SMQGWITERR
27023	698f	smkp	SMQGUNITERR
27024	6990	smkp	SMQGSIDERR
27025	6991	smkp	SMQGEVTNOERR
27026	6992	smkp	SMQGBADINIT
27027	6993	smkp	SMQGDUPERR
27028	6994	smkp	SMQGBIDATA
27029	6995	smkp	SMQGTQGPH
27030	6996	smkp	SMQGBQGPH
27031	6997	smkp	SMQGTIMERR
27032	6998	smkp	SMQGDTIMER
27033	6999	smkp	SMQGTIMIDX
27035	699b	smkp	SMQGAUPARM
27036	699c	smkp	SMQGSEWAIT
27037	699d	smkp	SMQGDDWRITE
27038	699e	smkp	SMQGTAGERR
27039	699f	smkp	SMWSTQGPTG
27100	69dc	smkp	SMQCDDRDFL
27101	69dd	smkp	SMQCDDWRFL
27102	69de	smkp	SMQCINVLE
27103	69df	smkp	SMQCLESTAT
27104	69e0	smkp	SMQCBRTACK
27105	69e1	smkp	SMQCINVUNIT
27106	69e2	smkp	SMQCINVACT
27107	69e3	smkp	SMQCINVSTATE
27108	69e4	smkp	SMQCDAERR
27110	69e6	smkp	SMQCACTIONERR
27111	69e7	smkp	SMQCPHYSERR
27112	69e8	smkp	SMQLNOMSG
27113	69e9	smkp	SMQLACTERR
27114	69ea	smkp	SMQLEVERR
27115	69eb	smkp	SMQLBADMSG
27116	69ec	smkp	SMQLREADERR
27117	69ed	smkp	SMQLSRCERR
27118	69ee	smkp	SMQLPHYSERR
27119	69ef	smkp	SMQLTIMO
27120	69f0	smkp	SMQLOSELENGTH
27121	69f1	smkp	SMQLGETMSGERR
27122	69f2	smkp	SMQLCREATEERR
27123	69f3	smkp	SMQLINVEP
27124	69f4	smkp	SMQLBADERR
27125	69f5	smkp	SMQLSMINDX
27126	69f6	smkp	SMQLBADTMR
27127	69f7	smkp	SMQLEPINDX
27128	69f8	smkp	SMQLBADACT
27129	69f9	smkp	SMQCQEODD
27130	69fa	smkp	SMQCINVPARAM
27131	69fb	smkp	SMQLALARMERR
27132	69fc	smkp	SMQCODDRD
27133	69fd	smkp	SMQCIMSG
27134	69fe	smkp	SMQCSNDER
27135	69ff	smkp	SMQCUMSG
27136	6a00	smkp	SMQCOSRCV
27137	6a01	smkp	SMQCOSER
27138	6a02	smkp	SMQCPCDER
27139	6a03	smkp	SMQCRSTATE
27140	6a04	smkp	SMQCTOQGP
27141	6a05	smkp	SMQCPSTATE
27142	6a06	smkp	SMQCPPAR
27143	6a07	smkp	SMQCTOFPC
27144	6a08	smkp	SMQCOPQGP
27300	6aa4	tm	TMRETRN
27301	6aa5	tm	TMNORETRN
27302	6aa6	tm	TMCMKP
27303	6aa7	tm	TMRECVW
27304	6aa8	tm	TMSENDPW
27305	6aa9	tm	TMMSGENAB
27306	6aaa	tm	TMGETPORT

27307	6aab	tm	TMUNERR
27308	6aac	tm	TMUNLIST
27309	6aad	tm	TMFC_TRUNK
27310	6aae	tm	TMSTATUS
27311	6aaf	tm	TMCGA1ODD
27313	6ab1	tm	TMNOPORTLA
27314	6ab2	tm	TMBADLIST
27315	6ab3	tm	TMDEL_CON
27316	6ab4	tm	TMWGETMSG
27317	6ab5	tm	TMOSREASON
27318	6ab6	tm	TMOSRESTART
27319	6ab7	tm	TMABTTSK
27320	6ab8	tm	TMGETMSG
27321	6ab9	tm	TMSSENDMSG
27322	6aba	tm	TMOPBADRET
27324	6abc	tm	TMNOCCB
27326	6abe	tm	TMNONREASON
27327	6abf	tm	TMINCRECDATA
27328	6ac0	tm	TMSMIMSEND
27329	6ac1	tm	TMDBAML
27330	6ac2	tm	TMTTSTYPE
27331	6ac3	tm	TMTTSTDATA
27332	6ac4	tm	TMCTP
27333	6ac5	tm	TMTLWSUJOB
27334	6ac6	tm	TMICMTC
27335	6ac7	tm	TMDA_TIMER
27336	6ac8	tm	TMFC_LINE
27338	6aca	tm	TMBADDISC
27339	6acb	tm	TMBADSTATE
27340	6acc	tm	TMCOMMFAIL
27342	6ace	tm	TMUPPAGE
27343	6acf	tm	TMHMACK
27345	6ad1	tm	TMPOSNUM
27348	6ad4	tm	TMBDPTYP
27349	6ad5	tm	TMDFITIMER
27350	6ad6	tm	TMCKTDATA
27351	6ad7	tm	TMRTAFail
27352	6ad8	tm	TMCGAFail
27354	6ada	tm	TMUXPMSG
27355	6adb	tm	TMNOMSG
27356	6adc	tm	TMOOSTMR
27357	6add	tm	TMOHMERR
27358	6ade	tm	TMIHMERR
27360	6ae0	tm	TMINV_DATA
27364	6ae4	tm	TMPORTLA
27366	6ae6	tm	TMPSBADRET
27367	6ae7	tm	TMCP TIMEOUT
27368	6ae8	tm	TMENDTRN
27369	6ae9	tm	TMPPGINFO
27370	6aea	tm	TMUMSGNOR
27372	6aec	tm	TMNOTRAN
27373	6aed	tm	TMSKCN
27376	6af0	tm	TMNOTRKG
27378	6af2	tm	TMLINIT
27379	6af3	tm	TMBADDAY
27380	6af4	tm	TMAPTBADRET
27381	6af5	tm	TMTPCBUF
27382	6af6	tm	TMISPABUF
27383	6af7	tm	TMCFHFAIL
27384	6af8	tm	TMISDBHC
27385	6af9	tm	TMCGASTAT
27387	6afb	tm	TMCGATYPE
27388	6afc	tm	TMPCLL
27389	6afd	tm	TMPSATIMER
27390	6afe	tm	TMBADPOLIST
27391	6aff	tm	TMLNKPTLA
27392	6b00	tm	TMULNKPTLA
27393	6b01	tm	TMLNKPOPH
27394	6b02	tm	TMULNKPOPH
27395	6b03	tm	TMLNKIPH
27396	6b04	tm	TMULNKIPH
27397	6b05	tm	TMLNKBPH

27398	6b06	tm	TMULNKBPB
27399	6b07	tm	TMISINVPORT
27400	6b08	tm	TMNOHIST
27401	6b09	tm	TMPOPHINC
27402	6b0a	tm	TMPOFC_PINC
27406	6b0e	tm	TMCAMATRK
27407	6b0f	tm	TMS96SMTB
27408	6b10	tm	TMS96DIODE
27409	6b11	tm	TMS96DDB
27410	6b12	tm	TMDBWS101
27411	6b13	tm	TMDBTLWS
27413	6b15	tm	TMDDREAD
27414	6b16	tm	TMFRDRLN
27415	6b17	tm	TMNOTIMR
27416	6b18	tm	TMLITDUR
27417	6b19	tm	TMOSLTIME
27418	6b1a	tm	TMBADLIT_TC
27419	6b1b	tm	TMBADPID
27420	6b1c	tm	TMBADMSG
27421	6b1d	tm	TMCGAPTLA
27422	6b1e	tm	TMTERAFAIL
27423	6b1f	tm	TMNOCDBCOM
27424	6b20	tm	TMBADMII
27425	6b21	tm	TMTERAUP
27426	6b22	tm	TMOPNTRN
27427	6b23	tm	TMLITOVFL
27429	6b25	tm	TMRT_FAIL
27430	6b26	tm	TMBADPARM
27431	6b27	tm	TMDTIMER
27433	6b29	tm	TMUNKCLS
27434	6b2a	tm	TMXSMEST
27435	6b2b	tm	TMXPICB
27436	6b2c	tm	TMXPORTLA
27437	6b2d	tm	TMDNTRAN
27438	6b2e	tm	TMOEINFO
27441	6b31	tm	TMMODATT
27442	6b32	tm	TMEQLOC
27443	6b33	tm	TMUXALMTYPE
27445	6b35	tm	TMUXDFITYPE
27446	6b36	tm	TMBR_KEY
27447	6b37	tm	TMBR_TRUNK
27448	6b38	tm	TMTRK_ERR
27449	6b39	tm	TMINVSCOPE
27450	6b3a	tm	TMISSPP
27451	6b3b	tm	TMISCLCNT
27452	6b3c	tm	TMINVPH
27453	6b3d	tm	TMUNEXEVNT
27454	6b3e	tm	TMINVPRI
27455	6b3f	tm	TMINVJOB
27456	6b40	tm	TMDBERRS
27457	6b41	tm	TMGETDPB
27458	6b42	tm	TMUNEXRTN
27459	6b43	tm	TMNOPTYPE
27460	6b44	tm	TMNOMDPATH
27461	6b45	tm	TMBADLPORT
27462	6b46	tm	TMPOSDBERR
27463	6b47	tm	TMBR_PHIST
27464	6b48	tm	TMC_PHIST
27465	6b49	tm	TMPHIST_FULL
27466	6b4a	tm	TMPH_KEY
27467	6b4b	tm	TMERR_PHIST
27468	6b4c	tm	TMBR_LA
27469	6b4d	tm	TMC_PORTLA
27470	6b4e	tm	TMBR_PRTLST
27471	6b4f	tm	TMPRT_FULL
27472	6b50	tm	TMIS_FAIL
27473	6b51	tm	TMERR_PRTLST
27474	6b52	tm	TMBR_PORTTYP
27475	6b53	tm	TMCUR_PORTTYP
27476	6b54	tm	TMERR_PORT
27477	6b55	tm	TMLA_FULL
27478	6b56	tm	TMLA_KEY

27479	6b57	tm	TMERR_LA
27480	6b58	tm	TMDDFAIL
27481	6b59	tm	TMLOOPDBERR
27482	6b5a	tm	TMACTBFAIL
27483	6b5b	tm	TML3PRIMERR
27484	6b5c	tm	TMRMDSLFL
27485	6b5d	tm	TMBADWBPRT
27486	6b5e	tm	TMDPBINV
27487	6b5f	tm	TMSMDCHN
27488	6b60	tm	TMNXTPORT
27489	6b61	tm	TMTTATFAIL
27491	6b63	tm	TMSEGMENT
27492	6b64	tm	TMPOSSDERR
27493	6b65	tm	TMAPBDBERR
27494	6b66	tm	TMDLSDERR
27495	6b67	tm	TMMSGLOSS
27496	6b68	tm	TMDSLRMFAIL
27497	6b69	tm	TMLKTSTTBL
27498	6b6a	tm	TMGETPTSB
27501	6b6d	tm	TMUNK_TIMER
27502	6b6e	tm	TMCOTCHECK
27504	6b70	tm	TMOSFAP
27508	6b74	tm	TMUNK_VALUE
27509	6b75	tm	TMACCSDERR
27510	6b76	tm	TMZOMBIE
27512	6b78	tm	TMTAPOSDBERR
27513	6b79	tm	TMPTRDBERR
27514	6b7a	tm	TMQRYDBERR
27515	6b7b	tm	TMBADDATA
27516	6b7c	tm	TMINVPSTAT
27517	6b7d	tm	TMINVXLDATA
27519	6b7f	tm	XTMSLRLT
27523	6b83	tm	XTMBADMSGEN
27525	6b85	tm	XTMMODATT
27526	6b86	tm	XTMRTR_FAIL
27527	6b87	tm	TMSL2TEC
27529	6b89	tm	XTMNOPTYP
27530	6b8a	tm	TMPCTFERR
27531	6b8b	tm	TMNOTPHPORT
27532	6b8c	tm	TMDNOFCPTUP
27533	6b8d	tm	TMLNOFCPTUP
27534	6b8e	tm	TMTFBADREASON
27535	6b8f	tm	TMISPATPC
27536	6b90	tm	TMAUTEILA
27537	6b91	tm	TMRTA5FAIL
27538	6b92	tm	TMISMPATH
27539	6b93	tm	TMPSTRUNKS
27542	6b96	tm	TMWGMFAIL
27543	6b97	tm	TMWGTFAIL
27553	6ba1	tm	TMNOHCELL
27554	6ba2	tm	TMRISSDERR
27555	6ba3	tm	TMPOSTPERR
27557	6ba5	tm	TMOFFPAR
27558	6ba6	tm	TMILSDPOL
27559	6ba7	tm	TMFC_OPRTK
27561	6ba9	tm	TMRMSDBINIT
27563	6bab	tm	TMCRT_TIMER
27564	6bac	tm	TMREAD_MM
27565	6bad	tm	TMISMRSM
27567	6baf	tm	TMIST_TRUNK
27568	6bb0	tm	TMRDLI
27569	6bb1	tm	TMNOQMSG
27570	6bb2	tm	TMISM_GLOBAL
27571	6bb3	tm	TMBAD_LMSG
27572	6bb4	tm	TMBD_EVNT
27573	6bb5	tm	TMBAD_SMSG
27574	6bb6	tm	TMBD_SM
27575	6bb7	tm	TMBD_ACTN
27576	6bb8	tm	TMBD_DLT_DATA
27577	6bb9	tm	TMBD_JOB
27578	6bba	tm	TMBD_MATESM
27579	6bbb	tm	TMBD_DESTSM

27580	6bbc	tm	TMBDATCN
27581	6bbd	tm	TMICRFT_MSG
27582	6bbe	tm	TMISMHSMDLI
27583	6bbf	tm	TMBD_OOSDLI
27584	6bc0	tm	TMTMS_INTER
27586	6bc2	tm	TMBD_MSG
27587	6bc3	tm	TMIV_REFR
27588	6bc4	tm	TMSDLI
27589	6bc5	tm	TMRTSMBLK
27591	6bc7	tm	TMLOAD_IST
27592	6bc8	tm	TMBD_ISMTYPE
27593	6bc9	tm	TMNOISMPH
27594	6bca	tm	TMDPB4ISM
27595	6bcb	tm	TMISMSSEND
27596	6bcc	tm	TMUNXP_TIMER
27597	6bcd	tm	TMBD_ACK
27598	6bce	tm	TMBD_RESP
27599	6bcf	tm	TMCR_ABRT
27600	6bd0	tm	TMBDIN_MSG
27602	6bd2	tm	TMUNK_SM
27604	6bd4	tm	TM_MODATT
27605	6bd5	tm	TMDALHPTPN
27606	6bd6	tm	TMDATPSTAT
27607	6bd7	tm	TMDASPTPN
27608	6bd8	tm	TMDAMCATPS
27609	6bd9	tm	TMDACATPS
27610	6bda	tm	TMINCPTPN
27611	6bdb	tm	TMINCPTTP
27612	6bdc	tm	TMINCPTLH
27613	6bdd	tm	TMGHCATPS
27614	6bde	tm	TMUNLKLH
27615	6bdf	tm	TMINSTPS
27616	6be0	tm	TMINSPTPN
27617	6be1	tm	TMGETLHD
27618	6be2	tm	TMUPCAMCA
27619	6be3	tm	TMFC_PORTYP
27620	6be4	tm	TMFCPRTERR
27621	6be5	tm	TMX_ISM
27622	6be6	tm	TMCHKSLCPC
27623	6be7	tm	TMSMIDLSTAT
27624	6be8	tm	TMIDLSTAT
27625	6be9	tm	TMIALENDX
27626	6bea	tm	TMIMXJBS
27627	6beb	tm	TMIFNADD
27628	6bec	tm	TMIFNDEL
27629	6bed	tm	TMIFNURT
27630	6bee	tm	TMAQADPERR
27631	6bef	tm	TMAQDAPERR
27632	6bf0	tm	TMAQMODERR
27634	6bf2	tm	TMOPDBPARM
27648	6c00	tm	TMPHRTCONG
27651	6c03	tm	TMFACPROV
27652	6c04	tm	TMSMEST
27653	6c05	tm	TMUPDSMEST
27654	6c06	tm	TMINVPROT
27655	6c07	tm	TMS96EQUIP
27659	6c0b	tm	TMSLEQUIP
27661	6c0d	tm	TMTEDBLNK
27662	6c0e	tm	TMPMUXPMMSG
27663	6c0f	tm	TMINCINTDATA
27664	6c10	tm	TMOSARGUMENT
27665	6c11	tm	TMOSCREATE
27666	6c12	tm	TMOSTIMER
27668	6c14	tm	TMIMTRKG
27669	6c15	tm	TMIMT_KS
27670	6c16	tm	TMIMTCKT
27671	6c17	tm	TMDPBINIT
27672	6c18	tm	TMITDC
27673	6c19	tm	TMITAC
27674	6c1a	tm	TMPSTRK_L2
27675	6c1b	tm	TMITIS
27676	6c1c	tm	TMXDSLEQUIP

27677	6c1d	tm	TMPTRMTPER
27678	6c1e	tm	TMEISSDBERR
27679	6c1f	tm	TMEISSTCHK
27680	6c20	tm	TMEISMSGER

18. 5E12 Numeric Index: 27681-28390

ERROR CODE	PRM CODE	RANGE	MNEMONIC
27681	6c21	tm	TMEISDEBUG
27682	6c22	tm	TMEISDYERR
27683	6c23	tm	TMPORTBUSY
27684	6c24	tm	TMNODSLEQUIP
27685	6c25	tm	TMFACSTAT
27686	6c26	tm	TMNOLPT_PT
27687	6c27	tm	TMNOFC_LINE
27688	6c28	tm	TMNOFC_PORT
27689	6c29	tm	TMNOL_SPID
27690	6c2a	tm	TMNOSPID
27691	6c2b	tm	TMNOPSX25LN
27692	6c2c	tm	TMEQUIPLPT
27693	6c2d	tm	TMCKTLPORT
27694	6c2e	tm	TMODPLPORT
27695	6c2f	tm	TMPPDLPORT
27696	6c30	tm	TMNOCKTSOP
27697	6c31	tm	TMNOODPSOP
27698	6c32	tm	TMNOPPSOP
27699	6c33	tm	TMPORTIS
27700	6c34	tm	TMBLRFULL
27702	6c36	tm	TMEINOREP
27703	6c37	tm	TMETIMOUT
27704	6c38	tm	TMEHBFLR
27705	6c39	tm	TMEPREMT
27706	6c3a	tm	TMEITRSLT
27707	6c3b	tm	TMEIMSGLE
27708	6c3c	tm	TMEPRNVLD
27710	6c3e	tm	TME_MSUNEX
27711	6c3f	tm	TMEI_NORD
27712	6c40	tm	TMBADMAP
27713	6c41	tm	TM_EDDKBD
27714	6c42	tm	TM_EISYSER
27715	6c43	tm	TMEIS_DDUNX
27716	6c44	tm	TMEIS_PSUNX
27717	6c45	tm	TM_DDSMFR
27718	6c46	tm	TM_DDEIFR
27720	6c48	tm	TM3INCDATA
27721	6c49	tm	TMUSNOPRTLA
27722	6c4a	tm	TMELNK_KEY
27723	6c4b	tm	TMEIDSLNRD
27724	6c4c	tm	TMLS_LNK
27725	6c4d	tm	TMLS_GRP
27726	6c4e	tm	TMLGRPMEM
27727	6c4f	tm	TMLNKP_LS
27728	6c50	tm	TMGSM_OPC
27729	6c51	tm	TMLNKGRP
27730	6c52	tm	TMCICLKGRP
27731	6c53	tm	TMDPC_DPCI
27732	6c54	tm	TMDPC_INFO
27733	6c55	tm	TMAPC_INFO
27734	6c56	tm	TMPMTHUD
27735	6c57	tm	TMSDLCOTYP
27740	6c5c	tm	TMSDLLPTYPE
27741	6c5d	tm	TMPORTCOND
27742	6c5e	tm	TMVPIDB
27744	6c60	tm	TMBADSDLREQ
27752	6c68	tm	TMGLUPDERR
27754	6c6a	tm	TMCNTFDASP
27762	6c72	tm	TMEIS_SM
27763	6c73	tm	TMGLEISEQ
27764	6c74	tm	TMUXR_GDCHK
27765	6c75	tm	TMGLESNXPR
27770	6c7a	tm	TMPMFACINT

27773	6c7d	tm	TMINVREQ
27774	6c7e	tm	TMEQUIPPORT
27775	6c7f	tm	TMNOEQUIPDSL
27776	6c80	tm	TMNOGROUP_P
27777	6c81	tm	TMNOLOCEQ
27778	6c82	tm	TMCCSCADN
27779	6c83	tm	TMNOCCODE
27780	6c84	tm	TMNOAMPCI7GR
27781	6c85	tm	TMNOPCI7GR
27782	6c86	tm	TMNOMODATT
27783	6c87	tm	TMNOMTBS96
27784	6c88	tm	TMNOPICB
27785	6c89	tm	TMNOPRT_GRP
27786	6c8a	tm	TMNOFC_TRUNK
27787	6c8b	tm	TMNORC_EQLOC
27788	6c8c	tm	TMNOROUT
27789	6c8d	tm	TMNORT_TRKG
27790	6c8e	tm	TMPC_MSUSG
27791	6c8f	tm	TMPRT6LAB
27792	6c90	tm	TMPRT7LAB
27793	6c91	tm	TMTGRPRK
27804	6c9c	tm	TMUPDCADN
27805	6c9d	tm	TMRDTARD
27806	6c9e	tm	TMGETISMDB
27811	6ca3	tm	TMDF2THRS
27812	6ca4	tm	TMFPMFAIL
27813	6ca5	tm	TMHISDFIPM
27814	6ca6	tm	TMPRTCLS
27815	6ca7	tm	TMERR_DSLEQ
27816	6ca8	tm	TMFTH_LIT
27817	6ca9	tm	TMRLFACPM
27818	6caa	tm	TMPMFACGRP
27820	6cac	tm	TMFACTHRSH
27821	6cad	tm	TMRT2DS1
27822	6cae	tm	TMNOTG2SM
27823	6caf	tm	TMBADTG2SM
27824	6cb0	tm	TMBADCGATYP
27826	6cb2	tm	TMS96ABSIG
27827	6cb3	tm	TMCRT2DS1
27829	6cb5	tm	TMWDBRD_FAIL
27830	6cb6	tm	TMRT_MISC
27831	6cb7	tm	TMRTLAPD
27832	6cb8	tm	TMPROVERR
27833	6cb9	tm	TMPROVUERR
27835	6cbb	tm	TMPMDSLGRP
27836	6cbc	tm	TMPMTHRESH
27837	6cbd	tm	TMLLM_IDCU
27838	6cbe	tm	TMPVMAPINIT
27840	6cc0	tm	TMCKT_PORT
27841	6cc1	tm	TMUNIT_CKT
27846	6cc6	tm	TMSTADDFAIL
27847	6cc7	tm	TMA_NOPID
27848	6cc8	tm	TMPRIINV
27849	6cc9	tm	TMPRI_GRP
27850	6cca	tm	TMDCHN_PRI
27851	6ccb	tm	TMPRI_FACS
27852	6ccc	tm	TMPRISTINV
27858	6cd2	tm	TMAUDPDA
27859	6cd3	tm	TMAUNOTEILA
27860	6cd4	tm	TMAUDALB
27861	6cd5	tm	TMAUAPDU
27862	6cd6	tm	TMAURMSGBUF
27863	6cd7	tm	TMINV_APMTYP
27864	6cd8	tm	TMA_NOSIG
27865	6cd9	tm	TMAUNODALB
27866	6cda	tm	TMDBRDFAIL
27867	6cdb	tm	TMUPDERR
27870	6cde	tm	TMQUEFULL
27871	6cdf	tm	TMFAC_PROV
27872	6ce0	tm	TMAUANQ
27873	6ce1	tm	TMASHTERM
27874	6ce2	tm	TMNODSCNLUP

27875	6ce3	tm	TMGRSORIG
27876	6ce4	tm	TMGRSBUFFUL
27877	6ce5	tm	TMLAB7PRT
27878	6ce6	tm	TM7UBLERR
27879	6ce7	tm	TMOUTCINDX7
27880	6ce8	tm	TMNODS1_PT
27881	6ce9	tm	TMC7ERR
27882	6cea	tm	TME7ERR
27883	6ceb	tm	TMP7ERR
27884	6cec	tm	TMT7ERR
27885	6ced	tm	TMGLRDERR
27886	6cee	tm	TMMC7TZAP
27887	6cef	tm	TMMC7IFAIL
27888	6cf0	tm	TMMC7TFULL
27889	6cf1	tm	TMIPCI7LAB
27890	6cf2	tm	TMGRSFAIL
27891	6cf3	tm	TMTRANBAD
27892	6cf4	tm	TMMCAHPTLA
27893	6cf5	tm	TMGL7ERR
27894	6cf6	tm	TMDCOND
27895	6cf7	tm	TMGDSFFAIL
27896	6cf8	tm	TMCGALIST
27897	6cf9	tm	TMCGACKT
27898	6cfa	tm	TMCGAPORT
27899	6cfb	tm	TMCGAC2R
27900	6cfc	tm	TMCGAREL
27901	6cfd	tm	TMCGABLIST
27902	6cfe	tm	TMAUSMEST
27903	6cff	tm	TMNOCKTDATA
27906	6d02	tm	TMRPCU2NDN
27907	6d03	tm	TMAULLM_RDT
27908	6d04	tm	TMRDT2UNIT
27913	6d09	tm	TMDS12RT
27914	6d0a	tm	TMPMUNIT2RDT
27915	6d0b	tm	TMUNIT2RDT
27916	6d0c	tm	TMCFRDT2UNIT
27917	6d0d	tm	TMULNKTMR
27918	6d0e	tm	TMLNKTMR
27919	6d0f	tm	TMIDLETMR
27920	6d10	tm	TMBADTMR
27921	6d11	tm	TMGETTMR
27922	6d12	tm	TMOSTMR
27923	6d13	tm	TMPRT_PCIFAIL
27924	6d14	tm	TMRC_TRKFAIL
27925	6d15	tm	TMRC_TKTXCFAIL
27926	6d16	tm	TMAUUNIT2RDT
27927	6d17	tm	TMPORTLA_DATA
27928	6d18	tm	TMNO_BSERV
27929	6d19	tm	TMAMPCI7GR
27930	6d1a	tm	TMPRISTAT_DATA
27931	6d1b	tm	TMTEILA_DATA
27932	6d1c	tm	TMC7CADNFAIL
27933	6d1d	tm	TMPRIST_ERR
27934	6d1e	tm	TMXAMPCI7GR
27935	6d1f	tm	TMINHCORC
27936	6d20	tm	TMINVCLLI
28000	6d60	up	UPIMTVSV
28001	6d61	up	UPIMDESV
28002	6d62	up	UPIMHSER
28003	6d63	up	UPBADMH
28004	6d64	up	UPDFADRER
28005	6d65	up	UPIMCDTVM
28006	6d66	up	UPIMCTTVM
28007	6d67	up	UPIMCTX
28008	6d68	up	UPIMCHMM
28009	6d69	up	UPIMCHADR
28010	6d6a	up	UPIMCHEQU
28011	6d6b	up	UPIMCH2K
28012	6d6c	up	UPIMCDA
28013	6d6d	up	UPIMRIBH
28014	6d6e	up	UPIMRBIH
28015	6d6f	up	UPIMRRBH

28016	6d70	up	UPIMRD
28017	6d71	up	UPIMRIL
28018	6d72	up	UPCPLIST
28019	6d73	up	UPIMLIST
28020	6d74	up	UPFAPFAIL
28021	6d75	up	UPPHMSGERR
28022	6d76	up	UPBADCKT
28023	6d77	up	UPBADPICB
28024	6d78	up	UPPHN2PH
28025	6d79	up	UPCKT2CX
28026	6d7a	up	UPBADADDR
28027	6d7b	up	BADSMPADDR
28028	6d7c	up	UPBADMODE
28029	6d7d	up	UPODRULK
28030	6d7e	up	UPUNITCKT
28031	6d7f	up	UPCKTDATA
28032	6d80	up	UPBADSMEST
28033	6d81	up	UPBADSTAT
28034	6d82	up	UPDNCKT
28035	6d83	up	UPSMEST
28036	6d84	up	UPTMXMSG
28100	6dc4	ut	UTLAST
28125	6ddd	ama	AMBADMSG
28126	6dde	ama	AMREASERR
28127	6ddf	ama	AMTIMETOL
28128	6de0	ama	AMINVRSN
28129	6de1	ama	AMINVMMSG
28130	6de2	ama	AMIMBUFFPTR
28131	6de3	ama	AMIMENTRY
28132	6de4	ama	AMIMINVSCM
28133	6de5	ama	AMCPIVSEMSG
28134	6de6	ama	AMCPRECSLOST
28135	6de7	ama	AMCPTRSTATE
28136	6de8	ama	AMCPWRSTATE
28137	6de9	ama	AMCPSQSTATE
28138	6dea	ama	AMCPTPSPP
28139	6deb	ama	AMWTSAMEMPTR
28140	6dec	ama	AMRDSAMEMPTR
28141	6ded	ama	AMSEDESTBAD
28142	6dee	ama	AMBCSTINUSE
28143	6def	ama	AMBCSTFAIL
28144	6df0	ama	AMBADDTRIG
28145	6df1	ama	AMTRTOFAIL
28146	6df2	ama	AMMDRGPBAD
28147	6df3	ama	AMMDRSMAPID
28148	6df4	ama	AMMDRQADD
28149	6df5	ama	AMMDRQDIST
28150	6df6	ama	AMMDRAMAPID
28151	6df7	ama	AMLPTFRD
28152	6df8	ama	AMINVFCA
28153	6df9	ama	AMFCAXIT
28164	6e04	ama	AMINVLCOMB
28165	6e05	ama	AMKINVMSG
28166	6e06	ama	AMKBADPTRS
28167	6e07	ama	AMKINVRSN
28168	6e08	ama	AMKNOPVC
28169	6e09	ama	AMKNOLDVC
28170	6e0a	ama	AMKINVTMR
28171	6e0b	ama	AMKMDRMERR
28172	6e0c	ama	AMKSNDERR
28173	6e0d	ama	AMKINVRATE
28174	6e0e	ama	AMKINVSGSZ
28175	6e0f	ama	AMINVLCC
28176	6e10	ama	AMINVRCL
28177	6e11	ama	AMNSBADCODE
28180	6e14	ama	AMVMRNG
28184	6e18	ama	AMINVDATA
28185	6e19	ama	AMBADRTBM
28198	6e26	ama	AMAICRFULL
28199	6e27	ama	AMAINVTIMER
28200	6e28	ama	AMASETIMER
28202	6e2a	ama	AMCNDFUP

28217	6e39	ama	AMFRDTUPFAIL
28218	6e3a	ama	AMKINVDNIC
28219	6e3b	ama	AMICIXSTFST
28220	6e3c	ama	AMICIXNXT
28221	6e3d	ama	AMCNDFIN
28222	6e3e	ama	AMCNDFDL
28223	6e3f	ama	AMCNDSTFST
28224	6e40	ama	AMCNDSTNXT
28225	6e41	ama	AMFCLNFRD
28226	6e42	ama	AMLTPTFRD
28227	6e43	ama	AMLASSEV
28228	6e44	ama	AMCNDDA
28229	6e45	ama	AMCNDFRD
28231	6e47	ama	AMBADSCFAM
28234	6e4a	ama	AMDNWATSFAL
28238	6e4e	ama	AMCPNBNCNT
28239	6e4f	ama	AMPSX25LN
28240	6e50	ama	AMPSBILLDN
28241	6e51	ama	AMOFFICECODE
28242	6e52	ama	AMODBERR
28243	6e53	ama	AMLASST
28244	6e54	ama	AMSDALTM
28245	6e55	ama	AMSCALTM
28246	6e56	ama	AMSCRLTM
28247	6e57	ama	AMSCFLTM
28248	6e58	ama	AMISTMSTFST
28249	6e59	ama	AMISTMNXT
28250	6e5a	ama	AMINSPFIN
28251	6e5b	ama	AMINSPDA
28252	6e5c	ama	AMINSPFDL
28253	6e5d	ama	AMINPCNT
28255	6e5f	ama	AMEDSLSTFST
28256	6e60	ama	AMEDSLNXT
28257	6e61	ama	AMPCNMFIN
28258	6e62	ama	AMPCNAM
28259	6e63	ama	AMPCNMFDL
28260	6e64	ama	AMPCNMCNT
28261	6e65	ama	AMEDSLFRD
28279	6e77	ama	AMPMDRAPID
28280	6e78	ama	AMBCLFRD
28281	6e79	ama	AMBCGFRD
28282	6e7a	ama	AMBCLSTFST
28283	6e7b	ama	AMBCGSTFST
28284	6e7c	ama	AMBCLFDL
28285	6e7d	ama	AMBCGFDL
28286	6e7e	ama	AMBCLFUP
28287	6e7f	ama	AMBCGFUP
28288	6e80	ama	AMBCLSTNXT
28289	6e81	ama	AMBCGSTNXT
28290	6e82	ama	AMBCLFIN
28291	6e83	ama	AMBCGFIN
28292	6e84	ama	AMBCLDA
28293	6e85	ama	AMBCGDA
28294	6e86	ama	AMLTMNXT
28295	6e87	ama	AMMHTGNXT
28296	6e88	ama	AMLTMFST
28297	6e89	ama	AMMHTGFST
28299	6e8b	ama	AMCNAMFUP
28300	6e8c	ama	AMCNAMFIN
28301	6e8d	ama	AMCNAMUFUP
28302	6e8e	ama	AMCNAMFDL
28303	6e8f	ama	AMCNMSTFST
28304	6e90	ama	AMCNMSTNXT
28305	6e91	ama	AMFCCNMFRD
28306	6e92	ama	AMLTMCNFRD
28307	6e93	ama	AMCNAMDA
28308	6e94	ama	AMCNAMFRD
28309	6e95	ama	AMCNAMINT
28310	6e96	ama	AMCNAMERR
28311	6e97	ama	AMCNAMDB
28312	6e98	ama	AMKNOBDN
28313	6e99	ama	AMKUMTYP

28315	6e9b	ama	AMFRDMHTG
28321	6ea1	ama	AMOSPDAGT
28324	6ea4	ama	AMCWPTRD
28326	6ea6	cra	CRA_1_ASRT
28327	6ea7	cra	CRA_2_ASRT
28328	6ea8	cra	CRA_3_ASRT
28330	6eaa	cra	CRA_5_ASRT
28332	6eac	cra	CRA_7_ASRT
28334	6eae	cra	CRA_FF_BCI
28336	6eb0	cra	CRA_11_ASRT
28337	6eb1	cra	CRA_12_ASRT
28338	6eb2	cra	CRA_13_ASRT
28339	6eb3	cra	CRA_14_ASRT
28340	6eb4	cra	CRA_15_ASRT
28341	6eb5	cra	CRA_16_ASRT
28343	6eb7	cra	CRACRIDX
28345	6eb9	cra	CRA_20_ASRT
28346	6eba	cra	CRA_21_ASRT
28347	6ebb	cra	CRA_22_ASRT
28353	6ec1	cra	CRA_28_ASRT
28354	6ec2	cra	CRA_29_ASRT
28380	6edc	cra	CRAUXDAGT
28382	6ede	cra	CRBNSIDX
28383	6edf	cra	CRBNSBILL
28384	6ee0	cra	CRBQRYCNT
28385	6ee1	cra	CRINNSBL
28387	6ee3	cra	CRAUXEXRS
28388	6ee4	cra	CRAUXFARI
28389	6ee5	cra	CRAUXFATI
28390	6ee6	cra	CRAUXLOSP

19. 5E12 Numeric Index: 28391-29290

ERROR CODE	PRM CODE	RANGE	MNEMONIC
28391	6ee7	cra	CRAUXOOR
28392	6ee8	cra	CRAUXUOSP
28393	6ee9	cra	CRBADARG
28394	6eea	cra	CRINSDYN
28395	6eeb	cra	CROSPDAGT
28396	6eec	cra	CROSPEXRS
28397	6eed	cra	CROSPFARI
28398	6eee	cra	CROSPFATI
28399	6eef	cra	CRRGLPRM
28400	6ef0	cra	CRUGLPRM
28401	6ef1	cra	CRDELDYN
28402	6ef2	cra	CRA_4_ASRT
28403	6ef3	cra	CRA_6_ASRT
28404	6ef4	cra	CRA_8_ASRT
28405	6ef5	cra	CRA_10_ASRT
28406	6ef6	cra	CRA_23_ASRT
28407	6ef7	cra	CRA_24_ASRT
28408	6ef8	cra	CRA_25_ASRT
28409	6ef9	cra	CRA_26_ASRT
28410	6efa	cra	CRA_27_ASRT
28411	6efb	cra	CRA_30_ASRT
28412	6efc	cra	CRBCR_NS
28414	6efe	cra	CROCRGET
28415	6eff	cra	CRGETPCBLA
28575	6f9f	opsp	SIOPSMFAIL
28576	6fa0	opsp	SIOPINVKEY
28577	6fa1	opsp	SIOPINVREAS
28578	6fa2	opsp	SIOPWMFAIL
28579	6fa3	opsp	SIOPUNMSG
28580	6fa4	opsp	SIOPINVSTATE
28581	6fa5	opsp	SIOPBBUSY
28582	6fa6	opsp	SIOPBREADY
28583	6fa7	opsp	SIOPBSETUP
28584	6fa8	opsp	SIOPBFINIT
28585	6fa9	opsp	SIOPBFMPMP
28586	6faa	opsp	SIOPINVCC
28588	6fac	opsp	SIOPMSGID

28589	6fad	opsp	SIOPHSRGBAD
28590	6fae	opsp	SIOPPRSTATE
28592	6fb0	opsp	SIOFLBAD
28593	6fb1	opsp	SIOPDDFAIL
28594	6fb2	opsp	SIOPRNGFAIL
28595	6fb3	opsp	SIOPDBBAD
28596	6fb4	opsp	SITERMREAS
28597	6fb5	opsp	SIOPREQTYPINV
28598	6fb6	opsp	IN2KALIGN
28599	6fb7	opsp	SIBADOPTYPE
28600	6fb8	opsp	SINIPINVODRID
28775	7067	ccs	CCSP_ENTRY
28776	7068	ccs	CCMG_BAD
28777	7069	ccs	CCNM_BAD
28778	706a	ccs	CCDATA_BAD
28779	706b	ccs	CCDARI_BAD
28780	706c	ccs	CCCHKOPEN
28781	706d	ccs	CCCHIOCTL
28782	706e	ccs	CCCHGWBUF
28783	706f	ccs	CCCHRECV
28784	7070	ccs	CCCHXMIT
28785	7071	ccs	CCCHRTN
28786	7072	ccs	CCDDW_BAD
28787	7073	ccs	CCMSGQFAIL
28788	7074	ccs	CCBADDTRG
28789	7075	ccs	CCNOBUF
28790	7076	ccs	CCDDFAIL
28791	7077	ccs	CCFAPRET
28792	7078	ccs	CCNOTQ
28793	7079	ccs	CCNOTMR
28794	707a	ccs	CCDBERR
28795	707b	ccs	CCBADSTATE
28796	707c	ccs	CCBADMSG
28797	707d	ccs	CCP6LABERR
28798	707e	ccs	CCBADUPART
28799	707f	ccs	CCP7LABERR
28800	7080	ccs	CCBADDATA
28801	7081	ccs	CCNORPB
28802	7082	ccs	CCLABP7ERR
28803	7083	ccs	CCOS_BAD
28804	7084	ccs	CCCLASS_BAD
28805	7085	ccs	CCPORTBAD
28806	7086	ccs	CCFOWNPC
28807	7087	ccs	CCDESTROY
28808	7088	ccs	CCUNKTDTP
28809	7089	ccs	CCBADLEN
28810	708a	ccs	CCBADDPC
28811	708b	ccs	CCSND_KILL
28812	708c	ccs	CCNOLINK
28813	708d	ccs	CCSLTEST
28814	708e	ccs	CCNO_TDTP
28815	708f	ccs	CCSND_NOKILL
28816	7090	ccs	CCPTDP
28817	7091	ccs	CCLS_STAT
28818	7092	ccs	CCLNK_STAT
28819	7093	ccs	CCPCLSLNK
28820	7094	ccs	CCDPC_STAT
28821	7095	ccs	CCLNK_NF
28822	7096	ccs	CCLKTSTTBL
28823	7097	ccs	CCQPHWQERR
28824	7098	ccs	CCS7MDB
28825	7099	ccs	CCTRANSER
28835	70a3	ccs	CCINIT_BAD
28836	70a4	ccs	CCDBPORTYP_BAD
28837	70a5	ccs	CCNOTERMPROC
28838	70a6	ccs	CCNOCCSMMSG
28839	70a7	ccs	CCIS6MSG_BAD
28840	70a8	ccs	CCISUPMSG_BAD
28841	70a9	ccs	CCDBLAB6_BAD
28842	70aa	ccs	CCRETCODE_BAD
28843	70ab	ccs	CCDBPCI_BAD
28844	70ac	ccs	CCAMTOUP_BAD

28845	70ad	ccs	CCDPC_ORDER
28846	70ae	ccs	CCIMS3BRD
28847	70af	ccs	CCIMS3BWT
28848	70b0	ccs	CCIMSBFR
28849	70b1	ccs	CCIMSOPEN
28850	70b2	ccs	CCIMSWRT
28851	70b3	ccs	CCIPMHD
28852	70b4	ccs	CCOSWAKE
28853	70b5	ccs	CCOS_DEL
28854	70b6	ccs	CCTRSPENT
28855	70b7	ccs	CCRNBOFV
28857	70b9	ccs	CCPSIU_FAIL
28858	70ba	ccs	CCXNOMSG
28859	70bb	ccs	CCNONREASON
28861	70bd	ccs	CCADSIIENT
28862	70be	ccs	CCADSIUMSG
28863	70bf	ccs	CCDSICRPT
28864	70c0	ccs	CCDSIIENT
28865	70c1	ccs	CCDSIINSPRC
28866	70c2	ccs	CCDSIUSG
28867	70c3	ccs	CCJBUFBAD
28868	70c4	ccs	CCBADEVENT
28869	70c5	ccs	CCBADJOB
28870	70c6	ccs	CCMSGNSENT
28871	70c7	ccs	CCNORESP
28872	70c8	ccs	CCBADODD
28873	70c9	ccs	CCNOPHUPD
28876	70cc	ccs	CCDDBINIT
28877	70cd	ccs	CCDDBMPRO
28878	70ce	ccs	CCDDBMSG
28879	70cf	ccs	CCDDBOPER
28880	70d0	ccs	CCDDBRCMP
28881	70d1	ccs	CCDDBRELID
28882	70d2	ccs	CCDDBUNPRO
28883	70d3	ccs	CCNOBFR
28884	70d4	ccs	CCNOQUE
28885	70d5	ccs	CCTRIG_BREL
28886	70d6	ccs	CCTRIG_ROP
28887	70d7	ccs	CCSND1TTY
28888	70d8	ccs	CCSND2TTY
28889	70d9	ccs	CCSND3TTY
28890	70da	ccs	CCHMACK
28892	70dc	ccs	CCUXPMMSG
28893	70dd	ccs	CCSLMTST
28894	70de	ccs	CCRLMDPATH
28895	70df	ccs	CCNRESTTY
28896	70e0	ccs	CCNMSGTTY
28897	70e1	ccs	CCCTPTTY
28898	70e2	ccs	CCUXPTTY
28899	70e3	ccs	CCBADTTY
28900	70e4	ccs	CCBADFC_TRUNK
28907	70eb	ccs	XCCSBADMSG
28909	70ed	ccs	CCMGTYPE_BAD
28910	70ee	ccs	CCDBLAB7_BAD
28911	70ef	ccs	CCLAB6PCI
28912	70f0	ccs	CCDSISND
28915	70f3	ccs	CCQPHUNINIT
28918	70f6	ccs	CCUPDSTPDB
28919	70f7	ccs	CCRDTP
28920	70f8	ccs	CCNODLNMSG
28921	70f9	ccs	CCDBTC_AP
28922	70fa	ccs	CCDBTC_SS
28923	70fb	ccs	CCTCBLEN
28924	70fc	ccs	CCSSNIS
28925	70fd	ccs	CCSSNOOS
28935	7107	ccs	CCQSLSNOMATCH
28936	7108	ccs	CC_CCSSTPDB
28937	7109	ccs	CC_SNDISSETUP
28944	7110	ccs	CCOSRETURN
28947	7113	ccs	CCNO_SCMG
28953	7119	ccs	CCBADRC
28954	711a	ccs	CCSTATE_INVL

28956	711c	CCS	CCDCSIBADENTRY
28970	712a	CCS	CCBADAPXMSG
28972	712c	CCS	CCLSLNK
28973	712d	CCS	CCWBTBLOCK
28974	712e	CCS	CCDCSIBDEVNT
28975	712f	CCS	CCDPCTAB
28976	7130	CCS	CCLSTAB
28977	7131	CCS	CCINVMMSG
28978	7132	CCS	CCBAD_COS
28979	7133	CCS	CCQPHODDBAD
28981	7135	CCS	CCBADTID
28982	7136	CCS	CCBADACT
28983	7137	CCS	CCBADICT
28984	7138	CCS	CCODDBAD
28985	7139	CCS	CCTBLFUL
28986	713a	CCS	CCOSBCSTFAIL
28987	713b	CCS	CCBADKEY
28988	713c	CCS	CCRETRN
28992	7140	CCS	CCTYP_CI_CALL
29000	7148	CCS	CCCRBAD
29001	7149	CCS	CCCRBADN
29002	714a	CCS	CCNONALNK
29006	714e	CCS	CCGETRDB
29007	714f	CCS	CCGETXPT
29008	7150	CCS	CCGETRST
29010	7152	CCS	CCRDBXPT
29011	7153	CCS	CCRDBRST
29013	7155	CCS	CCRDBMDB
29014	7156	CCS	CCMDBLSS
29015	7157	CCS	CCLSSMDB
29020	715c	CCS	CCUNINIT
29021	715d	CCS	CCINVCONV
29022	715e	CCS	CCSSBAD
29023	715f	CCS	CCTCSCCP
29024	7160	CCS	CCTCTRANS
29025	7161	CCS	CCTCCOMP
29026	7162	CCS	CCNOGSMRQ
29027	7163	CCS	CCPROTERR
29031	7167	CCS	CCVERBER
29032	7168	CCS	CCBADPSUEVNT
29033	7169	CCS	CCBADREQ
29035	716b	CCS	CCSNDBAD
29037	716d	CCS	CCAPXBADDATA
29038	716e	CCS	CCADDLSMCC
29039	716f	CCS	CCDELLSMCC
29040	7170	CCS	CCDSLEQUIP
29041	7171	CCS	CCINVLSDF
29042	7172	CCS	CCHMMCCMUPD
29043	7173	CCS	CCINVMCCACT
29045	7175	CCS	CCITT7LSMCC
29046	7176	CCS	CCMCCSTATE
29047	7177	CCS	CCPORTLA
29049	7179	CCS	CCOFF_PAR
29050	717a	CCS	CCINVPAGE
29051	717b	CCS	CCT7NOTLOADED
29052	717c	CCS	CCINVGSM
29053	717d	CCS	CCGSMNET
29054	717e	CCS	CCNETGSM
29055	717f	CCS	CCILSDPOL
29056	7180	CCS	CCPRST_BAD
29057	7181	CCS	CCTFPR_DPC
29058	7182	CCS	CCPHRDERR
29059	7183	CCS	CCS7PSA
29060	7184	CCS	CCDBPRT_PCI_BAD
29061	7185	CCS	CCDBRT_TRKG_BAD
29062	7186	CCS	CCSIGTYPE_RT_TRKG
29063	7187	CCS	CCHMMCCUPD
29064	7188	CCS	CCINVMCFLAG
29065	7189	CCS	CCHMMCCPT
29066	718a	CCS	CCALLOCERR
29067	718b	CCS	CCQUEUEMNERR
29068	718c	CCS	CCSRETURN

29069	718d	ccs	CCNTFYFAIL
29070	718e	ccs	CCFCCC_ISC
29071	718f	ccs	CCSDNBRET
29072	7190	ccs	CCINCLS
29073	7191	ccs	CCINCLNK
29080	7198	ccs	CCGSMPTERR
29081	7199	ccs	CCBADSRCH
29083	719b	ccs	CCBADCPSTATE
29084	719c	ccs	CCSSDSP_ENTRY
29085	719d	ccs	CCSSD_FULL
29086	719e	ccs	CCSSD_OSWBAD
29087	719f	ccs	CCSSD_TAGBAD
29088	71a0	ccs	CCSDAU_SPP
29089	71a1	ccs	CCSDRQ_SPP
29090	71a2	ccs	CCNOCHKINTMR
29091	71a3	ccs	CCMTPINITFAIL
29092	71a4	ccs	CCDATIMER
29094	71a6	ccs	CCLGRPMEM
29096	71a8	ccs	CCCLS_STAT
29097	71a9	ccs	CCCKTCDDIG
29098	71aa	ccs	FCPCC_CC
29099	71ab	ccs	CCBLNDAS
29100	71ac	ccs	CCBGRPNET
29101	71ad	ccs	CCBNETGRP
29102	71ae	ccs	CCLNBRET
29103	71af	ccs	CCLNPKG
29104	71b0	ccs	CCSDNPKG
29105	71b1	ccs	CCASPNLOAD
29106	71b2	ccs	CCUNEXP_STATE
29107	71b3	ccs	CCBADNS_TN
29108	71b4	ccs	CCINVSLSTAT
29109	71b5	ccs	CCINVSDL
29110	71b6	ccs	CCGSMTBL
29111	71b7	ccs	CCDLNINV
29113	71b9	ccs	CCFIXITY
29114	71ba	ccs	CCMPCTABL
29115	71bb	ccs	CCMSGVAL
29121	71c1	ccs	CCCLDNOA
29122	71c2	ccs	CCINVCFCOS
29123	71c3	ccs	CCINVCIRCODE
29124	71c4	ccs	CCSIG_CICALL
29125	71c5	ccs	CCINVROLE
29127	71c7	ccs	CCGETDPB
29128	71c8	ccs	CCMDUNKACT
29129	71c9	ccs	CCAODRBAD
29130	71ca	ccs	CCRDICCSST
29131	71cb	ccs	CCDBSYSERR
29132	71cc	ccs	CCACBADMSG
29133	71cd	ccs	CCTMMC7SNDRET
29134	71ce	ccs	CCPKTINVAL
29135	71cf	ccs	CCSCVERE
29136	71d0	ccs	CCNMMGBBK
29137	71d1	ccs	CCTRANBAD
29138	71d2	ccs	CCZOMBIE
29139	71d3	ccs	CCTPTBDP
29140	71d4	ccs	CCMBG2BG
29141	71d5	ccs	CCRT_TG
29142	71d6	ccs	CCMBG2TG
29143	71d7	ccs	CCXPSYNC
29144	71d8	ccs	CCOC_UNKFAC
29145	71d9	ccs	CCPORTCOND
29146	71da	ccs	CCHMERR
29147	71db	ccs	CCSNOTUP
29148	71dc	ccs	CCSDPCSSN
29149	71dd	ccs	CCTBLDFAIL
29150	71de	ccs	CCINRSPEVNT
29151	71df	ccs	CCJIPFL
29152	71e0	ccs	CCFCAOVFL
29159	71e7	ccs	CCBADAMTKGP
29160	71e8	ccs	CCBADAMCMCID
29161	71e9	ccs	CCOSPSMON
29163	71eb	ccs	CCINVPLAT

29164	71ec	CCS	CCPLATINV
29165	71ed	CCS	CCHOPCNT
29166	71ee	CCS	CCEXCHRTG
29177	71f9	CCS	CCAPPL_PLAT
29178	71fa	CCS	CCLDPSF2
29179	71fb	CCS	CCINVTNSC
29180	71fc	CCS	CCLDPSF1
29195	720b	CCS	CCNORTDATA
29197	720d	CCS	CC_MSGBAD
29198	720e	CCS	CCTRMFEAT
29216	7220	CCS	CCDNFEAT
29225	7229	CCS	CCVQIDERR
29226	722a	CCS	CCINCGRP
29227	722b	CCS	CCSMMIBF
29228	722c	CCS	CCSMUNXM
29229	722d	CCS	CCSMMRDF
29230	722e	CCS	CCSMRSTR
29231	722f	CCS	CCSMMDLI
29232	7230	CCS	CCSMMIBM
29233	7231	CCS	CCSMEMQC
29234	7232	CCS	CCSMEMQE
29235	7233	CCS	CCSMEMQF
29236	7234	CCS	CCSMIMBF
29237	7235	CCS	CCSMMSGI
29238	7236	CCS	CCSMMSTI
29239	7237	CCS	CCSMSFRC
29240	7238	CCS	CCSMTMRR
29241	7239	CCS	CCSMEMQP
29242	723a	CCS	CCSMPARG
29243	723b	CCS	CCSMSJNS
29244	723c	CCS	CCSMTMRL
29246	723e	CCS	CCSCBADADDR
29247	723f	CCS	CCSCBADLGTH
29248	7240	CCS	CCSCBADMSG
29249	7241	CCS	CCNOSCMT
29250	7242	CCS	CCTABSZE
29252	7244	CCS	CCCASE_BAD_SW
29253	7245	CCS	CCC7LOSS_INV
29254	7246	CCS	CCC7RCG_INV
29255	7247	CCS	CCC7LCG_INV
29261	724d	CCS	CCSGSMNET
29262	724e	CCS	CCSINDEXI
29263	724f	CCS	CC_DPCIND
29266	7252	CCS	CCNA7MSGIN
29267	7253	CCS	CCBCSTQFL
29268	7254	CCS	CCSSSNINV
29269	7255	CCS	CCSMDLSTAR
29270	7256	CCS	CCSFTPSCMG
29273	7259	CCS	CCSCEMPREL
29274	725a	CCS	CCSNETGSM
29275	725b	CCS	CCSBKINV
29276	725c	CCS	CCCLD_ELAUD
29277	725d	CCS	CCCNG_ELAUD
29278	725e	CCS	CCADM_ELAUD
29279	725f	CCS	CCTAB_ID_BAD
29280	7260	CCS	CCREASNBAD
29290	726a	CCS	CCDBDSAPP

20. 5E12 Numeric Index: 29291-30430

ERROR CODE	PRM CODE	RANGE	MNEMONIC
29291	726b	CCS	CCTATYPE
29292	726c	CCS	CCQIWKEY
29297	7271	CCS	CCTCINVAPP
29298	7272	CCS	CCPS_CHNG
29300	7274	CCS	CCTBL_ERAUD
29301	7275	CCS	CCTYP_ERAUD
29302	7276	CCS	CCINFOERAUD
29303	7277	CCS	CCFXDGERR
29304	7278	CCS	CCPRSQERR
29305	7279	CCS	CCNTGSMERR

29306	727a	ccs	CCINSSNERR
29308	727c	ccs	CCSAEASCCP
29310	727e	ccs	CCNOMEM
29318	7286	ccs	CCLNVRT
29322	728a	ccs	CCNOHSHTIMER
29323	728b	ccs	CCLOMEMSM
29326	728e	ccs	CCNOLCK
29328	7290	ccs	CCFULLDPC
29339	729b	ccs	CCBNS_IDX
29340	729c	ccs	CCBCR_NS
29341	729d	ccs	CCERRAILS
29342	729e	ccs	CCICRMEM
29343	729f	ccs	CCHSHNOTDONE
29344	72a0	ccs	CCBDRTSD
29345	72a1	ccs	CCINVDPCI
29346	72a2	ccs	CCSCNMINFAIL
29347	72a3	ccs	CCGSCINIT
29355	72ab	ccs	CCBCDOVFL
29364	72b4	ccs	CCINSFLSM
29368	72b8	ccs	CCS7RDB
29369	72b9	ccs	CCBCDGOVFL
29419	72eb	ccs	CCBAD_CACHE
29420	72ec	ccs	CCBAD_LNK_MNG
29421	72ed	ccs	CCBAD2_CACHE
29427	72f3	ccs	CCDPCTA2
29428	72f4	ccs	CCDPC_S2
29429	72f5	ccs	CCDBERR2
29430	72f6	ccs	CCINVMRISP
29475	7323	ccs	CCRCGTMR
29476	7324	ccs	CCDPCRCG
29477	7325	ccs	CCCONGTYPE
29480	7328	ccs	CCBADCONGUPD
29482	732a	ccs	CCNOGSMI
29483	732b	ccs	CCGETRCG
29484	732c	ccs	CCLVLCG
29485	732d	ccs	CCGTRCGTMR
29525	7355	ccs	CCUIDMBGBK
29675	73eb	cmram	CMDDLSTATE
29676	73ec	cmram	CMDDLTIM
29677	73ed	cmram	CMDDLPARAM
29678	73ee	cmram	CMDDLPCR
29679	73ef	cmram	CMDDLPKT
29680	73f0	cmram	CMDDLRETC
29681	73f1	cmram	CMDDLRCCLDATA
29682	73f2	cmram	CMOSSIGNAL
29683	73f3	cmram	CMNOICC
29684	73f4	cmram	CMDDLDATA
29685	73f5	cmram	CMDDLIDLE
29686	73f6	cmram	CMDDLPC
29687	73f7	cmram	CMDDLPG
29688	73f8	cmram	CMFAC2RCLNUL
29689	73f9	cmram	CMCKT2PICBNUL
29905	74d1	acd	ACABNCQ
29906	74d2	acd	ACABNCQOWN
29907	74d3	acd	ACFDCCLTQ
29908	74d4	acd	ACFDCNOCT
29909	74d5	acd	ACFDCNEG
29910	74d6	acd	ACFDCCQ
29911	74d7	acd	ACFDSSTQ
29912	74d8	acd	ACITGPCR
29913	74d9	acd	ACOCNPCR
29914	74da	acd	ACOSTSTQ
29915	74db	acd	ACOSTSRVT
29916	74dc	acd	ACOSTNOST
29917	74dd	acd	ACREQCLTQ
29918	74de	acd	ACRMCLLF
29919	74df	acd	ACREQSRVT
29920	74e0	acd	ACREQNEG
29921	74e1	acd	ACREQNOST
29922	74e2	acd	ACSFCOLOG
29923	74e3	acd	ACSFCNLOG
29924	74e4	acd	ACUPDSRVT

29925	74e5	acd	ACUPDRS
29926	74e6	acd	ACUPDAT
29927	74e7	acd	ACACDBMG
29928	74e8	acd	ACFDCBCT
29929	74e9	acd	ACPSAOCR
29930	74ea	acd	ACPSASTQ
29931	74eb	acd	ACREQNOCT
29932	74ec	acd	ACREQBIR
29933	74ed	acd	ACREQBFR
29934	74ee	acd	ACMTMNOW
29935	74ef	acd	ACMTMNOP
29936	74f0	acd	ACMTMERR
29937	74f1	acd	ACMTMDB
29938	74f2	acd	ACCDNOTC
29939	74f3	acd	ACCDANTC
29940	74f4	acd	ACORNOCT
29941	74f5	acd	ACORANCT
29942	74f6	acd	ACPSNOST
29943	74f7	acd	ACPSANST
29944	74f8	acd	ACPTMNWR
29945	74f9	acd	ACPTMNPR
29946	74fa	acd	ACCDNOTK
29947	74fb	acd	ACCDANTK
29948	74fc	acd	ACRFNOST
29949	74fd	acd	ACRFANST
29950	74fe	acd	ACPTMNOW
29951	74ff	acd	ACPTMNOP
29952	7500	acd	ACASVSTQ
29953	7501	acd	ACASVPST
29954	7502	acd	ACASVSRVT
29955	7503	acd	ACASVDB
29956	7504	acd	ACBSSTQ
29957	7505	acd	ACBSSRVT
29958	7506	acd	ACBSDB
29959	7507	acd	ACBSPST
29960	7508	acd	ACLGNMSG
29961	7509	acd	ACLGNLOG
29962	750a	acd	ACLGTSTQ
29963	750b	acd	ACLGTPS
29964	750c	acd	ACLGTSRVT
29965	750d	acd	ACLGTDB
29966	750e	acd	ACLGTLOG
29967	750f	acd	ACQCLCQ
29968	7510	acd	ACQCLCLTQ
29969	7511	acd	ACQCLDB
29970	7512	acd	ACRMCCQ
29971	7513	acd	ACRMCCLTQ
29972	7514	acd	ACRMADB
29973	7515	acd	ACSCTDB
29974	7516	acd	ACSCTCLTQ
29975	7517	acd	ACACKPC
29976	7518	acd	ACACKMSG
29977	7519	acd	ACICLCTFO
29978	751a	acd	ACICLCLTQ
29979	751b	acd	ACICLDEF
29980	751c	acd	ACISVSTFO
29981	751d	acd	ACISVSVTM
29982	751e	acd	ACISVDEF
29983	751f	acd	ACILGOLGN
29984	7520	acd	ACILGLOG
29985	7521	acd	ACILGDEF
29986	7522	acd	ACITQPPRT
29987	7523	acd	ACITQSTQ
29988	7524	acd	ACITQDEF
29989	7525	acd	ACITQSVTM
29990	7526	acd	ACITQLNK
29991	7527	acd	ACICQCLTQ
29992	7528	acd	ACICQCQ
29993	7529	acd	ACICQLNK
29994	752a	acd	ACMTQCLTQ
29995	752b	acd	ACMTQSVTM
29996	752c	acd	ACMTQRSTQ

29997	752d	acd	ACMTQRCQ
29998	752e	acd	ACCWTPDB
29999	752f	acd	ACMTQGSTQ
30000	7530	acd	ACMTQGCQ
30001	7531	acd	ACTPEICLQ
30002	7532	acd	ACTPECLTQ
30003	7533	acd	ACTSTSVTM
30004	7534	acd	ACTLGILGN
30005	7535	acd	ACTLGDLGN
30006	7536	acd	ACTLGLGN
30007	7537	acd	ACTLGSTQ
30008	7538	acd	ACTLGSVTM
30009	7539	acd	ACTLGERRN
30010	753a	acd	ACTLGRSTQ
30011	753b	acd	ACTLGTSTQ
30012	753c	acd	ACTLGDEF
30013	753d	acd	ACTPTISTQ
30014	753e	acd	ACTPTLNK
30015	753f	acd	ACTPTSVTM
30016	7540	acd	ACTPTSTQ
30017	7541	acd	ACTPTUNLK
30018	7542	acd	ACTPTDSTQ
30019	7543	acd	ACADMHCQ
30020	7544	acd	ACACWSVTM
30021	7545	acd	ACACWMSG
30022	7546	acd	ACACWMDT
30023	7547	acd	ACPCWPDB
30024	7548	acd	ACPCWNOW
30025	7549	acd	ACPCWMSG
30026	754a	acd	ACPCWPRT
30027	754b	acd	ACRMCLNK
30028	754c	acd	ACRMCMMSG
30029	754d	acd	ACMTQLNK
30030	754e	acd	ACMTQASTQ
30031	754f	acd	ACABNLNK
30032	7550	acd	ACLGCLTQ
30033	7551	acd	ACLGLNK
30034	7552	acd	ACQCLINK
30035	7553	acd	ACIRQSTQ
30036	7554	acd	ACIRQPST
30037	7555	acd	ACPTSPDB
30038	7556	acd	ACPTSPRT
30039	7557	acd	ACPTLPDB
30040	7558	acd	ACPTLPRT
30041	7559	acd	ACPTLSTM
30042	755a	acd	ACPTLTDB
30043	755b	acd	ACCTDETF
30047	755f	acd	ACLOGDEF
30048	7560	acd	ACORNIST
30049	7561	acd	ACORNISF
30050	7562	acd	ACREQIST
30051	7563	acd	ACREQIFH
30052	7564	acd	ACOSNOIF
30053	7565	acd	ACOSNOIH
30054	7566	acd	ACECTDTG
30055	7567	acd	ACECTDDX
30056	7568	acd	ACCTDETQ
30057	7569	acd	ACISVISTP
30058	756a	acd	ACTISTSVT
30059	756b	acd	ACORRRER
30060	756c	acd	ACORUNKR
30061	756d	acd	ACRCTDIF
30062	756e	acd	ACRCTDER
30063	756f	acd	ACICTDRL
30064	7570	acd	ACNTRSRVT
30065	7571	acd	ACNTRBGR
30066	7572	acd	ACNTRINV
30067	7573	acd	ACTIFIUTM
30068	7574	acd	ACFDCNSST
30069	7575	acd	ACQRFNST
30070	7576	acd	ACFDSSPTM
30071	7577	acd	ACREQCQ

30072	7578	acd	ACISVIFLW
30073	7579	acd	ACTSTUSTM
30074	757a	acd	ACQXNOCT
30075	757b	acd	ACQRYNST
30076	757c	acd	ACQRYNCT
30077	757d	acd	ACQXCQDB
30078	757e	acd	ACNQRYST
30079	757f	acd	ACNQRYCT
30080	7580	acd	ACQRYCTN
30081	7581	acd	ACQRYWQT
30082	7582	acd	ACQXFRCQ
30083	7583	acd	ACICQGP1
30084	7584	acd	ACICQGP2
30085	7585	acd	ACICQGP3
30086	7586	acd	ACICQGP4
30087	7587	acd	ACTPEGP1
30088	7588	acd	ACTPEGP2
30089	7589	acd	ACTPECL1
30090	758a	acd	ACTPECL2
30091	758b	acd	ACTPECL3
30092	758c	acd	ACTPECQ
30093	758d	acd	ACTPELNK
30094	758e	acd	ACQRFNCT
30098	7592	acd	ACREQNST
30099	7593	acd	ACBADCQDB
30100	7594	acd	ACQDETRD
30101	7595	acd	ACRIVLGN
30305	7661	oa	OANFTLDB
30306	7662	oa	OAD_RTMSG
30307	7663	oa	OABAD_INT_MSG
30308	7664	oa	OAAPB_TMRFAIL
30309	7665	oa	OABADRET
30310	7666	oa	OABADSTATE
30311	7667	oa	OAINV_QRY_DATA
30312	7668	oa	OABAD_EXT_MSG
30313	7669	oa	OAACC_TIMO
30314	766a	oa	OAACC_TYPE
30315	766b	oa	OAPARM_RDF
30316	766c	oa	OAMNTDTMRF
30317	766d	oa	OAMNTD_TMRO
30318	766e	oa	OABADPARM
30319	766f	oa	OAMNTD_IMTXT
30320	7670	oa	OAMNTGTMRF
30321	7671	oa	OAMNTG_PHF
30322	7672	oa	OABRDG_FAL
30323	7673	oa	OASEND_FAL
30324	7674	oa	OADEAC_TMRO
30325	7675	oa	OA0000
30326	7676	oa	OAPOS_STILMON
30327	7677	oa	OAMNUNXCLR
30328	7678	oa	OAUNXREL
30329	7679	oa	OA0004
30330	767a	oa	OAPTRFAIL
30331	767b	oa	OAACCSFAIL
30332	767c	oa	OAQRYFAIL
30333	767d	oa	OACCMODF
30334	767e	oa	OAAPBFAIL
30335	767f	oa	OAQRYMODF
30336	7680	oa	OANORTGEN
30337	7681	oa	OANULEMG
30338	7682	oa	OABADQUE
30339	7683	oa	OAPOS_LPRT
30340	7684	oa	OATPSITP
30341	7685	oa	OATPSGTP
30342	7686	oa	OATPSDTP
30343	7687	oa	OADIGCOSERR
30344	7688	oa	OADIGKEYERR
30345	7689	oa	OATKCRERR
30346	768a	oa	OACFCRERR
30347	768b	oa	OADNNERR
30348	768c	oa	OAOENERR
30349	768d	oa	OAPUR_PROC

30350	768e	oa	OABAD_DA_RET
30351	768f	oa	OABAD_REQ_TYPE
30352	7690	oa	OABAD_TA_TYPE
30353	7691	oa	OABAD_TRK_GRP
30354	7692	oa	OABAD_2TK_GRP
30355	7693	oa	OARTCRERR
30356	7694	oa	OASACERR
30357	7695	oa	OASACDRIERR
30358	7696	oa	OA0033
30359	7697	oa	OALPRTPOSF
30360	7698	oa	OALPRTACCSF
30361	7699	oa	OAPTRLNKF
30362	769a	oa	OASTIN_RD
30363	769b	oa	OAPSLPRTRD
30364	769c	oa	OARMIDLEF
30365	769d	oa	OAATAPF
30366	769e	oa	OAABUSYF
30367	769f	oa	OARMTAPF
30368	76a0	oa	OARMBUSYF
30369	76a1	oa	OA_INVLDTYP
30370	76a2	oa	OA0046
30371	76a3	oa	OAANRIEAS
30372	76a4	oa	OA0048
30373	76a5	oa	OAOPSTLVL
30374	76a6	oa	OA0050
30375	76a7	oa	OATFSTLVL
30376	76a8	oa	OAIFATPDB
30377	76a9	oa	OA0059
30378	76aa	oa	OA0057
30379	76ab	oa	OA0058
30380	76ac	oa	OA0059
30381	76ad	oa	OARATECONN
30382	76ae	oa	OABADZNNEXT
30383	76af	oa	OALPSGFL
30384	76b0	oa	OA_OSCNM
30385	76b1	oa	OACLG_BAD
30386	76b2	oa	OAD_UNACMSG
30387	76b3	oa	OAD_BADPOSID
30388	76b4	oa	OAD_BADESTID
30389	76b5	oa	OAD_SRSPFL
30390	76b6	oa	OABILL_BAD
30391	76b7	oa	OABRSN_AQTP
30392	76b8	oa	OABADRANGE
30393	76b9	oa	OANO_TCB
30394	76ba	oa	OAWSETUXM
30395	76bb	oa	OAWDISCUXM
30396	76bc	oa	OASTWACKUXM
30397	76bd	oa	OAQWSZUXM
30398	76be	oa	OAQWANUXM
30399	76bf	oa	OAQANTKUXM
30400	76c0	oa	OAQWACKUXM
30401	76c1	oa	OATTKUXM
30402	76c2	oa	OAACNBFL
30403	76c3	oa	OAACNIFL
30404	76c4	oa	OACNLKFL
30405	76c5	oa	OALINETERM
30406	76c6	oa	OAPICBNT
30407	76c7	oa	OAPICBNM
30408	76c8	oa	OAFCTRNT
30409	76c9	oa	OAFCTRNM
30410	76ca	oa	OAFOPNT
30411	76cb	oa	OAFOPNM
30412	76cc	oa	OANODALB
30413	76cd	oa	OA_AQSENDFL
30414	76ce	oa	OA_RSTPID
30415	76cf	oa	OA_RSTTM
30416	76d0	oa	OA_DNMSGTO
30417	76d1	oa	OA_AQONHK
30418	76d2	oa	
30419	76d3	oa	
30420	76d4	oa	
30421	76d5	oa	

30422	76d6	oa	OA_AQUNMSG
30423	76d7	oa	OABADPROG
30424	76d8	oa	OASTINDATA
30425	76d9	oa	OACCPCTUP
30426	76da	oa	OABLVSCRN
30427	76db	oa	OABLVEXCL
30428	76dc	oa	OAD_BCTME
30429	76dd	oa	OAD_BSTME
30430	76de	oa	OAD_BDRSTR

21. 5E12 Numeric Index: 30431-30810

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30431	76df	oa	OAD_BADFLAG
30432	76e0	oa	OANOT_OTP
30433	76e1	oa	OABADDEST
30434	76e2	oa	OACRMTR
30435	76e3	oa	OAOLSEERR
30436	76e4	oa	OABK_NOT_ACQS
30437	76e5	oa	OATRNCATED
30438	76e6	oa	OAD_OSENDFL
30439	76e7	oa	OAD_LSNOMAT
30440	76e8	oa	OAD_OSWGETFL
30441	76e9	oa	OAOTR_VLDLFL
30442	76ea	oa	OASENDMSGFL
30443	76eb	oa	OACNNLKD
30444	76ec	oa	OARCNBFL
30445	76ed	oa	OARCNIFL
30446	76ee	oa	OACARD_4FAIL
30447	76ef	oa	OANCDCOC_BAD
30448	76f0	oa	OAOLOG_TUP
30449	76f1	oa	OACDCOC_BAD
30450	76f2	oa	OABNSCOC_BAD
30451	76f3	oa	OAANYCOC_BAD
30452	76f4	oa	OA0127
30453	76f5	oa	OAQUERY_BAD
30454	76f6	oa	OATRKGRP_BAD
30455	76f7	oa	OASTIN_TUP
30456	76f8	oa	OAOLOG_READ
30457	76f9	oa	OARESX_READ
30458	76fa	oa	OAPOS_READ
30459	76fb	oa	OACTIN_READ
30460	76fc	oa	OAUNXMSG
30461	76fd	oa	OALOGSTAT
30462	76fe	oa	OAOUT_CALL
30463	76ff	oa	OANUM_TYPE
30464	7700	oa	OAEXTDL_PER
30465	7701	oa	OACONF_OP
30466	7702	oa	OAUNIX_PID
30467	7703	oa	OAANOKEY
30468	7704	oa	OAINIT_MSG_BAD
30469	7705	oa	OAISDN_RC
30470	7706	oa	OASEZ_TYPE
30471	7707	oa	OAFAILDROP
30472	7708	oa	OAPOS_INIT
30473	7709	oa	OAMAKE_BUSY
30474	770a	oa	OAAPCCC
30475	770b	oa	OA0150
30476	770c	oa	OACOCENUM_BAD
30477	770d	oa	OA_INCPTR
30478	770e	oa	OA_INCAQFAIL
30479	770f	oa	OA_OSENMCB
30480	7710	oa	OA_UESNMSG
30481	7711	oa	OA_BADRETN
30482	7712	oa	OA_UNEXCLSS
30483	7713	oa	OATRKCK_COC_OPINIT
30484	7714	oa	OA_NOHOBSC
30485	7715	oa	OABCKQZ_CRD_COC
30486	7716	oa	OA_INCTRGID
30487	7717	oa	OAORECV
30488	7718	oa	OA_AQTGFAIL

30489	7719	oa	OANSUBERR
30490	771a	oa	OABADPHRASE
30491	771b	oa	OAZANCTYP
30492	771c	oa	OABADDBFRD
30493	771d	oa	OAODISP
30494	771e	oa	OADNSTART
30495	771f	oa	OAINV_CT
30496	7720	oa	OANTINDB
30497	7721	oa	OARSP_ENTRY
30498	7722	oa	OARSPUNXP
30499	7723	oa	OARET_ERR
30500	7724	oa	OABOOL_ERR
30501	7725	oa	OAMON_PERM
30502	7726	oa	OABN_MONITRD
30503	7727	oa	OAUXPMSG
30504	7728	oa	OABADDDATA
30505	7729	oa	OAHTLREL
30506	772a	oa	OANXXREL
30507	772b	oa	OATMREL
30508	772c	oa	OAINACCS
30509	772d	oa	OADEACCS
30510	772e	oa	OATSTACCS
30511	772f	oa	OATADA_MIX
30512	7730	oa	OA_AUNEXMSG
30513	7731	oa	OAD_EMTPOSDB
30514	7732	oa	OAD_FINFL
30515	7733	oa	OAD_FRDFL
30516	7734	oa	OAD_FUPFL
30517	7735	oa	OAA_INCRSN
30518	7736	oa	OAD_INCRSN
30519	7737	oa	OAD_INITFL
30520	7738	oa	OAD_INVDMMSG
30521	7739	oa	OAD_INVST
30522	773a	oa	OA_INCRSN
30523	773b	oa	OA_UNEXWMSG
30524	773c	oa	OAVT_OLS
30525	773d	oa	OAR_UNEXMSG
30526	773e	oa	OAD_OSTMOUT
30527	773f	oa	OAR_INCRSN
30528	7740	oa	OASTATUPDT
30529	7741	oa	OAD_POSFRDFL
30530	7742	oa	OAD_STATFL
30531	7743	oa	OAD_UNEXMSG
30532	7744	oa	OAOPLINETERM
30533	7745	oa	OAD_OSERANGE
30534	7746	oa	OAD_OSENOTCB
30535	7747	oa	OABCKNUMERR
30536	7748	oa	OATMZN
30537	7749	oa	OAGBLTMZN
30538	774a	oa	OAD_DSLNOMAT
30539	774b	oa	OAD_DSLFRDFL
30540	774c	oa	OAATCSSD
30541	774d	oa	OACIEXMP
30542	774e	oa	OAD_POSIDNTSM
30543	774f	oa	OAFAILNAME
30544	7750	oa	OAD_INVPRN
30545	7751	oa	OAD_DASCFULL
30546	7752	oa	OAD_FDLFL
30547	7753	oa	OAOPBPOOL
30548	7754	oa	OAOPBADREQ
30549	7755	oa	OAOPHBSTOP
30550	7756	oa	OAOPPRFAIL
30551	7757	oa	OAOPNOBUF
30552	7758	oa	OAOPDBFAIL
30553	7759	oa	OAOPBADVAL
30554	775a	oa	OACINPAF
30555	775b	oa	OABADTRN
30556	775c	oa	OACINVF
30557	775d	oa	OACINVBK
30558	775e	oa	OACIBBCK
30559	775f	oa	OAINVRES
30560	7760	oa	OAUEXPMSG

30561	7761	oa	OAUEXPRET
30562	7762	oa	OAFDBRM
30563	7763	oa	OAFDBADD
30564	7764	oa	OADBRLCT
30565	7765	oa	OAFAILRSV
30566	7766	oa	OAFAILJOIN
30567	7767	oa	OAFAILCNFG
30568	7768	oa	OATPSIPOS
30569	7769	oa	OATPSPRLA
30570	776a	oa	OATPSPSDB
30571	776b	oa	OATPSDPOS
30572	776c	oa	OACIOATG
30573	776d	oa	OASTIN_OAEDI
30574	776e	oa	OAACOPUN
30575	776f	oa	OAFSPLIT
30576	7770	oa	OACIOTTG
30577	7771	oa	OACIABBK
30578	7772	oa	OACIABFW
30579	7773	oa	OAIRTCAR
30580	7774	oa	OACILMIS
30581	7775	oa	OACSCCLN
30582	7776	oa	OACILATA
30583	7777	oa	OACINVEA
30584	7778	oa	OAUNONOFF
30585	7779	oa	OAUNRLOFFON
30586	777a	oa	OAUNSDS
30587	777b	oa	OAUNTRANROW
30588	777c	oa	OAMTBENUM
30589	777d	oa	OADASCVENDOR
30590	777e	oa	OATMAREA
30591	777f	oa	OACINMAP
30592	7780	oa	OAOFRRERR
30593	7781	oa	OACPTGRP
30594	7782	oa	OAATPDBINIT
30595	7783	oa	OAD_REINTLNK
30596	7784	oa	OATCMOBF
30597	7785	oa	OAATPDBLE
30598	7786	oa	OAATPUXM
30599	7787	oa	OARASTUXM
30600	7788	oa	OAWRAFUXM
30601	7789	oa	OABRCHKTRQ
30602	778a	oa	OANRTGEN
30603	778b	oa	OABANSTIN
30604	778c	oa	OAFAPERR
30605	778d	oa	OABRT_RPRL
30606	778e	oa	OAUXRCLR
30607	778f	oa	OABADCGRP
30608	7790	oa	OATKLCERR
30609	7791	oa	OAE_SRVCFL
30610	7792	oa	OARCLTYPFL
30611	7793	oa	OAINV_RAT_DATA
30612	7794	oa	OABADTRANS
30613	7795	oa	OAE_EISIDFL
30614	7796	oa	OAE_SEIZFL
30615	7797	oa	OABADRTENUM
30616	7798	oa	OABADCALLCLASS
30617	7799	oa	OAUNXPATREL
30618	779a	oa	OANOPHT_REL
30619	779b	oa	OAE_RLSFL
30620	779c	oa	OAE_SNDMSGFL
30621	779d	oa	OAEISUNXMSG
30622	779e	oa	OABADREST
30623	779f	oa	OANORCLTUP
30624	77a0	oa	OAE_REASONFL
30625	77a1	oa	OACIDTGN
30626	77a2	oa	OACIDTXT
30627	77a3	oa	OAVT_TCS
30628	77a4	oa	OABADNPA
30629	77a5	oa	OABADNXX
30630	77a6	oa	OAENODALB
30631	77a7	oa	OAAOCEXTENT
30632	77a8	oa	OABADOPCODE

30633	77a9	oa	OABADERRRTYPE
30634	77aa	oa	OAEHBTYPINV
30635	77ab	oa	OAEFDBMSINV
30636	77ac	oa	OAEHBTMROOR
30637	77ad	oa	OAEL3SEND
30638	77ae	oa	OAEIDOOOR
30639	77af	oa	OAESRLOOR
30640	77b0	oa	OAELSINV
30641	77b1	oa	OAESLLSINV
30642	77b2	oa	OAIF_BADDATA
30643	77b3	oa	OANG_TADATA
30644	77b4	oa	OABDDBNUM
30645	77b5	oa	OAECALTUP
30646	77b6	oa	OAEATRETBAD
30647	77b7	oa	OAESMRHLNK
30648	77b8	oa	OAERHRETBAD
30649	77b9	oa	OAEDIEJOBBD
30650	77ba	oa	OABADPATH
30651	77bb	oa	OALSFCOSBAD
30652	77bc	oa	OAEGLPTRBAD
30653	77bd	oa	OAEGLPIDBAD
30654	77be	oa	OAETPREASON
30655	77bf	oa	OAETPCTIMBAD
30656	77c0	oa	OAPRL_ERR
30657	77c1	oa	OADGT_ANA_BAD
30658	77c2	oa	OABDDBN0
30659	77c3	oa	OABDDBPARM
30660	77c4	oa	OAETPTMRUNK
30661	77c5	oa	OACHK_FAIL
30662	77c6	oa	OAETPMMSGUNK
30663	77c7	oa	OAESPNOCDDL
30664	77c8	oa	OAETPDESTIME
30665	77c9	oa	OAETPLNGBAD
30666	77ca	oa	OAETPWTIMBAD
30667	77cb	oa	OAETPRETUNK
30668	77cc	oa	OABADSTINFO
30669	77cd	oa	OABADOLOGINID
30670	77ce	oa	OAETPSWIDBAD
30671	77cf	oa	OAGETAPB
30672	77d0	oa	OA0052
30673	77d1	oa	OA0054
30674	77d2	oa	OA0120
30675	77d3	oa	OA0121
30676	77d4	oa	OAAPBBUFF
30677	77d5	oa	OA0123
30678	77d6	oa	OAAPBPOSF
30679	77d7	oa	OAPOSAPBF
30680	77d8	oa	OAPOSLOOPF
30681	77d9	oa	OA0128
30682	77da	oa	OA0129
30683	77db	oa	OAAPBTAPF
30684	77dc	oa	OAGETCBDB
30685	77dd	oa	OALNCBPC
30686	77de	oa	OAPTRDBADD
30687	77df	oa	OATAPAPBF
30688	77e0	oa	OAINVDATA
30689	77e1	oa	OANOTIMER
30690	77e2	oa	OABADEISRET
30691	77e3	oa	OANOPORTLA
30692	77e4	oa	OAEIIMSINV
30693	77e5	oa	OAETPMSETID
30694	77e6	oa	OAETPSWMODID
30695	77e7	oa	OAETPSMRCID
30696	77e8	oa	OATRN_BAD
30697	77e9	oa	OAUKN_MSG
30698	77ea	oa	OAETPCONPID
30699	77eb	oa	OAETPSTUNK
30700	77ec	oa	OAE_MSGSETIDFL
30701	77ed	oa	OA1_MSGTYPEFL
30702	77ee	oa	OA1_ACDRTFL
30703	77ef	oa	OA1_APPCDOOR
30704	77f0	oa	OAFFCCB

30705	77f1	oa	OALNCBDB
30706	77f2	oa	OAUPCCB
30707	77f3	oa	OABKCN_NOT_ACQS
30708	77f4	oa	OABK_IS_CNACQS
30709	77f5	oa	OA_AQZODD
30710	77f6	oa	OA1_POSNMOOR
30711	77f7	oa	OA0130
30712	77f8	oa	OABADPREFDIG
30713	77f9	oa	OAPCBLAPBF
30714	77fa	oa	OARSTATFAIL
30715	77fb	oa	OARNOMATCH
30716	77fc	oa	OA_GST_NOTINDB
30717	77fd	oa	OA_GST_MAN_PBX
30718	77fe	oa	INVALID_LPSTAT
30719	77ff	oa	OADBRNM
30720	7800	oa	OAOLSPRB
30721	7801	oa	OANMIFLW
30722	7802	oa	OANMRRDN
30723	7803	oa	OAORNOCT
30724	7804	oa	OANRIFLW
30725	7805	oa	OANRRRDN
30726	7806	oa	OAORANCT
30727	7807	oa	OAIOTPMMSG
30728	7808	oa	OAD_NPAFLD
30729	7809	oa	OAD_NPANXFLD
30730	780a	oa	OADBRBD
30731	780b	oa	OANITOOOR
30732	780c	oa	OAVTE_MRCV
30733	780d	oa	OAIPTPDB
30734	780e	oa	OAMC_INCRSN
30735	780f	oa	OAMC_UNEXMSG
30736	7810	oa	OAMC_INVMSG
30737	7811	oa	OAMC_CTINV
30738	7812	oa	OAMC_CTUNUSED
30739	7813	oa	OAMC_ADIGERR
30740	7814	oa	OAMC_ODIGERR
30741	7815	oa	OAMC_SDIGERR
30742	7816	oa	OAMC_NOTIMER
30743	7817	oa	OAMC_BADTIMER
30744	7818	oa	OAMC_TIMEOUT
30745	7819	oa	OAMC_SZERR
30746	781a	oa	OAMC_ARGERR
30747	781b	oa	OANCEO_TO_CEO
30748	781c	oa	OACEO_TO_NCEO
30749	781d	oa	OAIFWSH
30750	781e	oa	OAVTE_KILD
30751	781f	oa	OAVTBD_DB
30752	7820	oa	OAOTP_IFLOW
30753	7821	oa	OAIF_WRONGMSG
30754	7822	oa	OAIFWDN
30755	7823	oa	OAIFUNK
30756	7824	oa	OAIFWSZ
30757	7825	oa	OAVT_BD_IFM
30758	7826	oa	OAIFMH_FAIL
30759	7827	oa	OAPSLPRTF
30760	7828	oa	OATMSCOPE
30761	7829	oa	OAUNXSIG
30762	782a	oa	OAIFFRAN
30763	782b	oa	OAVT_BADPSDB
30764	782c	oa	OAF_NPANXX
30765	782d	oa	OANOSERV
30766	782e	oa	OANOSVDT
30767	782f	oa	OAINVRT
30768	7830	oa	OAINVACT
30769	7831	oa	OAFUPLSR
30770	7832	oa	OAFHCSR
30771	7833	oa	OAFULSR
30772	7834	oa	OAFLSRSM
30773	7835	oa	OABADSML
30774	7836	oa	OAFCHKBERET
30775	7837	oa	OACVALCE
30776	7838	oa	OACVCORD

30777	7839	oa	OACVLNKE
30778	783a	oa	OACVUXEV
30779	783b	oa	OACVMPRT
30780	783c	oa	OANOCTIN
30781	783d	oa	OAOPSMOTNL
30782	783e	oa	OAER0CCNAME
30783	783f	oa	OAER1CCNAME
30784	7840	oa	OAER2CCNAME
30785	7841	oa	OAER3CCNAME
30786	7842	oa	OAANI_DB
30787	7843	oa	OATIMEREL
30788	7844	oa	OASTATREL
30789	7845	oa	OATRNGREL
30790	7846	oa	OALNKINIT
30791	7847	oa	OACALLINIT
30792	7848	oa	OALKSELINIT
30793	7849	oa	OALNKDATA
30794	784a	oa	OAERTPRNPA
30795	784b	oa	OAERTPRCC
30796	784c	oa	OABADOPTRN
30797	784d	oa	OABADREQTYP
30798	784e	oa	OAASGNDERR
30799	784f	oa	OACSOPEISDB
30800	7850	oa	OACSEISID
30801	7851	oa	OACSREQTYPE
30802	7852	oa	OACSEISDATA
30803	7853	oa	OARQTYPINVALID
30804	7854	oa	OARETINVALID
30805	7855	oa	OAESPReason
30806	7856	oa	OAESPCTIMBAD
30807	7857	oa	OAEBPRONO
30808	7858	oa	OAEIPRNO
30809	7859	oa	OAEISRLNO
30810	785a	oa	OAEIETPR

22. 5E12 Numeric Index: 30811-31200

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30811	785b	oa	OAEISMCID
30812	785c	oa	OAESMCLNK
30813	785d	oa	OAESMRLNK
30814	785e	oa	OAEMIEID
30815	785f	oa	OAEMIMSID
30816	7860	oa	OAEMIVEN
30817	7861	oa	OAEMISID
30818	7862	oa	OAEMIECI
30819	7863	oa	OAEMISRC
30820	7864	oa	OAEMIESM
30821	7865	oa	OAEIJECT
30822	7866	oa	OAEIKELN
30823	7867	oa	OAEIKELS
30824	7868	oa	OAESPRETUNK
30825	7869	oa	OAESPMMSGUNK
30826	786a	oa	OAESPLNGBAD
30827	786b	oa	OAESPWTIMBAD
30828	786c	oa	OAESPMCBPROB
30829	786d	oa	OAESPTHROW
30830	786e	oa	OAESPSTUNK
30831	786f	oa	OAISPLSF
30832	7870	oa	OAETPRESET
30833	7871	oa	OAE_CIDMM
30834	7872	oa	OAEBADMSGTYPE
30835	7873	oa	OAEIRHCAL
30836	7874	oa	OAE_BSCSUX
30837	7875	oa	OADINGP1
30838	7876	oa	OAER4CCNAME
30839	7877	oa	OADINGP2
30840	7878	oa	OADINGP3
30841	7879	oa	OADINGP4
30842	787a	oa	OADINGP5
30843	787b	oa	OADINGP6

30844	787c	oa	OASMIGP1
30845	787d	oa	OASMIGP2
30846	787e	oa	OASMIGP3
30847	787f	oa	OASMIGP4
30848	7880	oa	OAITLGP1
30849	7881	oa	OAITLGP2
30850	7882	oa	OAITLGP3
30851	7883	oa	OAITLGP4
30852	7884	oa	OATPOGP1
30853	7885	oa	OATPOGP2
30854	7886	oa	OATPOGP3
30855	7887	oa	OATPOGP4
30856	7888	oa	OATPOFI1
30857	7889	oa	OATPOFI2
30858	788a	oa	OATPOAS1
30859	788b	oa	OATPOAS2
30860	788c	oa	OAEBADPARM
30861	788d	oa	OANOFIXEDRI
30862	788e	oa	OAE_UNXLEDB
30863	788f	oa	OA1XPNOOR
30864	7890	oa	OA1XMTYPEFL
30865	7891	oa	OAESMATLNK
30866	7892	oa	OAENOEISDATA
30867	7893	oa	OAEBADDBREAD
30868	7894	oa	OAETPOORSMD
30869	7895	oa	OA1XATINV
30870	7896	oa	OA1XPNBAD
30871	7897	oa	OA1XCOCBAD
30872	7898	oa	OA1XBTYP
30873	7899	oa	OA1XBMOVFL
30874	789a	oa	OA1XDTINV
30875	789b	oa	OA1XFDVFL
30876	789c	oa	OAETPCALLID
30877	789d	oa	OAESLNGBAD
30878	789e	oa	OAEISNORES
30879	789f	oa	OAEISRETUNK
30880	78a0	oa	OAEISINVPID
30881	78a1	oa	OAEGLBADID
30882	78a2	oa	OAESPBADMSG
30883	78a3	oa	OACVSDLK
30884	78a4	oa	OAENOESM
30885	78a5	oa	OABADPOSNUM
30886	78a6	oa	OABUSYPOSEIZ
30887	78a7	oa	OAEISLPCNTBAD
30888	78a8	oa	OAEINTINV
30889	78a9	oa	OABADRTP
30890	78aa	oa	OAMTPBSM
30891	78ab	oa	OAEDPBBAD
30892	78ac	oa	OAEFLAGSBAD
30893	78ad	oa	OAESMRLKBAD
30894	78ae	oa	OAEDBRETINV
30895	78af	oa	OAEMLCOR
30896	78b0	oa	OATKORTERR
30897	78b1	oa	OALF_OVFL
30898	78b2	oa	OALT_OVFL
30899	78b3	oa	OAETKOCID
30900	78b4	oa	OAETKOPID
30901	78b5	oa	OAETKOMG
30902	78b6	oa	OA1CIDOR
30903	78b7	oa	OAUNEECDPDL
30904	78b8	oa	OAEISMVCL
30905	78b9	oa	OAESMGHLNK
30906	78ba	oa	OAETVRETBAD
30907	78bb	oa	OAELPRETBAD
30908	78bc	oa	OAE_ACTIONFL
30909	78bd	oa	OAEHUNGUP
30910	78be	oa	OACALLDUMP
30911	78bf	oa	OALNKDUMP
30912	78c0	oa	OALKSELDUMP
30913	78c1	oa	OACREXCPT
30914	78c2	oa	OACALL_LIST
30915	78c3	oa	OABDELANS

30916	78c4	oa	OATPOFI3
30917	78c5	oa	OATPOAS3
30918	78c6	oa	OATPOGP7
30919	78c7	oa	OATPOGP8
30920	78c8	oa	OATPOGP9
30921	78c9	oa	OATPOGP5
30922	78ca	oa	OATPOGP6
30923	78cb	oa	OATLAFI1
30924	78cc	oa	OATLAAS1
30925	78cd	oa	OATLAGP1
30926	78ce	oa	OATLAGP2
30927	78cf	oa	OATLAGP3
30928	78d0	oa	OAFail_BLVDA
30929	78d1	oa	OAMTI_KILL
30930	78d2	oa	OAMTI_SUICIDE
30931	78d3	oa	OAMTI_CMPLT
30932	78d4	oa	OAINTFPL
30933	78d5	oa	OAOPRCCERR
30934	78d6	oa	OAMSGINFL
30935	78d7	oa	OAOLSTRKCN
30936	78d8	oa	OASIGTRKCN
30937	78d9	oa	OABDBLOPT
30938	78da	oa	OABDEISCO
30939	78db	oa	OABDPTPCOC
30940	78dc	oa	OAINVBLOPT
30941	78dd	oa	OADIRCERR
30942	78de	oa	OABAD_CLS
30943	78df	oa	OABDLSTRAF
30944	78e0	oa	OABDTARET
30945	78e1	oa	OABADCCRET
30946	78e2	oa	OABDOSREAS
30947	78e3	oa	OABDEAINFO
30948	78e4	oa	OABDSRVID
30949	78e5	oa	OAFc_TRUNK
30950	78e6	oa	OABDLATACK
30951	78e7	oa	OABAD_IMF
30952	78e8	oa	OANOSRVOT
30953	78e9	oa	OA2_POSIDOOOR
30954	78ea	oa	OA2_ARUIDOOR
30955	78eb	oa	OA2_MSGTYPEFL
30956	78ec	oa	OA2_ACDRTFL
30957	78ed	oa	OA2XMTYPEFL
30958	78ee	oa	OA2ACOOOR
30959	78ef	oa	OASRVCINV
30960	78f0	oa	OAUNXRES
30961	78f1	oa	OABDCCON
30962	78f2	oa	OAAISDIG
30963	78f3	oa	OABDISPD
30964	78f4	oa	OABDISRVID
30965	78f5	oa	OANO_FCTRNK
30966	78f6	oa	OA2POSID_INV
30967	78f7	oa	OAQRY_NOLOOP
30968	78f8	oa	OAINV_LSCOC
30969	78f9	oa	OABADCSE
30970	78fa	oa	OABDCC_CR
30971	78fb	oa	OAINVCC_CR
30972	78fc	oa	OABADCCIND
30973	78fd	oa	OABADOCS
30974	78fe	oa	OALKTKOFL
30975	78ff	oa	OA_INVLSCOC
30976	7900	oa	OAZERONPA
30977	7901	oa	OAFail_NPAMAP
30978	7902	oa	OANFWDNUM
30979	7903	oa	OATCS_NMTCH
30980	7904	oa	OAER1AATOS
30981	7905	oa	OAER2AATOS
30982	7906	oa	OACRD_NMTCH
30983	7907	oa	OABDRtETYP
30984	7908	oa	OA1XICOC
30985	7909	oa	OAETPSWAREA
30986	790a	oa	OASDNDESTERR
30987	790b	oa	OAUESCTN

30988	790c	oa	OA1SDNNRA
30989	790d	oa	OAGENDIGBAD
30990	790e	oa	OAGENOPBAD
30991	790f	oa	OABAD_ESC_DARET
30992	7910	oa	OAAPTYPE
30993	7911	oa	OABADBIL
30994	7912	oa	OADANGLECONF
30995	7913	oa	OAOLIBAD
30996	7914	oa	OATANTYPE
30997	7915	oa	OABDFCONN
30998	7916	oa	OAUNEX_RET
30999	7917	oa	OANPORTPID
31000	7918	oa	OAVMS_BADPARM
31001	7919	oa	OAVMSUNXCDSP
31002	791a	oa	OATNSBAD
31003	791b	oa	OAFNSIBAD
31004	791c	oa	OACSR_NMTCH
31005	791d	oa	OAVMS_UNXEV
31006	791e	oa	OAASOTPRIM
31007	791f	oa	OANOSTINFO
31008	7920	oa	OABADTC
31009	7921	oa	OABDCITP
31010	7922	oa	OANODEST
31011	7923	oa	OACMPCRD_FAIL
31012	7924	oa	OA1VMS
31013	7925	oa	OABADHEADER
31014	7926	oa	OABADVAPHR
31015	7927	oa	OA3_APPCDOOR
31016	7928	oa	OAE_SCRUDE
31017	7929	oa	OAE_TGROUP
31018	792a	oa	OAE_TMEN
31019	792b	oa	OA3MSGTYPEFL
31020	792c	oa	OA3CIDOOR
31021	792d	oa	OA3XMTYPEFL
31022	792e	oa	OACL_UNXMSG
31023	792f	oa	OANDSLPR
31024	7930	oa	OA900C7ER
31025	7931	oa	OAERRDSL
31026	7932	oa	OA_U_PRT
31027	7933	oa	OA_R_PRT
31028	7934	oa	OA3XBTYP
31029	7935	oa	OA3XBMOVFL
31030	7936	oa	OA3BOPTINV
31031	7937	oa	OACAOVLP
31032	7938	oa	OAETPSIDBAD
31033	7939	oa	OASIDRETBAD
31034	793a	oa	OASRVIDBAD
31035	793b	oa	OAINVEISCOC
31036	793c	oa	OAINVTRFLRET
31037	793d	oa	OAEMSGVIOL
31038	793e	oa	OABDOLSR
31039	793f	oa	OAEISNOLNK
31040	7940	oa	OAEISERCNT
31041	7941	oa	OA700C7ER
31042	7942	oa	OAERPHR_LANG
31043	7943	oa	OAERANNC_HDR
31044	7944	oa	OAFCTYP
31045	7945	oa	OAKILLPROC
31046	7946	oa	OACARDAT
31047	7947	oa	OAERLANG_TBL
31048	7948	oa	OANOLANG_TBL
31049	7949	oa	OABADHDR_ID
31050	794a	oa	OANONUSA
31051	794b	oa	OABINTOASC
31052	794c	oa	OABADDCR
31053	794d	oa	OACCB COM
31054	794e	oa	OACHDB
31055	794f	oa	OA3XBCF1
31056	7950	oa	OAPI2PTB
31057	7951	oa	OAINC_CAR
31058	7952	oa	OA3XBCF2
31059	7953	oa	OA3XBCF3

31060	7954	oa	OA3XBCF4
31061	7955	oa	OA3XBCF5
31062	7956	oa	OA3XBCF6
31063	7957	oa	OA3XBCF7
31064	7958	oa	OA3XBCF8
31065	7959	oa	OA3XBCF9
31066	795a	oa	OA3XBCFA
31067	795b	oa	OA3XBCFB
31068	795c	oa	OABDBLSAME
31069	795d	oa	OANOCRUPD
31070	795e	oa	OA3BDEISVER
31071	795f	oa	OA3EISVOOR
31072	7960	oa	OA3BADVER
31073	7961	oa	OA3BDVER
31074	7962	oa	OABDVERSION
31075	7963	oa	OA3TRANFL
31076	7964	oa	OA3OTRANFL
31077	7965	oa	OATKOVERBD
31078	7966	oa	OAOPTRKTRM
31079	7967	oa	OARPDBPT
31080	7968	oa	OA_RPDBP
31081	7969	oa	OADIORCPS
31082	796a	oa	OABADEVENT
31083	796b	oa	OABADACTION
31084	796c	oa	OABDSDAST
31085	796d	oa	OADFSRVRES
31086	796e	oa	OABADRATM
31087	796f	oa	OA3BLFVER
31088	7970	oa	OA3BBOPTINV
31089	7971	oa	OACPSDBERR
31090	7972	oa	OA3RTNMFL
31091	7973	oa	OAQBDBACOC
31092	7974	oa	OABABADST
31093	7975	oa	OABABADACT
31094	7976	oa	OABADEBARET
31095	7977	oa	OARATFWD
31096	7978	oa	OARATCFWD
31097	7979	oa	OAQRYFWD
31098	797a	oa	OARATQFWD
31099	797b	oa	OACONQFWD
31100	797c	oa	OARATCQFWD
31101	797d	oa	OAUNEXFWCKR
31102	797e	oa	OABADBLOPT
31103	797f	oa	OABDRETFC
31104	7980	oa	OABDFWCK
31105	7981	oa	OABDERFC
31106	7982	oa	OAUNK_CARR
31107	7983	oa	OA4_MSGTYPEFL
31108	7984	oa	OA4_ACDRTFL
31109	7985	oa	OA4_APPCDOOR
31110	7986	oa	OA4_POSNMOOR
31111	7987	oa	OA4XPNOOR
31112	7988	oa	OA4XMTYPEFL
31113	7989	oa	OA4XATINV
31114	798a	oa	OA4XPNBAD
31115	798b	oa	OA4XBTYP
31116	798c	oa	OA4XBMOVFL
31117	798d	oa	OA4XDTINV
31118	798e	oa	OA4XFDOVFL
31119	798f	oa	OA4CIDOOR
31120	7990	oa	OA4XICOC
31121	7991	oa	OAERRFTS
31122	7992	oa	OAPRTFYL
31123	7993	oa	OACKTFYL
31124	7994	oa	OAHOMEALLERR
31125	7995	oa	OARFBNARET
31126	7996	oa	OASRCCFLRET
31127	7997	oa	OASRBNARET
31128	7998	oa	OATFBNARET
31129	7999	oa	OAWATBNARET
31130	799a	oa	OAWARBNARET
31131	799b	oa	OAWRLBNARET

31132	799c	oa	OATDFRRET
31133	799d	oa	OABDRQEIS
31134	799e	oa	OA3XBCFC
31135	799f	oa	OA3BADBNUM
31136	79a0	oa	OA3XBCFD
31137	79a1	oa	OABACTCOC
31138	79a2	oa	OAFCFAIL
31139	79a3	oa	OAEQPRT
31140	79a4	oa	OABADARG
31141	79a5	oa	OAINSDYN
31142	79a6	oa	OAUGLPRM
31143	79a7	oa	OACNFATI
31144	79a8	oa	OAPTRFATI
31145	79a9	oa	OAQRYFATI
31146	79aa	oa	OARGLPRM
31147	79ab	oa	OAALOPTR
31148	79ac	oa	OAALOQRY
31149	79ad	oa	OAPTREXRS
31150	79ae	oa	OAQRYEXRS
31151	79af	oa	OAPTRFARI
31152	79b0	oa	OAQRYFARI
31153	79b1	oa	OAPTRUPCB
31154	79b2	oa	OAQRYUPTR
31155	79b3	oa	OAOSPDAGT
31156	79b4	oa	OAQRYLPTR
31157	79b5	oa	OAPTRLPCB
31158	79b6	oa	OAACCUPTTR
31159	79b7	oa	OAUNEXPTR
31160	79b8	oa	OAUNEXQRY
31161	79b9	oa	OAAGRTRK
31162	79ba	oa	OAERRSDAP
31163	79bb	oa	OABADSDAPPOS
31164	79bc	oa	OAGOPCSL
31165	79bd	oa	OAINITNRAF
31166	79be	oa	OASETNRAF
31167	79bf	oa	OASRVINIT
31168	79c0	oa	OAINITPTR
31169	79c1	oa	OAINITQRY
31170	79c2	oa	OACNINIT
31171	79c3	oa	OARHHCSL
31172	79c4	oa	OAAHPCSL
31173	79c5	oa	OARSPCSL
31174	79c6	oa	OAAHHCSL
31175	79c7	oa	OAATHCSL
31176	79c8	oa	OASDAPPRMT
31177	79c9	oa	OAGENERAL
31178	79ca	oa	OACRDAGT
31179	79cb	oa	OAAILSERR
31180	79cc	oa	OADCPSSS
31181	79cd	oa	OAOTDBINIT
31182	79ce	oa	OAZIP_OTDBS
31183	79cf	oa	OAPCBLAOTDB
31184	79d0	oa	OAOTDBIDLE
31185	79d1	oa	OANO_OTDB
31186	79d2	oa	OASMOTMISS
31187	79d3	oa	OANOFCCOPRTK
31188	79d4	oa	OAOPERINDBAD
31189	79d5	oa	OAFAILISSET
31190	79d6	oa	OACONV_FAIL
31191	79d7	oa	OABADMORE
31192	79d8	oa	OALINEDATA_BAD
31193	79d9	oa	OACBADPARM
31194	79da	oa	OA5BADBNUM
31195	79db	oa	OA5BBOPTINV
31196	79dc	oa	OA5BDEISVER
31197	79dd	oa	OA5BDN_DCNT
31198	79de	oa	OA5BDN_MISS
31199	79df	oa	OA5BINIT
31200	79e0	oa	OA5BNUM_CHG

23. 5E12 Numeric Index: 31201-32870

ERROR CODE	PRM CODE	RANGE	MNEMONIC
31201	79e1	oa	OA5BOPTINV
31202	79e2	oa	OA5B_NMATCH
31203	79e3	oa	OA5CIDOOR
31204	79e4	oa	OA5COC_CHG
31205	79e5	oa	OA5DIOR_ICS
31206	79e6	oa	OA5MSGTYPEFL
31207	79e7	oa	OA5NO_SRV
31208	79e8	oa	OA5SRV_BDN
31209	79e9	oa	OA5XBMOVFL
31210	79ea	oa	OA5XBTYP
31211	79eb	oa	OA5XMTYPEFL
31212	79ec	oa	OA5_APPCDOOR
31213	79ed	oa	OADNRA_C7ER
31214	79ee	oa	OANRAINCON
31215	79ef	oa	OACRDPRD
31216	79f0	oa	OASS7AILS
31217	79f1	oa	OAUNXDESTTYPE
31218	79f2	oa	OA6BDEISVER
31219	79f3	oa	OA6BCALL_TR
31220	79f4	oa	OA6BDTMF_OPT
31221	79f5	oa	OA6XMTYPEFL
31222	79f6	oa	OA6RTNFL
31223	79f7	oa	OA6CNMFL
31224	79f8	oa	OA6XBTYP
31225	79f9	oa	OA6XBMOVFL
31226	79fa	oa	OA6MOD_MISS
31227	79fb	oa	OA6_AAPCDOOR
31228	79fc	oa	OA6MSGTYPEFL
31229	79fd	oa	OA6LTKO
31230	79fe	oa	OA6RTE_FL
31231	79ff	oa	OA6BNMF
31232	7a00	oa	OAATCMSGBAD
31233	7a01	oa	OABAD_LNP_HEAD
31234	7a02	oa	OAMISS_LNP_NXX
31235	7a03	oa	OALNPOPRKTFL
31236	7a04	oa	OACHCON_NOS
31237	7a05	oa	OALNPDBBAD
31238	7a06	oa	OALNPPARBD
31239	7a07	oa	OALNP_DAFL
31240	7a08	oa	OA HAR_STAT
31241	7a09	oa	OAOT_P_ERR
31242	7a0a	oa	OA FWD_A_ERR
31243	7a0b	oa	OA7BADHIL
31244	7a0c	oa	OA7INVMSG
31245	7a0d	oa	OA7INVMSG
31258	7a1a	oa	OA7LTKO
31305	7a49	ccsph	CCBADUPD
31306	7a4a	ccsph	CCPHDASPP
31307	7a4b	ccsph	CCPKTSEQ
31308	7a4c	ccsph	CCBADSEQ
31309	7a4d	ccsph	CCNOWP
31310	7a4e	ccsph	CCBADMSG
31311	7a4f	ccsph	CCBADDATA
31312	7a50	ccsph	CCDATA CORR
31313	7a51	ccsph	CCPKTTRAN
31314	7a52	ccsph	CCPKTST
31315	7a53	ccsph	CCPKTBDOFF
31316	7a54	ccsph	CCPKTUNTB
31317	7a55	ccsph	CCUNWGTMMSG
31318	7a56	ccsph	CCUNWAIT
31319	7a57	ccsph	CCWAKEUP
31320	7a58	ccsph	CCBSTCKSUM
31321	7a59	ccsph	CCBADPINFO
31322	7a5a	ccsph	CCBADPEOT
31323	7a5b	ccsph	CCBADPBUF
31324	7a5c	ccsph	CCBADTYP
31325	7a5d	ccsph	CCBADSS
31326	7a5e	ccsph	CCBADOPER
31327	7a5f	ccsph	CCBADICT
31328	7a60	ccsph	CCBADKEY

31329	7a61	ccsph	CCBADTID
31330	7a62	ccsph	CCTBLFUL
31331	7a63	ccsph	CCACKFAIL
31332	7a64	ccsph	CCICRBAD
31333	7a65	ccsph	CCLAB7NUM
31334	7a66	ccsph	CCICRODD
31335	7a67	ccsph	CCOPCIBAD
31336	7a68	ccsph	CCDUPINS
31337	7a69	ccsph	CCOPCNUM
31338	7a6a	ccsph	CCABADOPCI
31339	7a6b	ccsph	CCBADCRANGE
31340	7a6c	ccsph	CCAOPCNUM
31341	7a6d	ccsph	CCBADDEL
31342	7a6e	ccsph	CCBADNUMCIC
31343	7a6f	ccsph	CCOPCIDX
31344	7a70	ccsph	CCPHRDERR
31345	7a71	ccsph	CCBDCKSUM
31346	7a72	ccsph	CCCKSUMBAD
31347	7a73	ccsph	CCSDSLRATE
31348	7a74	ccsph	CCDREQFAIL
31349	7a75	ccsph	CCPKTTOTBL
31350	7a76	ccsph	CCTBLEMPY
31351	7a77	ccsph	CCBADSM
31352	7a78	ccsph	CCNODPCI
31353	7a79	ccsph	CCNOTRUNK
31354	7a7a	ccsph	CCLOMEMPH
31355	7a7b	ccsph	CCBDPCKSUM
31356	7a7c	ccsph	CCBAPCKSUM
31357	7a7d	ccsph	CCRDBRST
31358	7a7e	ccsph	CCRDBLINK
31359	7a7f	ccsph	CCNOPHRDB
31360	7a80	ccsph	CCINVSDRQ
31361	7a81	ccsph	CCD2PFIN
31362	7a82	ccsph	CCP2DPMM
31363	7a83	ccsph	CCRINRAR
31364	7a84	ccsph	CCARDNOP
31365	7a85	ccsph	CCRDBCNT
31366	7a86	ccsph	CCEXDPSG
31367	7a87	ccsph	CCTFSTFUNC
31368	7a88	ccsph	CCTFPROCSTATE
31369	7a89	ccsph	CCTFBADDSEG
31370	7a8a	ccsph	CCTFIT8ID
31371	7a8b	ccsph	CCBMDPCI
31372	7a8c	ccsph	CCBMADPCI
31373	7a8d	ccsph	CCBMSEGIDX
31374	7a8e	ccsph	CCTFINVS
31375	7a8f	ccsph	CCTFINVA
31376	7a90	ccsph	CCTFINVD
31377	7a91	ccsph	CCTFNULL
31378	7a92	ccsph	CCTFINVT
31379	7a93	ccsph	CCTFT8AE
31380	7a94	ccsph	CCTFSPCE
31381	7a95	ccsph	CCTFIPLN
31382	7a96	ccsph	CCTFIVACNT
31383	7a97	ccsph	CCTFIVDSEG
31384	7a98	ccsph	CCTFIVDGRP
31385	7a99	ccsph	CCTFIVDBIT
31386	7a9a	ccsph	CCTFIVD0
31387	7a9b	ccsph	CCTFIVA0
31388	7a9c	ccsph	CCTFIVABIT
31389	7a9d	ccsph	CCTFITFX
31390	7a9e	ccsph	CCTFT8AI
31391	7a9f	ccsph	CCSSDIVA
31392	7aa0	ccsph	CCTFITDB
31393	7aa1	ccsph	CCDDBOWNBAD
31394	7aa2	ccsph	CCDDBLNKBAD
31395	7aa3	ccsph	CCRCGBAD
31396	7aa4	ccsph	CCDDBCNTBAD
31397	7aa5	ccsph	CCDDBIDLE
31398	7aa6	ccsph	CCRCGFAIL
31399	7aa7	ccsph	CCDDBFAIL
31400	7aa8	ccsph	CCBLSIKSUM

31401	7aa9	ccsph	CCDISOFF
31402	7aaa	ccsph	CCDISLSG
31403	7aab	ccsph	CCDISILS
31404	7aac	ccsph	CCDISDPC
31405	7aad	ccsph	CCINVPST
31406	7aae	ccsph	CCINVPKT
31407	7aaf	ccsph	CCPCLENBAD
31408	7ab0	ccsph	CCACBDSTATE
31409	7ab1	ccsph	CCSCVERE
31505	7b11	amapp	AMKINVCODE
31506	7b12	amapp	AMKNORCD
31555	7b43	pr	PRAUNONE
31556	7b44	pr	PRAUTKQUE
31557	7b45	pr	PRAUTKOWNER
31558	7b46	pr	PRAUPCBLA
31559	7b47	pr	PRPSIPTST
31560	7b48	pr	PRIECP_BAD
31561	7b49	pr	PRPSBILLDN
31562	7b4a	pr	PRPSRIPSN
31563	7b4b	pr	PRPSGP_PRT
31564	7b4c	pr	PRFCTRUNK
31565	7b4d	pr	PRMSGBAD
31566	7b4e	pr	PRDATABAD
31567	7b4f	pr	PRCSTCUG
31568	7b50	pr	PRPVCINF
31569	7b51	pr	PRGROUP_PRT
31570	7b52	pr	PRAURTMPG
31571	7b53	pr	PRPVCFCL_BAD
31572	7b54	pr	PRPVCRDN
31573	7b55	pr	PRNO_ISMPTH
31574	7b56	pr	PRBAD_DATBL
31575	7b57	pr	PROFFICE
31576	7b58	pr	PRPSMHG
31577	7b59	pr	PRPSPT
31578	7b5a	pr	PRRDLNSTAT
31579	7b5b	pr	PRPORT_GRP
31580	7b5c	pr	PRRDGLNSTAT
31581	7b5d	pr	PRAURTMHG
31582	7b5e	pr	PRPSPN_RI
31583	7b5f	pr	PRPSLINKPT
31584	7b60	pr	PRAURTRKKG
31585	7b61	pr	PRRT_MHG
31586	7b62	pr	PREQUIPDSL
31587	7b63	pr	PRCUGCST
31588	7b64	pr	PRGPVCFCL_BAD
31589	7b65	pr	PRMDR_GP
31590	7b66	pr	PRPSL3TRKG
31591	7b67	pr	PRPBGINFO
31592	7b68	pr	PRFACMISSING
32255	7dff	fp	FPNFTLDB
32256	7e00	fp	FPUNXMSG
32257	7e01	fp	FPBADVALUE
32258	7e02	fp	FPBADPDB
32259	7e03	fp	FPBADSTATE
32260	7e04	fp	FPBADTCOS
32261	7e05	fp	FPBADRET
32262	7e06	fp	FPBADPARM
32263	7e07	fp	FP911TBAD
32264	7e08	fp	FP0001
32265	7e09	fp	FP0003
32266	7e0a	fp	FP0004
32267	7e0b	fp	FP0005
32268	7e0c	fp	FP0010
32269	7e0d	fp	FP0012
32270	7e0e	fp	FPPCCLSPP
32271	7e0f	fp	FPCLMDSPP
32272	7e10	fp	FP0028
32273	7e11	fp	FP0029
32274	7e12	fp	FP0030
32275	7e13	fp	FP0031
32276	7e14	fp	FP0032
32277	7e15	fp	FP0033

32278	7e16	fp	FP0034
32279	7e17	fp	FP0039
32280	7e18	fp	FP0040
32281	7e19	fp	FP0041
32282	7e1a	fp	FP0042
32283	7e1b	fp	FP0046
32284	7e1c	fp	FPDI_COMP
32285	7e1d	fp	FP0048
32286	7e1e	fp	FP0049
32287	7e1f	fp	FPUNXEISMSG
32288	7e20	fp	FPNVLSCFID
32289	7e21	fp	FP0062
32290	7e22	fp	FP0074
32291	7e23	fp	FP0080
32292	7e24	fp	FP0081
32293	7e25	fp	FP0113
32294	7e26	fp	FPARSEGSIG
32295	7e27	fp	FPMDRPORT
32296	7e28	fp	FPMDRINVGPID
32297	7e29	fp	FPMDRGP
32298	7e2a	fp	FPDNFEAT
32299	7e2b	fp	FPTRMFEAT
32300	7e2c	fp	FCSDNBDBF
32301	7e2d	fp	FPBAD4WIRE
32302	7e2e	fp	FP4WDRNG
32303	7e2f	fp	FPARTCM
32304	7e30	fp	FPTCMOBF
32305	7e31	fp	FPFCLINE
32306	7e32	fp	FPDNFEA2
32307	7e33	fp	FPFCPORTYP
32308	7e34	fp	FPGLRE3
32309	7e35	fp	FPARCF
32310	7e36	fp	FPARGP
32311	7e37	fp	FPARPORT
32312	7e38	fp	FPSC_CF
32313	7e39	fp	FPDR_LTM
32314	7e3a	fp	FPPF_TKDN
32315	7e3b	fp	FPPU_LTM
32316	7e3c	fp	FPTG_CF
32317	7e3d	fp	FPE9TKESCO
32318	7e3e	fp	FP_911TRNK
32319	7e3f	fp	FP_ANOUNCE
32320	7e40	fp	FP_CARR
32321	7e41	fp	FP_COINCHG
32322	7e42	fp	FP_DIRCON
32323	7e43	fp	FP_SERCOMP
32324	7e44	fp	FP_TRUNK
32325	7e45	fp	FPDNBFG
32326	7e46	fp	FPTRMBFG
32327	7e47	fp	FPPUG_SM
32328	7e48	fp	FPBADQUE
32329	7e49	fp	FPBFGARPORT
32330	7e4a	fp	FPBFGTG_LTMER
32331	7e4b	fp	FPICLIDIX
32332	7e4c	fp	FPICLIDDB
32333	7e4d	fp	FPFC_OPERTRK
32334	7e4e	fp	FPRT_SCRNING
32335	7e4f	fp	FPCHRGRIDXEXP
32336	7e50	fp	FPCHGTBL
32337	7e51	fp	FPGETCHT
32338	7e52	fp	FPIMTGRPS
32339	7e53	fp	FPPF_CPSL
32340	7e54	fp	FPFC_TDIRC
32341	7e55	fp	FPEDSLTRKG
32342	7e56	fp	FPRTROUTING
32343	7e57	fp	FPFC_WZ1
32344	7e58	fp	FPTONETY
32345	7e59	fp	FPTATYPE
32346	7e5a	fp	FPLTSBPORT
32347	7e5b	fp	FPDATIMER
32348	7e5c	fp	FPEAIIDIGS
32349	7e5d	fp	FPSPABILLDN

32350	7e5e	fp	FPSDNBRET
32351	7e5f	fp	FPLNDGST
32352	7e60	fp	FPTKDGST
32353	7e61	fp	FPPCONF1
32354	7e62	fp	FPPCONF2
32355	7e63	fp	FPMWCF
32356	7e64	fp	FPTG_LTMR
32357	7e65	fp	FP_4WIRE
32358	7e66	fp	FPRT_TRKG
32359	7e67	fp	FPPP_CF
32360	7e68	fp	FPPORTGRP
32361	7e69	fp	FPRTMHG
32362	7e6a	fp	FPDIGSTR
32363	7e6b	fp	FPDAPRL1
32364	7e6c	fp	FPDAPRL2
32365	7e6d	fp	FPDAPRL
32366	7e6e	fp	FPGLR_NC
32367	7e6f	fp	FCLTSBPORT
32368	7e70	fp	FPAMCMCID
32369	7e71	fp	ISFCLINE
32370	7e72	fp	FCBADVAL
32371	7e73	fp	FPSCDSCRN
32372	7e74	fp	FPBFGMDR_PORT
32373	7e75	fp	FPDSU2NRS
32374	7e76	fp	FPSCM_NSCM
32375	7e77	fp	FPLNBRET
32376	7e78	fp	FPLNDAS
32377	7e79	fp	FPLNPKG
32378	7e7a	fp	FPSDNPKG
32379	7e7b	fp	FPNS_TNLNK
32380	7e7c	fp	FPASP_DC
32381	7e7d	fp	FPLINE_SCN
32382	7e7e	fp	FPBADBILDN
32383	7e7f	fp	FPBORIGCOS
32384	7e80	fp	FPBTERMCOS
32385	7e81	fp	FPATMPT_OVLP
32386	7e82	fp	FPOFFICECODE
32387	7e83	fp	FPBADTC
32388	7e84	fp	FPBDCITP
32389	7e85	fp	FPBDACTP
32390	7e86	fp	FPNODEST
32391	7e87	fp	FPNOEAO
32392	7e88	fp	FPBADSIG
32393	7e89	fp	FPDIGDPT
32394	7e8a	fp	FPBFGPORT
32395	7e8b	fp	FPCKT_PORT
32396	7e8c	fp	FPPORTTYP
32397	7e8d	fp	FPNULPORT
32398	7e8e	fp	FPBFG_ASI
32399	7e8f	fp	FPASI_PORT
32400	7e90	fp	FPASI_GP
32401	7e91	fp	FPASI_CF
32402	7e92	fp	FPOW_BADCICALL
32403	7e93	fp	FPAMTKGP
32404	7e94	fp	FPDCACVTER
32405	7e95	fp	FPTGLTM
32406	7e96	fp	FPCONF_TYPE
32407	7e97	fp	FPRDANITB
32408	7e98	fp	FPUTTRK
32409	7e99	fp	FPRDLDPCBT
32410	7e9a	fp	FPINVTNSC
32411	7e9b	fp	FPINVTNSC2DAS
32412	7e9c	fp	FPTGNTNSC
32413	7e9d	fp	FPLDPTNSC
32755	7ff3	rc	RCACSRCORPT
32756	7ff4	rc	RCOSREASON
32757	7ff5	rc	RCOSERROR
32758	7ff6	rc	RCDERR1
32759	7ff7	rc	RCDERR2
32760	7ff8	rc	RCINTERR
32855	8057	fita	FIQVINVT
32856	8058	fita	FI0001

32857	8059	fita	FIQVUXSTATUS
32858	805a	fita	FI0003
32859	805b	fita	FI0004
32860	805c	fita	FI0040
32861	805d	fita	FIMPGPERR
32862	805e	fita	FIMPMSGERR
32863	805f	fita	FIEODPSOP
32864	8060	fita	FIRTDNMOD
32865	8061	fita	FIRT_DNTRAN
32866	8062	fita	FIFBDPB
32867	8063	fita	FIFBTEDB
32868	8064	fita	FIFCLINE
32869	8065	fita	FIINVREASON
32870	8066	fita	FI0BNFEAT

24. 5E12 Numeric Index: 32871-40640

ERROR CODE	PRM CODE	RANGE	MNEMONIC
32871	8067	fita	FIOBERRMSG
32872	8068	fita	FIOBSPH
32873	8069	fita	FIOBPHR
32874	806a	fita	FIOBBAD
32875	806b	fita	FIOBUNR
32876	806c	fita	FIOBWGM
32877	806d	fita	FIPACK_NLOADED
32878	806e	fita	FIPORTGRP
32879	806f	fita	FIPSENDASRT
32880	8070	fita	FITERMCA
32881	8071	fita	FIACSR_GRP
32882	8072	fita	FIACSR_OPT
32883	8073	fita	FIDSL_EQUIP
32884	8074	fita	FINOCCODE
32885	8075	fita	FISPID
32886	8076	fita	FIEDSLGPRT
32887	8077	fita	FIEDSLTRKG
32888	8078	fita	FINSFMAP
32889	8079	fita	FINFTLDB
32890	807a	fita	FIBADVALUE
32891	807b	fita	FIFPCDA
32892	807c	fita	FIGETDALB
32893	807d	fita	FI0114
32895	807f	fita	FCSDNBDBF
32896	8080	fita	FICPNBNCF
32897	8081	fita	FICLMSPP
32898	8082	fita	FIFC_TRUNK
32899	8083	fita	FILPTSPID
32900	8084	fita	FISHTERM
32901	8085	fita	FIUUICHK
32902	8086	fita	FIISLINE
32903	8087	fita	FIBFGPP_LTM
32904	8088	fita	FIFCPORTYP
32905	8089	fita	FINOFEATBN
32906	808a	fita	FIPP_LTM
32907	808b	fita	FITATYPE
32908	808c	fita	FICLSUSPP
32909	808d	fita	FITPUNXMSG
32910	808e	fita	FIUNXMSG
32911	808f	fita	FIBFGPORT
32912	8090	fita	FINULPORT
32913	8091	fita	FIDNLPT
32914	8092	fita	FIDSP_ACN
32915	8093	fita	FIDSP_RMSG
32916	8094	fita	FIDSP_SWTCH
32917	8095	fita	FIGOTEDA
32918	8096	fita	FIACDPOSDB
32919	8097	fita	FIDATIMER
32920	8098	fita	FINOSTINFO
32921	8099	fita	FIDNFEATS
32922	809a	fita	FIAPCCC
32923	809b	fita	FICVALCE
32924	809c	fita	FICVCORD

32925	809d	fita	FICVDBRF
32926	809e	fita	FICVEBADS
32927	809f	fita	FICVLNKE
32928	80a0	fita	FICVMPRT
32929	80a1	fita	FICVSDLK
32930	80a2	fita	FICVUXEV
32931	80a3	fita	FIFAPERR
32932	80a4	fita	FIFCTRNM
32933	80a5	fita	FICVBADS
32934	80a6	fita	FIWBTBLOCK
32935	80a7	fita	FIPRISTAT
32936	80a8	fita	FIACDSPI
32937	80a9	fita	FIACDMSG
32938	80aa	fita	FIFBNOTEDB
32939	80ab	fita	FIAFITPI
32940	80ac	fita	FIACDINF
32941	80ad	fita	FIAUTEDB
32942	80ae	fita	FIACDINP
32943	80af	fita	FIO PSTLVL
32944	80b0	fita	FIORNOCT
32945	80b1	fita	FIAFICWA
32946	80b2	fita	FIAFIUNXTAG
32947	80b3	fita	FIAFIUXXMSG
32948	80b4	fita	FIINVINIT
32949	80b5	fita	FIINVRSN
32950	80b6	fita	FIINVTMR
32951	80b7	fita	FIQVUXTYPE
32952	80b8	fita	FIQVUXMSG
32953	80b9	fita	FIQVUXPROC
32954	80ba	fita	FIOFFICECODE
32955	80bb	fita	FINOCTINFO
32956	80bc	fita	FIMBUNEXP
32957	80bd	fita	FIMBNOMSG
32958	80be	fita	FIMBBADMSG
32959	80bf	fita	FIMBUXMG
32960	80c0	fita	FIMBBADSTATE
32961	80c1	fita	FIMBBADRET
32962	80c2	fita	FIMBBADPAR
32963	80c3	fita	FIAFIMSGNR
32964	80c4	fita	FIBSTPOSDB
32965	80c5	fita	FIAUACDPOSDB
32966	80c6	fita	FIAUACDINFO
32967	80c7	fita	FIAFIGNE
32968	80c8	fita	FIINAFIR
32969	80c9	fita	FI0034
32970	80ca	fita	FI0042
32971	80cb	fita	FI_ANOUNCE
32972	80cc	fita	FIBADBRG
32973	80cd	fita	FIAUDALB
32974	80ce	fita	FIAUDPB
32975	80cf	fita	FIBADPARM
32976	80d0	fita	FIPCOPSP
32977	80d1	fita	FIRT_SCRNING
32979	80d3	fita	FIACDIDS
32980	80d4	fita	FIACDENT
32981	80d5	fita	FIPP_TRUNK
32982	80d6	fita	FIPP_CF
32983	80d7	fita	FINOE9ACD
32984	80d8	fita	FITPCIPG
32985	80d9	fita	FITPCSP1
32986	80da	fita	FITPCSP2
32987	80db	fita	FITPCSP3
32988	80dc	fita	FIRT_TRKG
32989	80dd	fita	FIGETPTLA
32990	80de	fita	FIBADMSG
32991	80df	fita	FITSMTRING
32992	80e0	fita	FITSM_BMAP
32993	80e1	fita	FITPCINV
32994	80e2	fita	FITSM_BTN
32995	80e3	fita	FILPT_PT
32996	80e4	fita	FISCRANG
32997	80e5	fita	FINO_FENPA

32998	80e6	fita	FINPASRC
32999	80e7	fita	FILTSBPORT
33000	80e8	fita	FILTM_PORT
33355	824b	rita	RIAUNONE
33356	824c	rita	RIDESTROY
33357	824d	rita	RIAUDALB
33358	824e	rita	RIAUPDB
33359	824f	rita	RIDSLEQUIP
33360	8250	rita	RIFAP_FAIL
33361	8251	rita	RISPID
33362	8252	rita	RICRPT_DATA
33363	8253	rita	RIAUTEDB
33364	8254	rita	RIFC_LINE
33365	8255	rita	RIFC_PORTTYP
33366	8256	rita	RIAUPCBLA
33367	8257	rita	RIIS_LINE
33368	8258	rita	RIAUBRCADB
33369	8259	rita	RIAUPORTLA
33370	825a	rita	RIBREQ_INV
33371	825b	rita	RISTCMD_INV
33372	825c	rita	RIPORT_GROUP
33373	825d	rita	RIAULTMSTAT
33374	825e	rita	RIBSEL_INV
33375	825f	rita	RIINV_BIND
33376	8260	rita	RILPT_SPID
33377	8261	rita	RIINV_SOPREQ
33378	8262	rita	RISOPRET_INV
33379	8263	rita	RIBIP_SC_INV
33380	8264	rita	RINIP_SC_INV
33381	8265	rita	RIPTPRET_INV
33382	8266	rita	RIMPRET_INV
33383	8267	rita	RIUNB_SOP_INV
33384	8268	rita	RIB_SOP_INV
33385	8269	rita	RINDN_SOP_INV
33386	826a	rita	RISPID_RQ_INV
33387	826b	rita	RIINV_SPID_PTP
33388	826c	rita	RIRET_SPID_INV
33389	826d	rita	RITEI_PORT_INV
33390	826e	rita	RIUNB_REQ_INV
33391	826f	rita	RIAUTEILA
33392	8270	rita	RIEDSLDCHN
33393	8271	rita	RIPXS25LN
33394	8272	rita	RIAUDISPDB
33395	8273	rita	RIDN_FEATS
33396	8274	rita	RILPT_PT
33397	8275	rita	RIPSAPISLINE
33398	8276	rita	RICHK_SC_INV
33399	8277	rita	RINOCODE
33400	8278	rita	RIISTERM
33401	8279	rita	RITERMKYDN
33402	827a	rita	RIREQSRV_INV
33404	827c	rita	RIDN_LPT
33406	827e	rita	RIINVDEVENT
33407	827f	rita	RIPRISTAT
33408	8280	rita	RIPRIFACS
33409	8281	rita	RIFC_TRUNK
33412	8284	rita	RIAUCDPOADB
33413	8285	rita	RIPRIGRP
33414	8286	rita	RIBRGAFAIL
33415	8287	rita	RIFAILBRGA
33416	8288	rita	RIBRGFAILL
33417	8289	rita	RIBRGLFAIL
33418	828a	rita	RISTACDPOADB
33420	828c	rita	RIAUPDU
33421	828d	rita	RIWBTBLOCK
33422	828e	rita	RIBFGPORT
33423	828f	rita	RIBADARG
33424	8290	rita	RICVSTATE
33425	8291	rita	RIINSDYN
33426	8292	rita	RIRGLPRM
33427	8293	rita	RIUGLPRM
33428	8294	rita	RIRETROINT

33429	8295	rita	RIPFIXTEI
33430	8296	rita	RIAGACDPOSDB
33431	8297	rita	RIFDAPC
33432	8298	rita	RIOFFICECODE
33755	83db	ct	CTMG_BAD
33756	83dc	ct	CTCHKOPEN
33757	83dd	ct	CTCHIOCTL
33758	83de	ct	CTCHGWBUF
33759	83df	ct	CTCHRECV
33760	83e0	ct	CTCHXMIT
33761	83e1	ct	CTMSGQFAIL
33762	83e2	ct	CTBADDTRG
33763	83e3	ct	CTNOBUF
33764	83e4	ct	CTBADDATA
33765	83e5	ct	CTOS_BAD
33766	83e6	ct	CTCLASS_BAD
33767	83e7	ct	CTDBLAB6_BAD
33768	83e8	ct	CTRETCODE_BAD
33769	83e9	ct	CTDBPCI_BAD
33770	83ea	ct	CTAMTOUP_BAD
33771	83eb	ct	CTIMS3BRD
33772	83ec	ct	CTIMS3BWT
33773	83ed	ct	CTIMSBFR
33774	83ee	ct	CTIMSOPEN
33775	83ef	ct	CTIMSWRT
33776	83f0	ct	CTIPMHD
33777	83f1	ct	CTTRSPENT
33778	83f2	ct	CTRNBF0V
33779	83f3	ct	CTADSIENT
33780	83f4	ct	CTADSIUMSG
33781	83f5	ct	CTDSICRPT
33782	83f6	ct	CTDSIIENT
33783	83f7	ct	CTDSIINSPRC
33784	83f8	ct	CTDSIUSG
33785	83f9	ct	CTDDBENTRY
33786	83fa	ct	CTDDBINIT
33787	83fb	ct	CTDDBMPRO
33788	83fc	ct	CTDDBMSG
33789	83fd	ct	CTDDBOPER
33790	83fe	ct	CTDDBRCMP
33791	83ff	ct	CTDDBRELID
33792	8400	ct	CTDDBUNPRO
33793	8401	ct	CTNOBFR
33794	8402	ct	CTNOQUE
33795	8403	ct	CTTRIG_BREL
33796	8404	ct	CTTRIG_ROP
33797	8405	ct	CTDBLAB7_BAD
33798	8406	ct	CTLAB6PCI
33799	8407	ct	CTDSISND
33800	8408	ct	CTNODLNMSG
33801	8409	ct	CTDBTC_AP
33802	840a	ct	CTDBTC_SS
33803	840b	ct	CTSSNIS
33804	840c	ct	CTSSNOOS
33805	840d	ct	CTDLNINV
33806	840e	ct	CT_MSGBAD
33807	840f	ct	CTTCBLEN
33808	8410	ct	CTDDRDERR
33905	8471	trc	TRBADMSG
33906	8472	trc	TRBAD_SM
33907	8473	trc	TRSYSPROC
33915	847b	pcs	PCSBADARG
33916	847c	pcs	PCSRGLPRM
33917	847d	pcs	PCSUGLPRM
33918	847e	pcs	PCSINSYDYN
33919	847f	pcs	PCSATHCUD
33920	8480	pcs	PCSATHCSD
33922	8482	pcs	PCSTEN2REG
33923	8483	pcs	PCSUNXRPMSG
33925	8485	pcs	PCSAMUNXINP
33926	8486	pcs	PCSBADSUDB
33927	8487	pcs	PCSDNIDX

33928	8488	pcs	PCSTIDIDX
33929	8489	pcs	PCSBADVLR
33930	848a	pcs	PCSAUNXMSG
33931	848b	pcs	PCSPORT2VSM
33932	848c	pcs	PCSTIDGRP
33934	848e	pcs	PCSRPCU2NDN
33936	8490	pcs	PCSFINHDD
33937	8491	pcs	PCSLSDHD
33938	8492	pcs	PCSSUBDATA
33939	8493	pcs	PCSPCS_HLR
33940	8494	pcs	PCSNOCODE
33941	8495	pcs	PCSRSHCSD
33942	8496	pcs	PCSBADHSKEY
33943	8497	pcs	PCSREGDATA
34015	84df	cd	CD1MSG
34016	84e0	cd	CDBADARG
34017	84e1	cd	CDINSYN
34018	84e2	cd	CDQVSTATE
34019	84e3	cd	CDRGLPRM
34020	84e4	cd	CDUGLPRM
34021	84e5	cd	CDIAGTID
34022	84e6	cd	CDILGDEF
34023	84e7	cd	CDIAGTPOS
34024	84e8	cd	CDISTPARM
34025	84e9	cd	CDISVDEF
34026	84ea	cd	CDCQMASK
34027	84eb	cd	CDICQPARM
34028	84ec	cd	CDICQDEF
34029	84ed	cd	CDIHC_CLLQ
34030	84ee	cd	CDICQGP1
34031	84ef	cd	CDICQCLTQ
34032	84f0	cd	CDICLLQDB
34033	84f1	cd	CDICQLNK
34034	84f2	cd	CDIACD_POS
34035	84f3	cd	CDISRDEF
34036	84f4	cd	CDISRVQDB
34037	84f5	cd	CDIHC_SRVQ
34038	84f6	cd	CDISRVQ_HC
34039	84f7	cd	CD_WHAT
34040	84f8	cd	CDBADYRET
34041	84f9	cd	CDAUSRVQDB
34042	84fa	cd	CDAUAGTPOS
34043	84fb	cd	CDTLGERRN
34044	84fc	cd	CDTLGDEF
34045	84fd	cd	CDSTPARM
34046	84fe	cd	CDAUHC_CLLQ
34047	84ff	cd	CD2MSG
34048	8500	cd	CDCQPARM
34049	8501	cd	CDAGENTID
34050	8502	cd	CDDSRVQ_HC
34051	8503	cd	CDDHC_CLLQ
34052	8504	cd	CDAUCLLQDB
34053	8505	cd	CDGLCLLQDB
34054	8506	cd	CDRMHSRVQ
34055	8507	cd	CDRMHCLLQ
34056	8508	cd	CDAUGHCLLQ
34057	8509	cd	CDAUGHSRVQ
34215	85a7	rpalm	HMRP00
34216	85a8	rpalm	HMRP01
34217	85a9	rpalm	HMRP02
34218	85aa	rpalm	HMRP03
34219	85ab	rpalm	HMRP04
34220	85ac	rpalm	HMRP05
34221	85ad	rpalm	HMRP06
34222	85ae	rpalm	HMRP07
34223	85af	rpalm	HMRP08
34224	85b0	rpalm	HMRP09
34225	85b1	rpalm	HMRP10
34226	85b2	rpalm	HMRP11
40600	9e98	db	DBAC0000
40601	9e99	db	DBAC0001
40602	9e9a	db	DB_TYP_ERR

40603	9e9b	db	DB_FULL
40604	9e9c	db	DB_BID_ERR
40605	9e9d	db	DB_SIZE_ERR
40606	9e9e	db	DB_FREE_ERR
40607	9e9f	db	DBAC0007
40608	9ea0	db	DBAC0008
40609	9ea1	db	DBAC0009
40610	9ea2	db	DBAC0010
40611	9ea3	db	DBAC0011
40612	9ea4	db	DBAC0012
40613	9ea5	db	DBAC0013
40614	9ea6	db	DBAC0014
40615	9ea7	db	DBAC0015
40616	9ea8	db	DBAC0016
40617	9ea9	db	DBAC0017
40618	9eaa	db	DBAC0018
40619	9eab	db	DBAC0019
40620	9eac	db	DBAC0020
40621	9ead	db	DBAC0021
40622	9eae	db	DBAC0022
40623	9eaf	db	DBAC0023
40624	9eb0	db	DBAC0024
40625	9eb1	db	DBAC0025
40626	9eb2	db	DBAC0026
40627	9eb3	db	DBAC0027
40628	9eb4	db	DBAC0028
40629	9eb5	db	DBAC0029
40630	9eb6	db	DBAC0030
40631	9eb7	db	DBAC0031
40632	9eb8	db	DBAC0032
40633	9eb9	db	DBAC0033
40634	9eba	db	DBAC0034
40635	9ebb	db	DBAC0035
40636	9ebc	db	DBAC0036
40637	9ebd	db	DBAC0037
40638	9ebe	db	DBAC0038
40639	9ebf	db	DBAC0039
40640	9ec0	db	DBAC0040

25. 5E12 Numeric Index: 40641-41020

ERROR CODE	PRM CODE	RANGE	MNEMONIC
40641	9ec1	db	DBAC0041
40642	9ec2	db	DBAC0042
40643	9ec3	db	DBAC0043
40644	9ec4	db	DBAC0044
40645	9ec5	db	DBAC0045
40646	9ec6	db	DBSZFAIL
40647	9ec7	db	DBAC0047
40648	9ec8	db	DBAC0048
40649	9ec9	db	DBAC0049
40650	9eca	db	DBAC0050
40651	9ecb	db	DBAC0051
40652	9ecc	db	DBAC0052
40653	9ecd	db	DBAC0053
40654	9ece	db	DBAC0054
40655	9ecf	db	DBAC0055
40656	9ed0	db	DBAC0056
40657	9ed1	db	DBAC0057
40658	9ed2	db	DBAC0058
40659	9ed3	db	DBAC0059
40660	9ed4	db	DBAC0060
40661	9ed5	db	DBAC0061
40662	9ed6	db	DBAC0062
40663	9ed7	db	DBAC0063
40664	9ed8	db	DBAC0064
40665	9ed9	db	DBAC0065
40666	9eda	db	DBAC0066
40667	9edb	db	DBAC0067
40668	9edc	db	DBAC0068
40669	9edd	db	DBAC0069

40670	9ede	db	DBAC0070
40671	9edf	db	DBAC0071
40672	9ee0	db	DBAC0072
40673	9ee1	db	DBAC0073
40674	9ee2	db	DBAC0074
40675	9ee3	db	DBAC0075
40676	9ee4	db	DBAC0076
40677	9ee5	db	DBAC0077
40678	9ee6	db	DBAC0078
40679	9ee7	db	DBAC0079
40680	9ee8	db	DBAC0080
40681	9ee9	db	DBAC0081
40682	9eea	db	DBAC0082
40683	9eeb	db	DBAC0083
40684	9eec	db	DBAC0084
40685	9eed	db	DBAC0085
40686	9eee	db	DBAC0086
40687	9eef	db	DBAC0087
40688	9ef0	db	DBLGTMSPC
40689	9ef1	db	DBAC0089
40690	9ef2	db	DBAC0090
40691	9ef3	db	DBAC0091
40692	9ef4	db	DBAC0092
40693	9ef5	db	DBAC0093
40694	9ef6	db	DBAC0094
40695	9ef7	db	DBAC0095
40696	9ef8	db	DBAC0096
40697	9ef9	db	DBAC0097
40698	9efa	db	DBAC0098
40699	9efb	db	DBAC0099
40700	9efc	db	DBAC0100
40701	9efd	db	DBAC0101
40702	9efe	db	DBAC0102
40703	9eff	db	DBAC0103
40704	9f00	db	DBAC0104
40705	9f01	db	DBAC0105
40706	9f02	db	DBAC0106
40707	9f03	db	DBAC0107
40708	9f04	db	DBAC0108
40709	9f05	db	DBAC0109
40710	9f06	db	DBAC0110
40711	9f07	db	DBAC0111
40712	9f08	db	DBAC0112
40713	9f09	db	DBAC0113
40714	9f0a	db	DBAC0114
40715	9f0b	db	DBAC0115
40716	9f0c	db	DBAC0116
40717	9f0d	db	DBAC0117
40718	9f0e	db	DBAC0118
40719	9f0f	db	DBAC0119
40720	9f10	db	DBAC0120
40721	9f11	db	DBAC0121
40722	9f12	db	DBAC0122
40724	9f14	db	DBAC0124
40725	9f15	db	DBAC0125
40726	9f16	db	DBAC0126
40728	9f18	db	DBAC0128
40729	9f19	db	DBAC0129
40730	9f1a	db	DBAC0130
40731	9f1b	db	DBAC0131
40732	9f1c	db	DBAC0132
40733	9f1d	db	DBAC0133
40734	9f1e	db	DBAC0134
40735	9f1f	db	DBAC0135
40736	9f20	db	DBAC0136
40737	9f21	db	DBAC0137
40738	9f22	db	DBAC0138
40739	9f23	db	DBAC0139
40740	9f24	db	DBAC0140
40741	9f25	db	DBAC0141
40742	9f26	db	DBAC0142
40743	9f27	db	DBAC0143

40744	9f28	db	DBAC0144
40745	9f29	db	DBAC0145
40746	9f2a	db	DBAC0146
40747	9f2b	db	DBAC0147
40748	9f2c	db	DBAC0148
40749	9f2d	db	DBAC0149
40750	9f2e	db	DBAC0150
40751	9f2f	db	DBAC0151
40752	9f30	db	DBAC0152
40753	9f31	db	DBAC0153
40754	9f32	db	DBAC0154
40755	9f33	db	DBAC0155
40756	9f34	db	DBAC0156
40757	9f35	db	DBAC0157
40758	9f36	db	DBAC0158
40759	9f37	db	DBAC0159
40760	9f38	db	DBAC0160
40761	9f39	db	DBAC0161
40762	9f3a	db	DBAC0162
40763	9f3b	db	DBAC0163
40764	9f3c	db	DBAC0164
40765	9f3d	db	DBAC0165
40766	9f3e	db	DBAC0166
40767	9f3f	db	DBAC0167
40768	9f40	db	DBAC0168
40769	9f41	db	DBAC0169
40770	9f42	db	DBAC0170
40771	9f43	db	DBAC0171
40772	9f44	db	DBAC0172
40773	9f45	db	DBAC0173
40774	9f46	db	DBAC0174
40775	9f47	db	DBAC0175
40776	9f48	db	DBAC0176
40777	9f49	db	DBAC0177
40778	9f4a	db	DBAC0178
40779	9f4b	db	DBAC0179
40780	9f4c	db	DBAC0180
40781	9f4d	db	DBAC0181
40782	9f4e	db	DBAC0182
40783	9f4f	db	DBAC0183
40784	9f50	db	DBAC0184
40785	9f51	db	DBAC0185
40786	9f52	db	DBAC0186
40787	9f53	db	DBAC0187
40788	9f54	db	DBAC0188
40789	9f55	db	DBAC0189
40790	9f56	db	DBAC0190
40791	9f57	db	DBAC0191
40792	9f58	db	DBAC0192
40793	9f59	db	DBAC0193
40794	9f5a	db	DBAC0194
40795	9f5b	db	DBAC0195
40796	9f5c	db	DBAC0196
40797	9f5d	db	DBAC0197
40798	9f5e	db	DBMODACC
40799	9f5f	db	DBMODITUP
40800	9f60	db	DBAC0200
40801	9f61	db	DBAC0201
40802	9f62	db	DBAC0202
40803	9f63	db	DBAC0203
40804	9f64	db	DBAC0204
40805	9f65	db	DBAC0205
40806	9f66	db	DBBAD_AVAIL
40807	9f67	db	DBAC0207
40808	9f68	db	DBAC0208
40809	9f69	db	DBAC0209
40810	9f6a	db	DBAC0210
40811	9f6b	db	DBAC0211
40812	9f6c	db	DBAC0212
40813	9f6d	db	DBAC0213
40814	9f6e	db	DBAC0214
40815	9f6f	db	DBAC0215

40816	9f70	db	DBMODEREL
40817	9f71	db	DBMODRTUP
40818	9f72	db	DBMODTBGN
40819	9f73	db	DBAC0219
40820	9f74	db	DBUPDRTUP
40821	9f75	db	DBUPDRFTUP
40822	9f76	db	DBUPDUTUP
40823	9f77	db	DBUPDDTUP
40824	9f78	db	DBUPDITUP
40825	9f79	db	DBUPDEMP
40826	9f7a	db	DBAC0226
40827	9f7b	db	DBAC0227
40828	9f7c	db	DBAC0228
40829	9f7d	db	DBAC0229
40830	9f7e	db	DBAC0230
40831	9f7f	db	DBAC0231
40832	9f80	db	DBAC0232
40833	9f81	db	DBAC0233
40834	9f82	db	DBAC0234
40835	9f83	db	DBAC0235
40836	9f84	db	DBAC0236
40837	9f85	db	DBAC0237
40838	9f86	db	DBAC0238
40839	9f87	db	DBAC0239
40840	9f88	db	DBAC0240
40841	9f89	db	DBAC0241
40842	9f8a	db	DBUPDDKEY
40843	9f8b	db	DBAC0243
40844	9f8c	db	DBAC0244
40845	9f8d	db	DBAC0245
40846	9f8e	db	DBAC0246
40847	9f8f	db	DBAC0247
40848	9f90	db	DBAC0248
40849	9f91	db	DBAC0249
40850	9f92	db	DBUPDTEND
40851	9f93	db	DBUPDTBGN
40852	9f94	db	DBUPDOREL
40853	9f95	db	DBUPDSITRG
40854	9f96	db	DBUPDSMTRG
40855	9f97	db	DBUPDGLTRG
40856	9f98	db	DBUPDCFAL
40857	9f99	db	DBMODABN
40858	9f9a	db	DBAC0258
40859	9f9b	db	DBAC0259
40860	9f9c	db	DBAC0260
40861	9f9d	db	DBUGBADMG
40862	9f9e	db	DBUMSGRC
40863	9f9f	db	DBSDWTDFLT
40864	9fa0	db	DBUGDBCi
40865	9fa1	db	DBSNPCORPT
40866	9fa2	db	DBBDDBCi
40867	9fa3	db	DBBDGRSZ
40868	9fa4	db	DBBPRBAD
40869	9fa5	db	DBRLDCBRL
40870	9fa6	db	DBUGSMTMOUT
40871	9fa7	db	DBUGNOSND
40872	9fa8	db	DBWTIDBD
40873	9fa9	db	DBWT2LG
40874	9faa	db	DBRNUMBD
40875	9fab	db	DB2MNYFL
40876	9fac	db	DBWTLFULL
40877	9fad	db	DBMVGRFL
40878	9fae	db	DBSNPOVFLW
40879	9faf	db	DBSNPVER
40880	9fb0	db	DBBADDICT
40881	9fb1	db	DBBAD_ALIGN
40882	9fb2	db	DBAC0282
40883	9fb3	db	DBAC0283
40884	9fb4	db	DBAC0284
40885	9fb5	db	DBAC0285
40886	9fb6	db	DBAC0286
40887	9fb7	db	DBAC0287

40888	9fb8	db	DBAC0288
40889	9fb9	db	DBAC0289
40890	9fba	db	DBAC0290
40891	9fbb	db	DBAC0291
40892	9fbc	db	DBAC0292
40893	9fbd	db	DBAC0293
40894	9fbe	db	DBAC0294
40895	9fbf	db	DBAC0295
40896	9fc0	db	DBAC0296
40897	9fc1	db	DBAC0297
40898	9fc2	db	DBAC0298
40899	9fc3	db	DBAC0299
40900	9fc4	db	DBHDNTDUP
40901	9fc5	db	DBR95_FULL
40902	9fc6	db	DBAC0302
40903	9fc7	db	DBAC0303
40904	9fc8	db	DBAC0304
40905	9fc9	db	DBAC0305
40906	9fca	db	DBAC0306
40907	9fcb	db	DBAC0307
40908	9fcc	db	DBAC0308
40909	9fcd	db	DBAC0309
40910	9fce	db	DBAC0310
40911	9fcf	db	DBAC0311
40912	9fd0	db	DBAC0312
40913	9fd1	db	DBSIFAIL
40914	9fd2	db	DBSMCMTMOUT
40920	9fd8	db	DBUGHSHUP
40921	9fd9	db	DBACCUPFL
40922	9fda	db	DBBDMTYP
40923	9fdb	db	DBBSTCOPY
40924	9fdc	db	DBBSTDDRD
40925	9fdd	db	DBAC0325
40926	9fde	db	DBAC0326
40927	9fdf	db	DBAC0327
40928	9fe0	db	DBBSTPARMS
40929	9fe1	db	DBBSTDDWR
40930	9fe2	db	DBBSTSMIM
40931	9fe3	db	DBBSTZBMAP
40932	9fe4	db	DBBSTBTRN
40933	9fe5	db	DBBSTOPREL
40934	9fe6	db	DBBSTTRNST
40935	9fe7	db	DBBSTCONV
40936	9fe8	db	DBBRETYPE
40937	9fe9	db	DBBSTACCUP
40938	9fea	db	DBNRNOSEND
40939	9feb	db	DBNRBADMSG
40940	9fec	db	DBNMSGRC
40941	9fed	db	DBNR2HSHUP
40942	9fee	db	DBNRDATA
40943	9fef	db	DBNRMEMREC
40944	9ff0	db	DBNRPARMBAD
40945	9ff1	db	DBNSMCMTMOUT
40946	9ff2	db	DBNRDBC1
40947	9ff3	db	DBNRCIBAD
40948	9ff4	db	DBNRBSTRUN
40949	9ff5	db	DBNRADDMEM
40950	9ff6	db	DBNRSMTMOUT
40951	9ff7	db	DBNRHSHUP
40952	9ff8	db	DBUGNOCRTRM
40953	9ff9	db	DBRGRCVRY
40954	9ffa	db	DBRGABTD
40955	9ffb	db	DBINVRET
40956	9ffc	db	DBINVMSG
40957	9ffd	db	DBDDWRITEF
40958	9ffe	db	DBDDREADF
40959	9fff	db	DBRGOPENF
40960	a000	db	DBRGREADF
40961	a001	db	DBRGSEEKF
40962	a002	db	DBBKUPON
40963	a003	db	DBRGHMOUT
40964	a004	db	DBRGCLOSF

40965	a005	db	DBRGINIT
40966	a006	db	DBRGSGRWF
40967	a007	db	DBAC0367
40968	a008	db	DBGETBFR
40969	a009	db	DBRLSBFR
40970	a00a	db	DBMSZMALLOC
40971	a00b	db	DBMSZDATA
40972	a00c	db	DBINITDDBD
40973	a00d	db	DBTRIGFAIL
40974	a00e	db	DBNR95_FULL
40975	a00f	db	DBAC0375
40976	a010	db	DBBIGTUP
40977	a011	db	DBLGTOTAL
40978	a012	db	DBBIGVIEW
40979	a013	db	DBAC0379
40980	a014	db	DBAC0380
40981	a015	db	DBAC0381
40982	a016	db	DBMSZUDICT
40983	a017	db	DBAC0383
40984	a018	db	DBAC0384
40985	a019	db	DBAC0385
40986	a01a	db	DBAC0386
40987	a01b	db	DBAC0387
40988	a01c	db	DBAC0388
40989	a01d	db	DBAC0389
40990	a01e	db	DBMVCACH
40991	a01f	db	DBDISTERR
40992	a020	db	DBBADTRGINDX
40993	a021	db	DBBADACCDICT
40994	a022	db	DBPARTCMT
40995	a023	db	DBAC0397
40996	a024	db	DBAC0398
40997	a025	db	DBAC0401
40998	a026	db	DBAC0402
40999	a027	db	DBBADLGM
41000	a028	db	DBAC0400
41001	a029	db	DBLOSTLM
41002	a02a	db	DBWLGFUN
41003	a02b	db	DBAC0403
41004	a02c	db	DBAC0404
41005	a02d	db	DBAC0405
41006	a02e	db	DBAC0406
41007	a02f	db	DBAC0407
41008	a030	db	DBAC0408
41009	a031	db	DBAC0409
41010	a032	db	DBAC0410
41011	a033	db	DBAC0411
41012	a034	db	DBAC0412
41013	a035	db	DBAC0413
41014	a036	db	DBAC0414
41015	a037	db	DBAC0415
41016	a038	db	DBGTRST
41017	a039	db	DBSTGRST
41018	a03a	db	DBAC0418
41019	a03b	db	DBTX1FAIL
41020	a03c	db	DBTX2FAIL

26. 5E12 Numeric Index: 41021-43850

ERROR CODE	PRM CODE	RANGE	MNEMONIC
41021	a03d	db	DBTX3FAIL
41022	a03e	db	DBAC0422
41023	a03f	db	DBAC0423
41024	a040	db	DBAC0424
41025	a041	db	DBAC0425
41026	a042	db	DBAC0426
41027	a043	db	DBAC0427
41028	a044	db	DBAC0428
41029	a045	db	DBAC0429
41030	a046	db	DBAC0430
41031	a047	db	DBAC0431

41032	a048	db	DBAC0432
41033	a049	db	DBXSRDSYS
41034	a04a	db	DBXSRDFSYS
41035	a04b	db	DBXSRDNSYS
41036	a04c	db	DBXSINSYS
41037	a04d	db	DBRSMOREL
41038	a04e	db	DBOPDNTRAN
41039	a04f	db	DBDNXTSINTUP
41040	a050	db	DBXTSINTUP
41041	a051	db	DBPRDNTAN
41042	a052	db	DBPRXSRDTUP
41043	a053	db	DBPRNXTSINTUP
41044	a054	db	DBMODXSRDFST
41045	a055	db	DBMODNXT
41046	a056	db	DBSAGPRM
41047	a057	db	DBSA2LONG
41048	a058	db	DBSACDNTR
41049	a059	db	DBSACOREL
41050	a05a	db	DBSACSINTUP
41051	a05b	db	DBSACTBGN
41052	a05c	db	DBSACTEND
41053	a05d	db	DBSACTUPNUM
41054	a05e	db	DBSACUGPR
41055	a05f	db	DBSACUREL
41056	a060	db	DBSADNMOD
41057	a061	db	DBSAENMG
41058	a062	db	DBSAINVMG
41059	a063	db	DBSANOMATE
41060	a064	db	DBRFREOTPA
41061	a065	db	DBAC0461
41062	a066	db	DBAC0462
41063	a067	db	DBAC0463
41064	a068	db	DBAC0464
41065	a069	db	DBBADDRL
41066	a06a	db	DBBADATYPE
41067	a06b	db	DBGKRETErr
41068	a06c	db	BADPRIMCNT
41069	a06d	db	DBADLNKFIELD
41070	a06e	db	DBFRELIBAD
41071	a06f	db	DBMISGKPAG
41072	a070	db	DBFRINFAL
41073	a071	db	DBUSDONFRE
41074	a072	db	DBPARGTLAST
41075	a073	db	DBPARPTBADGK
41076	a074	db	DBGKNOTONFREE
41077	a075	db	DBGCBADFIN
41078	a076	db	DBBADDIST
41079	a077	db	DBBADRTYP
41080	a078	db	DBNFNDTRN
41081	a079	db	DBNUNTRN
41082	a07a	db	DBACCDICSAME
41083	a07b	db	DBBADPHYSREL
41084	a07c	db	DBGKFRCORPT
41085	a07d	db	DBGKCRTLOSS
41086	a07e	db	DBMAXVIRT
41087	a07f	db	DBOPNOSUP
41088	a080	db	DBOPVINCON
41089	a081	db	DBXTRAGKPAGS
41090	a082	db	DBLGFAIL
41091	a083	db	DBBRLMTYPE
41092	a084	db	DBGKCQUEFAIL
41093	a085	db	DBGK24TIMER
41094	a086	db	DBCYCLINGKBT
41095	a087	db	DBBRTMPGKPROB
41096	a088	db	DBBRSKLNNUL
41097	a089	db	DBGKCSYSERR
41098	a08a	db	DBBRDATAPAGE
41099	a08b	db	DBAC0499
41100	a08c	db	DBAC0500
41450	a1ea	os	OSACE0
41451	a1eb	os	OSACE1
41452	a1ec	os	OSACE2

41453	a1ed	os	OSACE3
41454	a1ee	os	OSACE4
41455	a1ef	os	OSACE5
41456	a1f0	os	OSACE6
41457	a1f1	os	OSACE7
41458	a1f2	os	OSACE8
41459	a1f3	os	OSACE9
41462	a1f6	os	OSACE12
41465	a1f9	os	OSACE15
41466	a1fa	os	OSACE16
41467	a1fb	os	OSACE17
41468	a1fc	os	OSACE18
41469	a1fd	os	OSACE19
41470	a1fe	os	OSACE20
41471	a1ff	os	OSACE21
41472	a200	os	OSACE22
41473	a201	os	OSACE23
41474	a202	os	OSACE24
41475	a203	os	OSACE25
41476	a204	os	OSACE26
41477	a205	os	OSACE27
41478	a206	os	OSACE28
41479	a207	os	OSACE29
41481	a209	os	OSACE31
41482	a20a	os	OSACE32
41483	a20b	os	OSACE33
41484	a20c	os	OSACE34
41485	a20d	os	OSACE35
41486	a20e	os	OSACE36
41488	a210	os	OSACE38
41489	a211	os	OSACE39
41491	a213	os	OSACE41
41492	a214	os	OSACE42
41494	a216	os	OSACE44
41496	a218	os	OSACE46
41497	a219	os	OSACE47
41498	a21a	os	OSACE48
41499	a21b	os	OSACE49
41500	a21c	os	OSACE50
41501	a21d	os	OSACE51
41502	a21e	os	OSACE52
41503	a21f	os	OSACE53
41504	a220	os	OSACE54
41505	a221	os	OSACE55
41506	a222	os	OSACE56
41507	a223	os	OSACE57
41509	a225	os	OSACE59
41510	a226	os	OSACE60
41511	a227	os	OSACE61
41512	a228	os	OSACE62
41513	a229	os	OSACE63
41514	a22a	os	OSACE64
41515	a22b	os	OSACE65
41517	a22d	os	OSACE67
41518	a22e	os	OSACE68
41519	a22f	os	OSACE69
41520	a230	os	OSACE70
41521	a231	os	OSACE71
41522	a232	os	OSACE72
41523	a233	os	OSACE73
41524	a234	os	OSACE74
41525	a235	os	OSACE75
41526	a236	os	OSACE76
41527	a237	os	OSACE77
41528	a238	os	OSACE78
41529	a239	os	OSACE79
41531	a23b	os	OSACE81
41532	a23c	os	OSACE82
41534	a23e	os	OSACE84
41535	a23f	os	OSACE85
41536	a240	os	OSACE86
41539	a243	os	OSACE89

41540	a244	OS	OSACE90
41541	a245	OS	OSACE91
41542	a246	OS	OSACE92
41543	a247	OS	OSACE93
41544	a248	OS	OSACE94
41545	a249	OS	OSACE95
41547	a24b	OS	OSACE97
41549	a24d	OS	OSACE99
41550	a24e	OS	OSACE100
41551	a24f	OS	OSACE101
41552	a250	OS	OSACE102
41553	a251	OS	OSACE103
41554	a252	OS	OSACE104
41555	a253	OS	OSACE105
41556	a254	OS	OSACE106
41557	a255	OS	OSACE107
41558	a256	OS	OSACE108
41559	a257	OS	OSACE109
41560	a258	OS	OSACE110
41561	a259	OS	OSACE111
41562	a25a	OS	OSACE112
41563	a25b	OS	OSACE113
41564	a25c	OS	OSACE114
41565	a25d	OS	OSACE115
41566	a25e	OS	OSACE116
41567	a25f	OS	OSACE117
41568	a260	OS	OSACE118
41569	a261	OS	OSACE119
41570	a262	OS	OSACE120
41571	a263	OS	OSACE121
41572	a264	OS	OSACE122
41573	a265	OS	OSACE123
41574	a266	OS	OSACE124
41575	a267	OS	OSACE125
41576	a268	OS	OSACE126
41577	a269	OS	OSACE127
41578	a26a	OS	OSACE128
41579	a26b	OS	OSACE129
41580	a26c	OS	OSACE130
41581	a26d	OS	OSACE131
41582	a26e	OS	OSACE132
41583	a26f	OS	OSACE133
41584	a270	OS	OSACE134
41585	a271	OS	OSACE135
41586	a272	OS	OSACE136
41592	a278	OS	OSACE142
41593	a279	OS	OSACE143
41594	a27a	OS	OSACE144
41595	a27b	OS	OSACE145
41596	a27c	OS	OSACE146
41597	a27d	OS	OSACE147
41598	a27e	OS	OSACE148
41599	a27f	OS	OSACE149
41600	a280	OS	OSACE150
41602	a282	OS	OSACE152
41603	a283	OS	OSACE153
41604	a284	OS	OSACE154
41605	a285	OS	OSACE155
41606	a286	OS	OSACE156
41607	a287	OS	OSACE157
41608	a288	OS	OSACE158
41609	a289	OS	OSACE159
41610	a28a	OS	OSACE160
41611	a28b	OS	OSACE161
41612	a28c	OS	OSACE162
41613	a28d	OS	OSACE163
41614	a28e	OS	OSACE164
41615	a28f	OS	OSACE165
41616	a290	OS	OSACE166
41638	a2a6	OS	OSACE188
41639	a2a7	OS	OSACE189
41640	a2a8	OS	OSACE190

41641	a2a9	os	OSACE191
41642	a2aa	os	OSACE192
41643	a2ab	os	OSACE193
41644	a2ac	os	OSACE194
41645	a2ad	os	OSACE195
41647	a2af	os	OSACE197
41648	a2b0	os	OSACE198
41649	a2b1	os	OSACE199
41650	a2b2	os	OSACE200
41651	a2b3	os	OSACE201
41653	a2b5	os	OSACE203
41655	a2b7	os	OSACE205
42550	a636	psi	DTBADEV
42551	a637	psi	DTBADOS
42552	a638	psi	DTBADTIMER
42553	a639	psi	DTBADTM
42554	a63a	psi	DTETEFail
42555	a63b	psi	DTREASERR
42556	a63c	psi	DTOSSEND
42557	a63d	psi	DTSM2PIFAIL
42558	a63e	psi	INBDCKNM
42559	a63f	psi	INCCSWFAIL
42560	a640	psi	INDAHLSC
42561	a641	psi	INNRETGEN
42562	a642	psi	INPU_ERROR
42563	a643	psi	INUNITERR
42564	a644	psi	SIBADGRWREQ
42565	a645	psi	SIBADODRID
42566	a646	psi	SIMGTPBADREA
42567	a647	psi	SIMGTPINVMSG
42568	a648	psi	SIMGTPTIMEOUT
42569	a649	psi	SIOALLOCRTN
42570	a64a	psi	SIOLAOOR
42571	a64b	psi	SIOLEOOR
42572	a64c	psi	SIOLPHOOR
42573	a64d	psi	SIOPHBO
42574	a64e	psi	SIOPHNLI
42575	a64f	psi	SIOUTMPNL
42576	a650	psi	SIOM1
42577	a651	psi	SIOM2
42578	a652	psi	SIOM3
42579	a653	psi	SIOM4
42580	a654	psi	SIOM5
43750	aae6	ps	PSBADDRS
43751	aae7	ps	PSFFERR
43752	aae8	ps	PSFFCLRD
43753	aae9	ps	PSESTIM
43755	aaeb	ps	PSPIDSCRD
43756	aaec	ps	PSPHDSCRD
43757	aaed	ps	PSPRISTAT
43758	aaee	ps	PSBADQPUPEVNT
43759	aaef	ps	PSCFBADMSG
43760	aaf0	ps	PSMDBADAP
43761	aaf1	ps	PSMSGBAD
43762	aaf2	ps	PSINERPS
43763	aaf3	ps	PSPSPB
43764	aaf4	ps	PSPPKB
43765	aaf5	ps	PSESPB
43766	aaf6	ps	PSDPKB
43767	aaf7	ps	PSEPKB
43768	aaf8	ps	PSBADL3PARM
43769	aaf9	ps	PSDPB_DALB
43770	aafa	ps	PSL3DEFAULT
43771	aafb	ps	PSL3BADTEI
43772	aafc	ps	PSBADPKT
43773	aafd	ps	PSNOAPPL
43774	aafe	ps	PSBADOMSG
43775	aaff	ps	PSPDALB
43776	ab00	ps	PSUNXMSG
43777	ab01	ps	PSNOTMMSG
43778	ab02	ps	PSNOTMR
43779	ab03	ps	PSBADSTIM

43780	ab04	ps	PSNODPORT
43781	ab05	ps	PSTMJBFL
43782	ab06	ps	PSNOL3PLE
43783	ab07	ps	PSSENDASRT
43784	ab08	ps	PSRETASRT
43785	ab09	ps	PSBADPTYPE
43786	ab0a	ps	PSBADIETTYPE
43787	ab0b	ps	PSQMSG2LONG
43788	ab0c	ps	PSAPINBUF
43789	ab0d	ps	PSFISTCINV
43790	ab0e	ps	PSINVDATA
43791	ab0f	ps	PSOSSSEND
43792	ab10	ps	PSPCBLA
43793	ab11	ps	PSAPBUF
43794	ab12	ps	PS_APLST
43795	ab13	ps	PSAPSITE
43796	ab14	ps	PSAPBMSG
43797	ab15	ps	PSAPBFEAT
43798	ab16	ps	PSAPSPSIG
43799	ab17	ps	PSAPINDBHC
43800	ab18	ps	PSAPINAPSPB
43801	ab19	ps	PSNOAPCP
43802	ab1a	ps	PSAPINEPKB
43803	ab1b	ps	PSAPINRMB
43804	ab1c	ps	PSAPINSITE
43805	ab1d	ps	PSAPSPB
43806	ab1e	ps	PSAPRMB
43807	ab1f	ps	PSAPEPKB
43808	ab20	ps	PSAPLOGCH
43809	ab21	ps	PSAPCLOSE
43810	ab22	ps	PSBADREASON
43811	ab23	ps	PSAPTPDALB
43812	ab24	ps	PSTPAPSPB
43813	ab25	ps	PSAPDDREF
43814	ab26	ps	PSBAD_MSG
43815	ab27	ps	PSBADAPTP
43816	ab28	ps	PSAPAUBUF
43817	ab29	ps	PSAPPKT
43818	ab2a	ps	PSISPAJHDLR
43819	ab2b	ps	PSSENDMSG
43820	ab2c	ps	PSAPNOTMR
43821	ab2d	ps	PSAPTRMBAD
43822	ab2e	ps	PSAPREQFC
43823	ab2f	ps	PSAPSLFAUD
43824	ab30	ps	PSAPFSPL
43825	ab31	ps	PSAPFCREQ
43826	ab32	ps	PSAPFORWD
43827	ab33	ps	PSAPBCAST
43828	ab34	ps	PSNOBRCS
43829	ab35	ps	PSAPAMFC
43830	ab36	ps	PSAPFCSPB
43831	ab37	ps	PSAPFRCV
43832	ab38	ps	PSAPFCOMP
43833	ab39	ps	PSAPFCBAD
43834	ab3a	ps	PSAPBADTIMER
43835	ab3b	ps	PSAPBODD
43836	ab3c	ps	PSDSPB
43837	ab3d	ps	PSAPDPB
43838	ab3e	ps	PSAP_RESET
43839	ab3f	ps	PSAPDALB
43840	ab40	ps	PSBADAPHC
43841	ab41	ps	PS_ELV_APLST
43842	ab42	ps	PSDAFAILURE
43843	ab43	ps	PSAPTPDPB
43844	ab44	ps	PSBADHC
43845	ab45	ps	PSBDNEW_LVL
43846	ab46	ps	PSIFDPB
43847	ab47	ps	PSIFSPB
43848	ab48	ps	PSIFPKB
43849	ab49	ps	PSIFDALB
43850	ab4a	ps	PSIFNOTMR

27. 5E12 Numeric Index: 43851-44550

ERROR CODE	PRM CODE	RANGE	MNEMONIC
43851	ab4b	ps	PSIFREASON
43852	ab4c	ps	PSIFEDCHN
43853	ab4d	ps	PSIFGREASON
43854	ab4e	ps	PSIFGNOTMR
43855	ab4f	ps	PSIFGNODALB
43856	ab50	ps	PSIFGTPMSG
43857	ab51	ps	PSIFGTPEVENT
43858	ab52	ps	PSIFGUSER
43859	ab53	ps	PSIFFCP
43860	ab54	ps	PSNORESET
43861	ab55	ps	PSIFCLI
43862	ab56	ps	PSIFDSLEQUIP
43863	ab57	ps	PSENDER
43866	ab5a	ps	PSIFBADQMSG
43867	ab5b	ps	PSIPTST
43868	ab5c	ps	PSIFBADTMR
43869	ab5d	ps	PSBADMDMSG
43870	ab5e	ps	PSIFBADHEADC
43871	ab5f	ps	PSIFTRANSID
43872	ab60	ps	PSIFTKG
43873	ab61	ps	PSIFID
43874	ab62	ps	PSPIDISCARD
43875	ab63	ps	PSPHIDISCARD
43876	ab64	ps	PSPKBINIT
43877	ab65	ps	PSSCCPBDMMSG
43878	ab66	ps	PSSINDXI
43879	ab67	ps	PSSIXRDF
43880	ab68	ps	PSSSTRDF
43881	ab69	ps	PSBADTRGT
43882	ab6a	ps	PSDATABAD
43883	ab6b	ps	PSBADLLM
43886	ab6e	ps	PSAPAMBC
43889	ab71	ps	PSODBMSGBAD
43890	ab72	ps	PS_DEFAULT
43894	ab76	ps	PSRTDPB
43895	ab77	ps	PSRTPICB
43896	ab78	ps	PSUKNUSR
43898	ab7a	ps	PSLPT_PT
43899	ab7b	ps	PSCOMMFAIL
43900	ab7c	ps	PSOSREASON
43901	ab7d	ps	PSUNEXEVNT
43902	ab7e	ps	PSPARMBAD
43903	ab7f	ps	PSDEFAULT
43904	ab80	ps	PSTCCPERR
43910	ab86	ps	PSAUAPDU
43911	ab87	ps	PSAUDPB
43912	ab88	ps	PSAURTEILA
43914	ab8a	ps	PSERRPRT
43915	ab8b	ps	PSPRORNX
43916	ab8c	ps	PSPRTC RD
43917	ab8d	ps	PSNULPRT
43918	ab8e	ps	PSBAD_VALUE
43919	ab8f	ps	PSUNKNSHSHPKT
43928	ab98	ps	PSFCPHDISCARD
43929	ab99	ps	PSFCSMDISCARD
43931	ab9b	ps	PSTCMGEXC
43936	aba0	ps	PSNOTMATCHED
43937	aba1	ps	PSNOTLOADED
43938	aba2	ps	PSINVARG
43939	aba3	ps	PSRUGLPRM
44050	ac12	upump	SIBADCMD
44051	ac13	upump	SIBADINDX
44052	ac14	upump	SIBADSMADD
44053	ac15	upump	SINOMATPMP
44054	ac16	upump	SINOFEAPMP
44055	ac17	upump	SIHSCNOMAT
44056	ac18	upump	SIHSCNFEA
44058	ac1a	upump	SINOUIT

44059	ac1b	upump	SISMBADSTAT
44060	ac1c	upump	SICMDINTF
44061	ac1d	upump	SIUPPIOS
44062	ac1e	upump	SIBADIMG
44063	ac1f	upump	SIPIRNOMAT
44064	ac20	upump	SIPIRNFEA
44065	ac21	upump	SIBADCKT
44066	ac22	upump	SIBADPT
44067	ac23	upump	SISENDL
44068	ac24	upump	SIESCPMP
44069	ac25	upump	SICCFRST
44070	ac26	upump	SICCBDRY
44071	ac27	upump	SICCIMBX
44072	ac28	upump	SICCFMBX
44073	ac29	upump	SICCCSTAT
44074	ac2a	upump	SICCCACK
44075	ac2b	upump	SICCNCMP
44076	ac2c	upump	SICCHFL
44077	ac2d	upump	SICCKPCB
44078	ac2e	upump	SIPIBDRY
44079	ac2f	upump	SIPIHFL
44080	ac30	upump	SIPIRSTF
44081	ac31	upump	SIPHFRST
44082	ac32	upump	SIPHRRBF
44083	ac33	upump	SIPHBDRY
44084	ac34	upump	SIPHFLG
44085	ac35	upump	SIPHBUF
44086	ac36	upump	SIPHCE
44087	ac37	upump	SIACKINTF
44088	ac38	upump	SIBADPIDB
44089	ac39	upump	SIBADPHTYPE
44090	ac3a	upump	SIPHDATAIMP
44091	ac3b	upump	SINOIMAGE
44092	ac3c	upump	SIHSCSTAT
44150	ac76	sipp	INPSBADRET
44151	ac77	sipp	INMGINVALID
44152	ac78	sipp	INPPTMOT
44153	ac79	sipp	OCDTWTERR
44154	ac7a	sipp	OCSTRDERR
44155	ac7b	sipp	INPPENDFRQ
44156	ac7c	sipp	INPPICOST
44157	ac7d	sipp	INPPBDMMSG
44158	ac7e	sipp	INPPMSGLG
44159	ac7f	sipp	INPPWAITER
44160	ac80	sipp	INPPMSTYPE
44161	ac81	sipp	INMGBADTYPE
44162	ac82	sipp	INPPRETGEN
44163	ac83	sipp	INPPBINSYN
44164	ac84	sipp	INPPSYNFULL
44165	ac85	sipp	INPPBCHKIN
44166	ac86	sipp	INPPBDATA
44167	ac87	sipp	INPPBUNBLK
44168	ac88	sipp	INPPBSNDRET
44169	ac89	sipp	SIBADTBL
44170	ac8a	sipp	DTPBADOS
44171	ac8b	sipp	DTPBADEV
44172	ac8c	sipp	DTPBADTM
44173	ac8d	sipp	OCPREASERR
44174	ac8e	sipp	IMPASTSPP
44175	ac8f	sipp	IMPASTLCN
44176	ac90	sipp	IMPWPINV
44177	ac91	sipp	IMPINJTHR
44178	ac92	sipp	SITYRESET
44179	ac93	sipp	SITYRERR
44180	ac94	sipp	SITYBDEV
44181	ac95	sipp	SITYBDMS
44182	ac96	sipp	INPCPHSE
44183	ac97	sipp	INPCPHMD
44184	ac98	sipp	INPCPHBC
44185	ac99	sipp	INPCPHCR
44186	ac9a	sipp	INCPHTT
44187	ac9b	sipp	INCPHMR

44188	ac9c	sipp	INPCPHPR
44189	ac9d	sipp	INPCPHPS
44190	ac9e	sipp	OCBADREAS
44191	ac9f	sipp	OCBADCHTP
44192	aca0	sipp	OCBADLLCB
44193	aca1	sipp	OCBADBUF
44194	aca2	sipp	OCOORLLCB
44195	aca3	sipp	INMGBADPARAM
44196	aca4	sipp	OCOORLVL
44197	aca5	sipp	OCBADOS
44198	aca6	sipp	SIHSCOVFLW
44199	aca7	sipp	OCPISSND
44200	aca8	sipp	INIDSPSSNDMSG
44201	aca9	sipp	IMOSMCB
44202	acaa	sipp	IMOSPCB
44203	acab	sipp	IMOSSCB
44204	acac	sipp	IMOSTCB
44205	acad	sipp	INPCPHIT
44206	acae	sipp	INPCPHBS
44207	acaf	sipp	INPCPHIA
44208	acb0	sipp	INPCPHEP
44209	acb1	sipp	IMHPURGAMA
44210	acb2	sipp	OCBADID
44211	acb3	sipp	SIBADRET
44213	acb5	sipp	IMASTIMG
44214	acb6	sipp	OCBADCNT
44215	acb7	sipp	IMPRPIAST
44216	acb8	sipp	IMPSPAST
44217	acb9	sipp	IMRSCRCVY
44218	acba	sipp	INDFTYPE
44219	acbb	sipp	IMAPCDSP
44350	ad3e	psph	PSTIMFLR
44351	ad3f	psph	PSSPYERR
44352	ad40	psph	PSBADTFDL
44353	ad41	psph	PSBADRFDL
44354	ad42	psph	PSBADRSTAT
44355	ad43	psph	PSBADMODE
44356	ad44	psph	PSADCL2E
44357	ad45	psph	PSAWMSGR
44358	ad46	psph	PSAMSGLG
44359	ad47	psph	PSAMSGTP
44360	ad48	psph	PSAMSGRT
44361	ad49	psph	PSATMRTN
44362	ad4a	psph	PSABDCHN
44363	ad4b	psph	PSALTUNK
44364	ad4c	psph	PSALLCBT
44365	ad4d	psph	PSALKCNR
44366	ad4e	psph	PSAFRSBD
44367	ad4f	psph	PSALIOOR
44368	ad50	psph	PSINVPARM
44369	ad51	psph	PSNOLLCB
44370	ad52	psph	PSLNKLLCB
44371	ad53	psph	PSENOL3T
44372	ad54	psph	PSBIXLLCB
44373	ad55	psph	PSUNEXLLCB
44374	ad56	psph	PSIQBADIFD
44375	ad57	psph	PSMDRDERR
44376	ad58	psph	PSMDLPHERR
44377	ad59	psph	PSCCSL2E
44378	ad5a	psph	PSCWMSGR
44379	ad5b	psph	PSCMSGLG
44380	ad5c	psph	PSCMSGRT
44381	ad5d	psph	PSCMSGTYP
44382	ad5e	psph	PSCL2REQ
44383	ad5f	psph	PSCL2IACRT
44384	ad60	psph	PSCL2STATE
44385	ad61	psph	PSCTMRTN
44386	ad62	psph	PSCPHTYPE
44387	ad63	psph	PSCDSLRT
44388	ad64	psph	PSCXMITRT
44389	ad65	psph	PSCLSSUSI
44390	ad66	psph	PSCMSGRT

44391	ad67	psph	PSCTCNGST
44392	ad68	psph	PSCRCNGST
44393	ad69	psph	PSCBSNERST
44394	ad6a	psph	PSCFIBERST
44395	ad6b	psph	PSCSPYRET
44396	ad6c	psph	PSCBOVR
44397	ad6d	psph	PSCRTBCNT
44398	ad6e	psph	PSLANFAIL
44399	ad6f	psph	PSCEMSUTYPE
44400	ad70	psph	PSCEMSUUP
44401	ad71	psph	PSCUNRET
44402	ad72	psph	PSCNOLD SH
44403	ad73	psph	PSCLSBAD
44404	ad74	psph	PSCNOSLC PH
44405	ad75	psph	PSCBADMET
44406	ad76	psph	PSCDYBUFF
44407	ad77	psph	PSCBADCT
44408	ad78	psph	PSCMSULGTH
44409	ad79	psph	PSCUPDPC2LS
44410	ad7a	psph	PSCNOPH2LS
44411	ad7b	psph	PSCUPTYPBAD
44412	ad7c	psph	PSCSMHUNRET
44413	ad7d	psph	PSCLS2SLC
44414	ad7e	psph	PSCNOAPD2PH
44415	ad7f	psph	PSCLSMBBAD
44416	ad80	psph	PSCSZOMBAD
44417	ad81	psph	PSCSPREAS
44418	ad82	psph	PSCINITST
44419	ad83	psph	PSCUNMSG
44420	ad84	psph	PSCUNGTYPE
44421	ad85	psph	PSCLATEINIT
44422	ad86	psph	PSCLATECOMP
44423	ad87	psph	PSCSEQCHK
44424	ad88	psph	PSCUNUPD
44425	ad89	psph	PSCLTADDBAD
44426	ad8a	psph	PSCLTMOBAD
44427	ad8b	psph	PSCBADUPACT
44428	ad8c	psph	PSCUPSLC2PH
44429	ad8d	psph	PSCREFDYDATA
44430	ad8e	psph	PSCUNWAIT
44431	ad8f	psph	PSCBADCALL
44432	ad90	psph	PSCSNMBAD
44433	ad91	psph	PSCOPCTRBAD
44434	ad92	psph	PSCNOOPCUNT
44435	ad93	psph	PSCOPCUNTBAD
44436	ad94	psph	PSIPD001
44437	ad95	psph	PSIPD002
44438	ad96	psph	PSIPD003
44439	ad97	psph	PSIPD004
44440	ad98	psph	PSIPD005
44441	ad99	psph	PSIPV001
44442	ad9a	psph	PSIPV002
44443	ad9b	psph	PSIPV003
44444	ad9c	psph	PSIPV004
44445	ad9d	psph	PSIPV005
44446	ad9e	psph	PSCPURG
44447	ad9f	psph	PSB_ACTION
44448	ada0	psph	PSB_CHAN
44449	ada1	psph	PSB_ERROR
44450	ada2	psph	PSB_GENFRM
44451	ada3	psph	PSB_IFD
44452	ada4	psph	PSB_MSG
44453	ada5	psph	PSB_PHCTYPE
44454	ada6	psph	PSB_PTCHECK
44455	ada7	psph	PSB_REJEVENT
44456	ada8	psph	PSB_STATE
44457	ada9	psph	PSB_TIMER
44458	adaa	psph	PSX_ACTION
44459	adab	psph	PSX_QDNULL
44460	adac	psph	PSX_NOHUNT
44461	adad	psph	PSX_RPT2BK
44462	adae	psph	PSX_USERD

44463	adaf	psph	PSX_ALTIM
44464	adb0	psph	PSX_PT2BK
44465	adb1	psph	PSX_LSTATE
44466	adb2	psph	PSX_ARETIM
44467	adb3	psph	PSX_MSGER
44468	adb4	psph	PSX_ASTATE
44469	adb5	psph	PSX_LCTIM
44470	adb6	psph	PSPHDABAD
44471	adb7	psph	PS_LL2AL
44472	adb8	psph	PSX_INMSG
44473	adb9	psph	PSZATALCBERR
44474	adba	psph	PSZDTMSGERR
44475	adbb	psph	PSZBLALCBERR
44476	adbc	psph	PSZBLMSGERR
44477	adbd	psph	PST3CTMBAD
44478	adbe	psph	PST3FLNKBAD
44479	adbf	psph	PST3LLNKBAD
44480	adc0	psph	PST3MFLNKBAD
44481	adc1	psph	PSCL6BADSPY
44482	adc2	psph	PSBADIPH
44483	adc3	psph	PSBADALK
44484	adc4	psph	PSBADAHD
44485	adc5	psph	PSBADCLK
44486	adc6	psph	PSBADCHD
44487	adc7	psph	PSUNXPROC
44488	adc8	psph	PSTOINJ
44489	adc9	psph	PSX_PVCERR
44490	adca	psph	PSL2PTCHECK
44491	adcb	psph	PSL2PROTOTYPE
44492	adcc	psph	PSL2CHANTYPE
44493	adcd	psph	PSL2NOLLCB
44494	adce	psph	PSL2PARMINV
44495	adcf	psph	PSL2BADLNK
44496	add0	psph	PSL2UNEXLNK
44497	add1	psph	PSPHAXER
44498	add2	psph	PSPHESER
44499	add3	psph	PST3MBLNKBAD
44500	add4	psph	PST3L3CHK
44501	add5	psph	PST3L2CHK
44502	add6	psph	PST3EXTE
44503	add7	psph	PST3EXLL
44504	add8	psph	PST3OFLDBAD
44505	add9	psph	PST3LOTIME
44506	adda	psph	PST3TTYEBAD
44507	addb	psph	PST3CTYPEBAD
44508	addc	psph	PST3PARMBAD
44509	addd	psph	PST3DELAYBAD
44510	adde	psph	PST3TRUNBAD
44511	addf	psph	PST3TAGBAD
44512	ade0	psph	PSX_PTYP
44513	ade1	psph	PSX_INVACT
44514	ade2	psph	PSLANDPX
44515	ade3	psph	PSEBADCBI
44516	ade4	psph	PSEBADPH
44517	ade5	psph	PSEBADSM
44518	ade6	psph	PSEBADRET
44519	ade7	psph	PSEBADLCCB
44520	ade8	psph	PSELINKAGE
44521	ade9	psph	PSEBADMSGID
44522	adea	psph	PSKBADPTRS
44523	adeb	psph	PSKSNDERR
44524	adec	psph	PSKINVSGSZ
44525	aded	psph	PSKINVPOLL
44526	adee	psph	PSKINVRATE
44527	adef	psph	PSKINVRCD
44528	adf0	psph	PSKINVRSN
44529	adf1	psph	PSKBADMSG
44530	adf2	psph	PSWINVMSG
44531	adf3	psph	PSWINVDATA
44532	adf4	psph	PSWINVPARA
44533	adf5	psph	PSWOSWAIT
44534	adf6	psph	PSWBDRSN

44535	adf7	psph	PSOCBADRET
44536	adf8	psph	PSRESREC
44537	adf9	psph	PSL3HCTE
44538	adfa	psph	PST3HLNKBAD
44539	adfb	psph	PSSCBDYN
44540	adfc	psph	PSSCBUPD
44541	adfd	psph	PSSCBUDT
44542	adfe	psph	PSSCBDTB
44543	adff	psph	PSSCBDRT
44544	ae00	psph	PSSCBDCV
44545	ae01	psph	PSSCBDMG
44546	ae02	psph	PSCL6LKR
44547	ae03	psph	PSCL6INVNUM
44548	ae04	psph	PSCL6SYNT
44549	ae05	psph	PSC6PNDMAX
44550	ae06	psph	PSCL6STATE

28. 5E12 Numeric Index: 44551-49999

ERROR CODE	PRM CODE	RANGE	MNEMONIC
44551	ae07	psph	PSCL6NOTQSP
44552	ae08	psph	PSCL6NOXQSP
44553	ae09	psph	PS6NOTIMR
44554	ae0a	psph	PSCL6EVENT
44555	ae0b	psph	PSECNSC
44556	ae0c	psph	PSECBDRT
44557	ae0d	psph	PSECSM
44558	ae0e	psph	PSECMXBUF
44559	ae0f	psph	PSLLSSMERR
44560	ae10	psph	PSALSBERR
44561	ae11	psph	PSLSBERR
44562	ae12	psph	PSNAPHS
44563	ae13	psph	PSNAURET
44564	ae14	psph	PSNASMHRET
44565	ae15	psph	PSNADYBUFF
44566	ae16	psph	PSNABADCALL
44567	ae17	psph	PSNANOLDSDH
44568	ae18	psph	PSNANODPC
44569	ae19	psph	PSNANOSTPH
44570	ae1a	psph	PSNANOAPD2PH
44571	ae1b	psph	PSNALS2SLC
44572	ae1c	psph	PSNASPREAS
44573	ae1d	psph	PSNANMBAD
44574	ae1e	psph	PSNAECBAD
44575	ae1f	psph	PSNASCBAD
44576	ae20	psph	PSBADCHON
44587	ae2b	psph	PSSCUSSN
44588	ae2c	psph	PSSCUDPC
44589	ae2d	psph	PSINVFAR_DATA
44590	ae2e	psph	PSINVIPT_DATA
44591	ae2f	psph	PSRIPKT_BPATH
44592	ae30	psph	PSBADRET
44593	ae31	psph	PSBDCHAN
44595	ae33	psph	PSALDBIX
44602	ae3a	psph	PSG_LSTATE
44603	ae3b	psph	PSG_TIMINV
44604	ae3c	psph	PSG_DATACHG
44605	ae3d	psph	PSG_CAMPON
44606	ae3e	psph	PSXRQTYPE
44607	ae3f	psph	PST3XXALCB
44608	ae40	psph	PST3XXTMR
44609	ae41	psph	PSNOT3XX
44610	ae42	psph	PST3XXLLCB
44611	ae43	psph	PSPKTBND
44612	ae44	psph	PSALDBHD
44613	ae45	psph	PSX_PMD
44614	ae46	psph	PSSGRFDBAD
44615	ae47	psph	PSSGTFFDBAD
44616	ae48	psph	PSB_ACTTYPE
44617	ae49	psph	PSCSPYRSC
44618	ae4a	psph	PSNOALDB

44619	ae4b	psph	PSSGITOUT
44620	ae4c	psph	PSSGATOUT
44621	ae4d	psph	PST3BADOWN
44622	ae4e	psph	PST3BADHDC
44623	ae4f	psph	PSRBADVC
44624	ae50	psph	PST3RUNA
44625	ae51	psph	PST3RUNL
44626	ae52	psph	PSDMAPBDERR
44627	ae53	psph	PSX_INVUD
44628	ae54	psph	PSX_R1BDATA
44629	ae55	psph	PSX_BADTDOWN
44630	ae56	psph	PSX_RSTBAD
44631	ae57	psph	PSX_UDINV
44632	ae58	psph	PSINVIPHDR
44633	ae59	psph	PSUNTMRTG
44634	ae5a	psph	PSCERRSDLDATA
44635	ae5b	psph	PSINV_FUNC
44636	ae5c	psph	PSCTMRINT
44637	ae5d	psph	PSNAUNMSG
44638	ae5e	psph	PSNAERWAIT
44639	ae5f	psph	PSSCPBADATA
44640	ae60	psph	PSBADLNK
44641	ae61	psph	PSBADPRM
44642	ae62	psph	PSLCQBAD
44643	ae63	psph	PSXRCVBADTPC
44644	ae64	psph	PSXSNDBADTPC
44645	ae65	psph	PSLNKRTDB
44646	ae66	psph	PSBDLKRTDB
44647	ae67	psph	PSRTDBHD
44648	ae68	psph	PSINCON
44649	ae69	psph	PS1ACTVCBAD
44650	ae6a	psph	PS2ACTVCBAD
44651	ae6b	psph	PS3ACTVCBAD
44652	ae6c	psph	PS4ACTVCBAD
44653	ae6d	psph	PSWBINVMSG
44654	ae6e	psph	PSWBINVLEN
44655	ae6f	psph	PSWBINVVCXN
44660	ae74	psph	PSBADVALUE
44662	ae76	psph	PSUNKNHSHPKT
44666	ae7a	psph	PSINV_MSG
44668	ae7c	psph	PSBADSUBSYS
44669	ae7d	psph	PSBADNPRIM
44670	ae7e	psph	PSBADCOIMS
44671	ae7f	psph	PSRUNTGUARD
44672	ae80	psph	PSBADCOCXN
44673	ae81	psph	PSBKSTBL
44676	ae84	psph	PS1SBADTIMER
44677	ae85	psph	PS10SBADTIMER
44679	ae87	psph	PSSCPBDMG
44680	ae88	psph	PSPH2A_INV
44681	ae89	psph	PSCPCLENBAD
44682	ae8a	psph	PSVMRNG
44683	ae8b	psph	PSCONGTYPE
44684	ae8c	psph	PSNETINV
44685	ae8d	psph	PSENDPTINV
44686	ae8e	psph	PSMDBADPARM
44687	ae8f	psph	PSBADCL2RQT
44688	ae90	psph	PSQBADMSG
44689	ae91	psph	PSQPH1
44690	ae92	psph	PSQBADSTIM
44691	ae93	psph	PSISQPH
44692	ae94	psph	PSBADERR
44693	ae95	psph	PSSGFAIL
44694	ae96	psph	PSLPBK
44695	ae97	psph	PSINVQLNT
44696	ae98	psph	PSINVLLCBIDX
44697	ae99	psph	PSLLCBLKERR
44698	ae9a	psph	PSQBADRAM
44699	ae9b	psph	PSQUNKENDPT
44700	ae9c	psph	PSQBADBCAST
44701	ae9d	psph	PSQQUEFULL
44702	ae9e	psph	PSQLV2RESTR

44703	ae9f	psph	PSQINVDERR
44704	aea0	psph	PSQLML2BLK
44705	aea1	psph	PSQLMOOSL1
44706	aea2	psph	PSIPHDRINV
44707	aea3	psph	PSBADMEM
44708	aea4	psph	PSINVRATE
44709	aea5	psph	PSDCDBERR
44710	aea6	psph	PSPPDBERR
44711	aea7	psph	PSUNXPPFRM
44712	aea8	psph	PST3TMRERR
44713	aea9	psph	PSINVPVMT
44714	aeaa	psph	PSSGCHFAIL
44715	aeab	psph	PVQUEFULL
44716	aeac	psph	PVINVVFSM
44717	aead	psph	PVENVFAIL
44718	aeae	psph	PVINVINPUT
44719	aeaf	psph	PVUNXTMREXP
44720	aeb0	psph	PVINVOUTPUT
44721	aeb1	psph	PVINVEVENT
44722	aeb2	psph	PVINVTMRTP
44723	aeb3	psph	PVTMRFAIL
44724	aeb4	psph	PVVFSMFAIL
44725	aeb5	psph	PVUNEXDATA
44729	aeb9	psph	PSTCCOPER
44730	aeba	psph	PSTCMSEXC
44731	aebb	psph	PVCSENTRY
44732	aebc	psph	PSNA7STUB
44734	aebe	psph	PVERRVOC
44738	aec2	psph	PSTCUSN
44739	aec3	psph	PSTCINDBAD
44745	aec9	psph	PSPSUPATH
44746	aeca	psph	PVADTERR
44747	aecb	psph	PSLLCBINVIDX
44748	aecc	psph	PSLCCBINVIDX
44749	aecd	psph	PSALCBINVIDX
44950	af96	pspi	PSPBDLST
44951	af97	pspi	PSPBLKSZ
44952	af98	pspi	PSFTOFFBAD
44953	af99	pspi	PSFROFFBAD
44954	af9a	pspi	PSFLAGBAD
44955	af9b	pspi	PSFCNTBAD
44956	af9c	pspi	PSF2MNYPKTS
44957	af9d	pspi	PSFTOOBIG
44958	af9e	pspi	PSLCBLBAD
44959	af9f	pspi	PSLONGCBL
44960	afa0	pspi	PSBADFFU
44961	afa1	pspi	PSFLASTLOOK
45050	affa	pspp	PSBDCH2L
45051	affb	pspp	PSBADSTATE
45052	affc	pspp	PSLLCBPTR
45053	affd	pspp	PSTIMCRPT
45054	affe	pspp	PSCPERR
45055	afff	pspp	PSLANCRPT
45056	b000	pspp	PSINTJOS
45057	b001	pspp	PSPKTERR
45058	b002	pspp	PSSWABMSG
45059	b003	pspp	PSSWCPY
45060	b004	pspp	PSLRFDBAD
45061	b005	pspp	PSLNOTXCMD
45062	b006	pspp	PSTINPUT
45063	b007	pspp	PSBADARG
45064	b008	pspp	PSNOGPBD
45065	b009	pspp	PSUNEXOFF
45066	b00a	pspp	PSNOIFD
45067	b00b	pspp	PSBADIFD
45068	b00c	pspp	PSLNKIFD
45069	b00d	pspp	PSOWNIFD
45070	b00e	pspp	PSBIXIFD
45071	b00f	pspp	PSUNEXIFD
45072	b010	pspp	PSUNEXRC
45073	b011	pspp	PSBADHDC
45074	b012	pspp	PSIFDOOR

45075	b013	pspp	PSINVCOMB
45076	b014	pspp	PSINVSEQ
45077	b015	pspp	PSP8TTYE
45078	b016	pspp	PSTRANFRM
45079	b017	pspp	PSIFDLNK
45080	b018	pspp	PSBADBDU
45081	b019	pspp	PSBDGONE
45082	b01a	pspp	PSTEXLLCB
45083	b01b	pspp	PSL2HCLLCB
45084	b01c	pspp	PSBADACTPB
45085	b01d	pspp	PSLANRBDSTART
45086	b01e	pspp	PSLTFCBAD
45087	b01f	pspp	PSLINVPARM
45088	b020	pspp	PSLTIMEOUT
45089	b021	pspp	PSBDCASLOOP
45090	b022	pspp	PSLPIBAD
45091	b023	pspp	PSTBADOWNER
45092	b024	pspp	PSTBADHDC
45093	b025	pspp	PSTBADTE
45094	b026	pspp	PSATMHWFAIL
45095	b027	pspp	PSBADVPI
45096	b028	pspp	PSBADPBCB
45097	b029	pspp	PSINVIDX
45098	b02a	pspp	PSPBTIMRUN
45099	b02b	pspp	PSUTIMRUN
45100	b02c	pspp	PSINVTIDX
45150	b05e	smpp	PPREPORT
45151	b05f	smpp	PPCICTR1
45152	b060	smpp	PPCICTR2
45153	b061	smpp	PPCIINT
45154	b062	smpp	PPBADTHRESH
45155	b063	smpp	PPBADERR
45156	b064	smpp	PPBADINTINFO
45157	b065	smpp	PPBADMSG
45158	b066	smpp	PPCHANBIG
45159	b067	smpp	PPCHIPBIG
45160	b068	smpp	PPBADPH
45161	b069	smpp	PPBADPI
45162	b06a	smpp	PPBADINIT
45163	b06b	smpp	PPMMUCRITERR
45164	b06c	smpp	SMSWBADACTION
45165	b06d	smpp	SMSWGACKF
45166	b06e	smpp	SMSWRETWSOS
45167	b06f	smpp	SMSWBMMUPTR
45168	b070	smpp	SMSWBABORT
45169	b071	smpp	SMSWBSITYPE
45170	b072	smpp	SMSWHPQMSG
45171	b073	smpp	PPISMBABBLE
45172	b074	smpp	SMSWCHSIZE
45173	b075	smpp	PPWPSKOV
45174	b076	smpp	PPWPSKUV
45175	b077	smpp	SMCRNULK
45176	b078	smpp	PPWPUSER
45177	b079	smpp	SMCRFORE
45178	b07a	smpp	SMCRLEVEL
45179	b07b	smpp	SMCRCOUNT
45180	b07c	smpp	SMCRNOBEG
45181	b07d	smpp	SMCRBEND
45182	b07e	smpp	PPCHGBAD
45183	b07f	smpp	PPLPIBAD
45184	b080	smpp	SMMHCLE1
45185	b081	smpp	SMMHCLE2
45186	b082	smpp	SMMHCLE3
45187	b083	smpp	SMMHCLE4
45188	b084	smpp	SMMHCLE5
45189	b085	smpp	SMMHAUINV
45190	b086	smpp	SMQLEPWPINV
45191	b087	smpp	SMQLEPNETINV
45192	b088	smpp	SMQLMHMSGINV
45193	b089	smpp	SMQLCMDINV
45194	b08a	smpp	SMQLERRTYPINV
45195	b08b	smpp	SMQGLDATA

45196	b08c	smpp	SMQGLSWINV
45197	b08d	smpp	SMQLEPNOTOSDS
45198	b08e	smpp	SMQGLSTINV
45199	b08f	smpp	SMQGLMSGINV
45200	b090	smpp	SMQGLCMDINV
45201	b091	smpp	SMQLUDINV
45202	b092	smpp	SMQGLSSINV
45203	b093	smpp	SMQLQFULL
45204	b094	smpp	SMQLBDACTON
45205	b095	smpp	SMQLPROFILE
45206	b096	smpp	SMQLEGETPROF
45207	b097	smpp	SMQLERRPROF
45208	b098	smpp	SMSIMS_SIDE
45209	b099	smpp	SMEQGP_RID
45210	b09a	smpp	SMQLN2PB
45211	b09b	smpp	SMQLNETINV
45212	b09c	smpp	SMQPSTINV
45213	b09d	smpp	SMQPEQINV
45214	b09e	smpp	SMQLPBKINV
45215	b09f	smpp	SMQLMQPSINV
45216	b0a0	smpp	PPVASYNINTER
45217	b0a1	smpp	PPMASKTIMREQF
45218	b0a2	smpp	SMBADPARAM
45219	b0a3	smpp	SMBADCONN
45220	b0a4	smpp	SMCONNMSGBAD
45221	b0a5	smpp	SMBADPSUCA
45222	b0a6	smpp	PPACMINIT
45223	b0a7	smpp	PPBADOSEVENT
45224	b0a8	smpp	PPACUNXMSG
45225	b0a9	smpp	PPACBADMACH
45226	b0aa	smpp	PPIMQFULL
45227	b0ab	smpp	PPACVFSM
45228	b0ac	smpp	PPACUNXINPUT
45229	b0ad	smpp	PPPACINAME
45230	b0ae	smpp	PP2NDPROV
45231	b0af	smpp	PPACUNXEVT
45232	b0b0	smpp	PPMETAGINUSE
45233	b0b1	smpp	PPBADTTY
45234	b0b2	smpp	PPNOGETTIMER
45235	b0b3	smpp	PPACFSMFAIL
45236	b0b4	smpp	PPNOSTOP
45237	b0b5	smpp	PPBADTMSTATIC
45238	b0b6	smpp	PPBADMETAG
45239	b0b7	smpp	PPXMQNOTEMPTY
45240	b0b8	smpp	PPIMQNOTEMPTY
45241	b0b9	smpp	PPINPSZOOB
45242	b0ba	smpp	PPBADENUM
45243	b0bb	smpp	PPIMQINFLOOP
45244	b0bc	smpp	PPXMQFULL
45246	b0be	smpp	SMUNEXHWSTATE
45247	b0bf	smpp	PPASNSTP
45248	b0c0	smpp	SMBAD_UNIT
45249	b0c1	smpp	SMELMHINVMSG
45250	b0c2	smpp	SMELMHINVCMO
45251	b0c3	smpp	SMELMHINVMDATA
45252	b0c4	smpp	SMELINVPTCNT
45253	b0c5	smpp	SMELMHINVEVENT
45254	b0c6	smpp	SMELMHINVELNK
45255	b0c7	smpp	SMELDATAACRPT
45256	b0c8	smpp	SMELPSTINVDATA
45300	b0f4	aupp	AUBADMANNER
45301	b0f5	aupp	AUBADPARAM
45302	b0f6	aupp	AUBADMODE
45303	b0f7	aupp	AUBDTTY
45304	b0f8	aupp	AUPSACID
45305	b0f9	aupp	AUPSCOND
45306	b0fa	aupp	AUPSMSLG
45307	b0fb	aupp	AUPSTYLG
45308	b0fc	aupp	AUPSERREA
45309	b0fd	aupp	AUPSFUNC
45310	b0fe	aupp	AUPSITYP
45311	b0ff	aupp	AUPSBDM

45312	b100	aupp	AUPSTOPER
45313	b101	aupp	AUPSACSEG
45314	b102	aupp	AUPSMOD
45315	b103	aupp	AUPSBADRET
45316	b104	aupp	AUPSLRBDPOOL
45317	b105	aupp	KAPSPGERR
45318	b106	aupp	AUBADUSE
45320	b108	aupp	AUERTRAN
45321	b109	aupp	AUERALARM
45450	b18a	pmppp	INMPHBT
45451	b18b	pmppp	INMPHRS
45452	b18c	pmppp	INMPHSM
45453	b18d	pmppp	INMPHPU
45454	b18e	pmppp	INMPHPT
45455	b18f	pmppp	INMPHCR
45456	b190	pmppp	INMPHIT
45457	b191	pmppp	INMPHNM
45458	b192	pmppp	INMPHIP
45459	b193	pmppp	INMPHIA
45460	b194	pmppp	INMPHIM
45461	b195	pmppp	INMPHTP
45462	b196	pmppp	INMPHBM
45463	b197	pmppp	INMPHML
45464	b198	pmppp	INMPHSD
45465	b199	pmppp	INMPHPI
45466	b19a	pmppp	INMPHIF
45467	b19b	pmppp	INMPHNR
45468	b19c	pmppp	INMPHBF
45469	b19d	pmppp	INMPHEF
45470	b19e	pmppp	INMPHNB
45471	b19f	pmppp	INMPHLE
45472	b1a0	pmppp	INMPHNA
45473	b1a1	pmppp	INMPHTO
45474	b1a2	pmppp	INMPHSC
45475	b1a3	pmppp	INMPHER
45476	b1a4	pmppp	INMPHTB
49999	c34f	unk	OUT OF RANGE

5E13 Numeric Index

1. 5E13 Numeric Index: 0-1070

ERROR CODE	PRM CODE	RANGE	MNEMONIC
0	0	dsmkp	SMUNK_EVNT
6	6	dsmkp	SMUNK_TOUT
7	7	dsmkp	SM7SK_Q_ERR
8	8	dsmkp	SMUSER_ERR
9	9	dsmkp	SMTQ_OVFLW
10	a	dsmkp	SMNOMSGE
11	b	dsmkp	SMBAD_TOUT
12	c	dsmkp	SMUNK_MSG
13	d	dsmkp	SMCILBLCL
14	e	dsmkp	SMCRIT_VIOL
15	f	dsmkp	SMUSER_Q_ERR
16	10	dsmkp	SMCNOPOST
17	11	dsmkp	SMBAD_USTATE
18	12	dsmkp	SMNO_AIM
19	13	dsmkp	SMNO_TQE
20	14	dsmkp	SMNO_PORT
21	15	dsmkp	SMNO_CMKP
22	16	dsmkp	SMCMOPFAIL
23	17	dsmkp	SMNODBPCD
24	18	dsmkp	SMNONPCD
25	19	dsmkp	SMUNK_ACK
26	1a	dsmkp	SMBADACK
27	1b	dsmkp	SMCPRCSPP
28	1c	dsmkp	SMCSWFLT
50	32	dsmkp	SMBADMSG
51	33	dsmkp	SMBADPAR
52	34	dsmkp	SMBACTYPE
53	35	dsmkp	SMNOMSG
54	36	dsmkp	SM54BADACK
55	37	dsmkp	SMPCDERR
56	38	dsmkp	SMNOPCD
57	39	dsmkp	SMNOEQUIP
60	3c	dsmkp	SM60BADMSG
61	3d	dsmkp	SMBDMSTYP
62	3e	dsmkp	SMBADPCD
63	3f	dsmkp	SMBDCALL
64	40	dsmkp	SMCONAP
65	41	dsmkp	SMMEAP
66	42	dsmkp	SMGTMAP
67	43	dsmkp	SMNOSLOTAP
68	44	dsmkp	SMEECDAP
69	45	dsmkp	SMOPENAP
70	46	dsmkp	SMUECDAP
71	47	dsmkp	SMHMAP
72	48	dsmkp	SMSTCAP
73	49	dsmkp	SMKP73
74	4a	dsmkp	SMKP74
75	4b	dsmkp	SMKP75
76	4c	dsmkp	SMKP76
77	4d	dsmkp	SMKP77
78	4e	dsmkp	SMKP78
79	4f	dsmkp	SMKP79
80	50	dsmkp	SMKP80
81	51	dsmkp	SMKP81
82	52	dsmkp	SMURECAP
83	53	dsmkp	SMRTSAP
84	54	dsmkp	SMLINKBAD
85	55	dsmkp	SMBADhHMSG
86	56	dsmkp	SMMAPBAD
88	58	dsmkp	SMKP88
89	59	dsmkp	SMKP89
90	5a	dsmkp	SMKP90
100	64	dsmkp	SMASTONP
101	65	dsmkp	SMASTOBRPT
102	66	dsmkp	SMASTDBRDF

103	67	dsmkp	SMBDINCV
104	68	dsmkp	SMIIONLP
105	69	dsmkp	SMIIONPCD
106	6a	dsmkp	SMIIONLRM
107	6b	dsmkp	SMIIONNR
108	6c	dsmkp	SMIIONAR
109	6d	dsmkp	SMIISONP
110	6e	dsmkp	SMIISONOPCD
111	6f	dsmkp	SMIISOBM
112	70	dsmkp	SMIISOCARD
113	71	dsmkp	SMIIAAUE
150	96	dsmkp	SMAUBINT
151	97	dsmkp	SMAUBERR
152	98	dsmkp	SMAUBSWT
153	99	dsmkp	SMAUBRST
154	9a	dsmkp	SMAUBRMU
155	9b	dsmkp	SMAUBADT
156	9c	dsmkp	SMAUCLK
157	9d	dsmkp	SMAUBTYP
158	9e	dsmkp	SMAUBREQ
159	9f	dsmkp	SMAUBMSG
160	a0	dsmkp	SMAUBSDE
162	a2	dsmkp	SMAUTLNK
163	a3	dsmkp	SMAUTADT
165	a5	dsmkp	SMAUTPRM
166	a6	dsmkp	SMAURTER
167	a7	dsmkp	SMAURFLK
168	a8	dsmkp	SMAUBTYM
169	a9	dsmkp	SMAUBSTA
170	aa	dsmkp	SMAUBSNT
200	c8	dsmkp	SMNCINCL
201	c9	dsmkp	SMNCINRF
202	ca	dsmkp	SMNCRDCL
203	cb	dsmkp	SMNCRDF
204	cc	dsmkp	SMNCPSRF
205	cd	dsmkp	SMNCRPRF
206	ce	dsmkp	SMNCSPMD
207	cf	dsmkp	SMNCSPCM
208	d0	dsmkp	SMNCSPPR
209	d1	dsmkp	SMNCSPFN
210	d2	dsmkp	SMNCRWTD
211	d3	dsmkp	SMNCLBTO
212	d4	dsmkp	SMNCANYM
213	d5	dsmkp	SMNCCMMT
214	d6	dsmkp	SMNCTGUN
215	d7	dsmkp	SMNCSHMT
216	d8	dsmkp	SMNCDMMT
217	d9	dsmkp	SMNCCMFP
218	da	dsmkp	SMNCFRAC
219	db	dsmkp	SMNCFRSC
220	dc	dsmkp	SMNCFRAR
221	dd	dsmkp	SMNCFRRC
222	de	dsmkp	SMNCIMRF
223	df	dsmkp	SMNCMDMD
224	e0	dsmkp	SMNCRIST
225	e1	dsmkp	SMNCRITL
226	e2	dsmkp	SMNCRIPS
227	e3	dsmkp	SMNCRISS
228	e4	dsmkp	SMNCRIXS
229	e5	dsmkp	SMNCRIRP
230	e6	dsmkp	SMNCRICS
231	e7	dsmkp	SMNCRIDS
232	e8	dsmkp	SMNCRICE
233	e9	dsmkp	SMNCADPR
234	ea	dsmkp	SMNCADSR
235	eb	dsmkp	SMNCADXC
236	ec	dsmkp	SMNCADUN
237	ed	dsmkp	SMNCSCER
238	ee	dsmkp	SMNCSSRF
239	ef	dsmkp	SMNCSRRR
240	f0	dsmkp	SMNCRRAC
241	f1	dsmkp	SMNCSMMD

242	f2	dsmkp	SMNCRRF1
243	f3	dsmkp	SMNCRRER
244	f4	dsmkp	SMNCRRWC
245	f5	dsmkp	SMNCRCCL
246	f6	dsmkp	SMNCTTYO
250	fa	dsmkp	SMDMCMKP
251	fb	dsmkp	SMDMOUTMSG
252	fc	dsmkp	SMDMPARAM
253	fd	dsmkp	SMDMSCPCHK
254	fe	dsmkp	SMDMINVDLI
255	ff	dsmkp	SMDMGDOOR
256	100	dsmkp	SMDMMSTYPE
257	101	dsmkp	SMDMACTION
258	102	dsmkp	SMDMBADLOG
259	103	dsmkp	SMDMILLID
260	104	dsmkp	SMDMREADST
261	105	dsmkp	SMDMNODSPY
262	106	dsmkp	SMDMMSGEN
263	107	dsmkp	SMDMCONPORT
264	108	dsmkp	SMDMFRDTUP
265	109	dsmkp	SMDMINVUNIT
266	10a	dsmkp	SMDMNOTFND
267	10b	dsmkp	SMDMETYPE
268	10c	dsmkp	SMDMQSEND
269	10d	dsmkp	SMDMONCREATE
272	110	dsmkp	SMDMDDREAD
273	111	dsmkp	SMDMIPARM
274	112	dsmkp	SMDMDLINP
275	113	dsmkp	SMDMBADQREQ
276	114	dsmkp	SMDMODDFAIL
277	115	dsmkp	SMDMPASFAIL
280	118	dsmkp	SMNOPC
281	119	dsmkp	SMWGMMSG
282	11a	dsmkp	SMNOSCAN
283	11b	dsmkp	SMCNTDGN
284	11c	dsmkp	SMINVSTATE
285	11d	dsmkp	SMFAILREQ
286	11e	dsmkp	SMQUTIMOUT
287	11f	dsmkp	SMUNREC
288	120	dsmkp	SMNOEVTNO
289	121	dsmkp	SMNOLG
290	122	dsmkp	SMINVDIST
291	123	dsmkp	SMUNSEND
292	124	dsmkp	SMINITSCSDA
293	125	dsmkp	SMWGFUNC
294	126	dsmkp	SMUNKMTST
295	127	dsmkp	SMFULLARY
296	128	dsmkp	SMDMAMVRFERR
297	129	dsmkp	SMCMKPNOACK
298	12a	dsmkp	SMFSMPRCVF
299	12b	dsmkp	SMPHYTOLOGF
300	12c	dsmkp	SMQINVNTWK
301	12d	dsmkp	SMQUINVDQLST
302	12e	dsmkp	SMINPSTINV
303	12f	dsmkp	SMQUBADMSGTY
304	130	dsmkp	SMQUSTFERR
305	131	dsmkp	SMQUSNDSMPF
306	132	dsmkp	SMQATPASF
307	133	dsmkp	SMQATODDF
308	134	dsmkp	SMINVCLOACK
309	135	dsmkp	SMQUENMSGF
310	136	dsmkp	SMCMKPOPNF
311	137	dsmkp	SMCMKPCLOF
312	138	dsmkp	SMQUINVPST
313	139	dsmkp	SMQNETCREATE
314	13a	dsmkp	SMBADODD
500	1f4	dcmkp	CMAUKPPT
501	1f5	dcmkp	CMAUKPMT
502	1f6	dcmkp	CMAUSFLT
550	226	dcmdrv	CMAUPORT
551	227	dcmdrv	CMAUMTYP
552	228	dcmdrv	CMAUADMA

553	229	dcmdrv	CMAUPJOB
554	22a	dcmdrv	CMAUNORG
555	22b	dcmdrv	CMAUNDST
556	22c	dcmdrv	CMAUNOOS
557	22d	dcmdrv	CMAUQFLL
558	22e	dcmdrv	CMAUCMA
559	22f	dcmdrv	CMAUIOOP
560	230	dcmdrv	CMAUNUCB
600	258	dhmo	HMSIP_0
601	259	dhmo	HMSIP_1
602	25a	dhmo	HMSIP_2
603	25b	dhmo	HMSIP_3
606	25e	dhmo	HMSIP_6
607	25f	dhmo	HMSIP_7
608	260	dhmo	HMSIP_8
609	261	dhmo	HMSIP_9
610	262	dhmo	HMSIP_10
611	263	dhmo	HMSIP_11
613	265	dhmo	HMSIP_13
615	267	dhmo	HMSIP_15
617	269	dhmo	HMSIP_17
630	276	dhmo	HMSIP_30
632	278	dhmo	HMSIP_32
633	279	dhmo	HMSIP_33
634	27a	dhmo	HMSIP_34
635	27b	dhmo	HMSIP_35
636	27c	dhmo	HMSIP_36
637	27d	dhmo	HMSIP_37
660	294	dhmo	HMLOG_0
661	295	dhmo	HMLOG_1
662	296	dhmo	HMLOG_2
663	297	dhmo	HMLOG_3
665	299	dhmo	HMLOG_5
666	29a	dhmo	HMLOG_6
667	29b	dhmo	HMLOG_7
668	29c	dhmo	HMLOG_8
669	29d	dhmo	HMLOG_9
670	29e	dhmo	HMLOG_10
700	2bc	daim	SIINVEV
702	2be	daim	SIBMS_TYPE
703	2bf	daim	SIBIN_TYPE
705	2c1	daim	SIBSI_TYPE
706	2c2	daim	SIBTYPE
709	2c5	daim	SIFASRTMSG
710	2c6	daim	INBAIMPORT
711	2c7	daim	INBCMCKPACK
713	2c9	daim	INBTIMER
714	2ca	daim	INITTIMEOUT
715	2cb	daim	SIFAULTED
717	2cd	daim	INDUPII
718	2ce	daim	INMSGUNEX
727	2d7	daim	IMBMS_TYPE
728	2d8	daim	IMBIN_TYPE
729	2d9	daim	IM_LOOPCNT
737	2e1	daim	SI_KLOCK
739	2e3	daim	INUNSUPPSEQ
740	2e4	daim	IM_LKDATA
741	2e5	daim	INBSEQSTATE
742	2e6	daim	SIBDAPIID
743	2e7	daim	INBADPORT
744	2e8	daim	INFAULTFAIL
745	2e9	daim	SIBOSTCODE
746	2ea	daim	INNOTRIG
747	2eb	daim	SITMSGBUF
748	2ec	daim	SITMSGQUE
749	2ed	daim	SITADDTSK
750	2ee	daim	SITINITFAIL
751	2ef	daim	SITADDRES
752	2f0	daim	SITPRMBUF
753	2f1	daim	SITPRMQUE
754	2f2	daim	SITTSKACT
755	2f3	daim	SITRESET

756	2f4	daim	SITTSKTYP
757	2f5	daim	SITINITTIMEOUT
758	2f6	daim	SIINVREQINIT
759	2f7	daim	SIDDWERR
761	2f9	daim	INBOTYPE
762	2fa	daim	IM_LKRET
765	2fd	daim	INNOMSGBUF
766	2fe	daim	INSNDFLTFAIL
767	2ff	daim	INSNDEVTFail
768	300	daim	SIINVINIT
769	301	daim	SIAPPLPARM
770	302	daim	SIINVMSG
771	303	daim	INECDFAIL
772	304	daim	INCONFIGFAIL
773	305	daim	SIINVRET
774	306	daim	SICONFIGFAIL
775	307	daim	SIUNCONDFAIL
776	308	daim	SIINVOSTFAIL
777	309	daim	SITMRINACT
778	30a	daim	SITMROVFLOW
779	30b	daim	SIAMDWFail
780	30c	daim	INPMCOMFAIL
781	30d	daim	SIALOCFAIL
782	30e	daim	SIQMFAIL
783	30f	daim	INBADSEQST
784	310	daim	SIBADPARAM
785	311	daim	SIOVRSTIMER
786	312	daim	SIFLOWERR
787	313	daim	SIBADTTY
788	314	daim	INTMTOUT
789	315	daim	INSYSIMSGFAIL
790	316	daim	SINOTSKBLK
791	317	daim	SISMKPFAIL
792	318	daim	SIDBRDERR
793	319	daim	SIDDRDERR
794	31a	daim	INFPTOUT
795	31b	daim	IM_LK_CNT
796	31c	daim	IM_BADU2PRET
797	31d	daim	IM_BADP2URET
949	3b5	daim	SIASTAUD
951	3b7	ddg	DGPE32
952	3b8	ddg	DGPE33
953	3b9	ddg	DGPE34
954	3ba	ddg	DGPE35
955	3bb	ddg	DGPE36
956	3bc	ddg	DGPE37
957	3bd	ddg	DGPE38
958	3be	ddg	DGPE39
959	3bf	ddg	DGPE40
960	3c0	ddg	DGPE41
961	3c1	ddg	DGPE42
962	3c2	ddg	DGPE43
968	3c8	ddg	DGRXE1
969	3c9	ddg	DGRXE2
970	3ca	ddg	DGRXE3
971	3cb	ddg	DGRXE4
972	3cc	ddg	DGRXE5
973	3cd	ddg	DGRXE6
974	3ce	ddg	DGRXE7
975	3cf	ddg	DGRXE8
977	3d1	ddg	DGRXE10
978	3d2	ddg	DGRXE11
979	3d3	ddg	DGRXE12
980	3d4	ddg	DGRXE13
981	3d5	ddg	DGRXE14
982	3d6	ddg	DGRXE15
1050	41a	dctsp	INPUALCS
1051	41b	dctsp	INPUSTMP
1052	41c	dctsp	INPUFLT
1053	41d	dctsp	INPUADSG
1054	41e	dctsp	INPUSDPT
1055	41f	dctsp	INPUCOPN

1056	420	dctsp	INPUBADSCNAME
1057	421	dctsp	INPUALKS
1058	422	dctsp	INPUPNSP
1059	423	dctsp	INPUEVT
1060	424	dctsp	INPUGRSG
1061	425	dctsp	INPURIMSUMERR
1062	426	dctsp	INPUFREE
1063	427	dctsp	INPUINVEV
1064	428	dctsp	INPUINVMS
1065	429	dctsp	INPUBMAG
1066	42a	dctsp	INPUSAEA
1067	42b	dctsp	INPUPRI
1068	42c	dctsp	INPUULCK
1069	42d	dctsp	INPUREAD
1070	42e	dctsp	INPUFOPN

2. 5E13 Numeric Index: 1071-1760

ERROR CODE	PRM CODE	RANGE	MNEMONIC
1071	42f	dctsp	INPUFCLS
1072	430	dctsp	INPUALOC
1073	431	dctsp	INPUCANC
1074	432	dctsp	INPUMXB
1075	433	dctsp	INPUTIMER
1076	434	dctsp	INPUDSKB
1077	435	dctsp	INPUABRT
1078	436	dctsp	INPUCONP
1079	437	dctsp	INPUCPMMSG
1080	438	dctsp	INPUSFLT
1081	439	dctsp	INPUSMSG
1082	43a	dctsp	INPUSEG
1083	43b	dctsp	INPUNOBAD
1084	43c	dctsp	INPUSZBAD
1085	43d	dctsp	INPUFILMX
1087	43f	dctsp	INPUFIN
1088	440	dctsp	INPUFHF
1089	441	dctsp	INPUACKF
1090	442	dctsp	INPUNOLNK
1091	443	dctsp	INPUINVPTYPE
1092	444	dctsp	INLBPCNOSM
1093	445	dctsp	INPUNOCRC
1094	446	dctsp	INPLFMAG
1100	44c	dctsp	INPULINK
1101	44d	dctsp	INPURQFN
1102	44e	dctsp	INPULNKQ
1104	450	dctsp	INPUPAS
1105	451	dctsp	INPUODD
1111	457	dctsp	INPUOAOP
1112	458	dctsp	INPUOARP
1113	459	dctsp	INPUOARR
1114	45a	dctsp	INPUOACL
1115	45b	dctsp	INPUEISS
1117	45d	dctsp	INPUWRDD
1118	45e	dctsp	INTOFLT
1119	45f	dctsp	INPUNOSCN
1150	47e	dfp	INPUALCS
1151	47f	dfp	INPUSTMP
1152	480	dfp	INPUFLT
1153	481	dfp	INPUADSG
1154	482	dfp	INPUSDPT
1155	483	dfp	INPUCOPN
1156	484	dfp	INRIMFND
1157	485	dfp	INPUALKS
1158	486	dfp	INPUPNSP
1159	487	dfp	INPUEVT
1160	488	dfp	INPUGRSG
1161	489	dfp	INPUBADSCNAME
1162	48a	dfp	INPUFREE
1163	48b	dfp	INPUINVEV
1164	48c	dfp	INPUINVMS
1165	48d	dfp	INPUBMAG

1166	48e	dfp	INPUSAEA
1167	48f	dfp	INPUPRI
1168	490	dfp	INPUULCK
1169	491	dfp	INPUREAD
1170	492	dfp	INPUFOPN
1171	493	dfp	INPUFCLS
1172	494	dfp	INPUALOC
1173	495	dfp	INPUCANC
1174	496	dfp	INPUMXB
1175	497	dfp	INPUTIMER
1176	498	dfp	INPUDSKB
1177	499	dfp	INPUABRT
1178	49a	dfp	INPUCONP
1179	49b	dfp	INPUCPMMSG
1180	49c	dfp	INPUSFLT
1181	49d	dfp	INPUSMSG
1182	49e	dfp	INPUSEG
1183	49f	dfp	INPUNOBAD
1184	4a0	dfp	INPURIMSUMERR
1185	4a1	dfp	INPUFILMX
1186	4a2	dfp	INPUSZBAD
1187	4a3	dfp	INPUFIN
1188	4a4	dfp	INPUFHF
1189	4a5	dfp	INPUACKF
1190	4a6	dfp	INPUNOLNK
1191	4a7	dfp	INFPNOBSMS
1192	4a8	dfp	INPUNOSCN
1193	4a9	dfp	INPUNOCRC
1194	4aa	dfp	INPLFMAG
1202	4b2	dfp	INPUBLKB
1203	4b3	dfp	INPURCVM
1204	4b4	dfp	INPUFDSK
1209	4b9	dfp	INPUFPAS
1210	4ba	dfp	INPUFODD
1211	4bb	dfp	INPUOAOP
1212	4bc	dfp	INPUOARP
1213	4bd	dfp	INPUOARR
1214	4be	dfp	INPUOACL
1215	4bf	dfp	INPUEISS
1217	4c1	dfp	INPUWRDD
1218	4c2	dfp	INPUPLVL
1219	4c3	dfp	INPULBRQ
1220	4c4	dfp	INPUJTR
1221	4c5	dfp	INPUPTYP
1222	4c6	dfp	INUPINCON
1223	4c7	dfp	INTOFLT
1250	4e2	dpucr	INPCPORT
1251	4e3	dpucr	INPCINVEV
1252	4e4	dpucr	INPCFLT
1253	4e5	dpucr	INPCSNDPT
1254	4e6	dpucr	INPCOPN
1255	4e7	dpucr	INPCORPHAN
1256	4e8	dpucr	INPCINVMSG
1257	4e9	dpucr	INPCCRTE
1258	4ea	dpucr	INPCSWAP
1259	4eb	dpucr	INPCPRI
1260	4ec	dpucr	INPCABORT
1261	4ed	dpucr	INPCBPORT
1262	4ee	dpucr	INPCSFLT
1263	4ef	dpucr	INPCDQUE
1264	4f0	dpucr	INPCTYPE
1265	4f1	dpucr	INPCCRTIME
1267	4f3	dpucr	INPCTERM
1268	4f4	dpucr	INPCSCPMMSG
1271	4f7	dpucr	INPCGTMSG
1272	4f8	dpucr	INBPAODD
1273	4f9	dpucr	PUCR23
1275	4fb	dpucr	INPCMNT
1276	4fc	dpucr	INPCSMMSG
1277	4fd	dpucr	INPCQFULL
1278	4fe	dpucr	INPCNOPUMP
1279	4ff	dpucr	INPCSTATE

1280	500	dpucr	INPCFTIME
1281	501	dpucr	INPCTTIME
1282	502	dpucr	INPCDTIME
1283	503	dpucr	INPCAETN
1284	504	dpucr	INPCNODIR
1285	505	dpucr	INBPFREE
1286	506	dpucr	INBPALCS
1287	507	dpucr	INBPSMSG
1288	508	dpucr	INBPALOC
1289	509	dpucr	INBPADSG
1290	50a	dpucr	INBPSTMP
1291	50b	dpucr	INBPTIME
1292	50c	dpucr	INBPOARR
1293	50d	dpucr	INBPALKS
1294	50e	dpucr	INBPOARP
1295	50f	dpucr	INBPOAOP
1296	510	dpucr	INBPNOSM
1297	511	dpucr	INBPBADP
1298	512	dpucr	INBPSize
1299	513	dpucr	INBPBADS
1300	514	dpucr	INPCCONTIME
1301	515	dpucr	INPUEISS
1350	546	dmsdrv	SMMMMSG
1351	547	dmsdrv	SMMMEACKM
1352	548	dmsdrv	SMMMEDEQMSG
1353	549	dmsdrv	SMMMMTIP
1354	54a	dmsdrv	SMMMMDQFAIL
1355	54b	dmsdrv	SMMMISEQ
1356	54c	dmsdrv	SMMMSFE
1357	54d	dmsdrv	SMMMBSSTE
1358	54e	dmsdrv	SMMMBADFLT
1359	54f	dmsdrv	SMMMBADEQID
1360	550	dmsdrv	SMMMBCC
1361	551	dmsdrv	SMMMSDMSG
1362	552	dmsdrv	SMMMQFAIL
1363	553	dmsdrv	SMMMRQTFAIL
1364	554	dmsdrv	SMMMOTIFAIL
1365	555	dmsdrv	SMMMVREQ
1366	556	dmsdrv	SMMMEGPM
1367	557	dmsdrv	SMMMRDSTATE
1368	558	dmsdrv	SMMMPCINT
1369	559	dmsdrv	SMMMEGPTA
1370	55a	dmsdrv	SMMMEASNDMA
1371	55b	dmsdrv	SMMMUNLOCK
1372	55c	dmsdrv	SMMMDELDMA
1373	55d	dmsdrv	SMMMDELTIME
1374	55e	dmsdrv	SMMMABTDGN
1375	55f	dmsdrv	SMMMABTSRT
1376	560	dmsdrv	SMMMEFSET
1377	561	dmsdrv	SMMMEDMAJN
1378	562	dmsdrv	SMMMETIME
1379	563	dmsdrv	SMMMDBFR
1380	564	dmsdrv	SMMMTOMSG
1381	565	dmsdrv	SMMMBTO
1382	566	dmsdrv	SMMMBXMIT
1383	567	dmsdrv	SMERCMSIM
1384	568	dmsdrv	SMDLDEIB
1385	569	dmsdrv	SMEIBPING
1386	56a	dmsdrv	SMINITCMSIM
1387	56b	dmsdrv	SMRSTCMSIM
1388	56c	dmsdrv	SMVTOP
1389	56d	dmsdrv	SMREQCMSIM
1390	56e	dmsdrv	SMKPMQBAD
1400	578	dmsdrv	SMPPMSGB
1403	57b	dmsdrv	SMPPACKM
1404	57c	dmsdrv	SMPPEQID
1405	57d	dmsdrv	SMPPREQT
1406	57e	dmsdrv	SMPPDELT
1407	57f	dmsdrv	SMPPDEQM
1408	580	dmsdrv	SMPPQUEM
1409	581	dmsdrv	SMPPOVFM
1410	582	dmsdrv	SMPPPICR

1411	583	dmsdrv	SMPPMBDM
1412	584	dmsdrv	SMPPRDST
1413	585	dmsdrv	SMPPTINX
1414	586	dmsdrv	SMPPERTM
1415	587	dmsdrv	SMPPHSER
1416	588	dmsdrv	SMPPSFLT
1417	589	dmsdrv	SMPPIVFLT
1450	5aa	dmsdrv	SMFPMSGB
1451	5ab	dmsdrv	SMFPACKM
1452	5ac	dmsdrv	SMFPEQID
1453	5ad	dmsdrv	SMFPREQT
1454	5ae	dmsdrv	SMFPDELT
1455	5af	dmsdrv	SMFPDEQM
1456	5b0	dmsdrv	SMFPQUEM
1457	5b1	dmsdrv	SMFPOVFM
1458	5b2	dmsdrv	SMFPPICR
1459	5b3	dmsdrv	SMFPMBDM
1460	5b4	dmsdrv	SMFPRDST
1461	5b5	dmsdrv	SMFPTINX
1462	5b6	dmsdrv	SMFPHSER
1463	5b7	dmsdrv	SMFPSEGE
1464	5b8	dmsdrv	SMFPHDMA
1465	5b9	dmsdrv	SMFPERTM
1466	5ba	dmsdrv	SMFPSFLT
1467	5bb	dmsdrv	SMFPIVFLT
1468	5bc	dmsdrv	SMFPERTO
1469	5bd	dmsdrv	SMFPCRT0
1470	5be	dmsdrv	SMFPTIV
1471	5bf	dmsdrv	SMFPIPMB
1472	5c0	dmsdrv	SMFPBPMB
1473	5c1	dmsdrv	SMFPCNSRC
1500	5dc	dmsdrv	SMMSEMSG
1501	5dd	dmsdrv	SMMSEACKM
1502	5de	dmsdrv	SMMSEMPROC
1503	5df	dmsdrv	SMMSMTIP
1504	5e0	dmsdrv	SMMSDQFAIL
1505	5e1	dmsdrv	SMMSSSEQINV
1506	5e2	dmsdrv	SMMSBADTEXT
1507	5e3	dmsdrv	SMMSFATAL
1508	5e4	dmsdrv	SMMSBADFLT
1509	5e5	dmsdrv	SMMSBADQID
1510	5e6	dmsdrv	SMMSBPIQFULL
1511	5e7	dmsdrv	SMMSESND
1512	5e8	dmsdrv	SMMSQFAIL
1513	5e9	dmsdrv	SMMSRQTFAIL
1514	5ea	dmsdrv	SMMSOTIFAIL
1515	5eb	dmsdrv	SMMSATTECD
1516	5ec	dmsdrv	SMMSEATCH
1517	5ed	dmsdrv	SMMSELLA
1518	5ee	dmsdrv	SMMSEUCB
1519	5ef	dmsdrv	SMMSFUCB
1520	5f0	dmsdrv	SMMSEIATCH
1521	5f1	dmsdrv	SMMSEGPTA
1522	5f2	dmsdrv	SMMSEASNDMA
1523	5f3	dmsdrv	SMMSENINT
1524	5f4	dmsdrv	SMMSEDMAJN
1525	5f5	dmsdrv	SMMSETIM
1526	5f6	dmsdrv	SMMSELDMA
1527	5f7	dmsdrv	SMMSELTIME
1528	5f8	dmsdrv	SMMSREQTIME
1529	5f9	dmsdrv	SMMSUNLOCK
1530	5fa	dmsdrv	SMMSDDREAD
1531	5fb	dmsdrv	SMMSDISAB
1532	5fc	dmsdrv	SMMSEECD
1533	5fd	dmsdrv	SMMSBADSQIP
1534	5fe	dmsdrv	SMMSODDNG
1535	5ff	dmsdrv	SMMSODDER
1536	600	dmsdrv	SMMSPUMPNG
1537	601	dmsdrv	SMMSFILENG
1538	602	dmsdrv	SMMSINCTI
1539	603	dmsdrv	SMMSINPFS
1540	604	dmsdrv	SMMSINCMVINT

1541	605	dmsdrv	SMMSLCREAD
1549	60d	dmsdrv	SMKPUSRACK
1550	60e	dmsdrv	SMKPSEG_BAD
1551	60f	dmsdrv	SMKPEQID_BAD
1552	610	dmsdrv	SMKPMPORT_NG
1553	611	dmsdrv	SMKPMBUF_FAIL
1554	612	dmsdrv	SMKPSMSG_FAIL
1555	613	dmsdrv	SMKPDGNST_BAD
1556	614	dmsdrv	SMKPMSG_UNKN
1557	615	dmsdrv	SMKPS7RECOV
1558	616	dmsdrv	SMKPUCBR_UNKN
1559	617	dmsdrv	SMKPSW_FLT
1560	618	dmsdrv	SMKPSEQIP_BAD
1561	619	dmsdrv	SMKPRADD_BAD
1562	61a	dmsdrv	SMKPPTA_NG
1563	61b	dmsdrv	SMKPADMA_FAIL
1564	61c	dmsdrv	SMKPTTBL_FULL
1565	61d	dmsdrv	SMKPTTLK_BAD
1566	61e	dmsdrv	SMKPTTEN_BAD
1567	61f	dmsdrv	SMDINDEX_NG
1568	620	dmsdrv	SMDLSTIMULI_NG
1569	621	dmsdrv	SMDLNOTIMER
1570	622	dmsdrv	SMDLSMSG_FAIL
1571	623	dmsdrv	SMDLMSG_LOST
1572	624	dmsdrv	SMDLMSGPTR_NG
1573	625	dmsdrv	SMDLWDTOU
1574	626	dmsdrv	SMDLER_CLOSE
1575	627	dmsdrv	SMDLER_SHRINK
1576	628	dmsdrv	SMDLER_OPEN
1577	629	dmsdrv	SMDLER_READ
1578	62a	dmsdrv	SMDLER_GROW
1579	62b	dmsdrv	SMDLCT_FULL
1580	62c	dmsdrv	SMDLNEQ_ODD
1581	62d	dmsdrv	SMDLNG_ODD
1582	62e	dmsdrv	SMDLCT_HUNG
1583	62f	dmsdrv	SMKPCMKP_FAIL
1584	630	dmsdrv	SMDLLASTST_NG
1585	631	dmsdrv	SMDLWAIT_NG
1586	632	dmsdrv	SMDLRET_NG
1587	633	dmsdrv	SMWLIST_FILL
1588	634	dmsdrv	SMFDLKMS
1589	635	dmsdrv	SMFDLKFP
1590	636	dmsdrv	SMFDLKMM
1591	637	dmsdrv	SMFDLKPP
1592	638	dmsdrv	SMFRAMMS
1593	639	dmsdrv	SMFRAMFP
1594	63a	dmsdrv	SMFRAMMM
1595	63b	dmsdrv	SMFRAMPP
1596	63c	dmsdrv	SMKPOORTIME
1597	63d	dmsdrv	SMKPPLAC
1598	63e	dmsdrv	SMKPD Mert
1599	63f	dmsdrv	SMKPERDGET
1600	640	dmsdrv	SMKPEUCB
1601	641	dmsdrv	SMKPBADCRAFT
1602	642	dmsdrv	SMKPDDREAD
1603	643	dmsdrv	SMIPINST
1604	644	dmsdrv	SMIPINET
1605	645	dmsdrv	SMIPINPE
1606	646	dmsdrv	SMIPINPL
1607	647	dmsdrv	SMIPINPTR
1608	648	dmsdrv	SMIPINDMA
1609	649	dmsdrv	SMIPINCC
1610	64a	dmsdrv	SMIPINEN
1611	64b	dmsdrv	SMIPRTFAIL
1612	64c	dmsdrv	SMIPDELFAIL
1613	64d	dmsdrv	SMIPTONP
1614	64e	dmsdrv	SMIPINPUCR
1615	64f	dmsdrv	SMIPVERFAIL
1616	650	dmsdrv	SMIPINIT
1625	659	dmsdrv	SMIQINFLE
1626	65a	dmsdrv	SMIQINDMA
1627	65b	dmsdrv	SMIQINPL

1628	65c	dmsdrv	SMIQINCC
1629	65d	dmsdrv	SMIQINEN
1630	65e	dmsdrv	SMIQINIT
1631	65f	dmsdrv	SMIQINST
1632	660	dmsdrv	SMIQINET
1633	661	dmsdrv	SMIQINPCNT
1634	662	dmsdrv	SMIQDELFAIL
1635	663	dmsdrv	SMIQRFAIL
1636	664	dmsdrv	SMIQTORQ
1637	665	dmsdrv	SMFRAMQP
1638	666	dmsdrv	SMDLCTBDATA
1750	6d6	dmsdrv	SMPIBADEQID
1751	6d7	dmsdrv	SMPIEMSG
1752	6d8	dmsdrv	SMPIEACKM
1753	6d9	dmsdrv	SMPIEDEQMSG
1754	6da	dmsdrv	SMPIMTIP
1755	6db	dmsdrv	SMPIDQFAIL
1756	6dc	dmsdrv	SMPISEQ
1757	6dd	dmsdrv	SMPISEFE
1758	6de	dmsdrv	SMPIBADFLT
1759	6df	dmsdrv	SMPIBCC
1760	6e0	dmsdrv	SMPISDMSG

3. 5E13 Numeric Index: 1761-2940

ERROR CODE	PRM CODE	RANGE	MNEMONIC
1761	6e1	dmsdrv	SMPIQFAIL
1762	6e2	dmsdrv	SMPIRQTFAIL
1763	6e3	dmsdrv	SMPIOTIFAIL
1764	6e4	dmsdrv	SMPIVREQ
1765	6e5	dmsdrv	SMPIEGPM
1766	6e6	dmsdrv	SMPIRDSTATE
1767	6e7	dmsdrv	SMPIEGPTA
1768	6e8	dmsdrv	SMPIEASNDMA
1769	6e9	dmsdrv	SMPIUNLOCK
1770	6ea	dmsdrv	SMPIDELDMA
1771	6eb	dmsdrv	SMPIDELTIME
1772	6ec	dmsdrv	SMPIABTDGN
1773	6ed	dmsdrv	SMPIABTSRT
1774	6ee	dmsdrv	SMPIETIME
1775	6ef	dmsdrv	SMPIEDMAJN
1776	6f0	dmsdrv	SMPIBTO
1777	6f1	dmsdrv	SMPIBXMIT
1800	708	dmsdrv	SMQGABTSRT
1801	709	dmsdrv	SMQGBEQID
1802	70a	dmsdrv	SMQGBFC
1803	70b	dmsdrv	SMQGBTO
1804	70c	dmsdrv	SMQGBXMIT
1805	70d	dmsdrv	SMQGDELDMA
1806	70e	dmsdrv	SMQGDELTIME
1807	70f	dmsdrv	SMQGDQFAIL
1808	710	dmsdrv	SMQGEACKM
1809	711	dmsdrv	SMQGEASNDMA
1810	712	dmsdrv	SMQGEIPMSG
1811	713	dmsdrv	SMQGEDMAJN
1812	714	dmsdrv	SMQGEQPM
1813	715	dmsdrv	SMQGEQPTA
1814	716	dmsdrv	SMQGEQMSG
1815	717	dmsdrv	SMQGETIME
1816	718	dmsdrv	SMQGISEQ
1817	719	dmsdrv	SMQGIPMEQ
1818	71a	dmsdrv	SMQGOTIFAIL
1819	71b	dmsdrv	SMQGQFAIL
1820	71c	dmsdrv	SMQGRDSTATE
1821	71d	dmsdrv	SMQGRQTFAIL
1822	71e	dmsdrv	SMQGUNLOCK
1823	71f	dmsdrv	SMQGEFSNT
1824	720	dmsdrv	SMQGEUAMSG
1825	721	dmsdrv	SMQGDDIIPM
2050	802	dhm	HMALM0
2051	803	dhm	HMALM1

2052	804	dhm	HMALM2
2053	805	dhm	HMALM28
2054	806	dhm	HMALM4
2055	807	dhm	HMALM5
2056	808	dhm	HMALM6
2057	809	dhm	HMALM7
2058	80a	dhm	HMALM8
2059	80b	dhm	HMALM9
2060	80c	dhm	HMALM10
2061	80d	dhm	HMALM11
2062	80e	dhm	HMALM12
2063	80f	dhm	HMALM13
2064	810	dhm	HMALM14
2065	811	dhm	HMALM15
2066	812	dhm	HMALM16
2067	813	dhm	HMALM17
2068	814	dhm	HMALM18
2069	815	dhm	HMALM19
2070	816	dhm	HMALM20
2071	817	dhm	HMALM21
2072	818	dhm	HMALM22
2073	819	dhm	HMALM23
2074	81a	dhm	HMALM24
2075	81b	dhm	HMALM29
2076	81c	dhm	HMALM26
2077	81d	dhm	HMALM27
2078	81e	dhm	HMMCC_3
2079	81f	dhm	HMMCC_4
2080	820	dhm	HMMCC_5
2081	821	dhm	HMMCC_6
2131	853	dhm	HMIRA_1
2132	854	dhm	HMIRA_2
2134	856	dhm	HMIRA_4
2135	857	dhm	HMIRA_5
2136	858	dhm	HMIRA_6
2137	859	dhm	HMIRA_7
2141	85d	dhm	HMIRA_b
2142	85e	dhm	HMIRA_c
2143	85f	dhm	HMIRA_d
2144	860	dhm	HMIRA_e
2147	863	dhm	HMIRA_61
2148	864	dhm	HMIRA_62
2149	865	dhm	HMIRA_63
2151	867	dhm	HMIRA_65
2152	868	dhm	HMIRA_66
2153	869	dhm	HMIRA_67
2179	883	dhm	HM1_IMST
2180	884	dhm	HM2_IMST
2181	885	dhm	HM3_IMST
2182	886	dhm	HM4_IMST
2210	8a2	dhm	HMMCC_0
2211	8a3	dhm	HMMCC_1
2212	8a4	dhm	HMMCC_2
2350	92e	dbkup	DBGRRDPHYS
2351	92f	dbkup	DBGRRDPRB
2352	930	dbkup	DBGRRDDR1
2353	931	dbkup	DBGRRMODD1
2354	932	dbkup	DBGRR2MOU
2355	933	dbkup	DBGRRMODD2
2356	934	dbkup	DBGRR1MOU
2357	935	dbkup	DBGRRGPRT
2358	936	dbkup	DBGRRLNK
2359	937	dbkup	DBGRRD
2360	938	dbkup	DBGRRDSSKSP
2361	939	dbkup	DBGRRWRIT
2362	93a	dbkup	DBGRRNULINK
2363	93b	dbkup	DBGRRWODMEM
2364	93c	dbkup	DBGRR1AIM
2365	93d	dbkup	DBGRRMNT1
2366	93e	dbkup	DBGRRPORT
2367	93f	dbkup	DBGRRMSG
2368	940	dbkup	DBGRRREC

2369	941	dbkup	DBGRNGMSG
2370	942	dbkup	DBGRDDWR
2371	943	dbkup	DBGRHMOUT
2372	944	dbkup	DBGRHM
2373	945	dbkup	DBGRDDW2
2374	946	dbkup	DBGRRDAIM
2375	947	dbkup	DBGRM2SCR
2376	948	dbkup	DBGRM1SCR
2377	949	dbkup	DBGRPAR2
2378	94a	dbkup	DBGRSYS1
2379	94b	dbkup	DBGRSYS2
2380	94c	dbkup	DBGROPN
2381	94d	dbkup	DBBKBCI
2382	94e	dbkup	DBGRCREAT1
2383	94f	dbkup	DBGRNUODD
2384	950	dbkup	DBGRPAD
2385	951	dbkup	DBGRAIMOPN
2386	952	dbkup	DBGRSCN
2387	953	dbkup	DBGRPART
2388	954	dbkup	DBGRCLOS
2389	955	dbkup	DBGRFOPN
2390	956	dbkup	DBGRLDF
2391	957	dbkup	DBGRLDN
2392	958	dbkup	DBGRBSCN
2393	959	dbkup	DBGRFSEK
2394	95a	dbkup	DBGRWSCN
2395	95b	dbkup	DBGRRDMEM
2396	95c	dbkup	DBGRRPHYS
2397	95d	dbkup	DBGRWIPHYS
2398	95e	dbkup	DBGRWODPHYS
2399	95f	dbkup	DBGRWIMEM
2400	960	dbkup	DBBKOPEN
2401	961	dbkup	DBBKREAD
2402	962	dbkup	DBBKSEEK
2403	963	dbkup	DBBKABOUT
2404	964	dbkup	DBBKWRITE
2405	965	dbkup	DBBKRECV
2406	966	dbkup	DBBKSEND
2407	967	dbkup	DBBKBDP
2408	968	dbkup	DBBKLCALL
2409	969	dbkup	DBBKDDR
2410	96a	dbkup	DBBKDDW
2411	96b	dbkup	DBBKMOUNT
2412	96c	dbkup	DBBKUMOUNT
2413	96d	dbkup	DBBKVCP
2414	96e	dbkup	DBBKULINK
2415	96f	dbkup	DBBKLINK
2416	970	dbkup	DBBKTMOUT
2417	971	dbkup	DBBKHMOUT
2418	972	dbkup	DBBKCREAT
2419	973	dbkup	DBBKFOPEN
2420	974	dbkup	DBBKFSANF
2421	975	dbkup	DBBKCLRLG
2422	976	dbkup	DBBKBGD
2423	977	dbkup	DBBKNA
2424	978	dbkup	DBBKBFIL
2425	979	dbkup	DBBKBHSH
2426	97a	dbkup	DBBKBODD
2427	97b	dbkup	DBBKSTAT
2428	97c	dbkup	DBBKVTOC
2429	97d	dbkup	DBBKBCIHSH
2430	97e	dbkup	DBBKMEM
2431	97f	dbkup	DBBKDSK
2432	980	dbkup	DBBKACTB
2433	981	dbkup	DBBKDACTB
2434	982	dbkup	DBBKODSA
2435	983	dbkup	DBBKBSMST
2436	984	dbkup	DBBKALLOC
2437	985	dbkup	DBBKODDF
2438	986	dbkup	DBBKSK2
2439	987	dbkup	DBBKNOTFULL
2440	988	dbkup	DBBKSECN

2441	989	dbkup	DBBKNOPART
2442	98a	dbkup	DBBKNO SM
2443	98b	dbkup	DBBKFRD
2444	98c	dbkup	DBBKDDNGRW
2445	98d	dbkup	DBBKDDBST
2446	98e	dbkup	DBBDMEMBRD
2447	98f	dbkup	DBRPTRCOFF
2448	990	dbkup	DBBKBLINK
2449	991	dbkup	DBBKABORT
2450	992	dbkup	DBBKPROC
2451	993	dbkup	DBAMODDSZE
2452	994	dbkup	DBBKCLRCRC
2453	995	dbkup	DBBKATMSW
2454	996	dbkup	BKAMODDGONE
2455	997	dbkup	DBBKAMGRW
2456	998	dbkup	DBG TGWST
2457	999	dbkup	DBSTGWST
2458	99a	dbkup	DBAMSCRBAD
2459	99b	dbkup	DBCMPHSHBAD
2460	99c	dbkup	DBCMPSTBAD
2461	99d	dbkup	BKFRNOMSG
2462	99e	dbkup	BKCM PFR
2463	99f	dbkup	BKCM PINH
2464	9a0	dbkup	DBRIMGEN
2465	9a1	dbkup	DBBKBADMSG
2650	a5a	drclg	DBLG BGD
2651	a5b	drclg	DBLG BPD
2652	a5c	drclg	DBLGNA
2653	a5d	drclg	DBLGHMOUT
2654	a5e	drclg	DBLGDD
2655	a5f	drclg	DBLGSCALL
2656	a60	drclg	DBLGSENDP
2657	a61	drclg	DBLGRECV
2658	a62	drclg	DBLGOPEN
2659	a63	drclg	DBLGREAD
2660	a64	drclg	DBLGWRITE
2661	a65	drclg	DBLGCREAT
2662	a66	drclg	DBLGSEEK
2663	a67	drclg	DBLG BFD
2664	a68	drclg	DBLGCLOSE
2665	a69	drclg	DBLGLSEEK
2666	a6a	drclg	DBLGSTAT
2667	a6b	drclg	DBLGQUEFULL
2668	a6c	drclg	DBLGBMD
2669	a6d	drclg	DBLGCORC
2670	a6e	drclg	DBLG B D
2671	a6f	drclg	DBLG PSEND
2672	a70	drclg	DBOPENPORT
2673	a71	drclg	DBRFPHYCNV
2674	a72	drclg	DBRFPCRCNV
2675	a73	drclg	DBRFDDPHY
2676	a74	drclg	DBLGRDGPARM
2677	a75	drclg	DBRFCMPABT
2678	a76	drclg	DBRFSCMPNM
2679	a77	drclg	DBLGBDPROC
2680	a78	drclg	DBAUDTYPE
2681	a79	drclg	DBAUDSENDP
2682	a7a	drclg	DBAUDRECV
2683	a7b	drclg	DBNAUDMSG
2684	a7c	drclg	DBLMFSCR
2685	a7d	drclg	DBLMFSSK
2686	a7e	drclg	DBLMFSRD
2687	a7f	drclg	DBLMFSWR
2688	a80	drclg	DBLMFSSC
2689	a81	drclg	DBLMFSOP
2690	a82	drclg	DBLTFLUSH
2691	a83	drclg	DBLOGTYPE
2692	a84	drclg	DBLT TAG
2693	a85	drclg	DBLT MALLOC
2694	a86	drclg	DBLT OPEN
2695	a87	drclg	DBLT READ
2696	a88	drclg	DBLTWRITE

2697	a89	drclg	DBLTCREAT
2698	a8a	drclg	DBLTCLOSE
2699	a8b	drclg	DBLTLSEEK
2700	a8c	drclg	DBLTSTAT
2701	a8d	drclg	DBLMFSLs
2702	a8e	drclg	DBLGMALLOc
2750	abe	dup	UPIDSCUD
2800	af0	doff	SIINITFAIL
2801	af1	doff	SIUNXPMSG
2802	af2	doff	SINOBCRESET
2803	af3	doff	SINOLGRESET
2804	af4	doff	SIHMOUTFAIL
2805	af5	doff	SIUNXSMSG
2850	b22	ddbgrw	DBMODRTUP
2851	b23	ddbgrw	DBMODAMEM
2852	b24	ddbgrw	DBMODTBGN
2853	b25	ddbgrw	DBMODOREL
2854	b26	ddbgrw	DBMODITUP
2855	b27	ddbgrw	DBMODFILE
2856	b28	ddbgrw	DBMODACC
2857	b29	ddbgrw	DBMODGPRM
2858	b2a	ddbgrw	DBMODOPN
2859	b2b	ddbgrw	DBMODRFST
2860	b2c	ddbgrw	DBMODDINT
2861	b2d	ddbgrw	DBMODDNXT
2862	b2e	ddbgrw	DBGRVCP
2863	b2f	ddbgrw	DBUPDDTUP
2864	b30	ddbgrw	DBUPDPORT
2865	b31	ddbgrw	DBUPDGPRM
2866	b32	ddbgrw	DBUPDDUSR
2867	b33	ddbgrw	DBUPDAUSR
2868	b34	ddbgrw	DBUPDDGRP
2869	b35	ddbgrw	DBUPDEMP
2870	b36	ddbgrw	DBUPDTEND
2871	b37	ddbgrw	DBUPDUCOM
2872	b38	ddbgrw	DBGRSTAT
2873	b39	ddbgrw	DBGRVTOC
2874	b3a	ddbgrw	DBGRUPDPHYS
2875	b3b	ddbgrw	DBGRRDDISK
2876	b3c	ddbgrw	DBGRRDDPHYS
2878	b3e	ddbgrw	DBGTGRWST
2879	b3f	ddbgrw	DBGRALLOC
2880	b40	ddbgrw	DBGRUNLINK
2881	b41	ddbgrw	DBGRLINK
2882	b42	ddbgrw	DBGRDREAT
2883	b43	ddbgrw	DBDDRDBAD
2884	b44	ddbgrw	DBGRSEEK
2885	b45	ddbgrw	DBGRBSMST
2886	b46	ddbgrw	DBGRREAD
2887	b47	ddbgrw	DBGROPEN
2888	b48	ddbgrw	DBGRIKEY
2889	b49	ddbgrw	DBGRIRET
2890	b4a	ddbgrw	DBGRISEND
2891	b4b	ddbgrw	DBGRITIME
2892	b4c	ddbgrw	DBGRIMESG
2893	b4d	ddbgrw	DBGRISPR
2894	b4e	ddbgrw	DBGRIALOC
2895	b4f	ddbgrw	DBGRIDDW
2896	b50	ddbgrw	DBGRATT
2897	b51	ddbgrw	DBGRDSKCP
2898	b52	ddbgrw	DBGRDSK
2899	b53	ddbgrw	DBGRDACT
2900	b54	ddbgrw	DBMKNOD
2901	b55	ddbgrw	DBATTSG
2902	b56	ddbgrw	DBRDGET
2903	b57	ddbgrw	DBLLAGET
2904	b58	ddbgrw	DBOPENSEQ
2905	b59	ddbgrw	DBMOUNT
2906	b5a	ddbgrw	DBUGUCBN
2907	b5b	ddbgrw	DBRSVUCB
2908	b5c	ddbgrw	DBUGSDF
2909	b5d	ddbgrw	DBSETIO

2910	b5e	ddbgrw	DBPVTOC
2911	b5f	ddbgrw	DBSGMATCH
2912	b60	ddbgrw	DBMSGENAB
2913	b61	ddbgrw	DBDISKERR
2914	b62	ddbgrw	DBMHDINC
2915	b63	ddbgrw	DBFRCMSG
2916	b64	ddbgrw	DBNRCLOSE
2917	b65	ddbgrw	DBBSTSEND
2918	b66	ddbgrw	DBBSTMSG
2919	b67	ddbgrw	DBBSTCOFF
2920	b68	ddbgrw	DBRODDPUR
2921	b69	ddbgrw	DBBADMSG
2922	b6a	ddbgrw	DBGRSCORPT
2923	b6b	ddbgrw	DBNRUPDATE
2924	b6c	ddbgrw	DBGRGNHSH
2925	b6d	ddbgrw	DBSYSTEM
2926	b6e	ddbgrw	DBNRBADMSG
2927	b6f	ddbgrw	DBNAMTMOUT
2928	b70	ddbgrw	DBNRNGMSG
2929	b71	ddbgrw	DBDFIFAIL
2930	b72	ddbgrw	DBNR1RECOV
2931	b73	ddbgrw	DBNR2RECOV
2932	b74	ddbgrw	DBNR3RECOV
2933	b75	ddbgrw	DBNR4RECOV
2934	b76	ddbgrw	DBUODDSZ
2935	b77	ddbgrw	DBNRODSZ
2936	b78	ddbgrw	DBDISKSP
2937	b79	ddbgrw	DBRMFILS
2938	b7a	ddbgrw	DBRANGE
2939	b7b	ddbgrw	DBPARTS
2940	b7c	ddbgrw	DBUPDCKT

4. 5E13 Numeric Index: 2941-20130

ERROR CODE	PRM CODE	RANGE	MNEMONIC
2941	b7d	ddbgrw	DBUPDPRM
2942	b7e	ddbgrw	DBNRODDPUR
2943	b7f	ddbgrw	DBNRODSHK
2944	b80	ddbgrw	DBCOFFHDR
2945	b81	ddbgrw	DBOPTHDR
2946	b82	ddbgrw	DBSECHDR
2947	b83	ddbgrw	DBNRDSEC
2948	b84	ddbgrw	DBSKELFIL
2949	b85	ddbgrw	DBGRRDUN
2950	b86	ddbgrw	DBGRSTBD
2951	b87	ddbgrw	DBSTGRWST
2952	b88	ddbgrw	DBUGAMTMOUT
2953	b89	ddbgrw	DBDDSTBAD
2954	b8a	ddbgrw	DBUGMGBAD
2955	b8b	ddbgrw	DBBDMMTP
2956	b8c	ddbgrw	DBPRCALV
2957	b8d	ddbgrw	DBRCUMG
2958	b8e	ddbgrw	DBGRBDVERB
2959	b8f	ddbgrw	DBNOOKPCOM
2960	b90	ddbgrw	DBNOSTODDG
2961	b91	ddbgrw	DBBDHMOT
2962	b92	ddbgrw	DBPORTERR
2963	b93	ddbgrw	DBBSTTMOUT
2964	b94	ddbgrw	DBOFFS_NA
2965	b95	ddbgrw	DBOFFSFAIL
2966	b96	ddbgrw	DBINCTUPNUM
2967	b97	ddbgrw	DBXTSINTUP
2968	b98	ddbgrw	DBNOSTUGDD
2969	b99	ddbgrw	DBPOPDNTRAN
2970	b9a	ddbgrw	DBDNXTSINTUP
2971	b9b	ddbgrw	DBDNINCTUPNUM
2972	b9c	ddbgrw	DBMODXRDFST
2973	b9d	ddbgrw	DBMODNXT
2974	b9e	ddbgrw	DBPXSRDTUP
2975	b9f	ddbgrw	DBPNXTSINTUP
2976	ba0	ddbgrw	DBPOPDNTRAN

2977	ba1	ddbgrw	DBPRDNTAN
2978	ba2	ddbgrw	DBPRXSRDTUP
2979	ba3	ddbgrw	DBPRNXTSINTUP
2980	ba4	ddbgrw	DBLVL3DWN
2981	ba5	ddbgrw	DBRGOPENF
2982	ba6	ddbgrw	DBRGREADF
2983	ba7	ddbgrw	DBSACPRDN
2984	ba8	ddbgrw	DBRGSEEKF
2985	ba9	ddbgrw	DBRGCLOSF
2986	baa	ddbgrw	DBBADATYPE
2987	bab	ddbgrw	DBNOOPSMS
2988	bac	ddbgrw	DBZAPFAIL
2989	bad	ddbgrw	DBGRSCRSZ
2990	bae	ddbgrw	DBUPDUNIT
2991	baf	ddbgrw	DBMODDDEL
2992	bb0	ddbgrw	DBUPDL_USE
2993	bb1	ddbgrw	DBXSRDSYS
2994	bb2	ddbgrw	DBXSRDFSYS
2995	bb3	ddbgrw	DBXSRDNSYS
2996	bb4	ddbgrw	DBXSINSYS
2997	bb5	ddbgrw	DBRSMOREL
2998	bb6	ddbgrw	DBGRWCONF
2999	bb7	ddbgrw	DBBADUTYPE
3000	bb8	ddbgrw	DBMEMORY_LOW
3001	bb9	ddbgrw	DBL_USERFST
3002	bba	ddbgrw	DBL_USEINT
3003	bbb	ddbgrw	DBL_USENXT
3004	bbc	ddbgrw	DBEQLOCFAIL
3005	bbd	ddbgrw	DBPICBRFST
3006	bbe	ddbgrw	DBPICBINT
3007	bbf	ddbgrw	DBPICBNXT
3008	bc0	ddbgrw	DBC GARFST
3009	bc1	ddbgrw	DBC GAIN
3010	bc2	ddbgrw	DBC GANXT
3011	bc3	ddbgrw	DBGETCLI
3012	bc4	ddbgrw	DBGRNOSCR
3013	bc5	ddbgrw	DBGR1SCR
3014	bc6	ddbgrw	DBGR2SCR
3015	bc7	ddbgrw	DBGRTMPSCR
3016	bc8	ddbgrw	DBGRXSCR
3017	bc9	ddbgrw	DBGRCPODD
3275	ccb	dct	CTMSGQFAIL
3276	ccc	dct	CTINCMFAIL
3277	ccd	dct	CTBADMSTYPE
3278	cce	dct	CTNOTIMER
3279	ccf	dct	CTDDWERR
3280	cd0	dct	CTDDRERR
3281	cd1	dct	CTDNOBUF
3282	cd2	dct	CTINVEVNT
3283	cd3	dct	CTPORTFAIL
3284	cd4	dct	CTWRITEFAIL
3285	cd5	dct	CTREADFAIL
3286	cd6	dct	CTOPENFAIL
3287	cd7	dct	CTIOCTLFAIL
3288	cd8	dct	CTINVCNMSG
3289	cd9	dct	CTUKSPEED
3290	cda	dct	CTCNOBUF
3291	cdb	dct	CTINVFLT
3292	cdc	dct	CTBADRNA
3293	cdd	dct	CTDBADMSG
3294	cde	dct	CTDDDFAIL
3295	cdf	dct	CTUKCOND
3296	ce0	dct	CTBADIPMTYP
3297	ce1	dct	CTOUTOFORD
3298	ce2	dct	CTUKTASK
3299	ce3	dct	CTGETBFAIL
3300	ce4	dct	CTHDRFAIL
3301	ce5	dct	CTBADDLNMTYP
3302	ce6	dct	CTGLDLNEQ
3303	ce7	dct	CTINVREL
3304	ce8	dct	CTDBRDFAIL
3305	ce9	dct	CTINVDST

3306	cea	dct	CTGRWQINV
3307	ceb	dct	CTGRWQTO
3308	cec	dct	CTINVDLN
3309	ced	dct	CTINVSGN
3310	cee	dct	CTINVDMP
3311	cef	dct	CTGLDATA
3312	cf0	dct	CTINVQST
3313	cf1	dct	CTINVDEVT
3314	cf2	dct	CTDEVTACK
3315	cf3	dct	CTDPUMPTO
3316	cf4	dct	CTCMOPFL
3317	cf5	dct	CTNDLNACK
3318	cf6	dct	CTRCONFTO
3319	cf7	dct	CTNOTCM2
3320	cf8	dct	CTHBLMPROB
3321	cf9	dct	CTHBNACT
3322	cfa	dct	CTHBTOFAIL
3323	cfb	dct	CTNOACTDLN
3324	cfC	dct	CTRNAINC
3325	cfD	dct	CTRSTRFAIL
3326	cfe	dct	CTHBNMSCU
3327	cff	dct	CTBADPAGE
3328	d00	dct	CTINVLKMJ
3329	d01	dct	CTINVSIGST
3330	d02	dct	CTDTWATFAIL
3331	d03	dct	CTDMERTFAIL
3332	d04	dct	CTINVCCTYPE
3333	d05	dct	CTINVMMSGTYPE
3334	d06	dct	CTINVRANGERET
3335	d07	dct	CTDDDLNFAIL
3336	d08	dct	CTINVDDBIT
3337	d09	dct	CTINVDSIGST
3338	d0a	dct	CTINVTISIGST
3339	d0b	dct	CTINVTAPST
3575	df7	dxtera	XTMTERASEG
3576	df8	dxtera	XTMTERALOG
3577	df9	dxtera	XTMTERAPDK
3578	dfa	dxtera	XTMTERARDK
3579	dfb	dxtera	XTMTERAWDK
3580	dfc	dxtera	XTMTERAUX
3750	ea6	dcmap	BXSABTFL
3751	ea7	dcmap	BXSACPTFL
3752	ea8	dcmap	BXSACKFL
3753	ea9	dcmap	BXSATTFL
3754	eaA	dcmap	BXSCONF
3755	eaB	dcmap	BXSDETFL
3756	eaC	dcmap	BXSDisFL
3757	eaD	dcmap	BXSCLoFL
3758	eaE	dcmap	BXSOPNFL
3759	eaF	dcmap	BXSQUEFL
3760	eb0	dcmap	BXSRCVFL
3761	eb1	dcmap	BXSREFFL
3762	eb2	dcmap	BXSNDLFL
3763	eb3	dcmap	BXSXSDLFL
3764	eb4	dcmap	CMApBFFL
3765	eb5	dcmap	CMApLSTB
3766	eb6	dcmap	CMApUNEQIP
3767	eb7	dcmap	CMApECDBAD
3768	eb8	dcmap	CMApECDLFL
3769	eb9	dcmap	CMApINTB
3770	eba	dcmap	CMApEXTFL
3771	ebb	dcmap	CMApDDFL
3772	ebc	dcmap	CMApBADCASE
3773	ebd	dcmap	CMApDXTBL
3774	ebe	dcmap	CMApSXTBL
3775	ebf	dcmap	CMApBXFL
3776	ec0	dcmap	CMApDMSGFL
3777	ec1	dcmap	CMApHMFL
3778	ec2	dcmap	CMApLLISTB
3779	ec3	dcmap	CMApRTSFL
3780	ec4	dcmap	CMApDBBAD
3781	ec5	dcmap	CMApDBFL

3782	ec6	dcmap	CMAFBPARAM
3783	ec7	dcmap	CMAFESCLFL
3784	ec8	dcmap	CMAFCNFGFL
3785	ec9	dcmap	CMAFABTFL
3786	eca	dcmap	CMAFKFLT
3787	ecb	dcmap	CMAFEVFL
3788	ecc	dcmap	CMAFAROOR
3789	ecd	dcmap	CMAFBLINK
3790	ece	dcmap	CMAFTTYFL
3791	ecf	dcmap	CMAFNOOPT
3792	ed0	dcmap	CMAFSENF
3793	ed1	dcmap	CMAFBFEAT
3794	ed2	dcmap	CMAFBINDX
3795	ed3	dcmap	CMAFBMCCI
3850	f0a	das	EDLCPOPEN
3895	f37	dama	AMVMFENMSG
3896	f38	dama	AMVMFCMKP
3897	f39	dama	AMVMUNKMGTP
3898	f3a	dama	AMVMFSCMKP
3899	f3b	dama	AMVMFRCMKP
3900	f3c	dama	AMVMFCNPRT
15000	3a98	pcmf	CMFLDPTR
15001	3a99	pcmf	CMFUNITS
15002	3a9a	pcmf	CMFTMS1OPC
15003	3a9b	pcmf	CMFTMS1CNT
15004	3a9c	pcmf	CMFTMS2OPC
15005	3a9d	pcmf	CMFTMS2CNT
15006	3a9e	pcmf	CMFSSOPC
15007	3a9f	pcmf	CMFBADMSG
15008	3aa0	pcmf	CMFINVRET
15009	3aa1	pcmf	CMFFPCCNT
15010	3aa2	pcmf	CMFNONCRIT
15011	3aa3	pcmf	CMFINVDATA
15012	3aa4	pcmf	CMFLOAD
15013	3aa5	pcmf	CMFUNLOAD
15014	3aa6	pcmf	CMFTPBTM
15050	3aca	pcmm	CMAULINK
15051	3acb	pcmm	CMAUPHSE
15052	3acc	pcmm	CMAUSTAT
15053	3acd	pcmm	CMAUFREE
15054	3ace	pcmm	CMAUBUFT
15055	3acf	pcmm	CMAUPT
15056	3ad0	pcmm	CMAUSPT
15057	3ad1	pcmm	CMAUTIMT
15058	3ad2	pcmm	CMAUNXST
15059	3ad3	pcmm	CMAUDCLF
15060	3ad4	pcmm	CMAUOPPT
15061	3ad5	pcmm	CMAUIQPT
15062	3ad6	pcmm	CMAUINFR
15063	3ad7	pcmm	CMAUORCV
15064	3ad8	pcmm	CMAULQFL
15065	3ad9	pcmm	CMAUXMTS
15066	3ada	pcmm	CMAURMTS
15067	3adb	pcmm	CMAUBQFL
15068	3adc	pcmm	CMAUNOAD
15069	3add	pcmm	CMAUCLFR
15070	3ade	pcmm	CMAURLLD
15071	3adf	pcmm	CMAUTLLD
15072	3ae0	pcmm	CMAURLVR
15073	3ae1	pcmm	CMAUTLPT
15074	3ae2	pcmm	CMAURLPT
15075	3ae3	pcmm	CMAUMSPT
15076	3ae4	pcmm	CMAUTLBC
15077	3ae5	pcmm	CMAUACKS
15078	3ae6	pcmm	CMAURAMMUT
20000	4e20	as	SES_0_ASRT
20001	4e21	as	SES_1_ASRT
20002	4e22	as	SES_2_ASRT
20003	4e23	as	SES_3_ASRT
20004	4e24	as	SES_4_ASRT
20005	4e25	as	SES_5_ASRT
20006	4e26	as	SES_6_ASRT

20007	4e27	as	SES_7_ASRT
20008	4e28	as	MS_0_ASRT
20009	4e29	as	MS_1_ASRT
20010	4e2a	as	MS_2_ASRT
20011	4e2b	as	MS_3_ASRT
20012	4e2c	as	MS_4_ASRT
20013	4e2d	as	MS_5_ASRT
20014	4e2e	as	MS_6_ASRT
20015	4e2f	as	MS_7_ASRT
20016	4e30	as	MS_8_ASRT
20017	4e31	as	MS_9_ASRT
20018	4e32	as	MS_10_ASRT
20019	4e33	as	ASMSPRERR
20020	4e34	as	ASMSHMDEVC
20021	4e35	as	ASMSALWMSG
20022	4e36	as	ASMSINHMSG
20023	4e37	as	ASMSHMVERB
20024	4e38	as	ASMSCLCSEC
20025	4e39	as	ASMSCLCRPT
20026	4e3a	as	ASMSHMQERR
20027	4e3b	as	ASMSHMOUT
20028	4e3c	as	ASMSBCBID
20029	4e3d	as	ASMSBCMSG
20030	4e3e	as	ASMSBCRPT
20031	4e3f	as	ASMSCPCRPT
20032	4e40	as	ASMSALWSEC
20033	4e41	as	ASMSINHSEC
20034	4e42	as	AS_BAD_DB
20035	4e43	as	AS_OS_BAD
20036	4e44	as	AS_BADOAPDA
20037	4e45	as	ASBAD_PN
20038	4e46	as	AS_BADMSGTYPE
20039	4e47	as	ASINIT_REQ
20040	4e48	as	ASINV_PCB
20041	4e49	as	ASINV_PROGID
20042	4e4a	as	ASINV_SCB
20043	4e4b	as	ASNOPIID
20044	4e4c	as	ASOSPSDIST
20045	4e4d	as	ASSND_OPR
20046	4e4e	as	ASOSCLIMIT
20047	4e4f	as	ASFATALBUF
20048	4e50	as	ASTMOAP
20049	4e51	as	ASPSMLIMIT
20050	4e52	as	ASMSIBRC
20051	4e53	as	ASNOPATH
20052	4e54	as	ASBADPSM
20053	4e55	as	ASBDINDX
20054	4e56	as	ASBDMSG
20055	4e57	as	ASBDDIG
20056	4e58	as	DBBADMHG
20057	4e59	as	DBBADIST
20058	4e5a	as	GPTYPBAD
20059	4e5b	as	DBBADICX
20060	4e5c	as	DBBADGRP
20061	4e5d	as	DBBADTRM
20062	4e5e	as	DBBADQICI
20063	4e5f	as	DBBADBLF
20065	4e61	as	PRTIMBAD
20066	4e62	as	AS_REASON_BAD
20067	4e63	as	HSS_TIMEOUT
20068	4e64	as	HSSLIST_ERR
20070	4e66	as	AS_RFSH_BAD
20071	4e67	as	APID_STATIC
20072	4e68	as	AS_CMAPSEND_BAD
20073	4e69	as	ASFBTEDB
20074	4e6a	as	AS_HSSPID_BAD
20076	4e6c	as	MS1SILENTSM
20077	4e6d	as	MS2SILENTSM
20078	4e6e	as	ASBADTRKG
20085	4e75	as	MS_11_ASRT
20086	4e76	as	AS_EISDSL_BAD
20088	4e78	as	HSS_OVERLAP

20089	4e79	as	APID_DYNAMIC
20090	4e7a	as	APID_INVALID
20091	4e7b	as	AS_IFLOW_BAD
20092	4e7c	as	AS_AUTREC_BAD
20093	4e7d	as	AS_ISTPARM_BAD
20094	4e7e	as	AS_INTERFLW_BAD
20095	4e7f	as	AS_DSTID_BAD
20096	4e80	as	ASUPDAUT
20097	4e81	as	AS_RANGE_BAD
20098	4e82	as	AS_DCHAN_BAD
20099	4e83	as	MS_99_ASRT
20100	4e84	as	MS_100_ASRT
20101	4e85	as	ASBADOSINT
20102	4e86	as	AS_NOINCID
20103	4e87	as	ASGROUPPORT
20105	4e89	as	ASACDNOIN
20106	4e8a	as	ASBAD_ISTPARM
20107	4e8b	as	ASBAD_DSTID
20108	4e8c	as	ASUPDPARM
20109	4e8d	as	ASFALL_ISTPARM
20110	4e8e	as	COTNO2MSG
20111	4e8f	as	COTNO1MSG
20112	4e90	as	COTNOPORT
20113	4e91	as	COTNOOSDS
20114	4e92	as	COTNODDRD
20115	4e93	as	COTNODDWT
20116	4e94	as	COTSANFAIL
20117	4e95	as	COTNOPAS
20118	4e96	as	COTWRGMSG
20119	4e97	as	ASUPDSTID
20120	4e98	as	ASUPDIFLOW
20121	4e99	as	ASBGN_TRAN
20122	4e9a	as	ASOPN_REL
20123	4e9b	as	ASEND_TRAN
20124	4e9c	as	ASTM_ZONE
20125	4e9d	as	ASOSPSID
20126	4e9e	as	ASDRAINTM
20127	4e9f	as	ASRD_IFOSPS
20128	4ea0	as	ASRD_RROSPS
20129	4ea1	as	ASUPD_IFOSPS
20130	4ea2	as	ASUPD_RROSPS

5. 5E13 Numeric Index: 20131-20970

ERROR CODE	PRM CODE	RANGE	MNEMONIC
20135	4ea7	as	GRPNUM_STATIC
20136	4ea8	as	GRPNUM_DYNAMIC
20137	4ea9	as	GRPTYP_STATIC
20138	4eaa	as	ASBEDLIO
20152	4eb8	as	MSMAXEDSLEXCED
20153	4eb9	as	ASBADGACSND
20154	4eba	as	MS_77_ASRT
20175	4ecf	as	MSBAD_LNNODE
20176	4ed0	as	MS_SG_ASRT
20177	4ed1	as	MS_13_6_UPD
20179	4ed3	as	DBBDLNST
20182	4ed6	as	AS_OAP_SEC
20194	4ee2	as	ASERICCVDB
20195	4ee3	as	ASNODPRT
20198	4ee6	as	ASNO_UID
20201	4ee9	as	ASCCLCTERR
20205	4eed	as	ASDDRDERR
20213	4ef5	as	MSCPEGOVFL
20214	4ef6	as	ASERMEASDES
20215	4ef7	as	MSCHSHOVFL
20222	4efe	as	MSCSMTDCUMG
20239	4f0f	as	MSCROPOVFL
20240	4f10	as	MSCPHPEGOVFL
20300	4f4c	au	AUER00
20301	4f4d	au	AUER01
20302	4f4e	au	AUER02

20303	4f4f	au	AUER03
20304	4f50	au	AUER04
20305	4f51	au	AUER05
20306	4f52	au	AUERSEM
20307	4f53	au	AUERRPCR
20308	4f54	au	AURMTYPE
20309	4f55	au	AUERAUD
20310	4f56	au	AUERDBUP
20311	4f57	au	AUERTIME
20312	4f58	au	AUEROLDT
20313	4f59	au	AUERCKTYP
20314	4f5a	au	AURASNIT
20315	4f5b	au	AURASRET
20316	4f5c	au	AUFCHESC
20317	4f5d	au	AUFCHBM
20318	4f5e	au	AUFCHNIT
20319	4f5f	au	AUFCHNFC
20320	4f60	au	AUFCHNRT
20321	4f61	au	AUERGREL
20322	4f62	au	AUWPERR
20323	4f63	au	AUERINTRNL
20324	4f64	au	AUERERC
20325	4f65	au	AUQ_TEST
20326	4f66	au	AUACCTYPE
20327	4f67	au	AUAUDMAN
20328	4f68	au	AUAUDMOD
20329	4f69	au	AUERINSEM
20330	4f6a	au	AUACINIT
20331	4f6b	au	AUACID
20332	4f6c	au	AUACCOND
20333	4f6d	au	AUACSEG
20334	4f6e	au	AUERSPP
20336	4f70	au	AUAUDPID
20337	4f71	au	AUERTRAN
20338	4f72	au	AUERALARMA
20339	4f73	au	AUBADTBL
20340	4f74	au	AUBDSITYP
20341	4f75	au	AUBDASEC
20342	4f76	au	AUBDDDINIT
20343	4f77	au	AUBDINSTCHK
20344	4f78	au	AUAMAPREAD
20345	4f79	au	AUCQDBSCHED
20346	4f7a	au	AUERSTOP
20347	4f7b	au	AUREFLECT
20348	4f7c	au	AUAUDCUR
20349	4f7d	au	AU_PARTITION
20350	4f7e	au	AU_CONTROL
20351	4f7f	au	AU_SENDEM
20352	4f80	au	AU_WGETTYPE
20353	4f81	au	AU_IPCNTL
20354	4f82	au	AU_CONDITION
20355	4f83	au	AU10DBFRDTUP
20356	4f84	au	AU20DBFRDTUP
20357	4f85	au	AU30DBFRDTUP
20358	4f86	au	AU40DBFRDTUP
20359	4f87	au	AU50DBFRDTUP
20360	4f88	au	AU10SMDWRITE
20361	4f89	au	AU20SMDWRITE
20362	4f8a	au	AU30SMDWRITE
20363	4f8b	au	AU40SMDWRITE
20364	4f8c	au	AU50SMDWRITE
20365	4f8d	au	AU60SMDWRITE
20366	4f8e	au	AU70SMDWRITE
20367	4f8f	au	AU80SMDWRITE
20368	4f90	au	AU90SMDWRITE
20369	4f91	au	AU95SMDWRITE
20370	4f92	au	AU105SMDWRITE
20371	4f93	au	AU115SMDWRITE
20372	4f94	au	AU130SMDWRITE
20373	4f95	au	AU140SMDWRITE
20374	4f96	au	AU150SMDWRITE
20375	4f97	au	AU160SMDWRITE

20376	4f98	au	AU170SMDWRITE
20377	4f99	au	AU180SMDWRITE
20378	4f9a	au	AU190SMDWRITE
20379	4f9b	au	AU200SMDWRITE
20380	4f9c	au	AU10SMDDREAD
20381	4f9d	au	AU20SMDDREAD
20382	4f9e	au	AU30SMDDREAD
20383	4f9f	au	AU40SMDDREAD
20384	4fa0	au	AU50SMDDREAD
20385	4fa1	au	AU60SMDDREAD
20386	4fa2	au	AU70SMDDREAD
20387	4fa3	au	AU80SMDDREAD
20388	4fa4	au	AU90SMDDREAD
20389	4fa5	au	AU100SMDDREAD
20390	4fa6	au	AU110SMDDREAD
20391	4fa7	au	AU120SMDDREAD
20392	4fa8	au	AUMODATT
20393	4fa9	au	AUTMSG
20394	4faa	au	AUCDBCCB
20395	4fab	au	AUUTGCKTDATA
20396	4fac	au	AUUTDCKTDATA
20397	4fad	au	AU_PCDUNIT
20398	4fae	au	AUSWITCH
20399	4faf	au	AUWHILE
20400	4fb0	au	AUREASERR
20401	4fb1	au	AURSTERR
20402	4fb2	au	AUUNPROCESS
20403	4fb3	au	AUSTQDBSCHED
20404	4fb4	au	AU250SMDDREAD
20405	4fb5	au	AU260SMDDREAD
20406	4fb6	au	AU270SMDDREAD
20407	4fb7	au	AU280SMDDREAD
20408	4fb8	au	AU290SMDDREAD
20409	4fb9	au	AU300SMDDREAD
20410	4fba	au	AU310SMDDREAD
20411	4fbb	au	AU320SMDDREAD
20412	4fbc	au	AUDALNST
20413	4fbd	au	AUDALGLN
20414	4fbe	au	AUDATKST
20415	4fbf	au	AUDALGTK
20416	4fc0	au	AUDATQUE
20417	4fc1	au	AUDATOWN
20418	4fc2	au	AUDAGTGC
20419	4fc3	au	AUDATGC
20420	4fc4	au	KAPROGERR
20421	4fc5	au	AULSTSTRT
20422	4fc6	au	AUBDMS
20423	4fc7	au	AUMSLG
20424	4fc8	au	AUEAPLOST
20425	4fc9	au	AUINHSTATE
20426	4fca	au	AUERLCGT
20427	4fcb	au	AUERBDTI
20428	4fcc	au	AU10DDREAD
20429	4fcd	au	AU20DDREAD
20430	4fce	au	AUBADPCR
20431	4fcf	au	AU40DDREAD
20432	4fd0	au	AU50DDREAD
20433	4fd1	au	AU60DDREAD
20434	4fd2	au	AU10DDWRITE
20435	4fd3	au	AU20DDWRITE
20436	4fd4	au	AU30DDWRITE
20437	4fd5	au	AU40DDWRITE
20438	4fd6	au	AU50DDWRITE
20439	4fd7	au	AU60DDWRITE
20440	4fd8	au	AU10AUCLWTALL
20441	4fd9	au	AU20AUCLWTALL
20442	4fda	au	AU30AUCLWTALL
20443	4fdb	au	AU40AUCLWTALL
20444	4fdc	au	AUERDICT
20445	4fdd	au	AUNOFUNC
20446	4fde	au	AUN_ELEM
20447	4fdf	au	AU_DRTRAV

20448	4fe0	au	AUDDINH
20449	4fe1	au	AUDDALW
20450	4fe2	au	AUMMAUDRC
20451	4fe3	au	AUMRKLOGRC
20452	4fe4	au	AUCOLLECTRC
20453	4fe5	au	AU1MRKPAGRC
20454	4fe6	au	AU2MRKPAGRC
20455	4fe7	au	KAOORTIMER
20456	4fe8	au	KANOKAFCN
20457	4fe9	au	AUNEWMAP
20458	4fea	au	KAPCBLAKEY
20459	4feb	au	KABADMSG
20460	4fec	au	KASPTMR_TAG
20461	4fed	au	KASP_REASON
20462	4fee	au	KASPMS_FAIL
20463	4fef	au	KART_SFG
20464	4ff0	au	KALGRT_SFG
20465	4ff1	au	KATIMERTAG
20466	4ff2	au	KAR_LGM1
20467	4ff3	au	KAR_LGM2
20468	4ff4	au	KART_MEM
20469	4ff5	au	AU3MRKPAGRC
20470	4ff6	au	AU4MRKPAGRC
20471	4ff7	au	KALGMEM1
20472	4ff8	au	AU10SMECDRD
20473	4ff9	au	AU20SMECDRD
20474	4ffa	au	AU30SMECDRD
20475	4ffb	au	AU40SMECDRD
20476	4ffc	au	AU50SMECDRD
20477	4ffd	au	AU60SMECDRD
20478	4ffe	au	KAMEM
20479	4fff	au	KAGP_PT1
20480	5000	au	AUERSMISOL
20481	5001	au	AUERISOL
20482	5002	au	AU10DDRSMWWRITE
20483	5003	au	AU20DDRSMWWRITE
20484	5004	au	AU30DDRSMWWRITE
20485	5005	au	AU10DDCASE
20486	5006	au	AUDBERR
20487	5007	au	KAGP_PT2
20488	5008	au	AUSFGAMST
20489	5009	au	AUSFGSMST
20490	500a	au	AUTMERR
20491	500b	au	KAGP_PT3
20492	500c	au	AUERSMSEP
20493	500d	au	AUERSMINIT
20494	500e	au	AUERSEP
20495	500f	au	AUESINIT
20496	5010	au	AUDD_CLIDAT
20497	5011	au	AU40DDRSMWWRITE
20498	5012	au	AU50DDRSMWWRITE
20499	5013	au	AU60DDRSMWWRITE
20500	5014	au	AUZAPICC
20501	5015	au	KALGMEM2
20502	5016	au	KAERRDB
20503	5017	au	KAINVREL
20504	5018	au	KADBFRTUP
20505	5019	au	KAERRDA
20506	501a	au	KA_INTERNAL
20507	501b	au	KALTMSTAT
20508	501c	au	KAPORTLA
20509	501d	au	KADPB
20510	501e	au	KATEDB
20511	501f	au	KAISATUCD
20512	5020	au	KAPORTGRP
20513	5021	au	AUREQDPB
20514	5022	au	AUREQDALB
20515	5023	au	AUMSGINVALID
20516	5024	au	AUMEMKEY
20517	5025	au	AULGMEMKEY
20518	5026	au	KASRTMHG
20519	5027	au	KALRTMHG

20520	5028	au	KART_LGM
20521	5029	au	KALGP_PSGP
20522	502a	au	KASRT_MEM
20523	502b	au	KASGP_PSGP
20524	502c	au	KAMRTMHG
20525	502d	au	KAMRT_LGM
20526	502e	au	KAMGRP_PRT
20527	502f	au	KA_LGLNSTAT
20528	5030	au	KA_LNSTAT
20529	5031	au	KASPSGRPPORT
20530	5032	au	KASGRPPORT
20531	5033	au	KAHTYPE
20532	5034	au	KALPSGRPPORT
20533	5035	au	KALGRPPORT
20534	5036	au	KA_MUPHST
20535	5037	au	KALNSTXTRA
20536	5038	au	KALLNSTXTRA
20537	5039	au	KAXTRAMUPHST
20538	503a	au	KAKTKQUE
20539	503b	au	KAKLGTKST
20540	503c	au	KAKTKSTAT
20541	503d	au	KAGRP_PRT
20542	503e	au	KAPSGRP_PRT
20543	503f	au	KAPRT_GRP
20544	5040	au	KAPSPRT_GRP
20545	5041	au	AUDDREAD
20546	5042	au	AU_INDFWRK
20547	5043	au	AUSMRTEC
20548	5044	au	KARDTADATA
20549	5045	au	KAODPSOP
20550	5046	au	KAEQUIPDSL
20551	5047	au	AUBNKS96
20552	5048	au	KAPORTTYPE
20553	5049	au	AUBDGLOBAL
20554	504a	au	AUBADPROCNO
20555	504b	au	KACLDB
20556	504c	au	KAMDB
20557	504d	au	KAPKLOT
20558	504e	au	AUBADPARAM
20559	504f	au	AUDDWRITE
20560	5050	au	KACRECORD
20561	5051	au	KA_SFGCOR
20562	5052	au	KABADTASK
20563	5053	au	KA_SFSTAT
20564	5054	au	KA_LGSFSTAT
20565	5055	au	AUNOCDACT
20566	5056	au	AUNOCCACT
20567	5057	au	AUNOSFIACT
20572	505c	au	AU7ODDREAD
20573	505d	au	KAPCBLA
20574	505e	au	KADALB
20575	505f	au	AUBADDEFAULT
20900	51a4	cm	CMAULINK
20901	51a5	cm	CMAUINFR
20902	51a6	cm	CMAUPHSE
20903	51a7	cm	CMAUSTAT
20904	51a8	cm	CMAUFREE
20905	51a9	cm	CMAURMTS
20906	51aa	cm	CMAUPUPT
20907	51ab	cm	CMAUSUPT
20908	51ac	cm	CMAUTIMT
20909	51ad	cm	CMAUORCV
20910	51ae	cm	CMAUSMGD
20911	51af	cm	CMAUMSGT
20912	51b0	cm	CMAURETC
20913	51b1	cm	CMAUDPID
20914	51b2	cm	CMAUERRT
20915	51b3	cm	CMAUPTST
20916	51b4	cm	CMAURCST
20917	51b5	cm	CMAURJOB
20918	51b6	cm	CMAUXTST
20919	51b7	cm	CMAURMMG

20920	51b8	cm	CMAUASYR
20921	51b9	cm	CMAUARQF
20922	51ba	cm	CMAUOSMG
20923	51bb	cm	CMAUXMTS
20924	51bc	cm	CMAUNXST
20925	51bd	cm	CMAUMLNG
20926	51be	cm	CMAURCVF
20927	51bf	cm	CMAUSRCF
20928	51c0	cm	CMAUSNDF
20929	51c1	cm	CMEDLCP1
20930	51c2	cm	CMEDLCP2
20931	51c3	cm	CMPGMUPF
20932	51c4	cm	CMAPODDRDF
20933	51c5	cm	CMAPOBDRDF
20934	51c6	cm	CMAPOOOPT
20935	51c7	cm	CMAPOSITE
20936	51c8	cm	CMAPOSENF
20937	51c9	cm	CMAPOFEAT
20938	51ca	cm	CMAPOBINDX
20939	51cb	cm	CMAPORLIDB
20940	51cc	cm	CMAPOOLDTB
20941	51cd	cm	CMAPONEWTB
20942	51ce	cm	CMAPOBADOP
20943	51cf	cm	CMTOPID
20944	51d0	cm	CMSEGBYTE
20945	51d1	cm	CMINPTR
20946	51d2	cm	CMOPCODE
20947	51d3	cm	CMOUTPTR
20948	51d4	cm	CMBPOFULL
20949	51d5	cm	CMOSDELIVER
20950	51d6	cm	CMDFREEMSG
20951	51d7	cm	CMPORTID
20952	51d8	cm	CMCMKPTABLE
20953	51d9	cm	CMQUEUEMSG
20954	51da	cm	CMAUOQFULL
20955	51db	cm	CMBADPKTPTR
20956	51dc	cm	CMBADPLINK
20957	51dd	cm	CMBADPSIZE
20958	51de	cm	CMBADPTYPE
20959	51df	cm	CMBADP_PREV
20960	51e0	cm	CMBADSEQORDER
20961	51e1	cm	CMBADTOPPTR
20962	51e2	cm	CMNOPKTBUF
20963	51e3	cm	CMPKTINTERR
20964	51e4	cm	CMSAMEMSG
20965	51e5	cm	CMBADPINDEX
20966	51e6	cm	CMBADPRIOR
20967	51e7	cm	CMINVMSGTYPE
20968	51e8	cm	CMBADUSETYPE
20969	51e9	cm	CMAUPKTLNG
20970	51ea	cm	CMAPODDERR

6. 5E13 Numeric Index: 20971-21370

ERROR CODE	PRM CODE	RANGE	MNEMONIC
20971	51eb	cm	CMMSGLONG
20972	51ec	cm	CMBUFERR
20973	51ed	cm	CMHIQEMPTY
20974	51ee	cm	CMERRRCVBUF
20975	51ef	cm	CMAUSWQERR
20976	51f0	cm	CMAUSWMFERR
20977	51f1	cm	CMAUBDLINK
20978	51f2	cm	CMAUINVSTATE
20979	51f3	cm	CMAULOSTPKT
20980	51f4	cm	CMAUPKTBLAST
20981	51f5	cm	CMPCRID0
20982	51f6	cm	CMAPE911AP
20983	51f7	cm	CMDLNCOMP
20984	51f8	cm	CMAUBADIDLE
20985	51f9	cm	CMAUFDINV
20986	51fa	cm	CMAUFDLINK

20987	51fb	cm	CMAUTDINV
20988	51fc	cm	CMAUTDLINK
20989	51fd	cm	CMAUSPERR
20990	51fe	cm	CMAUQERR
20991	51ff	cm	CMAUSPTO
20992	5200	cm	CMAUNOFDS
20993	5201	cm	CMAUNOTDS
20994	5202	cm	CMAUTDEOL
20995	5203	cm	CMAUMHERR
20996	5204	cm	CMAUXMTERR
20997	5205	cm	CMAURCVERR
20998	5206	cm	CMAUILL2X4
20999	5207	cm	CMAUTDERR
21000	5208	cm	CMAUTDFREE
21001	5209	cm	CMAUINVPARAM
21002	520a	cm	CMAPECSITE
21003	520b	cm	CMAUMHSWERR
21004	520c	cm	CMAUMHIDERR
21005	520d	cm	CMAUQLINIT
21006	520e	cm	CMCORLLCB
21007	520f	cm	QLINVNETWORK
21008	5210	cm	QLTSKNUMINV
21009	5211	cm	QLINVENDPOINT
21010	5212	cm	CMAURETINV
21011	5213	cm	QLINCLMDB
21012	5214	cm	QLTSKPRIINV
21013	5215	cm	QLINVTIMER
21014	5216	cm	CMINVLIST
21015	5217	cm	QLINVLMDB
21016	5218	cm	QLLLCBXINV
21017	5219	cm	QLINVLLCB
21018	521a	cm	CMSIPBUFERR
21019	521b	cm	CMSIPRESET
21020	521c	cm	CMSIPTYPE
21021	521d	cm	CMSIPSTAT
21022	521e	cm	CMSIPCALLER
21023	521f	cm	MTTBADOWNER
21024	5220	cm	MTPARMBAD
21025	5221	cm	MTTBADTIME
21026	5222	cm	MTNORESCE
21027	5223	cm	QLINCLLCB
21028	5224	cm	CMCCBDDATA
21029	5225	cm	CMAUINVINIT
21030	5226	cm	CMAUENPTYPE
21031	5227	cm	CMQLOORENDPT
21032	5228	cm	QLINVFRMTYPE
21033	5229	cm	MTTBADDELAY
21034	522a	cm	MTTBADHDC
21035	522b	cm	MTTBADNXT
21036	522c	cm	MTTBADPREV
21037	522d	cm	MTTBADSTRUCT
21038	522e	cm	MTTBADTTYPE
21039	522f	cm	CMAUSPDERR
21040	5230	cm	CMAUQTSBAD
21041	5231	cm	CMAUL1BUSY
21042	5232	cm	CMOUTLLCB
21043	5233	cm	CMAUFDLOW
21044	5234	cm	QLINVPKTTYPE
21045	5235	cm	CMAULGINV
21046	5236	cm	CMAULGMLNG
21047	5237	cm	CMAUSCTO
21048	5238	cm	MTLLCBXINV
21049	5239	cm	MTINVLLCB
21050	523a	cm	MTINCLLCB
21051	523b	cm	MTINVFRMTYPE
21052	523c	cm	MTINVCOMB
21053	523d	cm	MTINVSEQ
21054	523e	cm	MTINVXMITQ
21055	523f	cm	CMAUSCERR
21056	5240	cm	CMAUSCRCV
21057	5241	cm	CMAUPTINV
21058	5242	cm	CMAUTDAF

21059	5243	cm	CMAUWINFL
21060	5244	cm	CMAUBDINV
21061	5245	cm	CMAUL1DERR
21062	5246	cm	CMAUL1DTO
21063	5247	cm	CMAUNOBUFS
21064	5248	cm	CMAUMHINV
21065	5249	cm	CMAUMHPPIP
21066	524a	cm	CMAUINVUNIT
21067	524b	cm	UC_EL1
21068	524c	cm	UC_EPICB
21069	524d	cm	UC_EADRS
21070	524e	cm	UC_ECOUNT
21071	524f	cm	UC_EUSER
21072	5250	cm	MTB_STATE
21073	5251	cm	MTB_CHAN
21074	5252	cm	MTB_UNITTYP
21075	5253	cm	MTB_TIMER
21076	5254	cm	MTB_GENFRM
21077	5255	cm	MTB_ACTION
21078	5256	cm	MTB_IFD
21079	5257	cm	MTB_REJEVENT
21080	5258	cm	MTB_ERROR
21081	5259	cm	CMAUPINVUNIT
21082	525a	cm	CM_UCIERR
21083	525b	cm	MTINVPCCB
21084	525c	cm	CMAUTCPCBINV
21085	525d	cm	CMAUSOCKINV
21086	525e	cm	CMAUINVESDATA
21087	525f	cm	CMAUNOTPCB
21088	5260	cm	CMAUINVTCBST
21089	5261	cm	CMAUTCPINV
21090	5262	cm	CMAUESATPINIT
21091	5263	cm	CMAUTCISOCONF
21092	5264	cm	CMAUTCISOBINDFAIL
21093	5265	cm	CMAUINVMESEV
21094	5266	cm	CMAUSOCRTFAIL
21095	5267	cm	CMAUSOBINDFAIL
21096	5268	cm	CMAUSOCONF
21097	5269	cm	CMAUSOCLSF
21098	526a	cm	CMAUSOSHUTFAIL
21099	526b	cm	CMAUTCMELNKN
21100	526c	cm	CMAUNOINPCB
21101	526d	cm	CMAUMENOC
21102	526e	cm	CMAUINVBIND
21103	526f	cm	CMAUINVHWADDR
21104	5270	cm	CMAUMHCOMFAIL
21105	5271	cm	CMAUINVATPST
21106	5272	cm	CMAUEXTSYSTYP
21107	5273	cm	CMAUINVATPMSG
21108	5274	cm	CMAUUNEXPDI
21109	5275	cm	CMAUNOGDIMATCH
21110	5276	cm	CMAUINVL3QAUST
21111	5277	cm	CMAUL3QRCVRF
21112	5278	cm	CMAUL3QACKERR
21113	5279	cm	CMAUINPCBINV
21114	527a	cm	CMAUSOCKETINV
21115	527b	cm	CMAUINVEFD
21116	527c	cm	CMAUGDITIMEOUT
21117	527d	cm	CMAUINVMELNK
21118	527e	cm	CMAUINVUTPACK
21119	527f	cm	CMAUINVEFDMELN
21120	5280	cm	CMAUSCRD
21150	529e	da	SXSMASRT
21151	529f	da	CCSMASRT
21152	52a0	da	CDSMASRT
21153	52a1	da	CHSMASRT
21154	52a2	da	CPSMASRT
21155	52a3	da	CQSMASRT
21156	52a4	da	GSSMASRT
21157	52a5	da	PHSMASRT
21158	52a6	da	TSSMASRT
21159	52a7	da	POSMASRT

21160	52a8	da	AUSMASRT
21161	52a9	da	MASMASRT
21162	52aa	da	QLSMASRT
21163	52ab	da	XRSMASRT
21164	52ac	da	ARLMASRT
21165	52ad	da	PYSMASRT
21166	52ae	da	TQSMASRT
21167	52af	da	CCLMASRT
21168	52b0	da	CDLMASRT
21169	52b1	da	CHLMASRT
21170	52b2	da	PCLMASRT
21171	52b3	da	PHLMASRT
21172	52b4	da	POLMASRT
21173	52b5	da	TSLMASRT
21174	52b6	da	ERSMASRT
21175	52b7	da	GEN_NOREL
21176	52b8	da	GEN_NOTUP
21177	52b9	da	EXLMASRT
21178	52ba	da	TGLMASRT
21179	52bb	da	GRLMASRT
21180	52bc	da	TKLMASRT
21181	52bd	da	TOLMASRT
21182	52be	da	LTLMASRT
21183	52bf	da	TGSMASRT
21184	52c0	da	EXSMASRT
21185	52c1	da	GRSMASRT
21186	52c2	da	APSMASRT
21187	52c3	da	ARSMASRT
21188	52c4	da	FLLMASRT
21189	52c5	da	BUSMASRT
21190	52c6	da	CQDBSMASRT
21191	52c7	da	STSMASRT
21192	52c8	da	LOSMASRT
21193	52c9	da	APDBSMASRT
21194	52ca	da	DOSMASRT
21195	52cb	da	STLMASRT
21196	52cc	da	CQLMASRT
21197	52cd	da	DOLMASRT
21198	52ce	da	MPLMASRT
21199	52cf	da	RRLMASRT
21200	52d0	da	PBSMASRT
21201	52d1	da	DASMASRT
21202	52d2	da	PBLMASRT
21203	52d3	da	BISMASRT
21204	52d4	da	BCSMASRT
21205	52d5	da	BILMASRT
21206	52d6	da	BCLMASRT
21207	52d7	da	PKSMASRT
21208	52d8	da	SPSMASRT
21209	52d9	da	DALMASRT
21210	52da	da	SPLMASRT
21211	52db	da	CRLMASRT
21212	52dc	da	TLMASRT
21213	52dd	da	TPSMASRT
21214	52de	da	CASMASRT
21215	52df	da	SNSMASRT
21216	52e0	da	NBLMASRT
21217	52e1	da	ABSMASRT
21218	52e2	da	PRLMASRT
21219	52e3	da	QRLMASRT
21220	52e4	da	ASLMASRT
21221	52e5	da	TPLMASRT
21222	52e6	da	ASSMASRT
21223	52e7	da	ACLMASRT
21224	52e8	da	CBSMASRT
21225	52e9	da	DISMASRT
21226	52ea	da	BRSMASRT
21227	52eb	da	TESMASRT
21228	52ec	da	BRLMASRT
21229	52ed	da	DILMASRT
21230	52ee	da	DLLMASRT
21231	52ef	da	CBLMASRT

21232	52f0	da	OASMASRT
21233	52f1	da	OSSMASRT
21234	52f2	da	BFSMASRT
21235	52f3	da	SCLMASRT
21236	52f4	da	APLMASRT
21237	52f5	da	DBLMASRT
21238	52f6	da	SCSMASRT
21239	52f7	da	DBSMASRT
21240	52f8	da	QMSMASRT
21241	52f9	da	OTLMASRT
21242	52fa	da	NSSMASRT
21243	52fb	da	OTSMASRT
21244	52fc	da	BLSMASRT
21245	52fd	da	TMSMASRT
21246	52fe	da	DHSMASRT
21247	52ff	da	DMSMASRT
21248	5300	da	LYSMASRT
21249	5301	da	NSLMASRT
21250	5302	da	LYLMASRT
21251	5303	da	DHLMASRT
21252	5304	da	CLLMASRT
21253	5305	da	CLSMASRT
21254	5306	da	MDSMASRT
21255	5307	da	USSMASRT
21256	5308	da	NDSMASRT
21257	5309	da	NDLMASRT
21258	530a	da	CNSMASRT
21259	530b	da	CNLMASRT
21260	530c	da	DTSMASRT
21261	530d	da	DTLMASRT
21264	5310	da	LKSMASRT
21265	5311	da	OPLMASRT
21266	5312	da	LKLMASRT
21267	5313	da	TISMASRT
21268	5314	da	PVLMASRT
21269	5315	da	PVSMASRT
21270	5316	da	RVLMASRT
21271	5317	da	RVSMASRT
21273	5319	da	CVLMASRT
21274	531a	da	SRLMASRT
21275	531b	da	SRSMASRT
21276	531c	da	CVSMASRT
21277	531d	da	ALSMASRT
21278	531e	da	AHSMASRT
21279	531f	da	CZLMASRT
21280	5320	da	CZSMASRT
21281	5321	da	QCSMASRT
21282	5322	da	QCLMASRT
21283	5323	da	HCSMASRT
21284	5324	da	OPSMASRT
21285	5325	da	TRSMASRT
21286	5326	da	RQSMASRT
21287	5327	da	DPSMASRT
21288	5328	da	EISMASRT
21289	5329	da	HLSMASRT
21290	532a	da	SBSMASRT
21291	532b	da	PCSMASRT
21292	532c	da	PSSMASRT
21293	532d	da	PLSMASRT
21294	532e	da	QOSMASRT
21295	532f	da	LHSMASRT
21296	5330	da	MCSMASRT
21297	5331	da	TTSMASRT
21298	5332	da	RGSMASRT
21299	5333	da	TASMASRT
21300	5334	da	TALMASRT
21301	5335	da	TOSMASRT
21302	5336	da	E9LMASRT
21303	5337	da	E9SMASRT
21304	5338	da	MWSMASRT
21305	5339	da	S0SMASRT
21306	533a	da	S0LMASRT

21307	533b	da	RTSMASRT
21308	533c	da	RLSMASRT
21309	533d	da	RLLMASRT
21310	533e	da	RBSMASRT
21311	533f	da	LCLMASRT
21312	5340	da	LCSMASRT
21313	5341	da	SULMASRT
21314	5342	da	SUSMASRT
21315	5343	da	NBSMASRT
21316	5344	da	NILMASRT
21317	5345	da	NISMASRT
21318	5346	da	TNSMASRT
21319	5347	da	MLSMASRT
21320	5348	da	IASMASRT
21321	5349	da	TBSMASRT
21322	534a	da	TBLMASRT
21323	534b	da	PASMASRT
21324	534c	da	PALMASRT
21325	534d	da	PISMASRT
21326	534e	da	TELMASRT
21327	534f	da	ISSMASRT
21328	5350	da	FLSMASRT
21329	5351	da	EBSMASRT
21330	5352	da	ANSMASRT
21331	5353	da	CTSMASRT
21332	5354	da	CTLMASRT
21333	5355	da	AXSMASRT
21334	5356	da	PXSMASRT
21335	5357	da	CFSMASRT
21336	5358	da	CFLMASRT
21337	5359	da	CRSMASRT
21338	535a	da	MQSMASRT
21339	535b	da	OCLMASRT
21340	535c	da	OCSMASRT
21341	535d	da	HISMASRT
21342	535e	da	HILMASRT
21343	535f	da	PESMASRT
21344	5360	da	PQSMASRT
21345	5361	da	QTSMASRT
21346	5362	da	ICSMASRT
21347	5363	da	QGSMASRT
21348	5364	da	PRSMASRT
21349	5365	da	QRSMASRT
21350	5366	da	UTSMASRT
21351	5367	da	TDSMASRT
21352	5368	da	C7SMASRT
21353	5369	da	E7SMASRT
21354	536a	da	P7SMASRT
21355	536b	da	T7SMASRT
21356	536c	da	SLSMASRT
21359	536f	da	TDLMASRT
21360	5370	da	HDLMASRT
21361	5371	da	SDSMASRT
21362	5372	da	SDLMASRT
21363	5373	da	UDLMASRT
21364	5374	da	UDSMASRT
21365	5375	da	VLLMASRT
21366	5376	da	AKSMASRT
21367	5377	da	GTSMASRT
21368	5378	da	COSMASRT
21369	5379	da	C1SMASRT
21370	537a	da	DCSMASRT

7. 5E13 Numeric Index: 21371-22000

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21371	537b	da	JFSMASRT
21372	537c	da	D6SMASRT
21373	537d	da	LXSMASRT
21374	537e	da	LBSMASRT
21375	537f	da	N7SMASRT

21376	5380	da	NASMASRT
21377	5381	da	N1SMASRT
21378	5382	da	RRSMASRT
21379	5383	da	MRSMASRT
21380	5384	da	S7SMASRT
21381	5385	da	RDSMASRT
21382	5386	da	XPSMASRT
21383	5387	da	IGLMASRT
21384	5388	da	IGSMASRT
21385	5389	da	GSLMASRT
21386	538a	da	GKLMASRT
21387	538b	da	GKSMASRT
21388	538c	da	QDSMASRT
21389	538d	da	LQSMASRT
21390	538e	da	HQSMASRT
21391	538f	da	QVSMASRT
21392	5390	da	QVLMASRT
21393	5391	da	SQSMASRT
21394	5392	da	DNLMASRT
21395	5393	da	DNSMASRT
21396	5394	da	QBLMASRT
21397	5395	da	QBSMASRT
21398	5396	da	QPSMASRT
21399	5397	da	QPLMASRT
21400	5398	da	SESMASRT
21401	5399	da	AQLMASRT
21402	539a	da	AQSMASRT
21403	539b	da	SXLMASRT
21404	539c	da	FTSMASRT
21405	539d	da	OHSMASRT
21406	539e	da	AJSMASRT
21407	539f	da	AJLMASRT
21408	53a0	da	KLSMASRT
21409	53a1	da	KTSMASRT
21410	53a2	da	VCSMASRT
21450	53ca	dg	DGRXSE0
21451	53cb	dg	DGRXSE1
21452	53cc	dg	DGRXSE2
21453	53cd	dg	DGRXSE3
21454	53ce	dg	DGRXSE4
21455	53cf	dg	DGRXSE5
21456	53d0	dg	DGRXSE6
21457	53d1	dg	DGRXSE7
21458	53d2	dg	DGPE1
21459	53d3	dg	DGPE2
21460	53d4	dg	DGPE3
21461	53d5	dg	DGPE4
21462	53d6	dg	DGPE5
21463	53d7	dg	DGDATA PROB
21464	53d8	dg	DGPE7
21466	53da	dg	DGPE9
21468	53dc	dg	DGPE11
21469	53dd	dg	DGPE12
21470	53de	dg	DGPE13
21471	53df	dg	DGRXSE8
21472	53e0	dg	DGRXSE9
21550	542e	fc	FCNFTLDB
21551	542f	fc	FCUNXMSG
21552	5430	fc	FCBADVALUE
21554	5432	fc	FCBADOCDS
21555	5433	fc	FCBADSTATE
21558	5436	fc	DCGPAXHC
21559	5437	fc	FCCARRTRIG
21561	5439	fc	FCASPCARTRG
21563	543b	fc	FCBADPARM
21570	5442	fc	FC0000
21573	5445	fc	FC0003
21574	5446	fc	FC0004
21575	5447	fc	FC0005
21580	544c	fc	FC0010
21585	5451	fc	FC0015
21589	5455	fc	FC911TBAD

21590	5456	fc	FCE9OPBAD
21603	5463	fc	FC0033
21604	5464	fc	FC0034
21609	5469	fc	FC0039
21620	5474	fc	FC0050
21622	5476	fc	FC0052
21623	5477	fc	FC0053
21624	5478	fc	FC0054
21625	5479	fc	FC0055
21626	547a	fc	FC0056
21627	547b	fc	FC0057
21629	547d	fc	FC0059
21645	548d	fc	FC0075
21646	548e	fc	FC0076
21650	5492	fc	FC0080
21651	5493	fc	FC0081
21652	5494	fc	FC0082
21654	5496	fc	FC0084
21661	549d	fc	FC0091
21662	549e	fc	FC0092
21663	549f	fc	FC0093
21664	54a0	fc	FC0094
21667	54a3	fc	FC0097
21669	54a5	fc	FC0099
21672	54a8	fc	FCASPNOBIL
21673	54a9	fc	DCGPVACANT
21674	54aa	fc	DCGETCBDB
21676	54ac	fc	FC0106
21677	54ad	fc	FC0107
21678	54ae	fc	FC0108
21680	54b0	fc	FC0110
21681	54b1	fc	FC0111
21682	54b2	fc	FC0112
21684	54b4	fc	FC0114
21685	54b5	fc	FC0115
21686	54b6	fc	FC0116
21687	54b7	fc	FC0117
21688	54b8	fc	FC0118
21690	54ba	fc	FCPPSI04
21697	54c1	fc	FC0127
21699	54c3	fc	FC0129
21706	54ca	fc	FCHTLREL
21707	54cb	fc	FCHTLTUP
21708	54cc	fc	FCISPSCRN
21709	54cd	fc	FCOPRTKREL
21710	54ce	fc	FCOPRTKTUP
21711	54cf	fc	FCDIOPRREL
21712	54d0	fc	FCDIOPRTUP
21716	54d4	fc	ISFBBCSDB
21717	54d5	fc	ISFBDALB
21718	54d6	fc	ISFBDBP
21719	54d7	fc	FCAPCCC
21723	54db	fc	FCUNCNFL
21725	54dd	fc	FC0155
21726	54de	fc	FC0156
21727	54df	fc	FCACCT_CF
21728	54e0	fc	FCACCT_GP
21729	54e1	fc	FCACCT_PRT
21730	54e2	fc	FCACCT_RTG
21731	54e3	fc	FCINV_GPID
21733	54e5	fc	FCATH_CF
21734	54e6	fc	FCATH_PRT
21735	54e7	fc	FCATH_FCOS
21736	54e8	fc	FCATH_GP
21737	54e9	fc	FCATGP_INV
21738	54ea	fc	ISFBLINK
21739	54eb	fc	ISFBTEDB
21740	54ec	fc	MCRBQERR
21741	54ed	fc	FCRBQBTP
21742	54ee	fc	FCARALTFRL
21744	54f0	fc	ISFBIDLE
21745	54f1	fc	ISFBNOTEDB

21747	54f3	fc	ISFBUNLINK
21748	54f4	fc	FCMQSET1
21749	54f5	fc	FCMQSET2
21750	54f6	fc	FCMQWHN1
21751	54f7	fc	FCMQWHN2
21752	54f8	fc	FCMDRCF
21753	54f9	fc	FCMDRPORT
21754	54fa	fc	FCMDRINVGPID
21755	54fb	fc	FCMDRGP
21756	54fc	fc	ISNOBNFEAT
21757	54fd	fc	ISNOFEATBN
21758	54fe	fc	FCDNFEAT
21759	54ff	fc	FCTRMFEAT
21760	5500	fc	FCSDNBDBF
21761	5501	fc	ISDSP_ACN
21762	5502	fc	ISDSP_REST
21763	5503	fc	ISDSP_RMSG
21764	5504	fc	ISDSP_SWTCH
21765	5505	fc	FCMDS_CF
21766	5506	fc	FCBADREAS
21767	5507	fc	FCMDS_PORT
21768	5508	fc	FCMDS_IGR
21769	5509	fc	FCMDS_GRP
21770	550a	fc	FCMSSPIN
21771	550b	fc	FCMSPMSG
21772	550c	fc	FCMSFREQ
21773	550d	fc	FCMWITP
21774	550e	fc	FCBLTTP
21775	550f	fc	FCMWRFTP
21776	5510	fc	ISEDGRP
21777	5511	fc	ISEDSCF
21778	5512	fc	ISEDINVGPIID
21779	5513	fc	ISEDSPORT
21780	5514	fc	ISEDS_APID
21781	5515	fc	FCANCHDENTRY
21782	5516	fc	FCANCHDID
21783	5517	fc	FCINSDYN
21784	5518	fc	FCLNBRCS
21785	5519	fc	FCLNCBDB
21786	551a	fc	FCLNDALB
21788	551c	fc	FCRGLPRM
21789	551d	fc	FCUGLPRM
21790	551e	fc	FCGETCBDB
21791	551f	fc	FCLNCBPC
21792	5520	fc	ISAHBLTM
21793	5521	fc	ISAHHCBL
21794	5522	fc	ISDAGTAM
21795	5523	fc	ISDBFDAM
21796	5524	fc	ISDBFIAH
21797	5525	fc	ISDBFIAM
21798	5526	fc	ISRSBLTM
21799	5527	fc	ISRSHCBL
21800	5528	fc	FCFPCCB
21801	5529	fc	FCBAD4WIRE
21803	552b	fc	FC4WDRACB
21810	5532	fc	FCUPCCB
21811	5533	fc	DCLNCBPC
21812	5534	fc	FCNLUPERR
21817	5539	fc	FCATH_CACHE
21818	553a	fc	FCMDC_GRP
21819	553b	fc	FCLNADB
21820	553c	fc	FCLNSCMBDB
21821	553d	fc	FCTCMINVRAN
21822	553e	fc	FCARTCM
21823	553f	fc	FCUNDPINFO
21825	5541	fc	FCUNFLGNSC
21826	5542	fc	FCUNNSC
21827	5543	fc	FCUNOFFON
21828	5544	fc	FCUNONDI
21829	5545	fc	FCUNONOFF
21830	5546	fc	FCUNRLOFFON
21835	554b	fc	FCANCINENTRY

21836	554c	fc	FCANCINID
21837	554d	fc	FCANCTRENTY
21838	554e	fc	FCANCTRID
21840	5550	fc	ISBADMSG
21849	5559	fc	ISNRMODS
21850	555a	fc	ISAHHCBR
21851	555b	fc	ISAHHCDI
21852	555c	fc	ISRDATTM
21853	555d	fc	ISBADARG
21854	555e	fc	ISBADPARM
21855	555f	fc	ISDISPCF
21856	5560	fc	ISDSP_SMSG
21857	5561	fc	ISFBRDI
21858	5562	fc	ISFCLINE
21859	5563	fc	ISFDABR
21860	5564	fc	ISFDAPC
21861	5565	fc	ISFPCDA
21862	5566	fc	ISGETDALB
21863	5567	fc	ISGETPCBLA
21864	5568	fc	ISGHTEDA
21865	5569	fc	ISGOTEDA
21866	556a	fc	ISGRPPORT
21867	556b	fc	ISGSTEDA
21868	556c	fc	ISICX_ICI
21869	556d	fc	ISINDISPTUP
21870	556e	fc	ISINVSTR
21871	556f	fc	ISINVTERM
21872	5570	fc	ISINV_ENVAL
21873	5571	fc	ISISATMBR
21874	5572	fc	ISLBRDI
21875	5573	fc	ISLIDCF
21876	5574	fc	ISMISCA
21877	5575	fc	ISNO2LINK
21878	5576	fc	ISOFFICECODE
21879	5577	fc	ISPORTGRP
21880	5578	fc	ISPTLA
21881	5579	fc	ISQO_ICI
21882	557a	fc	ISQ_ISAT
21884	557c	fc	ISRDSPLYPAR
21885	557d	fc	ISRHHCBR
21886	557e	fc	ISRHHCDI
21887	557f	fc	DCPUTCBDB
21888	5580	fc	ISRTMHG
21889	5581	fc	ISTERMCA
21890	5582	fc	ISUBRDA
21891	5583	fc	ISUBRDI
21893	5585	fc	ISUDISPPAR
21895	5587	fc	ISLBRDA
21896	5588	fc	MTOUTMSGER
21897	5589	fc	MTPASSMSGER
21898	558a	fc	MTUNLCKER
21899	558b	fc	ISSOOLD
21900	558c	fc	FCNOISLN
21902	558e	fc	FCMWISDNERR
21903	558f	fc	FCBADNRST
21904	5590	fc	FCNONRST
21907	5593	fc	FCOSWTFail
21908	5594	fc	ISBAD_MEM
21909	5595	fc	FCMWNOCC
21910	5596	fc	ISBADMWLYN
21911	5597	fc	FCPHDBER
21912	5598	fc	FCDESTYP
21913	5599	fc	FCNOHDALB
21914	559a	fc	FCTSDBER
21915	559b	fc	MTWGETER
21917	559d	fc	MTBADPFMSTATE
21918	559e	fc	FCSHTERM
21919	559f	fc	MTUNEXPMMSG
21920	55a0	fc	ISNODALB
21921	55a1	fc	ISPPGHTEA
21922	55a2	fc	FBDNFEATS
21923	55a3	fc	ISFCPORTYP

21924	55a4	fc	ISLINECA
21925	55a5	fc	ISLPTPT
21926	55a6	fc	ISPACK_NLOADED
21927	55a7	fc	FCMDCINV
21929	55a9	fc	ISNOICMTERM
21930	55aa	fc	ISNOICM1LST
21931	55ab	fc	ISUMICMGRP
21932	55ac	fc	FCDEFAULT
21933	55ad	fc	FCOSLNGTH
21939	55b3	fc	ISRHHCDA
21940	55b4	fc	ISLPCDL
21941	55b5	fc	ISFPCDL
21942	55b6	fc	ISAUPCDL
21943	55b7	fc	ISUPCDA
21944	55b8	fc	ISUPCDL
21945	55b9	fc	ISLPCDA
21946	55ba	fc	ISHHCDI
21947	55bb	fc	ISAHHCDA
21949	55bd	fc	FCATCOS
21950	55be	fc	FCACB_CF
21951	55bf	fc	FCACB_PORT
21952	55c0	fc	DCOSSENDFAIL
21953	55c1	fc	FCAD1S_IDP
21954	55c2	fc	DCSREASON
21955	55c3	fc	FCAD2S_IDP
21956	55c4	fc	DCSVFSM
21957	55c5	fc	DCSLOOPFSM
21958	55c6	fc	FCARCF
21959	55c7	fc	FCARGP
21960	55c8	fc	FCARPORT
21961	55c9	fc	FCARSCRN
21962	55ca	fc	DCTREASON
21963	55cb	fc	FCCF_CF
21964	55cc	fc	FCCF_LTM
21965	55cd	fc	FCCW_CF
21966	55ce	fc	FCCW_PORT
21967	55cf	fc	FCDR_CF
21968	55d0	fc	DCUNEXPMMSG
21969	55d1	fc	FCIDP_ACT
21970	55d2	fc	FCIDP_CF
21971	55d3	fc	DCUNEXPINP
21972	55d4	fc	FCIDP_DTRE
21973	55d5	fc	FCIDP_GP
21974	55d6	fc	FCIDP_ICOM
21975	55d7	fc	FCIDP_PORT
21976	55d8	fc	FCLTM_PORT
21977	55d9	fc	FCMWCF
21978	55da	fc	FCMWPORT
21979	55db	fc	FCPF_GP
21980	55dc	fc	FCPF_PARM
21981	55dd	fc	FCPF_PORT
21982	55de	fc	DCINVDATA
21983	55df	fc	FCPUO_CF
21984	55e0	fc	FCPUT_CF
21985	55e1	fc	FCPU_LTM
21986	55e2	fc	FCPU_PORT
21987	55e3	fc	FCTD_CF
21988	55e4	fc	FCTD_CODE
21989	55e5	fc	FCTD_SCHED
21991	55e7	fc	FCTG_CF
21992	55e8	fc	DCTMRFAIL
21993	55e9	fc	DCAPXAMAP
21995	55eb	fc	ISBADMWRET
21996	55ec	fc	FCMSINVACT
21998	55ee	fc	DCAPXTMAP
21999	55ef	fc	DC_PCBLA
22000	55f0	fc	DC_GPAXDB

8. 5E13 Numeric Index: 22001-22410

ERROR CODE	PRM CODE	RANGE	MNEMONIC

22001	55f1	fc	DC_APXCTBL
22002	55f2	fc	FC_COINCHG
22003	55f3	fc	DCGRP_PRT
22004	55f4	fc	DCTRKSTAT
22005	55f5	fc	FC_TRUNK
22006	55f6	fc	DCNOPCBLA
22007	55f7	fc	FCBADNS_TN
22008	55f8	fc	ISSDTEDB
22009	55f9	fc	ISRSTEDA
22010	55fa	fc	ISAHTEDA
22011	55fb	fc	FCMWIBODD
22012	55fc	fc	FCNOPAPB
22014	55fe	fc	ISFBLTMSTAT
22015	55ff	fc	FCMDS_INVAP
22016	5600	fc	ISSENDEXT
22018	5602	fc	ISBKINSR
22020	5604	fc	ISGETPTLA
22021	5605	fc	ISGETTEDB
22022	5606	fc	ISGETTCB
22023	5607	fc	ISGETADB
22024	5608	fc	ISDLBKEY
22025	5609	fc	ISHHCDB
22026	560a	fc	ISOSERNG
22027	560b	fc	ISANFAILTP
22028	560c	fc	ISANALMSG
22029	560d	fc	ISMSGTYPE
22030	560e	fc	ISBADADB
22031	560f	fc	ISBADDALB
22032	5610	fc	BADDALBPID
22034	5612	fc	ISSCMBDB
22036	5614	fc	ISFNDDISP
22037	5615	fc	ISKAMSG
22038	5616	fc	ISATHCDB
22039	5617	fc	ISLPODB
22040	5618	fc	ISXLFAIL
22041	5619	fc	ISSCMLPT
22042	561a	fc	ISSCMMMSG
22043	561b	fc	ISKATPCR
22044	561c	fc	ISFBINTER
22046	561e	fc	ISSHDACK
22047	561f	fc	ISSHSCINIT
22049	5621	fc	ISTERMARRAY
22051	5623	fc	ISADBPID
22052	5624	fc	ISBR_FRDA
22053	5625	fc	ISINTMSG
22054	5626	fc	ISEXTMSG
22056	5628	fc	ISGTOOSDALB
22057	5629	fc	FCNPTMOD
22058	562a	fc	ISINVICI
22059	562b	fc	FCATER01
22060	562c	fc	FCINVMWITP
22061	562d	fc	FCNOMWIREQ
22062	562e	fc	FCBADMWIREQ
22063	562f	fc	FCINMSGMWI
22064	5630	fc	FCNOPRT2MWI
22065	5631	fc	FCBADAVMWIPQ
22066	5632	fc	FCBADMWCRCPQ
22067	5633	fc	FCINVMWRFTP
22068	5634	fc	DCBADTKST
22069	5635	fc	FCMSSIPOD
22070	5636	fc	ISFBLDAT
22071	5637	fc	FCATCMSGBAD
22072	5638	fc	FCATCRTIBAD
22073	5639	fc	MTDALBERR
22074	563a	fc	MTOPENERRR
22075	563b	fc	MTBAVAILERR
22076	563c	fc	MTCLOSERR
22077	563d	fc	DCTKMEMBAD
22078	563e	fc	DCUNLKBUSY
22079	563f	fc	DCUNLKIDLE
22080	5640	fc	FCDNBFG
22081	5641	fc	FCTRMBFG

22082	5642	fc	FCPP_LTM
22083	5643	fc	FCDSU2NRS
22084	5644	fc	DCLINKIDLE
22085	5645	fc	FC_FACIDS
22086	5646	fc	FCPUG_SM
22087	5647	fc	FCBADQUE
22088	5648	fc	ISRTDNMHG
22089	5649	fc	ISATPRT
22090	564a	fc	ISATGRP
22091	564b	fc	ISATCF
22092	564c	fc	FCPCCLSPP
22093	564d	fc	FCCLMDSPP
22094	564e	fc	FCNOMEMPCCL
22095	564f	fc	FCNOMEMCLMD
22098	5652	fc	FCBADMOD
22099	5653	fc	FCMSSAPBFAIL
22101	5655	fc	FCCORC
22102	5656	fc	FCMHG_CF
22103	5657	fc	ISACOFTR
22104	5658	fc	DCLINKBUSY
22111	565f	fc	FCINVMGRASP
22112	5660	fc	FCBADMFRAFP
22113	5661	fc	ISNOCCODE
22114	5662	fc	ISISTGIDX
22115	5663	fc	ISISAFIDX
22116	5664	fc	FCDCACTER
22117	5665	fc	BFGACCT_PRT
22118	5666	fc	BFGATH_PRT
22119	5667	fc	BFGARPORT
22120	5668	fc	BFGACB_PORT
22121	5669	fc	BFGPU_LTM
22122	566a	fc	BFGEDS_PORT
22123	566b	fc	BFGMWPORT
22124	566c	fc	BFGIDP_PORT
22125	566d	fc	BFGPF_PORT
22126	566e	fc	BFGMDR_PORT
22127	566f	fc	BFGPU_PORT
22128	5670	fc	FCCFSCOP
22129	5671	fc	BFGPP_LTM
22130	5672	fc	FCCFLNTRM
22131	5673	fc	BFGCW_PORT
22132	5674	fc	FCBADTMR
22133	5675	fc	FCBADMSG
22134	5676	fc	FCBADACT
22135	5677	fc	FCMSGFLRASP
22136	5678	fc	FCRASPIN
22137	5679	fc	FCCFOVSCOP
22138	567a	fc	FCCFOVLNTRM
22139	567b	fc	FCINVSLT
22140	567c	fc	FCCFIDLERR
22143	567f	fc	FCBKLATANUM
22144	5680	fc	FCDIOPRFAIL
22145	5681	fc	FCFLNPAMAP
22146	5682	fc	FCHOTELFAIL
22147	5683	fc	FCNPAMAPTUP
22148	5684	fc	FCOAEXMAPFAIL
22149	5685	fc	FCOPRTKFAIL
22150	5686	fc	FCRTSCRNFAIL
22151	5687	fc	ICLIDIDX
22152	5688	fc	ISISATGRP
22153	5689	fc	FCASPCPOHD
22154	568a	fc	FCCPPPOP
22155	568b	fc	FCASPSTDOHD
22156	568c	fc	ISFDABR2
22157	568d	fc	ISGETEDB
22158	568e	fc	ISGODPTE
22159	568f	fc	ISLPMVPORT
22160	5690	fc	ISPORPCBLA
22161	5691	fc	FCASPCPFB
22162	5692	fc	FCBADPCRRASP
22163	5693	fc	FCDB_AMGPD
22164	5694	fc	FCRTDNMOD

22165	5695	fc	FCRT_DNTRAN
22166	5696	fc	ISDSL_EQUIP
22167	5697	fc	ICLIDATA
22168	5698	fc	ICLIDDB
22174	569e	fc	FCCFPF_LTM
22175	569f	fc	FCSPABILLDN
22176	56a0	fc	FCSPABNDSCRN
22177	56a1	fc	FCSPAENXX
22179	56a3	fc	FCPP_CF
22180	56a4	fc	FCPP_TRUNK
22181	56a5	fc	FCPP_COS
22182	56a6	fc	FCPP_COI
22183	56a7	fc	FCPUO_ROUT
22184	56a8	fc	FCLTSBPORT
22185	56a9	fc	FCLTSCSPMSG
22186	56aa	fc	FCLTBRMSER
22187	56ab	fc	FCPCC_CC
22188	56ac	fc	FCLTUXBRCS
22189	56ad	fc	NOANILHB
22190	56ae	fc	NOISILHB
22191	56af	fc	NOANOLHB
22192	56b0	fc	NOISOLHB
22193	56b1	fc	FCARCBADPARM
22194	56b2	fc	DAANILHB
22195	56b3	fc	DAISILHB
22196	56b4	fc	DAANOLHB
22197	56b5	fc	DAISOLHB
22198	56b6	fc	FCARCMXPUNXP
22199	56b7	fc	FCARCMMSGUNXP
22200	56b8	fc	FCARCOSMGERR
22201	56b9	fc	FCTMRARCFAIL
22203	56bb	fc	FCSDNBRET
22204	56bc	fc	FCCOT_CF
22205	56bd	fc	FCAC_PORT
22206	56be	fc	FCAR_PORT
22207	56bf	fc	FCIDPRDTRE
22208	56c0	fc	FCSDNFINTF
22209	56c1	fc	FCSDNFFINTF
22210	56c2	fc	FCTR_UNKN
22211	56c3	fc	FCBADPTRSPP
22213	56c5	fc	FCPUENTRY
22214	56c6	fc	FCPUQUEUE
22215	56c7	fc	FCE9BADSG
22216	56c8	fc	FCALOSRVOT
22219	56cb	fc	FCLTUNLKER
22220	56cc	fc	FCLTATPLER
22221	56cd	fc	FCLTREORER
22222	56ce	fc	FCLTGTUPER
22223	56cf	fc	FCLTLINKER
22224	56d0	fc	FCLTCOSER
22225	56d1	fc	FCCF_LDN
22226	56d2	fc	FCLTEXTMSG
22227	56d3	fc	FCLTINTMSG
22228	56d4	fc	FCSLEPROCERR
22229	56d5	fc	FCSLELENGTHERR
22230	56d6	fc	FCSLEDEFAULT
22231	56d7	fc	FCTRPFANI
22232	56d8	fc	FCTREDLANI
22233	56d9	fc	FCTRKSDN
22234	56da	fc	FCPNRNG
22235	56db	fc	ISACSR_GRP
22236	56dc	fc	ISACSR_OPT
22238	56de	fc	FCIDPRICOM
22239	56df	fc	FCCFGPCB
22240	56e0	fc	FCCOTCLASS
22241	56e1	fc	FCCOTDISP
22242	56e2	fc	FCCOTRESP
22243	56e3	fc	FCCOTTMEQ
22244	56e4	fc	FCAR_CF
22245	56e5	fc	FCAC_CF
22246	56e6	fc	FCBNS_DB
22247	56e7	fc	FCB_PSEUDO

22248	56e8	fc	FCDISERV
22249	56e9	fc	FCCFGTDB
22250	56ea	fc	FCNSOFF
22251	56eb	fc	FCNISON
22252	56ec	fc	FCNONSDB
22253	56ed	fc	FCACPFX
22254	56ee	fc	FCMHG_TGSR
22255	56ef	fc	FCCDVTP
22256	56f0	fc	FCCDVUNX
22257	56f1	fc	FCSCM_NSCM
22258	56f2	fc	FCLPTSPID
22259	56f3	fc	FCCDVTRG
22260	56f4	fc	FCGHPCCCL
22261	56f5	fc	FCGSPCCCL
22262	56f6	fc	FCLNCLDB
22263	56f7	fc	FCLNMDB
22264	56f8	fc	FCCPNBNCF
22265	56f9	fc	FCSCPAS
22266	56fa	fc	FCSLEBADMSG
22267	56fb	fc	FCSLEINVLREQ
22268	56fc	fc	FCSCALTM
22269	56fd	fc	FCSCFLTM
22270	56fe	fc	FCSCRLTM
22271	56ff	fc	FCSDALTM
22272	5700	fc	FCLSF_CF
22273	5701	fc	FCBFGSC_PORT
22274	5702	fc	FCSC_CF
22275	5703	fc	FCSC_PORT
22276	5704	fc	FCACDAFAIL
22277	5705	fc	FC4WDAC
22278	5706	fc	FC4WDAR
22279	5707	fc	FCGENSCA
22280	5708	fc	FCGENSCF
22281	5709	fc	FCGENSCR
22282	570a	fc	FCGENSDA
22283	570b	fc	FCLSFSCA
22284	570c	fc	FCLSFSCF
22285	570d	fc	FCLSFSCR
22286	570e	fc	FCLSFSDA
22287	570f	fc	FCLSFHCA
22288	5710	fc	FCLSFHCF
22289	5711	fc	FCLSFHCR
22290	5712	fc	FCLSFHDA
22291	5713	fc	FCSLEDSP
22292	5714	fc	FCSMSEQIDX
22293	5715	fc	FCCAR_GENAV
22294	5716	fc	FCGHCLMD
22295	5717	fc	FCGSCLMD
22296	5718	fc	FCSLETMRC
22297	5719	fc	FCSLETARG
22298	571a	fc	FCSLETID
22299	571b	fc	FCLNFFINTF
22300	571c	fc	FCIMPDGTS
22302	571e	fc	FCTRKLN
22303	571f	fc	FCIVLFEATCNT
22304	5720	fc	FCLNBRET
22305	5721	fc	FCLNFINTF
22306	5722	fc	FCBDACTN
22307	5723	fc	FCLNNTWK
22308	5724	fc	FCRTRROUTING
22309	5725	fc	FCBADRBREAS
22310	5726	fc	FCSHTRMCNT
22311	5727	fc	FCFRLRNG
22312	5728	fc	FCTCMRNG
22313	5729	fc	FCHCALIST
22314	572a	fc	FCBDFRAME
22315	572b	fc	FCBNETGRP
22316	572c	fc	FCLNEDSLANI
22317	572d	fc	FCLNISDNANI
22318	572e	fc	FCLNPFANI
22319	572f	fc	FCQDATNAVL
22320	5730	fc	FCLNNOCAR

22321	5731	fc	FCLNARPORT
22322	5732	fc	FCARLNSI
22323	5733	fc	FCHCFLIST
22324	5734	fc	FCHCRLIST
22325	5735	fc	FCHDALIST
22326	5736	fc	FCLNTCMDG
22327	5737	fc	FCPFCPECOS
22328	5738	fc	FCPF_CT
22329	5739	fc	FCPF_POVL
22330	573a	fc	FCPF_PCT
22331	573b	fc	FCICBGP1
22332	573c	fc	FCICBGP2
22333	573d	fc	FCICBGP3
22334	573e	fc	FCICBGP4
22335	573f	fc	FCHI_CF
22336	5740	fc	FCULNSDB
22337	5741	fc	HIUNEXPMMSG
22338	5742	fc	FCIDP_ERT
22339	5743	fc	FCIDP_AERT
22340	5744	fc	FCMWOSSNDERR
22341	5745	fc	FCTPUNXMSG
22342	5746	fc	FCBADQMUSIC
22343	5747	fc	FCAISSMISS
22344	5748	fc	FCOFFICECODE
22345	5749	fc	FCBTRK_DATA
22346	574a	fc	FC2CF_LTM
22347	574b	fc	FC3CF_LTM
22348	574c	fc	FC4CF_LTM
22349	574d	fc	FCTRMINCON
22350	574e	fc	FCDNINCON
22351	574f	fc	FCSHRINCON
22352	5750	fc	FCPFNONCT
22353	5751	fc	FCCR_STUCK
22354	5752	fc	FCDSPMSG
22355	5753	fc	FCCHRGIDXEXP
22356	5754	fc	FCLPCE9
22357	5755	fc	FCRRHCE9
22358	5756	fc	FCE911PSAP
22359	5757	fc	FCSENDMSG
22360	5758	fc	FCAHHCE9
22361	5759	fc	FCRERTFAIL
22362	575a	fc	FCFCPORTYP
22363	575b	fc	FCRT_SCRNING
22364	575c	fc	FCCOPER_SIG
22365	575d	fc	FCMWIBADHC
22366	575e	fc	FCUNXDESTTYPE
22367	575f	fc	FCUNXTYPCICALL
22368	5760	fc	FCMSMWIDA
22372	5764	fc	FCE9ESCOBAD
22373	5765	fc	FCEDSLTKG
22374	5766	fc	FCE9DASBAD
22375	5767	fc	FCE9SABAD
22376	5768	fc	FCE9DNBAD
22377	5769	fc	FCE9QRYBAD
22378	576a	fc	FCINSNSDB
22379	576b	fc	FCNOTGTO
22380	576c	fc	ISGODPDA
22381	576d	fc	ISAHPDA
22383	576f	fc	FCLNLSCMDB
22384	5770	fc	FCASANN
22388	5774	fc	FCRT_TG
22389	5775	fc	FCTATSTATE
22390	5776	fc	FCTAT_LNTM
22391	5777	fc	FCASP_LTM
22393	5779	fc	FCB_TATDB
22394	577a	fc	FCACDDIS
22395	577b	fc	FCASPPORT
22396	577c	fc	FCASPMTNST
22397	577d	fc	FCASPMNST
22398	577e	fc	FCASPPMNST
22399	577f	fc	FCASPSKMNST
22400	5780	fc	FCINSTATDB

22401	5781	fc	FCNOTATDB
22402	5782	fc	FCNORRTI
22403	5783	fc	FCTRKNOTA
22404	5784	fc	FCNOMUSRC
22405	5785	fc	FCTGLTM
22407	5787	fc	FCCLSUSPP
22408	5788	fc	FCHCSUAUD
22409	5789	fc	ISSOFTSPP
22410	578a	fc	FCGRPNET

9. 5E13 Numeric Index: 22411-23050

ERROR CODE	PRM CODE	RANGE	MNEMONIC
22411	578b	fc	FCNCPDIP
22412	578c	fc	FCCNAMDATA
22413	578d	fc	FCBNS_IDX
22414	578e	fc	FCBTN_INFO
22415	578f	fc	FCBNS_BILL
22416	5790	fc	FCREDIRCNT
22417	5791	fc	FCBFGPORT
22418	5792	fc	FCCKT_PORT
22420	5794	fc	FCNULPORT
22421	5795	fc	FCBCR_NS
22422	5796	fc	FCINNS_IDX
22423	5797	fc	FCINTN_INFO
22424	5798	fc	FCINNS_BILL
22425	5799	fc	FCTATON
22426	579a	fc	FCNS_TRIG
22427	579b	fc	FCNS_ALGT
22428	579c	fc	FCBADSRCTYP
22429	579d	fc	FCBNS_TAT
22430	579e	fc	FCBQRY_CNT
22431	579f	fc	FCRELAYMSGER
22432	57a0	fc	FCERRMSGSZ
22433	57a1	fc	FCCBCPIDERR
22434	57a2	fc	FCNS_SCR
22435	57a3	fc	FCISPRIBAD
22436	57a4	fc	FCASPEAOHD
22441	57a9	fc	FCLNAPB
22443	57ab	fc	FCERNS_IDX
22444	57ac	fc	FCERNSDB
22445	57ad	fc	FCERNS_BILL
22446	57ae	fc	FCERTN_INFO
22447	57af	fc	FCERTATDB
22448	57b0	fc	FCIDP_MBGE
22453	57b5	fc	FCIPNSTRIG
22455	57b7	fc	DCBADDATA
22456	57b8	fc	FCE9DA_ERR
22457	57b9	fc	FCINSATCALL
22464	57c0	fc	FCASPDFDNT
22465	57c1	fc	FCASPDFSPDN
22466	57c2	fc	FCASPDFANNC
22469	57c5	fc	FCNOCFDA
22476	57cc	fc	FCRCMULTIDN
22477	57cd	fc	FCVPNPRIOHD
22489	57d9	fc	FCOHICSD
22491	57db	fc	FCPEDSGRP
22492	57dc	fc	FCPZEDSGPID
22496	57e0	fc	FCNOLNPTRIG
22498	57e2	fc	FCINVAPDATA
22499	57e3	fc	FCCFCWINTMSG
22500	57e4	fc	FCNOCCODE
22501	57e5	fc	FCBADCDST
22502	57e6	fc	FCINVTNSC2DAS
22503	57e7	fc	DCQIWKEY
22504	57e8	fc	FCTRANSEXCEED
22505	57e9	fc	FCFRUNEXP
22506	57ea	fc	FCAUDALB
22507	57eb	fc	FCBADOSRET
22508	57ec	fc	FCNOEONCOS
22510	57ee	fc	FCPRISTAT

22511	57ef	fc	FCASP_TPLNK
22512	57f0	fc	FCBASP_TP
22513	57f1	fc	FCINASP_TP
22514	57f2	fc	FCASPCUTTHUTRG
22520	57f8	fc	FCDALCARTONE
22521	57f9	fc	FCCARTONE
22523	57fb	fc	FCSTRCARTONE
22550	5816	hm	HMMAP0
22551	5817	hm	HMMAP1
22552	5818	hm	HMMAP2
22553	5819	hm	HMMAP3
22554	581a	hm	HMMAP4
22555	581b	hm	HMMAP5
22556	581c	hm	HMMAP6
22557	581d	hm	HMMAP7
22558	581e	hm	HMMAP8
22559	581f	hm	HMMAP9
22560	5820	hm	HMMAP10
22561	5821	hm	HMMAP11
22562	5822	hm	HMMAP12
22563	5823	hm	HMMAP13
22564	5824	hm	HMMAP14
22565	5825	hm	HMMAP15
22566	5826	hm	HMMAP16
22567	5827	hm	HMMAP17
22568	5828	hm	HMMAP18
22569	5829	hm	HMMAP19
22570	582a	hm	HMMAP20
22571	582b	hm	HMMAP21
22572	582c	hm	HMMAP22
22573	582d	hm	HMMAP23
22574	582e	hm	HMMAP24
22575	582f	hm	HMMAP25
22576	5830	hm	HMMAP26
22577	5831	hm	HMMAP27
22578	5832	hm	HMMAP28
22579	5833	hm	HMMAP29
22580	5834	hm	HMRMAP00
22581	5835	hm	HMRMAP01
22582	5836	hm	HMRMAP02
22583	5837	hm	HMRMAP03
22584	5838	hm	HMRMAP04
22585	5839	hm	HMRMAP05
22586	583a	hm	HMRMAP06
22587	583b	hm	HMRMAP07
22588	583c	hm	HMRMAP08
22589	583d	hm	HMRMAP09
22590	583e	hm	HMOMTBLINK
22591	583f	hm	HMOMTBPARAM
22592	5840	hm	HMOMTDBERR
22593	5841	hm	HMOMTINVRC
22594	5842	hm	HMOMTOSRET
22595	5843	hm	HMOMTRELCK
22596	5844	hm	HMOMTDDERR
22597	5845	hm	HMOMTUNEXP
22598	5846	hm	HMOMTBDTMR
22599	5847	hm	HMRISA00
22600	5848	hm	HMRISA01
22601	5849	hm	HMRISA02
22602	584a	hm	HMRISA03
22603	584b	hm	HMRISA04
22604	584c	hm	HMRISA07
22605	584d	hm	HMRAS01
22606	584e	hm	HMRAS02
22607	584f	hm	HMRAS03
22608	5850	hm	HMRAS04
22609	5851	hm	HMRAS05
22610	5852	hm	HMRAS06
22611	5853	hm	HMRAS07
22612	5854	hm	HMRAS08
22613	5855	hm	HMRAS09
22614	5856	hm	HMRAS10

22615	5857	hm	HMRAS11
22616	5858	hm	HMRAS12
22617	5859	hm	HMRMP10
22618	585a	hm	HMRMP11
22619	585b	hm	HMRMP12
22620	585c	hm	HMRAS13
22621	585d	hm	HMRAS14
22622	585e	hm	HMRAS15
22623	585f	hm	HMRMP13
22624	5860	hm	HMRMP14
22625	5861	hm	HMRMP15
22700	58ac	nm	NMSP_ENTRY
22701	58ad	nm	NMTP_STUCK
22702	58ae	nm	NMAD_TGCDA
22703	58af	nm	NMAD_GTGDA
22704	58b0	nm	NMAD_EXRDA
22705	58b1	nm	NMAD_RTKGDB
22706	58b2	nm	NMAD_IVAR
22707	58b3	nm	NMAD_KEYTGC
22708	58b4	nm	NMCC_BADDATA
22709	58b5	nm	NMCC_NONODES
22710	58b6	nm	NMIMPDIGITS
22711	58b7	nm	NMFC_LINE
22712	58b8	nm	NMOFC_CODE
22713	58b9	nm	NMSTG_DB
22714	58ba	nm	NMSRTKG_DB
22715	58bb	nm	NMSBAD_TG
22716	58bc	nm	NMSACT_DD
22717	58bd	nm	NMMSGRSMS
22718	58be	nm	NMTKGRSMS
22719	58bf	nm	NMFCTRSMS
22720	58c0	nm	NMTKGISMS
22721	58c1	nm	NMTKGDSMS
22722	58c2	nm	NMMCLRSMS
22723	58c3	nm	NMIVAL_MSG
22724	58c4	nm	NMIVNM_SCH
22725	58c5	nm	NMTP_ENTRY
22726	58c6	nm	NMUNEXMSG
22727	58c7	nm	NM_OSAUBU
22728	58c8	nm	NM_OSRETC
22729	58c9	nm	NMILL_CMD
22730	58ca	nm	NM_OSILMSG
22731	58cb	nm	NM_OSINVFLD
22732	58cc	nm	NMIWCCARG
22733	58cd	nm	NMIWCHKARG
22734	58ce	nm	NMIWLINK
22735	58cf	nm	NMIWCHKLNK
22736	58d0	nm	NMIWDATA
22737	58d1	nm	NMNCDCARG
22738	58d2	nm	NMNCDCDATA
22739	58d3	nm	NMNCCHKARG
22740	58d4	nm	NMAD_DOCDA
22741	58d5	nm	NMRD_DCOFC
22742	58d6	nm	NMKY_ARC
22743	58d7	nm	NMCD_ARC
22744	58d8	nm	NMNOCTIMER
22745	58d9	nm	NMERRCTM
22746	58da	nm	NMQRYCHK
22747	58db	nm	NMQRYCNTL
22748	58dc	nm	NMQRYOVTBL
22749	58dd	nm	NMCCTIMEOUT
22750	58de	nm	NMCCBADPOL
22751	58df	nm	NMCCSMDATA
22752	58e0	nm	NMDSCCBADATA
22754	58e2	nm	NMBADRC
22755	58e3	nm	NMBADDATA
22756	58e4	nm	NMMSG_UNX
22757	58e5	nm	NMINSANE_PROC
22758	58e6	nm	NMLIDBOVFL
22759	58e7	nm	NMBADARG
22760	58e8	nm	NMBADCNTL
22761	58e9	nm	NMLDLSTOVFL

22762	58ea	nm	NMAD_TRDA
22763	58eb	nm	NMPVNERROR
22764	58ec	nm	NMSDNDSCC
22765	58ed	nm	NMLNDSCC
22766	58ee	nm	NMBADDSA
22767	58ef	nm	NMBADLEN
22777	58f9	nm	NMOPCCOVFL
22778	58fa	nm	NMOPCCERR
22793	5909	nm	NMCNAMERROR
22799	590f	nm	NMASPERROR
22803	5913	nm	NMNOPTLA
22809	5919	nm	NMDDRFail
22900	5974	pc	PCSTOP
22901	5975	pc	PCLINKPROB
22902	5976	pc	PCDATAPROB
22903	5977	pc	PCOSDSPROB
22904	5978	pc	PCFGERROR
22905	5979	pc	PCJBSPROB
22906	597a	pc	PCLMCDB
22907	597b	pc	PCBGTRNER
22908	597c	pc	PCOPNRELER
22909	597d	pc	PCENDTRNER
22910	597e	pc	PCOSSEND
22911	597f	pc	PCBADPARAM
22912	5980	pc	PCLOSTTIMER
22913	5981	pc	PCTSIPOB
22914	5982	pc	PCCBCRDUMP
22915	5983	pc	PCDPTSB
22916	5984	pc	PCLCCPT
22917	5985	pc	PCDISPIDB
22918	5986	pc	PCDSLEQ
22919	5987	pc	PCLCHPT
22920	5988	pc	PCDDFLINK
22921	5989	pc	PCFPTCH
22922	598a	pc	PCDDPB
22923	598b	pc	PCCILCSMSK
22924	598c	pc	PCTDBOWN
22925	598d	pc	PCMTBFE
22926	598e	pc	PCCKTDATA
22927	598f	pc	PCMDPATH
22928	5990	pc	PCRG2CCBCOM
22929	5991	pc	PCLOSS_TBL
22930	5992	pc	PCARG
22931	5993	pc	PCDPB_DALB
22932	5994	pc	PCNODSL
22933	5995	pc	PCQCLRD
22934	5996	pc	PCDDALB
22935	5997	pc	PCDEFAULT
22936	5998	pc	PCDDSCC
22937	5999	pc	PCAPMAPBAD
22938	599a	pc	PCDCCCM
22939	599b	pc	PCDCCCR
22940	599c	pc	PCOSLNTH
22941	599d	pc	PCDCHAN
22942	599e	pc	PCDCHDB
22943	599f	pc	PCDGSDB
22944	59a0	pc	PCDTONE
22945	59a1	pc	PCDHLSC
22946	59a2	pc	PCDUTD
22947	59a3	pc	PCOPLOSS
22948	59a4	pc	PCDSGDB
22949	59a5	pc	PCDCKTD
22950	59a6	pc	PCDPORT
22951	59a7	pc	PCDPHDB
22952	59a8	pc	PCDTSDB
22953	59a9	pc	PCLNKDALB
22954	59aa	pc	PCLSLNK
22955	59ab	pc	PCDCDBCOM
22956	59ac	pc	PCDUBHC
22957	59ad	pc	PCDCBHC
22958	59ae	pc	PCLNKPLS
22959	59af	pc	PCDCQB

22960	59b0	pc	PCMCDSCSTYPE
22961	59b1	pc	PCMCRLPTC
22962	59b2	pc	PCMCMUSG
22963	59b3	pc	PCMCTMTB
22964	59b4	pc	PCMCLMTB
22965	59b5	pc	PCMCTRM TB
22966	59b6	pc	PCACDBCOM
22967	59b7	pc	PCATONE
22968	59b8	pc	PCASMEST
22969	59b9	pc	PCADSCC
22970	59ba	pc	PCACHAN
22971	59bb	pc	PCAHLS
22972	59bc	pc	PCGETPCBLA
22973	59bd	pc	PCGETPICB
22974	59be	pc	PCFCPORT
22975	59bf	pc	PCGETTONE
22976	59c0	pc	PCGETCBHC
22977	59c1	pc	PCGETCCB
22978	59c2	pc	PCGETCHDB
22979	59c3	pc	PCGETGSDB
22980	59c4	pc	PCGETUBHC
22981	59c5	pc	PCGETCDB
22982	59c6	pc	PCGETDPB
22983	59c7	pc	PCGETCQB
22984	59c8	pc	PCGETPTSB
22985	59c9	pc	PCISDCCFG
22987	59cb	pc	PCBADDT
22988	59cc	pc	PCGETPHDB
22989	59cd	pc	PCPTSBDUMP
22990	59ce	pc	PCGETPTLA
22991	59cf	pc	PCMVEPROC
22992	59d0	pc	PCGETTSDB
22993	59d1	pc	PCGETCHAN
22995	59d3	pc	PCLCBGS
22996	59d4	pc	PCLCCSNK
22997	59d5	pc	PCLCCPH
22998	59d6	pc	PCLPCCC
22999	59d7	pc	PCLPCPH
23000	59d8	pc	PCLPHTS
23001	59d9	pc	PCLCCCD
23002	59da	pc	PCMVBGATT
23003	59db	pc	PCMVLSDPH
23004	59dc	pc	PCLCCSRC
23005	59dd	pc	PCLCCCQ
23006	59de	pc	PCLSRCCC
23007	59df	pc	PCLCHCD
23008	59e0	pc	PCLSNKCC
23009	59e1	pc	PCLCDCH
23010	59e2	pc	PCLUBCH
23011	59e3	pc	PCNODTP
23012	59e4	pc	PCSCADCON
23013	59e5	pc	PCFTDCON
23015	59e7	pc	PCACBGS
23016	59e8	pc	PCACCSNK
23017	59e9	pc	PCACCPH
23018	59ea	pc	PCAPCCC
23019	59eb	pc	PCAPCPH
23020	59ec	pc	PCDSPDCON
23021	59ed	pc	PCACCCD
23022	59ee	pc	PCNOTINSP
23023	59ef	pc	PCACDCQ
23024	59f0	pc	PCACCSRC
23025	59f1	pc	PCACCCQ
23026	59f2	pc	PCASRCCC
23027	59f3	pc	PCACHCD
23028	59f4	pc	PCASNKCC
23029	59f5	pc	PCACDCH
23030	59f6	pc	PCAUBCH
23031	59f7	pc	PCATSPH
23032	59f8	pc	PCAPCPO
23033	59f9	pc	PCAPOPC
23034	59fa	pc	PCDHTU2RSM

23035	59fb	pc	PCOWNPROB
23036	59fc	pc	PCLMCCB
23037	59fd	pc	PCDCOND
23038	59fe	pc	PCLPCCPLR
23039	59ff	pc	PCLMCPLR
23040	5a00	pc	PCLMTSDB
23041	5a01	pc	PCLMCHDB
23042	5a02	pc	PCLMPHTS
23043	5a03	pc	PCBADPDESC
23044	5a04	pc	PCBRVLN
23045	5a05	pc	PCOSWAKE
23046	5a06	pc	PCLPHSNK
23047	5a07	pc	PCLPHSRC
23048	5a08	pc	PCAPHPC
23049	5a09	pc	PCAPHCC
23050	5a0a	pc	PCAPHSNK

10. 5E13 Numeric Index: 23051-23610

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23051	5a0b	pc	PCAPHSRC
23052	5a0c	pc	PCASNKPH
23053	5a0d	pc	PCASRCPH
23054	5a0e	pc	PCAPHDB
23055	5a0f	pc	PCABGTIMER
23056	5a10	pc	PCBADTRGT
23058	5a12	pc	PCSPCPH
23059	5a13	pc	PCSPHSNK
23060	5a14	pc	PCSPHSRC
23061	5a15	pc	PCSOSEND
23062	5a16	pc	PCSDATAPROB
23063	5a17	pc	PCINVBONOP
23064	5a18	pc	PCBADMSG
23065	5a19	pc	PCBADREASON
23066	5a1a	pc	PCS3PFAIL
23067	5a1b	pc	PCSPCCC
23068	5a1c	pc	PCSCCPH
23069	5a1d	pc	PCSCCCH
23070	5a1e	pc	PCCPTSDATA
23072	5a20	pc	PCHTINDUMP
23073	5a21	pc	PCCCBTMR
23074	5a22	pc	PCOUTSCH
23075	5a23	pc	PCDACCBTMR
23076	5a24	pc	PCDAOOUTSCH
23077	5a25	pc	PCBADGCK
23078	5a26	pc	PCBGCKTI
23079	5a27	pc	PCUTPCPO
23081	5a29	pc	PCUTCCCH
23091	5a33	pc	PCBADLUTYPE
23092	5a34	pc	PCDT1USG
23093	5a35	pc	PCMTBS96
23094	5a36	pc	PCS96SHELF
23095	5a37	pc	PCDS96ABSIG
23096	5a38	pc	PCDRTS_HCN
23097	5a39	pc	PCATSDB
23098	5a3a	pc	PCDRSMCHAN
23099	5a3b	pc	PCMPHDTO
23100	5a3c	pc	PCSLCCSRC
23101	5a3d	pc	PCDMDATT
23102	5a3e	pc	PCDS96DFI
23103	5a3f	pc	PCDS96BASE
23104	5a40	pc	PCDRTS_RTS
23105	5a41	pc	PCDICL_MSK
23106	5a42	pc	PCDPF_SLCP
23107	5a43	pc	PCCHANGONE
23108	5a44	pc	PCAUHLPG
23109	5a45	pc	PCBADNOOWN
23110	5a46	pc	PCNUSIG
23111	5a47	pc	PCNUHRWD
23112	5a48	pc	PCNOISTRM
23113	5a49	pc	PCNOFTBN

23114	5a4a	pc	PCTEDB
23115	5a4b	pc	PCDDFNBLNK
23116	5a4c	pc	PCDDFNIBBLE
23117	5a4d	pc	PCDDFMAP
23118	5a4e	pc	PCDMNBSTAT
23119	5a4f	pc	PCNUDBERR
23120	5a50	pc	PCPSPT_GP
23121	5a51	pc	PCPSX25LN
23122	5a52	pc	PCPSTRUNKS
23123	5a53	pc	PCLAPBSUB
23124	5a54	pc	PCDLIN
23125	5a55	pc	PCDPBX
23127	5a57	pc	PCLS6_LNK
23129	5a59	pc	PCLK6DATA
23130	5a5a	pc	PCCNDERROR
23131	5a5b	pc	PCDGRP_RI
23132	5a5c	pc	PCRI_DGRP
23133	5a5d	pc	PCISMANBUS
23134	5a5e	pc	PCPSX75TRK
23138	5a62	pc	PCFCHPT
23139	5a63	pc	PCFPCDA
23141	5a65	pc	PCODPSOP
23142	5a66	pc	PCPSL2THRS
23143	5a67	pc	PCPSTRK_L2
23144	5a68	pc	PCPQCLRD
23145	5a69	pc	PCTEILA
23146	5a6a	pc	PCPHDATAPROB
23147	5a6b	pc	PCLGRPMEM
23148	5a6c	pc	PCBADTMSLNK
23156	5a74	pc	PCTBLNOMTCH
23157	5a75	pc	PCUXPCPID
23158	5a76	pc	PCTSDBBITBAD
23159	5a77	pc	PCUSRCPH
23160	5a78	pc	PCCDBPURGE
23161	5a79	pc	PC1PCBLA
23162	5a7a	pc	PCDQPHPIPE
23163	5a7b	pc	PCACCBCH
23164	5a7c	pc	PCUPHSNK
23165	5a7d	pc	PCSMC7RCG_INV
23166	5a7e	pc	PCFPTPT
23167	5a7f	pc	PCDSL_EQ_CRFT
23168	5a80	pc	PCPSUPIDB_CRFT
23169	5a81	pc	PC1CCSNK
23170	5a82	pc	PCBADSGLIST
23171	5a83	pc	PCPHDB_BAD_EVENT
23172	5a84	pc	PCDBRCSDALB
23173	5a85	pc	PCQCLRED
23174	5a86	pc	PCQCLREP
23175	5a87	pc	PCINVUSER
23176	5a88	pc	PCBAD_NTSTATE
23177	5a89	pc	PCDEA_ALLOW
23178	5a8a	pc	PCCHKUDSL
23179	5a8b	pc	PCCSO_NT
23180	5a8c	pc	PCPSL3TRKG
23181	5a8d	pc	PCINVMUSIC
23182	5a8e	pc	PCBADMTPTBL
23183	5a8f	pc	PCPTMTPLNK
23184	5a90	pc	PCSMTPCCPH
23185	5a91	pc	PCLCCDS
23186	5a92	pc	PCLCHDS
23187	5a93	pc	PCLDSCH
23188	5a94	pc	PCDIDS1
23189	5a95	pc	PCDIDPIDB
23190	5a96	pc	PCLDSCC
23192	5a98	pc	PCLPTDS
23193	5a99	pc	PCLDSPT
23194	5a9a	pc	PCDDS0B
23195	5a9b	pc	PCDS12RT
23196	5a9c	pc	PCRT2DS1
23198	5a9e	pc	PCDPIDB_PT
23199	5a9f	pc	PCDS1_PT
23200	5aa0	pc	PCINVMANN

23201	5aa1	pc	PCINVMTRK
23202	5aa2	pc	PCMTPCBLAERR
23203	5aa3	pc	PCINVPHSNKDS
23204	5aa4	pc	PCCKTPORT
23205	5aa5	pc	PCRT_LAPD
23206	5aa6	pc	PCRTILA
23207	5aa7	pc	PCRTL
23208	5aa8	pc	PCAPDU
23209	5aa9	pc	PCMALLOC
23210	5aaa	pc	PCRTMSGBUF
23211	5aab	pc	PCPSBADDATA
23212	5aac	pc	PCPSBADPARM
23213	5aad	pc	PC_RBLIM
23214	5aae	pc	PCBADMALLOC
23215	5aaf	pc	PCBADFREE
23216	5ab0	pc	PCAUURTEILA
23217	5ab1	pc	PCAUURTL
23218	5ab2	pc	PCAUAPDU
23219	5ab3	pc	PCAUAMALLOC
23220	5ab4	pc	PCAUURMSGBUF
23222	5ab6	pc	PCAUPCBLA
23223	5ab7	pc	PCCMRSAPDU
23224	5ab8	pc	PCCOMMSG
23225	5ab9	pc	PCK2CKMSG
23226	5aba	pc	PCSUMSG
23231	5abf	pc	PCDUNIT_CKT
23232	5ac0	pc	PCDLNK_USE
23233	5ac1	pc	PCINVNPMSG
23235	5ac3	pc	PCD303RT2DS1
23236	5ac4	pc	PCIDPORT
23238	5ac6	pc	PCRTMISC
23239	5ac7	pc	PCS96EQP
23240	5ac8	pc	PCUNIT_CKT
23241	5ac9	pc	PCUNITDATA
23242	5aca	pc	PCPORTLA
23246	5ace	pc	PCEBSTATE
23247	5acf	pc	PCEBSPRET
23248	5ad0	pc	PCEBFGER
23249	5ad1	pc	PCDRSMNTS
23250	5ad2	pc	PCANGCCB
23251	5ad3	pc	PCANGACT
23252	5ad4	pc	PCANGDEACT
23253	5ad5	pc	PCDANGNACT
23254	5ad6	pc	PCDANGDEACT
23255	5ad7	pc	PCRLSNGDEACT
23256	5ad8	pc	PCUNEXACT
23257	5ad9	pc	PCUNEXDACT
23258	5ada	pc	PCDGNGCCB
23259	5adb	pc	PCVPANGCCB
23260	5adc	pc	PCVPANGT_C
23261	5add	pc	PCDANGT_C
23262	5ade	pc	PCDGNGTTRANS
23263	5adf	pc	PCNGVPA_STAT
23264	5ae0	pc	PCACTNG_T_C
23265	5ae1	pc	PCNACT
23266	5ae2	pc	PCNDACT
23267	5ae3	pc	PCDRSM2HTU
23268	5ae4	pc	PCDMMOPDB
23269	5ae5	pc	PCDAS_MON
23270	5ae6	pc	PCDLS_MON
23271	5ae7	pc	PCDGLSHIST
23272	5ae8	pc	PCDDSC3PIDB
23273	5ae9	pc	PCMHPIPE
23274	5aea	pc	PCAUDPB
23275	5aeb	pc	PCRCGBAD
23276	5aec	pc	PCCGDS
23277	5aed	pc	PCDMHPIPE
23278	5aee	pc	PCINVLD_DATA
23279	5aef	pc	PCBADTONE
23280	5af0	pc	PCCLOP_TONE
23281	5af1	pc	PC_PTDATA
23282	5af2	pc	PC_FCPORT

23283	5af3	pc	PC_CKDATA
23284	5af4	pc	PCCKRDFL
23285	5af5	pc	PCINSGDB
23286	5af6	pc	PCBADPIDBTS
23287	5af7	pc	PCDNLI_LNK
23289	5af9	pc	PCNOMASTER
23290	5afa	pc	PCDQPORT
23291	5afb	pc	PCQPHPIPE_ERR
23292	5afc	pc	PCCREATEFAIL
23293	5afd	pc	PCINVBURGENT
23295	5aff	pc	PCPRISTAT
23296	5b00	pc	PCPRIDALB
23297	5b01	pc	PCLNKAPDU
23298	5b02	pc	PCAUDALB
23299	5b03	pc	PCCCSQFAIL
23300	5b04	pc	PCINVPGM
23306	5b0a	pc	PCDESTROY
23307	5b0b	pc	PCMH_UNIT
23308	5b0c	pc	PCDMH_UNIT
23309	5b0d	pc	PCDVPIDB_F
23310	5b0e	pc	PCVPIDB_F
23311	5b0f	pc	PCUNKTSKTYTYP
23312	5b10	pc	PCLBINPRG
23313	5b11	pc	PCINMODE
23314	5b12	pc	PCDLNK_PLI
23315	5b13	pc	PCLNK_PLI
23316	5b14	pc	PCUNITMH
23317	5b15	pc	PCPTDBOWN
23318	5b16	pc	PCDPLI_LNK
23319	5b17	pc	PCUNEXP_DATA
23320	5b18	pc	PCCQBGONE
23321	5b19	pc	PCACCCPC
23322	5b1a	pc	PCDBRDFAIL
23323	5b1b	pc	PCDCCBCOM
23330	5b22	pc	PCGDSFPICBERR
23331	5b23	pc	PCGQINDXOOR
23332	5b24	pc	PCMBOXBAD
23333	5b25	pc	PCINVGMBOX
23334	5b26	pc	PCINVALREPLY
23335	5b27	pc	PCLCGSSMASK
23336	5b28	pc	PCDAIGSDB
23337	5b29	pc	PCDGSLK
23338	5b2a	pc	PCINVCKTNM
23341	5b2d	pc	PCMTBADSDND
23342	5b2e	pc	PCMTUNKSND
23343	5b2f	pc	PCBADPMH
23344	5b30	pc	PCAUULLM_RDT
23345	5b31	pc	PCRDT2UNIT
23346	5b32	pc	PCUNIT2RDT
23347	5b33	pc	PCDCKT2GRP
23348	5b34	pc	PCDF_VPIDB
23349	5b35	pc	PCF_VPIDB
23350	5b36	pc	PCDAPP2TSP
23351	5b37	pc	PCDTSP2APP
23352	5b38	pc	PCDRDTCPDAT
23353	5b39	pc	PCDRDT2UNIT
23354	5b3a	pc	PCXRDTCPDAT
23356	5b3c	pc	PCCHKUCFG
23357	5b3d	pc	PCDTRCUPATH
23358	5b3e	pc	PCAUUNIT2RDT
23500	5bcc	rta	RTAUNONE
23501	5bcd	rta	RTAUTKQUE
23502	5bce	rta	RTAUTKOWNER
23503	5bcf	rta	RTTMBLT
23504	5bd0	rta	RTAULNSTAT
23505	5bd1	rta	RTAULGLNSTAT
23506	5bd2	rta	RTAURTMHG
23507	5bd3	rta	RTAUCKTDATA
23508	5bd4	rta	RTAUPCBLA
23509	5bd5	rta	RTFACMISSING
23510	5bd6	rta	RTAUPORTLA
23511	5bd7	rta	RTAULGSFSTAT

23512	5bd8	rta	RTRT_SFG
23513	5bd9	rta	RTRDLNSTAT
23514	5bda	rta	RTDEFSFG
23515	5bdb	rta	RTAUSFSTAT
23516	5bdc	rta	RTAUTKSTAT
23517	5bdd	rta	RTAULGTKSTAT
23518	5bde	rta	RTAURTTRKG
23519	5bdf	rta	RTAURTMUPH
23520	5be0	rta	RTAUDESTROY
23521	5be1	rta	AURAST21
23522	5be2	rta	RTAURCVMSG
23523	5be3	rta	RTSCALTM
23524	5be4	rta	RTSCFLTM
23525	5be5	rta	RTQUOGTOS
23526	5be6	rta	RTRTMWCF
23527	5be7	rta	RTAUDLTSBDB
23528	5be8	rta	RTAULTSTAT
23529	5be9	rta	RTLTSBPORT
23530	5bea	rta	RTICRDBERR
23532	5bec	rta	RTAUQUOGTOS
23533	5bed	rta	RTAUQOOGT
23534	5bee	rta	RTAUQMOGT
23535	5bef	rta	RTSCRLTM
23536	5bf0	rta	RTSDALTM
23537	5bf1	rta	RTICITK
23539	5bf3	rta	RTIECP_BAD
23540	5bf4	rta	RTPSBILLDN
23541	5bf5	rta	RTPSRIPSN
23542	5bf6	rta	RTSLEPROCERR
23543	5bf7	rta	RTFCTRUNK
23544	5bf8	rta	RTMSGBAD
23545	5bf9	rta	RTDATABAD
23546	5bfa	rta	RTINSTFAC
23547	5bfb	rta	RTPVCINF
23548	5bfc	rta	RTSLELENGTHERR
23549	5bfd	rta	RTSLEDEFAULT
23550	5bfe	rta	RTPVCFCL_BAD
23551	5bff	rta	RTPVCRDN
23552	5c00	rta	RT_NOISMPH
23553	5c01	rta	ARCRTCF1
23554	5c02	rta	RTOFFICE
23555	5c03	rta	RTPSMHG
23556	5c04	rta	RTPSPRT
23557	5c05	rta	ARCRTCF2
23558	5c06	rta	RTISATMP
23559	5c07	rta	RTPTTOGP
23560	5c08	rta	RTFCPTYP
23561	5c09	rta	RTAAR_GP
23562	5c0a	rta	RTATHPRT
23563	5c0b	rta	RTPRIGRP
23564	5c0c	rta	RTPRIFACS
23565	5c0d	rta	RTASP_LTM
23566	5c0e	rta	RTNS_TRIG
23567	5c0f	rta	RTAUCPLR
23568	5c10	rta	RTILACDT
23569	5c11	rta	RTBREQ_INV
23570	5c12	rta	RTCTVRWRG
23571	5c13	rta	RTATTMBL
23572	5c14	rta	RTINHUNTKEYS
23573	5c15	rta	RTINKEYLIST
23574	5c16	rta	RTINTRKG
23575	5c17	rta	RTINTKOWNER
23576	5c18	rta	RTINTKSTAT
23577	5c19	rta	RTINLGTKSTAT
23578	5c1a	rta	RTINQKEYPORT
23579	5c1b	rta	RTINPRT_GRP
23580	5c1c	rta	RTINTQUE
23581	5c1d	rta	RTINTOWNQUE
23582	5c1e	rta	RTINMHG
23583	5c1f	rta	RTINLNSTAT
23584	5c20	rta	RTINLGLNSTAT
23585	5c21	rta	RTDEFMLHG

23586	5c22	rta	RTDEFTRKG
23587	5c23	rta	RTDEFQKEYPRT
23588	5c24	rta	RTDEFHUNTTYP
23589	5c25	rta	RTINRTMUPHST
23590	5c26	rta	RTAUQM_MLHG
23591	5c27	rta	RTAUQO_MLHG
23592	5c28	rta	RTMCTR
23593	5c29	rta	RTAUPOSDB
23594	5c2a	rta	RTINTRARSM
23595	5c2b	rta	RTSFGCOR
23596	5c2c	rta	RTDELFAC
23597	5c2d	rta	RTPPFAC1
23598	5c2e	rta	RTIDSIDLE
23599	5c2f	rta	RTMODATT
23600	5c30	rta	RTINNQM_MLHG
23601	5c31	rta	RTINQO_MLHG
23602	5c32	rta	RTINQU_OS
23603	5c33	rta	RTAUDPB
23604	5c34	rta	RTAUDALB
23605	5c35	rta	RTINQM_OGT
23606	5c36	rta	RTINQO_OGT
23607	5c37	rta	RTINQT_OGTOS
23608	5c38	rta	RTPG_TERM_LP
23609	5c39	rta	RTRMSFAIL
23610	5c3a	rta	RTBTMREQ

11. 5E13 Numeric Index: 23611-23980

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23611	5c3b	rta	RTAMUXMG
23612	5c3c	rta	RTAMBMSG
23613	5c3d	rta	RTGPSF
23614	5c3e	rta	RTTG
23615	5c3f	rta	RTINSPRT_GP
23616	5c40	rta	RTAUBRCSDB
23617	5c41	rta	RTAULTMSTAT
23618	5c42	rta	RTAUTEDB
23619	5c43	rta	RTRTSATLN
23620	5c44	rta	RTSMFACUP
23621	5c45	rta	RTAUATTH_BLF
23622	5c46	rta	RTAUATTM_BLF
23623	5c47	rta	RTAULDAT_BLF
23624	5c48	rta	RTAUMODH_BLF
23625	5c49	rta	RTAUMODM_BLF
23626	5c4a	rta	RTAUREPLYBLF
23627	5c4b	rta	RTMASK_BLF
23628	5c4c	rta	RTMONI_BLF
23629	5c4d	rta	RTRTDNMOD
23630	5c4e	rta	RTTREE_BLF
23631	5c4f	rta	RTRDLGLNSTAT
23632	5c50	rta	RTINISATUCD
23633	5c51	rta	RTAUQO_ICI
23634	5c52	rta	RTAUQ_ISAT
23635	5c53	rta	RTATGRP
23636	5c54	rta	RTBKYPM
23637	5c55	rta	RTICRSTERR
23638	5c56	rta	RTICRLSTERR
23639	5c57	rta	RTICRERR
23640	5c58	rta	RTICRLG_S_SFG
23641	5c59	rta	RTICRS_LG_SFG
23642	5c5a	rta	RTICRMGAMA
23643	5c5b	rta	RTICRMGERR
23644	5c5c	rta	RTICRPCBLA
23645	5c5d	rta	RTDSLEQP
23646	5c5e	rta	RTAUDMDISPDB
23647	5c5f	rta	RTAUDMBRCSDB
23648	5c60	rta	RTAUDMDALB
23649	5c61	rta	RTINMEM
23650	5c62	rta	RTINLGMEM
23651	5c63	rta	RTAUTEILA
23652	5c64	rta	RTACSOPT

23653	5c65	rta	RTASOPCGB
23654	5c66	rta	RTIVGLASS
23655	5c67	rta	RTGPRMLASS
23656	5c68	rta	RTIVLASSACS
23657	5c69	rta	RTFCLINE
23658	5c6a	rta	RTFCTRK
23659	5c6b	rta	RTFEATBN
23660	5c6c	rta	RTGPTOPT
23661	5c6d	rta	RTHNTKYS
23662	5c6e	rta	RTICMTRM
23663	5c6f	rta	RTCHRGIDXEXP
23664	5c70	rta	RTCLIDAT
23665	5c71	rta	RTSCRNING
23666	5c72	rta	RTRTROUTING
23667	5c73	rta	RTNSFMAP
23668	5c74	rta	RT_ICR
23669	5c75	rta	RTICXICI
23670	5c76	rta	RTIDPACT
23671	5c77	rta	RTIDPGP
23672	5c78	rta	RTIDPPRT
23673	5c79	rta	RTISACOF
23674	5c7a	rta	RTISTGRP
23675	5c7b	rta	RTISTLMT
23676	5c7c	rta	RTISTMBR
23677	5c7d	rta	RTISTMOD
23678	5c7e	rta	RTISDTGS
23679	5c7f	rta	RTISCCOF
23680	5c80	rta	RTISTGDX
23681	5c81	rta	RTISMBLS
23682	5c82	rta	RTISLINE
23683	5c83	rta	RTISTERM
23684	5c84	rta	RTLPT_PT
23685	5c85	rta	RTLPTSPD
23686	5c86	rta	RTLTSBPT
23687	5c87	rta	RTMSKBLF
23688	5c88	rta	RTMHGCF
23689	5c89	rta	RT_NAIL_UP
23690	5c8a	rta	RTOFFCDE
23691	5c8b	rta	RTPFSLCP
23692	5c8c	rta	RTPP_CF
23693	5c8d	rta	RTPPLTM
23694	5c8e	rta	RTPPTRUNK
23695	5c8f	rta	RTEDSLGPRT
23696	5c90	rta	RTPOLY
23697	5c91	rta	RTRTPPSCRN
23698	5c92	rta	RTSPECRI
23699	5c93	rta	RTILHB
23700	5c94	rta	RTRT_MHG
23701	5c95	rta	RT_FIXRI
23702	5c96	rta	RTPSX25LN
23703	5c97	rta	RTODPSOP
23704	5c98	rta	RTRT_TRKG
23705	5c99	rta	RTLTM_PORT
23706	5c9a	rta	RTSCM_NSCM
23707	5c9b	rta	RTEXMCBSZ
23708	5c9c	rta	RTCOMPFAIL
23709	5c9d	rta	RTCNDATA
23710	5c9e	rta	RTREASON
23711	5c9f	rta	RTNOTKQ
23712	5ca0	rta	RTBADHTYP
23713	5ca1	rta	RTRKMOD
23714	5ca2	rta	RTOLHB
23715	5ca3	rta	RTLPTYFAIL
23716	5ca4	rta	RTARCRBKFL
23717	5ca5	rta	RTEDN
23718	5ca6	rta	RTRCTK1GR
23719	5ca7	rta	RTDBRD_FAIL
23720	5ca8	rta	RTMSG_INV
23721	5ca9	rta	RTUNKWN_MSG
23722	5caa	rta	RTRCTK2GR
23723	5cab	rta	RTRCTK3GR
23724	5cac	rta	RTRCDLT1

23725	5cad	rta	RTRCDLT2
23726	5cae	rta	RTRCDFI1
23727	5caf	rta	RTRCDFI2
23728	5cb0	rta	RTRCDFI3
23729	5cb1	rta	RTRCITK1
23730	5cb2	rta	RTRCITK2
23731	5cb3	rta	RTRCITK3
23732	5cb4	rta	RTRCITK4
23733	5cb5	rta	RTRCTGR1
23734	5cb6	rta	RTRCTGR2
23735	5cb7	rta	RTRCTGR3
23736	5cb8	rta	RTRCRLG1
23737	5cb9	rta	RTPREC_LEV
23738	5cba	rta	RTPRM_TYPE_UNK
23739	5cbb	rta	RTILLSTCHG
23740	5cbc	rta	RTRLFC_PORTTYP
23741	5cbd	rta	RTTMPPORTCOND
23743	5cbf	rta	RTDAFFCOPC_INV
23744	5cc0	rta	RTDAFSPOPC_INV
23745	5cc1	rta	RTASRT01
23746	5cc2	rta	RTASRT02
23747	5cc3	rta	RTASRT03
23748	5cc4	rta	RTASRT04
23749	5cc5	rta	RTASRT05
23750	5cc6	rta	RTASRT06
23751	5cc7	rta	RTFL_DBRD
23752	5cc8	rta	RTINV_PARAM
23753	5cc9	rta	RTRCRLG2
23754	5cca	rta	RTRCRLG3
23755	5ccb	rta	RTRCAFI1
23756	5ccc	rta	RTNO_PRIQ
23757	5ccd	rta	RTSND_MSG_FL
23758	5cce	rta	RTQTYT_INV
23759	5ccf	rta	RTRTSEQ_INV
23760	5cd0	rta	RTDD1ALNK
23761	5cd1	rta	RTDD2ALNK
23762	5cd2	rta	RTAMLNKER
23763	5cd3	rta	RTUNKORIG
23764	5cd4	rta	RTUNKSTAT
23765	5cd5	rta	RTUNKMFIL
23766	5cd6	rta	RTDD1IMAB
23767	5cd7	rta	RTDD2IMAB
23768	5cd8	rta	RTQTYPE
23769	5cd9	rta	RTCMDTYPE
23771	5cdb	rta	RTFEATNOTSUP
23772	5cdc	rta	RTDD1SMAB
23773	5cdd	rta	RTSMNT
23774	5cde	rta	RTDD1STF
23775	5cdf	rta	RTFCAUTH
23776	5ce0	rta	RTCAMPPORT
23777	5ce1	rta	RTCLMATEQ
23778	5ce2	rta	RTTEPUCLMA
23779	5ce3	rta	RTOFHFPAP
23780	5ce4	rta	RTOFHPTYP
23781	5ce5	rta	RTONHPTYP
23782	5ce6	rta	RTONHPFAP
23783	5ce7	rta	RTP_EPTYPE
23784	5ce8	rta	RTP_EPTYPE
23785	5ce9	rta	RTRRCOS
23786	5cea	rta	RTBADMATE
23787	5ceb	rta	RTBADRTSTATE
23788	5cec	rta	RTACB_DBRDFL
23789	5ced	rta	RTNO_GPORT
23790	5cee	rta	RTBV_DBRDFL
23791	5cef	rta	RTPTYP_RDFL
23792	5cf0	rta	RTBVNOT_LD
23793	5cf1	rta	RTGTNOT_LD
23794	5cf2	rta	RTDLTNOT_LD
23795	5cf3	rta	RTPF_DBRDFL
23796	5cf4	rta	RTRTNOT_LD
23797	5cf5	rta	RTFID_NO_MATCH
23798	5cf6	rta	RTRAFTNOT_LD

23799	5cf7	rta	RTTMT_DBRDFL
23800	5cf8	rta	RTATH_RLID
23801	5cf9	rta	RTGI_BAD_DATA
23802	5cfa	rta	RTUEXP_RET
23803	5cfb	rta	RTMP_UEXP_RET
23804	5cfc	rta	RTRB_UEXP_RET
23805	5cfd	rta	RTRINORMS_D3
23806	5cfe	rta	RTRIBAD_RET
23807	5cff	rta	RTRIINV_RET
23808	5d00	rta	RTNORMS_D3
23809	5d01	rta	RTRIRET_BAD
23810	5d02	rta	RTRNCBAD_RET
23811	5d03	rta	RTGENSCA
23812	5d04	rta	RTGENSCF
23813	5d05	rta	RTGENSCR
23814	5d06	rta	RTGENSDA
23815	5d07	rta	RTLSFSCA
23816	5d08	rta	RTLSFSCF
23817	5d09	rta	RTLSFSCR
23818	5d0a	rta	RTLSFSDA
23819	5d0b	rta	RTLSFHCA
23820	5d0c	rta	RTLSFHCF
23821	5d0d	rta	RTLSFHCR
23822	5d0e	rta	RTLSFHDA
23823	5d0f	rta	RTDNFEAT
23824	5d10	rta	RTDNBFG
23825	5d11	rta	RTTG_CF
23826	5d12	rta	RTRT_DNTRAN
23827	5d13	rta	RTRTDNMHG
23828	5d14	rta	RTLSF_CF
23829	5d15	rta	RTSHTERM
23830	5d16	rta	RTHI_CF
23831	5d17	rta	RTTG2ATT
23832	5d18	rta	RTUCLPMP
23833	5d19	rta	RTPHOOS1
23834	5d1a	rta	RT_WRONGMSG
23835	5d1b	rta	RTWRONG_RET
23836	5d1c	rta	RTTMBLST
23837	5d1d	rta	RTISTMBLST
23838	5d1e	rta	RTRCAFI2
23839	5d1f	rta	RTRMBLST
23840	5d20	rta	RTAUBADR
23841	5d21	rta	RTINPPLNST
23842	5d22	rta	RTINPPLLNST
23843	5d23	rta	RTINPPTKST
23844	5d24	rta	RTINPPLTKST
23845	5d25	rta	RTISRMBLST
23846	5d26	rta	RTRMBLST
23847	5d27	rta	RT_ISRMBLST
23848	5d28	rta	RT_BIKYPM
23849	5d29	rta	RTE9_PSAP
23850	5d2a	rta	RTRT_TGBL
23851	5d2b	rta	RTSFGINV
23852	5d2c	rta	RTE9BADOP
23853	5d2d	rta	RTBADESNE9
23854	5d2e	rta	RTBADBMAPE9
23855	5d2f	rta	RTE9INVMSG
23856	5d30	rta	RTDUINTERR
23857	5d31	rta	RTDUDALOG
23858	5d32	rta	RTEDSLTRKG
23859	5d33	rta	RTBOSSERR
23860	5d34	rta	RTDNVTERR
23861	5d35	rta	RTLASSMSG
23862	5d36	rta	RTE9BADSFG
23863	5d37	rta	RTRT_MCRT
23864	5d38	rta	RTTRMFAT
23865	5d39	rta	RTATCF
23866	5d3a	rta	RTID_PORT
23867	5d3b	rta	RTACCT_GP
23868	5d3c	rta	RTRT_MEM
23869	5d3d	rta	RT_LGMEM
23870	5d3e	rta	RTNTSRV1

23871	5d3f	rta	RTNTSRV2
23872	5d40	rta	RTNTSESPP
23873	5d41	rta	RTPREWL
23874	5d42	rta	RTTODAM1
23875	5d43	rta	RTTODSM1
23876	5d44	rta	RTTRIGWL
23877	5d45	rta	RTLTSBCW
23878	5d46	rta	RTLTSBDB
23879	5d47	rta	RTLTSBSPP
23880	5d48	rta	RTPTTOLP
23881	5d49	rta	RTAUNLTSTAT
23882	5d4a	rta	RTRCLTSB
23883	5d4b	rta	RTAUDNLTSBDB
23884	5d4c	rta	RTCAMAI1
23885	5d4d	rta	RTCAMAI2
23886	5d4e	rta	RTCMSUS1
23887	5d4f	rta	RTCMSUS2
23888	5d50	rta	RTCAMAQ1
23889	5d51	rta	RTCAMAQ2
23890	5d52	rta	RTONISTA
23891	5d53	rta	RTRSMCAM
23892	5d54	rta	RTSTATC1
23893	5d55	rta	RTSTATC2
23894	5d56	rta	RTMSGCAMA
23895	5d57	rta	RTJ071_1
23896	5d58	rta	RTJ071_2
23897	5d59	rta	RTJ071_3
23898	5d5a	rta	RTJ071_4
23899	5d5b	rta	RTFTRKEY
23900	5d5c	rta	RTRT_TGID
23901	5d5d	rta	RTRTDNMPG
23902	5d5e	rta	RTMAIN
23903	5d5f	rta	RTRTGIN1
23904	5d60	rta	RTUPLAMP
23905	5d61	rta	RTIMMSGC
23906	5d62	rta	RTISATC1
23907	5d63	rta	RTISATC2
23908	5d64	rta	RTMGPRC1
23909	5d65	rta	RTGENIN1
23910	5d66	rta	RTGENIN2
23911	5d67	rta	RTAMINT1
23912	5d68	rta	RTGENDS1
23913	5d69	rta	RTNWDSC1
23914	5d6a	rta	RTTMMMSG1
23915	5d6b	rta	RTTMMMSG2
23916	5d6c	rta	RTTERMG1
23917	5d6d	rta	RTACBMG1
23918	5d6e	rta	RTBUSYF1
23919	5d6f	rta	RTCREAT2
23920	5d70	rta	RTAUNCKTDATA
23921	5d71	rta	RTBVBCH1
23922	5d72	rta	RTTERM1SPP
23923	5d73	rta	RTCREAT1
23924	5d74	rta	RTFAILM1
23925	5d75	rta	RTGENTM1
23926	5d76	rta	RTIDLEF1
23927	5d77	rta	RTLINETM
23928	5d78	rta	RTSPAWN1
23929	5d79	rta	RTTERM2SPP
23930	5d7a	rta	RTAU4PCBLA
23931	5d7b	rta	RTAU4PORTLA
23932	5d7c	rta	RTTERM3SPP
23933	5d7d	rta	RTTERM8SPP
23934	5d7e	rta	RTTERM4SPP
23935	5d7f	rta	RTTERM9SPP
23936	5d80	rta	RTTERM5SPP
23937	5d81	rta	RTTERM6SPP
23938	5d82	rta	RTTERM7SPP
23939	5d83	rta	RTRTGIN2
23940	5d84	rta	RTNUSPP1
23941	5d85	rta	RTNUSPP2
23942	5d86	rta	RTNUSPP4

23943	5d87	rta	RTNUSPP3
23944	5d88	rta	RTNUCON1
23945	5d89	rta	RTNUCON2
23946	5d8a	rta	RTNUROU1
23947	5d8b	rta	RTNUSDF1
23948	5d8c	rta	RTS96DFI
23949	5d8d	rta	RTNUSMS1
23950	5d8e	rta	RTNUSMS2
23951	5d8f	rta	RTNUSMS4
23952	5d90	rta	RTNUSMS3
23953	5d91	rta	RTNUSMT1
23954	5d92	rta	RTNUSMT2
23955	5d93	rta	RTNUMON1
23956	5d94	rta	RTAUNPORTLA
23957	5d95	rta	RTAU3PORTLA
23958	5d96	rta	RTARCB1
23959	5d97	rta	RTARCB2
23960	5d98	rta	RTARCHNT
23961	5d99	rta	RTARCTG1
23962	5d9a	rta	RTAUNRTMHG
23963	5d9b	rta	RTAUICITK
23964	5d9c	rta	RTARCSP1
23965	5d9d	rta	RTARCSP2
23966	5d9e	rta	RTARCSP3
23967	5d9f	rta	RTDNRTG1
23968	5da0	rta	RTDNRTG2
23969	5da1	rta	RTQKEYPT
23970	5da2	rta	RTUNBATERR
23971	5da3	rta	RTSFGSERR
23972	5da4	rta	RTOUTSAERR
23973	5da5	rta	RTBCERR
23974	5da6	rta	RTUPDHKYS
23975	5da7	rta	RTCF_LTM
23976	5da8	rta	RTE9_BADDN
23977	5da9	rta	RTINMUPH
23978	5daa	rta	RTST2VPIDB
23979	5dab	rta	RTBFGPORT
23980	5dac	rta	RTWBTBLOCK

12. 5E13 Numeric Index: 23981-24700

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23981	5dad	rta	RTCKTDATA
23982	5dae	rta	RTSEADREQ
23983	5daf	rta	RTFSMOOR
23984	5db0	rta	RTFSBHTYP
23985	5db1	rta	RTPDBDCNT
23986	5db2	rta	RTRERRBC
23987	5db3	rta	RTDSLSP
23988	5db4	rta	RTATHTRG
23989	5db5	rta	RTTRACSRC
23990	5db6	rta	RTCCSV1
23991	5db7	rta	RTPCINT1
23992	5db8	rta	RTJMPTS1
23993	5db9	rta	RTREHNT2
23994	5dba	rta	RTREHNT3
23995	5dbb	rta	RTMSUSP1
23996	5dbc	rta	RTMSUSP2
23997	5dbd	rta	RTMSUSP3
23998	5dbe	rta	RTMSUSP4
23999	5dbf	rta	RTTMDSC1
24000	5dc0	rta	RTTMPST1
24001	5dc1	rta	RTTMINT1
24002	5dc2	rta	RTPDNTR1
24003	5dc3	rta	RTPSTDN1
24004	5dc4	rta	RTPSTDN2
24005	5dc5	rta	RTTKMEM1
24006	5dc6	rta	RTTKBSY1
24007	5dc7	rta	RTNMPSTHTFAIL
24008	5dc8	rta	RTTKHNT1
24009	5dc9	rta	RTTKHNT2

24010	5dca	rta	RTTKSPR1
24011	5dcb	rta	RTBFMLG1
24012	5dcc	rta	RTLNDQU1
24013	5dcd	rta	RTLNQST1
24014	5dce	rta	RTLNQST2
24015	5dcf	rta	RTLNQST3
24016	5dd0	rta	RTMLGDP1
24017	5dd1	rta	RTMLGHT1
24018	5dd2	rta	RTRTGCM2
24019	5dd3	rta	RTADDTQ1
24020	5dd4	rta	RTENQTM1
24021	5dd5	rta	RTOFHEQ1
24022	5dd6	rta	RTRBKPS1
24023	5dd7	rta	RTRBKPS2
24024	5dd8	rta	RTTKIDL1
24025	5dd9	rta	RTTKQCN1
24026	5dda	rta	RTTKQSL1
24027	5ddb	rta	RTQKYST1
24028	5ddc	rta	RTTKFST1
24029	5ddd	rta	RTTKQMS1
24030	5dde	rta	RTTKQUP1
24031	5ddf	rta	RTAPVBHT
24032	5de0	rta	RTAPVBPT
24033	5de1	rta	RTAPBBHT
24034	5de2	rta	RTIPVBHT
24035	5de3	rta	RTIPVBPT
24036	5de4	rta	RTRERTBM
24037	5de5	rta	RTQDLAPB
24038	5de6	rta	RTDGCXV
24039	5de7	rta	RTOFHKE1
24040	5de8	rta	RTOFHKE3
24041	5de9	rta	RTONHKE1
24042	5dea	rta	RTROUTBP
24043	5deb	rta	RTRQBCR1
24044	5dec	rta	RTUPER1
24045	5ded	rta	RTUPER2
24046	5dee	rta	RTDRVER1
24047	5def	rta	RTDRVER2
24048	5df0	rta	RTATHRRL
24049	5df1	rta	RTBGRPBH
24050	5df2	rta	RTDSHBHT
24051	5df3	rta	RTEHKBSA
24052	5df4	rta	RTHKSUBBS
24053	5df5	rta	RTHKFCORC
24054	5df6	rta	RTHKBHKT
24055	5df7	rta	RTHKBKST
24056	5df8	rta	RTIGPBHT
24057	5df9	rta	RTISDBST
24058	5dfa	rta	RTISHBAC
24059	5dfb	rta	RTISHBHT
24060	5dfc	rta	RTMBYBHT
24061	5dfd	rta	RTMDLBHT
24062	5dfe	rta	RTPTAVOOR
24063	5dff	rta	RTPTABHT
24064	5e00	rta	RTPTABPT
24065	5e01	rta	RTPTBOOR
24066	5e02	rta	RTPTBBHT
24067	5e03	rta	RTPTBBPT
24068	5e04	rta	RTPTBRC
24069	5e05	rta	RTSCFBPT
24070	5e06	rta	RTSCFBHT
24071	5e07	rta	RTSFSBHT
24072	5e08	rta	RTSHTBHT
24073	5e09	rta	RTTKSBHT
24074	5e0a	rta	RTUPIOOR
24075	5e0b	rta	RTUPUCBS
24076	5e0c	rta	RTBSYMLG
24077	5e0d	rta	RTIDLES1
24078	5e0e	rta	RTIDLES2
24079	5e0f	rta	RTIDLES3
24080	5e10	rta	RTSEL6P1
24081	5e11	rta	RTSFGST1

24082	5e12	rta	RTSFREL1
24083	5e13	rta	RTSFGSV1
24084	5e14	rta	RTADDLQ1
24085	5e15	rta	RTADDLQ2
24086	5e16	rta	RTAUNQM_MLHG
24087	5e17	rta	RTCRTQT1
24088	5e18	rta	RTCRTQT2
24089	5e19	rta	RTCUSPI1
24090	5e1a	rta	RTAUNQO_MLHG
24091	5e1b	rta	RTAU3QM_MLHG
24092	5e1c	rta	RTDQALG1
24093	5e1d	rta	RT3QO_ICI
24094	5e1e	rta	RTDQALG2
24095	5e1f	rta	RT2QO_ICI
24096	5e20	rta	RT2INQO_MLHG
24097	5e21	rta	RT2Q_ISAT
24098	5e22	rta	RTISATS1
24099	5e23	rta	RTLMPST1
24100	5e24	rta	RTLMPUD1
24101	5e25	rta	RTLMPUD2
24102	5e26	rta	RTMKLNQ1
24103	5e27	rta	RTQTWLS1
24104	5e28	rta	RTHKCMP
24105	5e29	rta	RTCONVR1
24106	5e2a	rta	RTDSNTK1
24107	5e2b	rta	RTINPPS1
24108	5e2c	rta	RTMINSA1
24109	5e2d	rta	RTPPSCR1
24110	5e2e	rta	RTPPBTF1
24111	5e2f	rta	RTPPBSY1
24112	5e30	rta	RTPPHNT1
24113	5e31	rta	RTPPSET1
24114	5e32	rta	RTPPSET2
24115	5e33	rta	RTRCPPS2
24116	5e34	rta	RTSETSA1
24117	5e35	rta	RTREPLY1
24118	5e36	rta	RTAUNTEDB
24119	5e37	rta	RTSNDTG1
24120	5e38	rta	RTSNDTG2
24121	5e39	rta	RTSTATH1
24122	5e3a	rta	RTSTATH2
24123	5e3b	rta	RTBLFCL1
24124	5e3c	rta	RTBLFCL2
24125	5e3d	rta	RTBLFCL3
24126	5e3e	rta	RTBLFCL4
24127	5e3f	rta	RTBLFCL5
24128	5e40	rta	RTBLFCL6
24129	5e41	rta	RTBLFMA1
24130	5e42	rta	RTBLFMG1
24131	5e43	rta	RTBTNHN1
24132	5e44	rta	RTBTNHN2
24133	5e45	rta	RTBTNHN3
24134	5e46	rta	RTINSBF1
24135	5e47	rta	RTINSBF2
24136	5e48	rta	RTINSBF3
24137	5e49	rta	RTAUNPCBLA
24138	5e4a	rta	RTAUNTEILA
24139	5e4b	rta	RTAU3PCBLA
24140	5e4c	rta	RTAUNLTMSTAT
24141	5e4d	rta	RTMCATE1
24142	5e4e	rta	RTMCAOF1
24143	5e4f	rta	RTMCAOF2
24144	5e50	rta	RTISDN1SPP
24145	5e51	rta	RTISDN2SPP
24146	5e52	rta	RTISDN3SPP
24147	5e53	rta	RTISDN4SPP
24148	5e54	rta	RTISDN5SPP
24149	5e55	rta	RTISDN6SPP
24150	5e56	rta	RTISDN7SPP
24151	5e57	rta	RTISDN8SPP
24152	5e58	rta	RTISDN9SPP
24153	5e59	rta	RTISDN10SPP

24154	5e5a	rta	RTISDN11SPP
24155	5e5b	rta	RTISDN12SPP
24156	5e5c	rta	RTISDN13SPP
24157	5e5d	rta	RTISDN14SPP
24158	5e5e	rta	RTISDN15SPP
24159	5e5f	rta	RTISDN16SPP
24160	5e60	rta	RTISDN17SPP
24161	5e61	rta	RTAUNLGTKSTAT
24162	5e62	rta	RTISDN18SPP
24163	5e63	rta	RTISDN19SPP
24164	5e64	rta	RTATCNTMSK
24165	5e65	rta	RTINVTRKG
24166	5e66	rta	RTFCPCOS
24167	5e67	rta	RTINSAG1
24168	5e68	rta	RTINPSSA
24169	5e69	rta	RTPSINSA
24170	5e6a	rta	RTTAISP
24171	5e6b	rta	RTBLFMA2
24172	5e6c	rta	RTBLFMA3
24173	5e6d	rta	RTBLFMA4
24174	5e6e	rta	RTBLFMA5
24175	5e6f	rta	RTBLFMA6
24176	5e70	rta	RTE9_CFBADDN
24177	5e71	rta	RTPSÄPISLINE
24178	5e72	rta	RTPSAPRTMHG
24179	5e73	rta	RTBCLCF
24180	5e74	rta	RTBCLGCNT
24181	5e75	rta	RTBCLGRP
24182	5e76	rta	RTBCLLCNT
24183	5e77	rta	RTBCLLTM
24184	5e78	rta	RTBCLMHTG
24185	5e79	rta	RTBCLOPTS
24186	5e7a	rta	RTSHDNLENERR
24187	5e7b	rta	RTICMLST
24188	5e7c	rta	RTMDRSFG
24189	5e7d	rta	COUXPMMSG
24190	5e7e	rta	COREASON
24191	5e7f	rta	COBADPARM
24192	5e80	rta	COUXPOSR
24193	5e81	rta	COBADHEAD
24194	5e82	rta	COLSTLIST
24195	5e83	rta	COUNLINK
24196	5e84	rta	CORELINK
24197	5e85	rta	COIMCOSTAT
24198	5e86	rta	COTHCOSTAT
24199	5e87	rta	COMODATT
24200	5e88	rta	CORECOSTAT
24201	5e89	rta	COSTCOSTAT
24202	5e8a	rta	COCPIMCOST
24203	5e8b	rta	COCPHOST
24204	5e8c	rta	COHMERROR
24205	5e8d	rta	CORTMHG
24206	5e8e	rta	CODSLEQUIP
24207	5e8f	rta	COPXS25LN
24208	5e90	rta	COTRGFAIL
24209	5e91	rta	RTCICEX
24210	5e92	rta	RTSPCHTRKG
24211	5e93	rta	RTINVWBRATE
24212	5e94	rta	RTINVHTTYPE
24213	5e95	rta	RTACDPD1
24214	5e96	rta	RTACDPD2
24215	5e97	rta	RTACDQC1
24216	5e98	rta	RTACDQC2
24217	5e99	rta	RTACDQC3
24218	5e9a	rta	RTACDQC4
24219	5e9b	rta	RTACDQR1
24220	5e9c	rta	RTGENTM2
24221	5e9d	rta	RTPSTDN3
24222	5e9e	rta	RTACDMG1
24223	5e9f	rta	RTINVTSA
24224	5ea0	rta	RTWSFSV
24225	5ea1	rta	RTWSFCERR

24226	5ea2	rta	RTMRSP
24227	5ea3	rta	RTMRTIMER
24228	5ea4	rta	RTMR_UEXP_MSG
24229	5ea5	rta	RTISATLMPUP
24230	5ea6	rta	RTTGLTM
24231	5ea7	rta	RTRT_DTRTX
24232	5ea8	rta	RTRT_WBRTX
24233	5ea9	rta	RTPSU_TRKG
24234	5eaa	rta	RTMSGQFULL
24235	5eab	rta	RTTGFAISSING
24236	5eac	rta	RTUEXP_SFG
24237	5ead	rta	RTANI_MISSING
24238	5eae	rta	RTLNEONSFG
24239	5eaf	rta	RTTGEONSFG
24240	5eb0	rta	RTINVEONSFG
24241	5eb1	rta	RTTDR_TP
24242	5eb2	rta	RTTDR_UXMSG
24243	5eb3	rta	RTTDR_INV_INTVL
24244	5eb4	rta	RTTSMTRING
24245	5eb5	rta	RT_TSMBADMSG
24246	5eb6	rta	RTASPOTNST
24247	5eb7	rta	RTCGA_STAT
24248	5eb8	rta	RTLNK_PLI
24249	5eb9	rta	RTTSMBTN
24250	5eba	rta	RTTDR_RTI
24251	5ebb	rta	RTFRBC_SVC
24252	5ebc	rta	RTRTLIST
24600	6018	si	SIAUBDMS
24601	6019	si	SIINBDMS
24602	601a	si	SIIMBDMS
24603	601b	si	SIOCBOMS
24604	601c	si	SIWAITER
24605	601d	si	INBADLOGRF
24606	601e	si	MSBDSIMS
24607	601f	si	SIINMSLG
24608	6020	si	MSBDSITP
24609	6021	si	SIIMMSLG
24610	6022	si	MSBDSIRN
24611	6023	si	SIOCMSLG
24612	6024	si	INTSMINTERNAL
24613	6025	si	MCCBADIND
24614	6026	si	MCCBADPHR
24615	6027	si	MCCBADSTAT
24616	6028	si	MCCBADPCR
24617	6029	si	BADDDTRG
24618	602a	si	MCCBADRSN
24619	602b	si	SIDDFAIL
24620	602c	si	FLOW_ERR
24621	602d	si	INBSTESEQ
24622	602e	si	INERAPB
24625	6031	si	INPRIGRP
24626	6032	si	INDBRET
24627	6033	si	INMSTYPE
24628	6034	si	INGRPTGET
24629	6035	si	INGRCKTGET
24630	6036	si	INGRPBGET
24631	6037	si	INGRPXGET
24632	6038	si	INGRCXGET
24633	6039	si	INGRCMSG
24635	603b	si	INERTCPL
24636	603c	si	INERGPAX
24637	603d	si	INESMINT
24638	603e	si	INETMPSI
24639	603f	si	SIFLASHUPD
24640	6040	si	INECOMBD
24641	6041	si	INEUTYP
24642	6042	si	INECFAIL
24643	6043	si	INBADMHNUM
24645	6045	si	INERCRECORD
24646	6046	si	INERMDRQ
24647	6047	si	INEORXPT
24648	6048	si	INACAERR

24649	6049	si	INRTFAIL
24650	604a	si	INMBUFTYP
24651	604b	si	INMICOST
24653	604d	si	INMDFRQ
24654	604e	si	INPUQERR
24655	604f	si	INPRTGRP
24656	6050	si	INTRKGRP
24657	6051	si	INIMNOMSG
24658	6052	si	INLNKPLIERR
24659	6053	si	INBADTYPE
24660	6054	si	INSMIAERR
24661	6055	si	INCPLHDER
24662	6056	si	INSMCRERR
24663	6057	si	INBRTNVAL
24664	6058	si	INBTIMEVAL
24665	6059	si	INBDFREASON
24666	605a	si	INBLOCALVAR
24667	605b	si	INBSTATE
24668	605c	si	INBADINPUT
24669	605d	si	INBRSLTFLD
24670	605e	si	INBSTEORTYPE
24671	605f	si	INTYPEFAIL
24672	6060	si	INSFPTFAIL
24673	6061	si	INSFRET
24674	6062	si	INUNREASON
24675	6063	si	INUNREQTYPE
24676	6064	si	INUN_REQ
24677	6065	si	INBACTORSLT
24678	6066	si	INBNXTACT
24679	6067	si	INE_ESC
24680	6068	si	INRETGEN
24682	606a	si	INERSDAP
24683	606b	si	INDFTYPE
24684	606c	si	IMALCGSSFL
24685	606d	si	INERACRECORD
24686	606e	si	INDBFINER
24688	6070	si	INDAGSPLPO
24689	6071	si	INBDBGS5CAL
24690	6072	si	INPTDFRQ
24691	6073	si	INENDFRQ
24693	6075	si	INIDTMBW
24694	6076	si	INIDS1
24695	6077	si	INUNITREAD
24696	6078	si	INSMESTREAD
24697	6079	si	INIDTMIC
24698	607a	si	INIDTMIR
24699	607b	si	INBOSMODE
24700	607c	si	INBTRANS

13. 5E13 Numeric Index: 24701-25340

ERROR CODE	PRM CODE	RANGE	MNEMONIC
24701	607d	si	INBSEQU
24702	607e	si	INBSEQINPUT
24703	607f	si	INBUNBLOCK
24704	6080	si	INBUNSDRET
24705	6081	si	INBINSYNCH
24706	6082	si	INSYNFULL
24707	6083	si	INBCHKIN
24708	6084	si	INBAIMDATA
24709	6085	si	INERDDW
24710	6086	si	INWPBSSFL
24711	6087	si	INWPODDFL
24712	6088	si	INIDTMIW
24713	6089	si	INIDTMPs
24714	608a	si	INJBTRREQERR
24717	608d	si	INAIU_ERROR
24718	608e	si	INAIUMTERR
24719	608f	si	INAIUISPA
24720	6090	si	INERWCTX
24723	6093	si	INERQVST

24724	6094	si	INERTAGH
24725	6095	si	INRSMCHAN
24726	6096	si	INRSMNTS
24727	6097	si	INSATRNFAIL
24728	6098	si	INSABMSG
24729	6099	si	INSASTATE
24730	609a	si	INSABTIME
24731	609b	si	INSARTAIN
24732	609c	si	INSARTAOUT
24735	609f	si	INIDTSBOS
24736	60a0	si	INIDTSBSM
24737	60a1	si	INIDTSEFC
24738	60a2	si	INIDTSICR
24739	60a3	si	INIDTSIWS
24740	60a4	si	INIDTSSMR
24741	60a5	si	INIDTSUMR
24742	60a6	si	INIDTSUPS
24743	60a7	si	INIDTSURC
24744	60a8	si	IMBADRSCTYPE
24745	60a9	si	OCBADPID
24747	60ab	si	INEROSPS
24749	60ad	si	INGRDGET
24750	60ae	si	INGRDLINK
24751	60af	si	INGRINTERNAL
24752	60b0	si	INGRPC
24753	60b1	si	INGRTSI
24754	60b2	si	INBADCR
24755	60b3	si	ININVMMSGTYP
24756	60b4	si	ININVSTIM
24757	60b5	si	INBADPCRID
24758	60b6	si	INBADOFF
24759	60b7	si	INBADDDREAD
24760	60b8	si	INBADDDWRITE
24761	60b9	si	INCLIDAT
24762	60ba	si	INMODATT
24763	60bb	si	INDBREASON
24764	60bc	si	IMASTMFEX
24765	60bd	si	IMASTLFEX
24769	60c1	si	DTFETE
24770	60c2	si	INMATATT
24771	60c3	si	INERBFMSG
24772	60c4	si	IMRSCFEX
24775	60c7	si	IMAETEIN
24776	60c8	si	IMARCTRG
24777	60c9	si	IMAPMPIN
24778	60ca	si	IMALCMUP
24779	60cb	si	IMAPBMUP
24780	60cc	si	IMASTLCNT
24781	60cd	si	IMASTSPP
24782	60ce	si	IMASTCRT
24783	60cf	si	IMALCMFL
24784	60d0	si	IMAPBMFL
24785	60d1	si	SIBADUNIT
24786	60d2	si	IMAEBIT2
24787	60d3	si	IMABDCASE
24788	60d4	si	IMABDHST
24789	60d5	si	IMAPMPFL
24790	60d6	si	IMASTIMG
24791	60d7	si	INISPARTN
24792	60d8	si	IMRSCRCVY
24793	60d9	si	INISPHTO
24794	60da	si	SISMESTFL
24795	60db	si	IMAPCDSP
24796	60dc	si	IMASACP0
24797	60dd	si	IMASACP1
24798	60de	si	IMBD_DQLNK_MSG
24799	60df	si	IMAOCNUTS
24800	60e0	si	IMARTSPP
24801	60e1	si	IMAIMSPP
24802	60e2	si	IMAMRASPP
24803	60e3	si	IMBSSWP
24804	60e4	si	IMODDWP

24805	60e5	si	IMACDQMRCVY
24806	60e6	si	IMQMCLLTQ
24807	60e7	si	IMQMSRVTM
24808	60e8	si	IMQMBDFRD
24809	60e9	si	INPHSTATUS
24810	60ea	si	INPORTLA
24811	60eb	si	OCSSNDER
24812	60ec	si	SIODSFALL
24813	60ed	si	OCOVLDERR
24814	60ee	si	INOSBDSITYPE
24815	60ef	si	INEROAP
24816	60f0	si	INOSDFBDFRD
24817	60f1	si	DTWRTERR
24818	60f2	si	INTSDATA
24820	60f4	si	INOSBDPCBL
24826	60fa	si	SIOMTDBERR
24834	6102	si	SIFPSPBADREA
24835	6103	si	SIFPTPBADREA
24836	6104	si	SIIMWPINV
24838	6106	si	INOSPSL3
24839	6107	si	OCBADLPHN
24840	6108	si	OCSMDTRD
24841	6109	si	OCRLGETER
24842	610a	si	OCOSSNDER
24843	610b	si	INIDSBADRET
24844	610c	si	INIDSARGBAD
24845	610d	si	INIDSDTFailure
24847	610f	si	INIDSPACKAGE
24848	6110	si	INIDSREASONBAD
24849	6111	si	INIDSPTYPEBAD
24853	6115	si	INERTEDB
24854	6116	si	INERCOIN
24855	6117	si	INERBRCSDB
24856	6118	si	INERLTMSTAT
24857	6119	si	INERDISPDB
24858	611a	si	INERPPSAST
24859	611b	si	INERSCMDB
24860	611c	si	INERADB
24861	611d	si	INERBLFDB
24862	611e	si	INERATTDB
24863	611f	si	INERCBDB
24864	6120	si	INPCBCOIN
24865	6121	si	OCMSGID
24866	6122	si	OCDTREAD
24867	6123	si	INNS_TN
24871	6127	si	INERICRST
24872	6128	si	INEROTINIT
24874	612a	si	OCDDRDERR
24875	612b	si	OCDDWTERR
24876	612c	si	OCHMERR
24884	6134	si	OCUNKSITP
24886	6136	si	INERMSU
24887	6137	si	INERCNDA
24888	6138	si	INERLHBS
24889	6139	si	INERDBCN
24890	613a	si	GRMATESTP
24891	613b	si	GRTRCFail
24892	613c	si	GRMATEFAIL
24893	613d	si	GRINVLPRT
24895	613f	si	INERCLDB
24896	6140	si	INERMDB
24897	6141	si	INPSUUI
24898	6142	si	INLTSTAT
24899	6143	si	INLTSBDB
24900	6144	si	SIOATYP
24901	6145	si	INERNSDB
24903	6147	si	INERSRV
24905	6149	si	INERCVST
24906	614a	si	INGRCIWRF
24907	614b	si	INGRCIRDF
24908	614c	si	INGRNOXPT
24909	614d	si	INGRNOPIDB

24910	614e	si	INGRCKTDATA
24911	614f	si	OCSMRDERR
24913	6151	si	INGRDFINUM
24914	6152	si	DDBADNCT
24915	6153	si	DDBADTRIG
24918	6156	si	DDIMMAP
24919	6157	si	DDIMCTS
24921	6159	si	INGROPFAIL
24922	615a	si	INGRTSIT1F
24923	615b	si	IMASTDBRC
24924	615c	si	DDBADCASE
24926	615e	si	IMDACHKRSC
24929	6161	si	IMINV_CMP
24930	6162	si	SIGLCLOFFSET
24931	6163	si	INERE911DB
24932	6164	si	INFHBADTS
24933	6165	si	INFHOSBCAST
24934	6166	si	DDREASERR
24935	6167	si	DDBADOS
24936	6168	si	DDIMMSG
24937	6169	si	DDIMSTIM
24938	616a	si	DDBADTIMER
24939	616b	si	DDCPMSG
24940	616c	si	DDCPSTIM
24947	6173	si	INSYNCHTO
24948	6174	si	INRTCONFIG
24949	6175	si	INERLSCMDB
24952	6178	si	INERBCLA
24953	6179	si	INERBCGA
24954	617a	si	INERSTPDB
24955	617b	si	INERNS_IDX
24956	617c	si	INERTN_INFO
24957	617d	si	INERNS_BILL
24959	617f	si	INPICBERR
24960	6180	si	INCCBERR
24961	6181	si	INCHDBERR
24962	6182	si	INCDBERR
24963	6183	si	INPORTDATA
24964	6184	si	INREASERR
24965	6185	si	INFHBRMSG
24966	6186	si	INFHBSMSG
24967	6187	si	INFHUMSG
24968	6188	si	INFHBSTATE
24969	6189	si	INFHSPPAS
24970	618a	si	INFHTSMMSG
24971	618b	si	INFHBSLOTS
24973	618d	si	INFHNOMATCH
24974	618e	si	INFHDDFAIL
24975	618f	si	INERAUTO
24976	6190	si	INEROATA
24977	6191	si	INERACCS
24978	6192	si	INERTEILA
24979	6193	si	INERDALB
24981	6195	si	INMATEFAILTSM
24982	6196	si	INMATESTPTSM
24983	6197	si	INOFLDATATSM
24988	619c	si	SIOLINOOR
24998	61a6	si	SIOLIMHOG
25001	61a9	si	INPIDBERR
25005	61ad	si	IMTITELPW
25007	61af	si	SIMGTPCREATE
25012	61b4	si	INBDPTNM
25013	61b5	si	INLINKUSE
25014	61b6	si	INERACDI
25015	61b7	si	INERTATDB
25016	61b8	si	INERCCSSTPDB
25017	61b9	si	SIZAPRNGERR
25018	61ba	si	SIZAPINIT
25200	6270	smim	SMBADDBRET
25201	6271	smim	SMBADUTYPE
25202	6272	smim	SMBADMSGTYPE
25203	6273	smim	SMBADINPUT

25204	6274	smim	SMBADUNIT
25205	6275	smim	SMNOFIU
25206	6276	smim	SMMSGTYPEBAD
25207	6277	smim	SMBADFLTTYPE
25208	6278	smim	SMDBFLT1
25209	6279	smim	SMDBFLT2
25210	627a	smim	SMASDFRA
25211	627b	smim	SMCKTRCLK
25212	627c	smim	SMCIERRT
25213	627d	smim	SMTSIDBF
25214	627e	smim	SMPARFAIL
25215	627f	smim	SMTSIBUT
25216	6280	smim	SMCLERROR
25217	6281	smim	SMABTREQ
25218	6282	smim	SMCNDB0
25219	6283	smim	SMCNDB1
25220	6284	smim	SMCNDB2
25221	6285	smim	SMCNDB3
25222	6286	smim	SMBADACT
25223	6287	smim	SMCNDB4
25224	6288	smim	SMCNBSTE
25225	6289	smim	SMRDMATE
25226	628a	smim	SMUPMATE
25227	628b	smim	SMRDACT
25228	628c	smim	SMUPACT
25229	628d	smim	SMPRMRA
25230	628e	smim	SMINVCKT
25231	628f	smim	SMIADSCC
25232	6290	smim	SMIAILACT
25233	6291	smim	SMIAILQUAL
25234	6292	smim	SMIAHDWREL
25235	6293	smim	SMIACTDAT
25236	6294	smim	SMIADSUIMG
25237	6295	smim	SMIACTYPE
25238	6296	smim	SMIAFUPTUP
25239	6297	smim	SMIAOPAD
25240	6298	smim	SMIAMCNT
25241	6299	smim	SMIAILBIT
25242	629a	smim	SMIAILNAME
25243	629b	smim	SMIAEST
25244	629c	smim	SMIABGNT
25245	629d	smim	SMIAOPNR
25246	629e	smim	SMIAUPTUP
25247	629f	smim	SMIARDNXT
25248	62a0	smim	SMIAILBLK
25249	62a1	smim	SMIAILSIDE
25250	62a2	smim	SMIAILBNAME
25251	62a3	smim	SMIAHDWDAT
25252	62a4	smim	SMIADLINM
25253	62a5	smim	SMIAILSUB
25254	62a6	smim	SMIARDFST
25255	62a7	smim	SMIANOEST
25256	62a8	smim	SMIAILUNIT
25257	62a9	smim	SMIAILSTATE
25258	62aa	smim	SMIAILCQ
25259	62ab	smim	SMCRCLOB
25260	62ac	smim	SMCRLEVEL
25261	62ad	smim	SMCRCOUNT
25262	62ae	smim	SMCRELEV
25263	62af	smim	SMCRBEND
25264	62b0	smim	SMDSNODSU
25265	62b1	smim	SMDSNEQIP
25266	62b2	smim	SMDSNOPER
25267	62b3	smim	SMDSILRCVY
25268	62b4	smim	SMDSERTYPE
25270	62b6	smim	SMDSCOUNT
25271	62b7	smim	SMDSOOS
25272	62b8	smim	SMDSTSI
25273	62b9	smim	SMDSTMTTF
25274	62ba	smim	SMDSCTYPE
25275	62bb	smim	SMDS2RCVY
25276	62bc	smim	SMDSTMNAME

25277	62bd	smim	SMDSTTFSUB
25278	62be	smim	SMRADBW
25279	62bf	smim	SMRADBR
25280	62c0	smim	SMRAPRQ
25281	62c1	smim	SMRAPRL
25282	62c2	smim	SMRAPCB
25283	62c3	smim	SMRARTA
25284	62c4	smim	SMRATM
25285	62c5	smim	SMRAHDW
25286	62c6	smim	SMRAHID
25287	62c7	smim	SMRAOS
25288	62c8	smim	SMRAMSG
25289	62c9	smim	SMRAUID
25290	62ca	smim	SMRAVB
25291	62cb	smim	SMRAXRF
25292	62cc	smim	SMRAQUE
25293	62cd	smim	SMRAPM
25294	62ce	smim	SMDSUTSSR
25295	62cf	smim	SMDSPDBATY
25296	62d0	smim	SMCRNOBEG
25297	62d1	smim	SMUNKRCVY
25298	62d2	smim	SMIACKTEST
25299	62d3	smim	SMIAUPEST
25300	62d4	smim	SMMCNTFLT
25301	62d5	smim	SMDBFLT
25302	62d6	smim	SMBGNTRN
25303	62d7	smim	SMOPNREL
25304	62d8	smim	SMSENDMSG
25305	62d9	smim	SMGMSG
25306	62da	smim	SMCREATE
25307	62db	smim	SMACTFLD
25308	62dc	smim	SMMSGREC
25309	62dd	smim	SMMSGTRE
25310	62de	smim	SMILINAM
25311	62df	smim	SMHMMMSG
25312	62e0	smim	SMOFF1NRM
25313	62e1	smim	SMPIDB1RA
25314	62e2	smim	SMPIDB1EA
25315	62e3	smim	SMPIDB2EA
25316	62e4	smim	SMGETNSFLT
25317	62e5	smim	SMPIDB2RA
25318	62e6	smim	SMPALWOOS
25319	62e7	smim	SMMALWOOS
25320	62e8	smim	SMGDXBESTR
25321	62e9	smim	SMRACPS
25322	62ea	smim	SMCLERR1
25323	62eb	smim	SMCLERR2
25324	62ec	smim	SMCLERR3
25325	62ed	smim	SMCLERR4
25326	62ee	smim	SMCLERR5
25327	62ef	smim	SMMANINHERR
25328	62f0	smim	SMAUTOINHERR
25329	62f1	smim	SMALLNOTDONE
25330	62f2	smim	SMREASERR
25331	62f3	smim	SMDDWTHWCK
25332	62f4	smim	SMDDRDRHWCK
25333	62f5	smim	SMIMMBUR
25334	62f6	smim	SMRPICKT
25335	62f7	smim	SMRPRIIDL
25336	62f8	smim	SMRPPIRES
25337	62f9	smim	SMRPIMSG
25338	62fa	smim	SMRPISRA
25339	62fb	smim	SMDCCOUNT
25340	62fc	smim	SMDCILRCVY

14. 5E13 Numeric Index: 25341-25900

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25341	62fd	smim	SMDCERTYPE
25342	62fe	smim	SMCANTSEND
25343	62ff	smim	SMBADMRA_ACK

25344	6300	smim	SMOSWPROB
25345	6301	smim	SMPORTLA
25346	6302	smim	SMPSRCNT
25347	6303	smim	SMPSRSMST
25348	6304	smim	SMPSUSMST
25349	6305	smim	SMPSOSSND
25350	6306	smim	SMPSRCVNV
25351	6307	smim	SMPSCKTNV
25352	6308	smim	SMPSENV
25353	6309	smim	SMISPIDB_NO
25354	630a	smim	SMBADPAR
25355	630b	smim	SMNOPSIUPIDB
25356	630c	smim	SMPRGDGN
25357	630d	smim	SMBADTIMER
25358	630e	smim	SMPTSBAD
25359	630f	smim	SMTBLBAD
25360	6310	smim	SMUNKRQST
25361	6311	smim	SMDFUNLKTS
25362	6312	smim	SMBADMCSTATE
25363	6313	smim	SMWREASON
25364	6314	smim	SMOPERTST
25365	6315	smim	SMDPSMSEND
25366	6316	smim	SMDPAMSEND
25367	6317	smim	SMDPUPDFAIL
25368	6318	smim	SMDPMISSING
25369	6319	smim	SMDPWRONG
25370	631a	smim	SMDPTIMER
25371	631b	smim	SMDPWAIT
25372	631c	smim	SMDPCREATE
25373	631d	smim	SMLOCK_ERROR
25374	631e	smim	SMDPTPSEND
25375	631f	smim	SMDPDDFAIL
25376	6320	smim	SMMRA_DBRR
25377	6321	smim	SMDPBCAST
25378	6322	smim	SMCHDBRSM
25379	6323	smim	SMINVPNPT
25380	6324	smim	SMS96CTO
25381	6325	smim	SMS96A01
25382	6326	smim	SMS96A02
25383	6327	smim	SMS96A03
25384	6328	smim	SMS96A04
25385	6329	smim	SMS96A05
25386	632a	smim	SMS96A06
25387	632b	smim	SMS96A07
25388	632c	smim	SMS96A08
25389	632d	smim	SMS96A09
25390	632e	smim	SMS96A10
25391	632f	smim	SMS96A11
25393	6331	smim	SMS96A13
25394	6332	smim	SMS96A14
25396	6334	smim	SMPPILAFail
25397	6335	smim	SMS96A17
25398	6336	smim	SMS96A18
25399	6337	smim	SMS96A19
25400	6338	smim	SMERBLKRES
25401	6339	smim	SMS96A21
25402	633a	smim	SMS96A22
25404	633c	smim	SMS96A24
25405	633d	smim	SMS96A25
25406	633e	smim	SMS96A30
25407	633f	smim	SMS96A31
25408	6340	smim	SMS96A32
25410	6342	smim	SMS96A34
25411	6343	smim	SMS96A35
25412	6344	smim	SMS96A36
25413	6345	smim	SMDDL_SEND
25414	6346	smim	SMRSM_NAILUP
25415	6347	smim	SMVER_CONN
25416	6348	smim	SMRDFHINIT
25417	6349	smim	SMHDFHINIT
25418	634a	smim	SMRDFHMAIN
25419	634b	smim	SMHDFHMAIN

25420	634c	smim	SMRDFHUXP
25421	634d	smim	SMHDFHUXP
25422	634e	smim	SMBADECPICMD
25423	634f	smim	SMCPIDDWRT
25424	6350	smim	SMIAFILPA
25425	6351	smim	SMRSMCHALLOC
25426	6352	smim	SMRSMCHDB
25427	6353	smim	SMRSMPCBLA
25428	6354	smim	SMRDFHTCSC
25429	6355	smim	SMMSGBAD
25430	6356	smim	SMS96A51
25431	6357	smim	SMS96CKT
25432	6358	smim	SMPSULOGDUMP
25433	6359	smim	SMSPRSMEST
25434	635a	smim	SMSLTHRESHERR
25435	635b	smim	SMSLCKTERR
25436	635c	smim	SMSLPRCOUNTERR
25437	635d	smim	SMSLRCVYACTERR
25438	635e	smim	SMIDAUD1
25439	635f	smim	SMDCLNOCC
25440	6360	smim	SMDCLFRBAD
25441	6361	smim	SMDCLPARM
25442	6362	smim	SMDCLIRQ
25443	6363	smim	SMPSUIIAAUER
25444	6364	smim	SMDCLRSMEST
25445	6365	smim	SMTSIUNLK
25446	6366	smim	SMACTSPRFL
25447	6367	smim	SMS96A60
25448	6368	smim	SMS96A61
25449	6369	smim	SMS96A62
25450	636a	smim	SMS96A63
25451	636b	smim	SMS96A64
25452	636c	smim	SMS96A65
25453	636d	smim	SMS96A66
25454	636e	smim	SMS96A67
25455	636f	smim	SMS96A68
25456	6370	smim	SMS96A69
25457	6371	smim	SMSLERRTYPERR
25458	6372	smim	SMSLERRNOIMPCK
25459	6373	smim	SMIDSEND
25460	6374	smim	SMBADRDFI
25461	6375	smim	SMGPICBFAIL
25462	6376	smim	SMBADSDFISEL
25463	6377	smim	SMCKTDATFAIL
25464	6378	smim	SMDCLU1PFR
25465	6379	smim	SMS96BASEFAIL
25466	637a	smim	SMBADCISCAN
25467	637b	smim	SMDCLUICT
25468	637c	smim	SMROTPNF
25469	637d	smim	SMRLNKRET
25470	637e	smim	SMRSMCOMM
25471	637f	smim	SMPPGFULL
25472	6380	smim	SMIDAUD2
25473	6381	smim	SMDSUINIT
25474	6382	smim	SMOTHINIT
25475	6383	smim	SMPPGNOMATCH
25476	6384	smim	SMUTYPEBAD
25477	6385	smim	SMOUTINIT
25478	6386	smim	SMESTRET
25479	6387	smim	SMFDBRDFL
25480	6388	smim	SMIDAUD3
25481	6389	smim	SMCRNULK
25482	638a	smim	SMCRFORE
25483	638b	smim	SMRDNINIT
25484	638c	smim	SMQLNETINV
25485	638d	smim	SMDCLUBASE
25486	638e	smim	SMATDISERR
25487	638f	smim	SMATENERR
25488	6390	smim	SMATHWCONFIG
25489	6391	smim	SMATONLD
25490	6392	smim	SMCDFIMAP
25491	6393	smim	SMIACLIDATDB

25492	6394	smim	SMINITRLRCB
25493	6395	smim	SMCLIDATDB
25494	6396	smim	SMMATATTDB
25495	6397	smim	SMSEPSMEST
25496	6398	smim	SMILSEPACT
25497	6399	smim	SMIDDA01
25498	639a	smim	SMBDSHLFDTBL
25499	639b	smim	SMPHDATDGR
25500	639c	smim	SMODDLOCEQ
25501	639d	smim	SMODDCKT
25502	639e	smim	SMC_DBCLIDAT
25503	639f	smim	SMC_DBMATATT
25504	63a0	smim	SMC_DBCDFI_MAP
25505	63a1	smim	SMC_DBSMEST
25506	63a2	smim	SMC_DBWSMEST
25507	63a3	smim	SMC_INITREA
25508	63a4	smim	SMC_UNKMSG
25509	63a5	smim	SMC_OSDSRET
25510	63a6	smim	SMC_TIMER
25511	63a7	smim	SMC_LLATAB
25512	63a8	smim	SMC_NRCLMAP
25513	63a9	smim	SMC_RCLMAP
25514	63aa	smim	SMC_SRC
25515	63ab	smim	SMC_EVDDL
25516	63ac	smim	SMC_DDERR
25517	63ad	smim	SMC_CMRCCLMAP
25518	63ae	smim	SMBDLNKGRP
25519	63af	smim	SMDBADERRTYPE
25520	63b0	smim	SMATRMVTSI
25521	63b1	smim	SMIDMISC
25522	63b2	smim	SMIDBD01
25525	63b5	smim	SMDC5BP
25526	63b6	smim	SMDC5TIDB
25527	63b7	smim	SMDC5RLSTI
25528	63b8	smim	SMUNITDATNM
25529	63b9	smim	SMSWBAD
25530	63ba	smim	SMNOPORTLA
25531	63bb	smim	SMMXDSL
25532	63bc	smim	SMDLDSL
25533	63bd	smim	SMCKT_NAMENM
25534	63be	smim	SMCKTINDXNM
25535	63bf	smim	SMCKTNUMNM
25536	63c0	smim	SMIDDS12
25537	63c1	smim	SMQPRTINIT
25538	63c2	smim	SMIDNOEV
25539	63c3	smim	SMIDBDEV
25540	63c4	smim	SMSGN_NAMENM
25541	63c5	smim	SMDEBUG1
25542	63c6	smim	SMPRT_NAMENM
25543	63c7	smim	SMPICB_NUMNM
25544	63c8	smim	SMIDRTAM
25545	63c9	smim	SMDEBUG2
25546	63ca	smim	SMIDPRTD
25547	63cb	smim	SMIDPPJK
25548	63cc	smim	SMIDPASR
25549	63cd	smim	SMCLERR6
25550	63ce	smim	SMCLERR7
25551	63cf	smim	SMCLERR8
25552	63d0	smim	SMCLERR9
25553	63d1	smim	SMCLER10
25554	63d2	smim	SM2KMMUERR
25555	63d3	smim	SMCLER11
25556	63d4	smim	SMCLER12
25557	63d5	smim	SMBAD1DBRET
25558	63d6	smim	SMBAD2DBRET
25559	63d7	smim	SMBAD3DBRET
25560	63d8	smim	SMLDWP_BAD
25561	63d9	smim	SMNLIMAP
25562	63da	smim	SMBAD_SP
25563	63db	smim	SMPIDBFAIL
25564	63dc	smim	SMPTSB2CHDB
25565	63dd	smim	SMPTSBFAIL

25566	63de	smim	SM2MH_CMER
25567	63df	smim	SMBAD_DX
25568	63e0	smim	SMBAD_ENTRY
25569	63e1	smim	SMBAD_FUMODE
25570	63e2	smim	SMINVFUABT
25571	63e3	smim	SMFUTSDBFAIL
25572	63e4	smim	SMFUBADNLI
25573	63e5	smim	SMINVFURETURN
25574	63e6	smim	SMINVFUSTATE
25575	63e7	smim	SMIABDGBL
25576	63e8	smim	SMIABADPARM
25577	63e9	smim	SMSPFFAUD
25578	63ea	smim	SMFFLIST
25579	63eb	smim	SMFFEMPTY
25580	63ec	smim	SMBADSPUSE
25581	63ed	smim	SMMHAUPARM
25582	63ee	smim	SMMHAUSND
25583	63ef	smim	SMQLEPINV
25584	63f0	smim	SMQLSPCTIMER
25585	63f1	smim	SMQLSPREASERR
25586	63f2	smim	SMQLSPOSRTN
25587	63f3	smim	SMQLSPACINV
25588	63f4	smim	SMQLSPTMRINV
25589	63f5	smim	SMQLSPMGINV
25590	63f6	smim	SMDQLSINV
25591	63f7	smim	SMQLSTAINV
25592	63f8	smim	SMQLMHPIPE
25593	63f9	smim	SMQLPCCONN
25594	63fa	smim	SMQLERRTYPINV
25595	63fb	smim	SMQENDPTS
25596	63fc	smim	SMQLCOMMFAIL
25597	63fd	smim	SMQLNKCNT
25598	63fe	smim	SMQPSTINV
25599	63ff	smim	SMQPUPINV
25600	6400	smim	SMQPDDTIMER
25601	6401	smim	SMQLPBKINV
25602	6402	smim	SMQLMQPSINV
25603	6403	smim	SMQLEMSGINV
25604	6404	smim	SMQLNKSNUMINV
25605	6405	smim	SMDQLNKNUMINV
25606	6406	smim	SMQLEPMSGINV
25607	6407	smim	SMSPLESEQINV
25611	640b	smim	SMTSMSKERR
25612	640c	smim	SMODDPIDB
25613	640d	smim	SM2MH_HSHE
25614	640e	smim	SMMH_HASHE
25621	6415	smim	SMQOSELNGTH
25622	6416	smim	SMQPACTCMOOS
25623	6417	smim	SMQLPROFILE
25624	6418	smim	SMQLEGETPROF
25625	6419	smim	SMQLERRPROF
25626	641a	smim	SMQLIPIPE
25627	641b	smim	SMQLIQLL
25628	641c	smim	SMQLIDQLNK
25629	641d	smim	SMCLNKNUMINV
25632	6420	smim	SMIDTASK
25633	6421	smim	SMQLLMINVST
25634	6422	smim	SMUNEXPCAL
25635	6423	smim	SMBGSELNLI
25636	6424	smim	SMBGSELOC
25637	6425	smim	SMBGSELMT
25648	6430	smim	SMBADQPIPEODD
25649	6431	smim	SMFLXINC
25650	6432	smim	SMPSLNKOOR
25651	6433	smim	SMPLILNK
25652	6434	smim	SMPFRUSE
25653	6435	smim	SMASTMSG
25654	6436	smim	SMASTST
25655	6437	smim	SMASTCMD
25656	6438	smim	SMASTSRC
25657	6439	smim	SMASTACT
25658	643a	smim	SMASTTRG

25659	643b	smim	SMIXRFPARAM
25660	643c	smim	SMNUMDX
25661	643d	smim	SMRABADEQL
25662	643e	smim	SMRABADCKT
25663	643f	smim	SMBDCAST
25664	6440	smim	SMPHRNGCHKF
25665	6441	smim	SMLNK_NUM
25666	6442	smim	SMDBFLT3
25667	6443	smim	SMDBFLT4
25668	6444	smim	SMDBFLT5
25669	6445	smim	SMDBFLT6
25670	6446	smim	SMPSLNK_INFO
25671	6447	smim	SMPSU_CA
25672	6448	smim	SMPHATBL
25673	6449	smim	SMGRPNM
25674	644a	smim	SMODDUNIT_CKT
25675	644b	smim	SMXRFAUDERR
25676	644c	smim	SMIDCKTD
25677	644d	smim	SMIDNOSM
25681	6451	smim	SMXRHSMISMATCH
25682	6452	smim	SMDCLPICB
25683	6453	smim	SM2KACC_FLT
25684	6454	smim	SMFURNOMASTER
25685	6455	smim	SMFURNOSUBS
25686	6456	smim	SMFURTLKLD
25687	6457	smim	SMFURBADDATA
25688	6458	smim	SMFURQBPROB
25689	6459	smim	SMFURQPPROB
25690	645a	smim	SMELTCTCB
25691	645b	smim	SMELTEXH
25692	645c	smim	SMELTNEXP
25693	645d	smim	SMGETCDBERR
25694	645e	smim	SMGETSMESTERR
25695	645f	smim	SMBADHWCGIMG
25696	6460	smim	SMBADHWCGMXCH
25697	6461	smim	SMELINVMPIPE
25698	6462	smim	SMELINVMELNK
25699	6463	smim	SMELSPINVMMSG
25700	6464	smim	SMELINVEPIPEST
25701	6465	smim	SMELINVELNKST
25702	6466	smim	SMELACKFAIL
25703	6467	smim	SMELACKTO
25704	6468	smim	SMELINVEPIPEACT
25705	6469	smim	SMELINVELNKACT
25706	646a	smim	SMELBADPTCNT
25707	646b	smim	SMTRCUAUD
25708	646c	smim	SMELUXPMHEVENT
25709	646d	smim	SMELUXPEVELNK
25710	646e	smim	SMELUXPEVEPIPE
25711	646f	smim	SMELINVDDTRAN
25712	6470	smim	SMELPSSWMODE
25713	6471	smim	SMELDBESERV
25714	6472	smim	SMELDBNOMPIPE
25715	6473	smim	SMELDBOORKEY
25716	6474	smim	SMELINVRET
25717	6475	smim	SMELDATAINC
25718	6476	smim	SMELBADRPTUNIT
25719	6477	smim	SMELTSAREFULL
25720	6478	smim	SMELINCREPT
25721	6479	smim	SMELBADIPNUM
25722	647a	smim	SMELINVAURCVY
25723	647b	smim	SMELUMCST
25724	647c	smim	SMBADTRCU3SU
25725	647d	smim	SMELFMHINIT
25726	647e	smim	SMELTTCBC
25727	647f	smim	SMELINVEPIPESERV
25728	6480	smim	SMRSM2HTU
25729	6481	smim	SMHTU2RSM
25736	6488	smim	SMELINVTO
25737	6489	smim	SMELINVEQUIP
25738	648a	smim	SMELLOSTPTMR
25900	652c	smkp	SMC5IEREAS

15. 5E13 Numeric Index: 25901-26390

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25901	652d	smkp	SMC5IEARG
25902	652e	smkp	SMC5IMSTY
25903	652f	smkp	SMC5MSTE
25904	6530	smkp	SMC5IRCV
25905	6531	smkp	SMC5NOMBUF
25906	6532	smkp	SMC5IMTAG
25907	6533	smkp	SMC5IDRID
25908	6534	smkp	SMC5IDTCC
25909	6535	smkp	SMC5ELOOP
25910	6536	smkp	SMC5IDREAS
25911	6537	smkp	SMC5IEVMSG
25912	6538	smkp	SMC5IFPC
25913	6539	smkp	SMC5IMSG
25914	653a	smkp	SMC5STRAY
25915	653b	smkp	SMC5IABT
25916	653c	smkp	SMC5ITRNG
25917	653d	smkp	SMC5NOTCC
25918	653e	smkp	SMC5DETIME
25919	653f	smkp	SMC5IBLK
25920	6540	smkp	SMC5ELGTH
25921	6541	smkp	SMC5EPROC
25922	6542	smkp	SMC5ISND
25923	6543	smkp	SMC5IBNR
25924	6544	smkp	SMC5IBACK
25925	6545	smkp	SMC5IEQID
25926	6546	smkp	SMC5DBNOK
25927	6547	smkp	SMC5TMSC
25928	6548	smkp	SMC5TFPC
25929	6549	smkp	SMC5TPPC
25930	654a	smkp	SMC5TMMP
25931	654b	smkp	SMC5TNC
25932	654c	smkp	SMC5TLI
25933	654d	smkp	SMC5TMI
25934	654e	smkp	SMC5TTMS
25935	654f	smkp	SMC5TDLI
25936	6550	smkp	SMC5TCLC
25937	6551	smkp	SMC5TIIA
25938	6552	smkp	SMC5TDRVR
25939	6553	smkp	SMC5ITIMER
25940	6554	smkp	SMC5ICHID
25941	6555	smkp	SMC5ISMTHD
25942	6556	smkp	SMC5FEXEC
25943	6557	smkp	SMIEXNLIMAX
25944	6558	smkp	SMIBADNLI
25945	6559	smkp	SMINLINVLST
25946	655a	smkp	SMINVNLIMAP
25947	655b	smkp	SMINVRSM2K
25948	655c	smkp	SMC5TQLC
25949	655d	smkp	SMC5TQGP
25950	655e	smkp	SMSCORE
25951	655f	smkp	SMLCDATA
25952	6560	smkp	SMQSTBCFAIL
25953	6561	smkp	SMQSTABORT
25954	6562	smkp	SMQINITABT
25955	6563	smkp	SMQPIPEABT
25956	6564	smkp	SMDDRQLPS
25957	6565	smkp	SMQPIPECNT
25958	6566	smkp	SMQONTCPD
25959	6567	smkp	SMQRSCPF
25960	6568	smkp	SMQRSEQF
25975	6577	smkp	SMINREATG
25976	6578	smkp	SMOSRETTG
25977	6579	smkp	SMMSGTPTG
25978	657a	smkp	SMREAIMTG
25979	657b	smkp	SMEQSTIMTG
25980	657c	smkp	SMWSTIMTG
25981	657d	smkp	SMWIIAIMTG

25982	657e	smkp	SMWMPIMTG
25983	657f	smkp	SMWSDLCIMTG
25984	6580	smkp	SMRIIAMTG
25985	6581	smkp	SMREAMMPTG
25986	6582	smkp	SMEQSTMMPTG
25987	6583	smkp	SMWSTMMPTG
25988	6584	smkp	SMWIIAMMPTG
25989	6585	smkp	SMWDGNMMPTG
25990	6586	smkp	SMREALNKTG
25991	6587	smkp	SMEQSTLNKTG
25992	6588	smkp	SMWSTLNKTG
25993	6589	smkp	SMWSTQLPSTG
25994	658a	smkp	SMWSTQTMSTG
25995	658b	smkp	SMEQQLPSTG
25996	658c	smkp	SMREAQLPS
25997	658d	smkp	SMWSTQPIPETG
25998	658e	smkp	SMREAQPIPE
25999	658f	smkp	SMQACKTG
26000	6590	smkp	SMIABDINIT
26001	6591	smkp	SMIABDTMSG
26002	6592	smkp	SMIABDAMSG
26003	6593	smkp	SMIABDUNIT
26004	6594	smkp	SMIANOMCB
26005	6595	smkp	SMIAINVPROC
26006	6596	smkp	SMIAOSEUN
26007	6597	smkp	SMIALEMSG
26008	6598	smkp	SMIAMEMSG
26009	6599	smkp	SMIAIEMSG
26010	659a	smkp	SMIADDRDF
26011	659b	smkp	SMIADBDRF
26020	65a4	smkp	SMIPCMPHDR
26025	65a9	smkp	SMIPACTION
26026	65aa	smkp	SMIPACTQUAL
26027	65ab	smkp	SMIPRETURN
26028	65ac	smkp	SMIPEQID
26029	65ad	smkp	SMIPODDINCONSIST
26030	65ae	smkp	SMIPFROMPID
26031	65af	smkp	SMIPHLEVEL
26032	65b0	smkp	SMISINITPARAM
26033	65b1	smkp	SMIPFRCINCONSIST
26034	65b2	smkp	SMIPMSGTYPE
26035	65b3	smkp	SMIPOPTIONS
26036	65b4	smkp	SMIPPCSTAT
26037	65b5	smkp	SMIPPCID
26038	65b6	smkp	SMIPPCSIDE
26039	65b7	smkp	SMIPREASON
26040	65b8	smkp	SMIPRESULT
26041	65b9	smkp	SMIPSMDDREAD
26042	65ba	smkp	SMIPSMWRITE
26043	65bb	smkp	SMIPSNDSMSG
26044	65bc	smkp	SMIPSYTAG
26045	65bd	smkp	SMIPWGFROM
26046	65be	smkp	SMIPWGMSG
26047	65bf	smkp	SMIPWGTYPE
26048	65c0	smkp	SMIPCLFAIL
26049	65c1	smkp	SMIPDDREAD
26050	65c2	smkp	SMISARGUMENT
26051	65c3	smkp	SMISCREASON
26052	65c4	smkp	SMISBADSTATE
26053	65c5	smkp	SMISDDREAD
26054	65c6	smkp	SMISDMDSPP
26055	65c7	smkp	SMISHWESCAL
26056	65c8	smkp	SMISNEXTACT
26057	65c9	smkp	SMISNOOPIMS
26058	65ca	smkp	SMIPSLEVEL
26059	65cb	smkp	SMISPRMCLASS
26060	65cc	smkp	SMISPRMDATA
26061	65cd	smkp	SMISPRMTYPE
26062	65ce	smkp	SMISPRMUNIT
26063	65cf	smkp	SMISREPLACE
26064	65d0	smkp	SMISRETURN
26065	65d1	smkp	SMISSEQST

26066	65d2	smkp	SMISSMDDREAD
26067	65d3	smkp	SMISSMWRITE
26068	65d4	smkp	SMISTIMER
26069	65d5	smkp	SMISACTION
26070	65d6	smkp	SMIPVINT
26071	65d7	smkp	SMIPINREF
26072	65d8	smkp	SMIPHY2LOGFAIL
26073	65d9	smkp	SMIPINTINCONSIST
26074	65da	smkp	SMISDDWRITE
26075	65db	smkp	SMREASERR
26076	65dc	smkp	SMINRC
26077	65dd	smkp	SMINVU
26078	65de	smkp	SMLBIV
26079	65df	smkp	SMINMT
26080	65e0	smkp	SMARBRSN
26081	65e1	smkp	SMARBARG
26082	65e2	smkp	SMARBRET
26083	65e3	smkp	SMVINVMM
26084	65e4	smkp	SMVNFREE
26085	65e5	smkp	SMVBRLNK
26086	65e6	smkp	SMVINVNL
26087	65e7	smkp	SMVOORIX
26088	65e8	smkp	SMVBLIST
26089	65e9	smkp	SMVINVRQ
26090	65ea	smkp	SMVPCAMS
26091	65eb	smkp	SMVCOAFP
26092	65ec	smkp	SMVINVET
26093	65ed	smkp	SMARBETY
26094	65ee	smkp	SMARQDAT
26095	65ef	smkp	SMARSSPT
26096	65f0	smkp	SMARBDON
26097	65f1	smkp	SMVINVRD
26098	65f2	smkp	SMDFRERR
26099	65f3	smkp	SMARBSND
26100	65f4	smkp	SMOORQIX
26101	65f5	smkp	SMTMR
26102	65f6	smkp	SMODDPCIV
26103	65f7	smkp	SMVGTUPBD
26104	65f8	smkp	SMVDDRWF
26105	65f9	smkp	SMVISTAT
26106	65fa	smkp	SMVIUNIT
26107	65fb	smkp	SMVIDATA
26108	65fc	smkp	SMINVSFC
26109	65fd	smkp	SMINVACQ
26110	65fe	smkp	SMINVREQ
26111	65ff	smkp	SMINVDDR
26112	6600	smkp	SMVLPRCF
26113	6601	smkp	SMFPCPCD
26114	6602	smkp	SMFPCNOCH
26115	6603	smkp	SMLCFAIL
26116	6604	smkp	SMVQGLIP
26117	6605	smkp	SMIPQPFail
26150	6626	smkp	SMDMBADLOG
26151	6627	smkp	SMDMILLID
26152	6628	smkp	SMLLONOLNK
26153	6629	smkp	SMLL1NOLNK
26154	662a	smkp	SMMCCBDDRWF
26155	662b	smkp	SMMCCDDRWF
26156	662c	smkp	SMUNKMTST
26175	663f	smkp	SMCLNOTINIT
26176	6640	smkp	SMCLDD1
26177	6641	smkp	SMCLDB8
26178	6642	smkp	SMCLPREF
26179	6643	smkp	SMCLMANMSG
26180	6644	smkp	SMCLMANDONE
26181	6645	smkp	SMCLDMAMMSG
26182	6646	smkp	SMCLNORMREQ
26183	6647	smkp	SMCLCADMSG
26184	6648	smkp	SMCLCADRTN
26185	6649	smkp	SMCLACKMSG
26186	664a	smkp	SMCLINVAL
26187	664b	smkp	SMCLNOTCLNC

26188	664c	smkp	SMCLIIAREQ
26189	664d	smkp	SMCLMSKP
26190	664e	smkp	SMCLBADSRC
26191	664f	smkp	SMCLBADLK
26192	6650	smkp	SMCLIM
26193	6651	smkp	SMCLINVSM
26194	6652	smkp	SMCLNINVAL
26195	6653	smkp	SMCLBOSRT
26196	6654	smkp	SMCLBNMSG
26197	6655	smkp	SMCLNMTYP
26198	6656	smkp	SMCLNMBM
26199	6657	smkp	SMCLMMPMSG
26200	6658	smkp	SMCLFPCMSG
26201	6659	smkp	SMCLMSMSG
26202	665a	smkp	SMCLSDN1
26203	665b	smkp	SMCLDBO
26204	665c	smkp	SMCLDB1
26205	665d	smkp	SMCLDB2
26206	665e	smkp	SMCLDB3
26207	665f	smkp	SMCLDB4
26208	6660	smkp	SMCLBADMSG
26209	6661	smkp	SMCLCINVAL
26210	6662	smkp	SMCLMSRET
26211	6663	smkp	SMCLWRSORC
26212	6664	smkp	SMCLWRUNIT
26213	6665	smkp	SMCLWRAC
26214	6666	smkp	SMCLWRTYPE
26215	6667	smkp	SMCLBRMV
26216	6668	smkp	SMCLBRST
26217	6669	smkp	SMCLINERR
26218	666a	smkp	SMCLBIMS
26219	666b	smkp	SMCLBIMO
26220	666c	smkp	SMCLTMSIDE
26221	666d	smkp	SMCLSSPMSG
26222	666e	smkp	SMCLDELTIM
26223	666f	smkp	SMCLINVPAR
26224	6670	smkp	SMCLREASON
26225	6671	smkp	SMCLEWAIT
26226	6672	smkp	SMCLESEND
26227	6673	smkp	SMCLICADTMOUT
26228	6674	smkp	SMCLREQFAIL
26229	6675	smkp	SMCLWGET
26230	6676	smkp	SMCLNOMSG
26231	6677	smkp	SMCLEIMMSG
26232	6678	smkp	SMCLERRMSG
26233	6679	smkp	SMCLSSPE
26234	667a	smkp	SMCLSSPTYPE
26235	667b	smkp	SMCLRSEND
26236	667c	smkp	SMCLNOTYPE
26237	667d	smkp	SMCLMSFAIL
26238	667e	smkp	SMCLDDREAD
26239	667f	smkp	SMCLSSPUNIT
26240	6680	smkp	SMISOLDD
26241	6681	smkp	SMISOLDB
26242	6682	smkp	SMRSMOFST
26243	6683	smkp	SMISCLIDAT
26244	6684	smkp	SMSEPDD
26245	6685	smkp	SMCLSSPOOS
26246	6686	smkp	SMCLSMIF
26247	6687	smkp	SMCLRSBMMP
26248	6688	smkp	SMCLRSPC
26249	6689	smkp	SMCLRSBONTC
26250	668a	smkp	SMCLRS3LNK
26251	668b	smkp	SMCLRSMTT
26252	668c	smkp	SMCLRSDDFL
26253	668d	smkp	SMCLRSMO
26255	668f	smkp	SMRSM2HSM
26300	66bc	smkp	SMMSEWAIT
26301	66bd	smkp	SMMSERMSG
26302	66be	smkp	SMMSPERMSG
26303	66bf	smkp	SMMSREASON
26304	66c0	smkp	SMMSESEND

26305	66c1	smkp	SMMSEVCLASS
26306	66c2	smkp	SMMSREADD
26307	66c3	smkp	SMMSCTIM
26308	66c4	smkp	SMMSHTIM
26309	66c5	smkp	SMMSWGET
26310	66c6	smkp	SMMSPSEND
26311	66c7	smkp	SMMSDREAD
26312	66c8	smkp	SMMSPPFail
26313	66c9	smkp	SMCLKFAIL
26314	66ca	smkp	SMMSGFAIL
26315	66cb	smkp	SMHMSGFAIL
26316	66cc	smkp	SMPMSGFAIL
26317	66cd	smkp	SMPSENDFAIL
26318	66ce	smkp	SMSENDFAIL
26319	66cf	smkp	SMWRTFAIL
26320	66d0	smkp	SMFALREASON
26321	66d1	smkp	SMWAITFAIL
26322	66d2	smkp	SMTIMEOUT
26323	66d3	smkp	SMGETPTA
26324	66d4	smkp	SMPHY2LOG
26325	66d5	smkp	SMOUTMSGFAIL
26326	66d6	smkp	SMERANGE
26327	66d7	smkp	SMWRTNOPCD
26328	66d8	smkp	SMMCBD
26329	66d9	smkp	SMMCSEND
26330	66da	smkp	SMMCACKBAD
26331	66db	smkp	SMMCWGBAD
26332	66dc	smkp	SMMMUNITERR
26333	66dd	smkp	SMMMSIDERR
26334	66de	smkp	SMMMPPHYSERR
26335	66df	smkp	SMMMTPERR
26336	66e0	smkp	SMMMAGERR
26337	66e1	smkp	SMMMFROMERR
26338	66e2	smkp	SMMMATIONERR
26339	66e3	smkp	SMMMDUPERR
26340	66e4	smkp	SMMMEVTNOERR
26341	66e5	smkp	SMMMSNDMSGERR
26342	66e6	smkp	SMMMWRITERR
26343	66e7	smkp	SMMMIMERR
26344	66e8	smkp	SMMMGETMSGERR
26345	66e9	smkp	SMMMREASERR
26346	66ea	smkp	SMMMATAERR
26347	66eb	smkp	SMMMREADERR
26348	66ec	smkp	SMMMSEWAIT
26349	66ed	smkp	SMMMERRTYPE
26350	66ee	smkp	SMMMAREADERR
26351	66ef	smkp	SMMMIMMER
26352	66f0	smkp	SMMMSELENGTH
26353	66f1	smkp	SMMMIMMMPH
26354	66f2	smkp	SMMMIMMMPH
26355	66f3	smkp	SMMMIMMMPH
26356	66f4	smkp	SMMMIMMMPH
26357	66f5	smkp	SMMMIMMMPH
26358	66f6	smkp	SMMMIMMMPH
26359	66f7	smkp	SMMMIMMMPH
26360	66f8	smkp	SMMMIMMMPH
26361	66f9	smkp	SMMMIMMMPH
26362	66fa	smkp	SMMMIMMMPH
26363	66fb	smkp	SMMMIMMMPH
26364	66fc	smkp	SMMMIMMMPH
26365	66fd	smkp	SMMMIMMMPH
26366	66fe	smkp	SMMMIMMMPH
26367	66ff	smkp	SMMMIMMMPH
26368	6700	smkp	SMMMIMMMPH
26369	6701	smkp	SMMMIMMMPH
26370	6702	smkp	SMMMIMMMPH
26371	6703	smkp	SMMMIMMMPH
26372	6704	smkp	SMMMIMMMPH
26373	6705	smkp	SMMMIMMMPH
26374	6706	smkp	SMMMIMMMPH
26375	6707	smkp	SMMMIMMMPH
26376	6708	smkp	SMMMIMMMPH

26377	6709	smkp	SMFBD CNT
26378	670a	smkp	SMFBD OS
26379	670b	smkp	SMFPCPTO
26380	670c	smkp	SMFPCREA
26381	670d	smkp	SMFPCWGET
26382	670e	smkp	SMFPCBMSG R
26383	670f	smkp	SMFPCWAIT
26384	6710	smkp	SMFPC1SND
26385	6711	smkp	SMFPC2SND
26386	6712	smkp	SMFPCMRR
26387	6713	smkp	SMFPCWMF
26388	6714	smkp	SMFPCWMT
26389	6715	smkp	SMFPCSWR
26390	6716	smkp	SMFPCTMR

16. 5E13 Numeric Index: 26391-27380

ERROR CODE	PRM CODE	RANGE	MNEMONIC
26391	6717	smkp	SMFPCMNF
26392	6718	smkp	SMFPCINP
26393	6719	smkp	SMFPCOSWT
26394	671a	smkp	SMFPCSWE
26395	671b	smkp	SMFPCCTO
26396	671c	smkp	SMFPCINSIDE
26397	671d	smkp	SMFPCDDUPDT
26398	671e	smkp	SMPOSND
26399	671f	smkp	SMPINV
26400	6720	smkp	SMPBDMMSG
26401	6721	smkp	SMPBDACK
26402	6722	smkp	SMPACK
26403	6723	smkp	SMPAUST
26404	6724	smkp	SMPBDCNT
26405	6725	smkp	SMPBDOS
26406	6726	smkp	SMPPCREA
26407	6727	smkp	SMPPCWGET
26408	6728	smkp	SMPPCBMSG R
26409	6729	smkp	SMPPCWAIT
26410	672a	smkp	SMPPC1SND
26411	672b	smkp	SMPPC2SND
26412	672c	smkp	SMPPCMRR
26413	672d	smkp	SMPPCWMF
26414	672e	smkp	SMPPCWMT
26415	672f	smkp	SMPPCSWR
26416	6730	smkp	SMPPCTMR
26417	6731	smkp	SMPPCMNF
26418	6732	smkp	SMPPCINP
26419	6733	smkp	SMPPCOSWT
26420	6734	smkp	SMPPCSWE
26421	6735	smkp	SMFPCTIME
26422	6736	smkp	SMFPCNOACT
26423	6737	smkp	SMFPCDDBAD
26500	6784	smkp	SMPIUNITERR
26501	6785	smkp	SMPISIDERR
26502	6786	smkp	SMPIPHYSERR
26503	6787	smkp	SMPITYPERR
26504	6788	smkp	SMPIFROMERR
26505	6789	smkp	SMPIACTIONERR
26506	678a	smkp	SMPISENDMSGERR
26507	678b	smkp	SMPIGETMSGERR
26508	678c	smkp	SMPIREASERR
26509	678d	smkp	SMPISEWAIT
26510	678e	smkp	SMPIERRTYPE
26511	678f	smkp	SMPIOSELENGTH
26512	6790	smkp	SMPIEVCLERR
26513	6791	smkp	SMPIAQERR
26514	6792	smkp	SMPIREADERR
26515	6793	smkp	SMPISRCERR
26516	6794	smkp	SMPIBDMMSG
26517	6795	smkp	SMPIWRITERR
26518	6796	smkp	SMPIINVDGN
26519	6797	smkp	SMPIPTO

26520	6798	smkp	SMPIBDACK
26521	6799	smkp	SMPIACK
26522	679a	smkp	SMPIPURGE
26523	679b	smkp	SMPIIMATEGET
26524	679c	smkp	SMPISWINSANE
26525	679d	smkp	SMPICONTO
26526	679e	smkp	SMPIINVMSG
26527	679f	smkp	SMPIWGTERR
26528	67a0	smkp	SMPITIMERR
26529	67a1	smkp	SMPIRDWRERR
26530	67a2	smkp	SMPIINVABT
26531	67a3	smkp	SMPIUPDTERR
26532	67a4	smkp	SMPIBMSGLNGTH
26533	67a5	smkp	SMPIOSSNDMSGERR
26534	67a6	smkp	SMPIRDERR
26535	67a7	smkp	SMPIWTERR
26536	67a8	smkp	SMC5TPIP
26537	67a9	smkp	SMPIRETBAD
26538	67aa	smkp	SMPICRETBAD
26539	67ab	smkp	SMPICEVTNOERR
26540	67ac	smkp	SMPICLEACCESS
26541	67ad	smkp	SMPICLEBADMSG
26542	67ae	smkp	SMPITMCMPIH
26543	67af	smkp	SMPIRDEVER
26544	67b0	smkp	SMPINODDACK
26545	67b1	smkp	SMPIRSNERR
26546	67b2	smkp	SMINV_CMP
26600	67e8	smkp	SMNCINST
26601	67e9	smkp	SMNCINSD
26602	67ea	smkp	SMNCINREF
26603	67eb	smkp	SMNCINMD
26604	67ec	smkp	SMNCINUN
26605	67ed	smkp	SMNCIIAAC
26606	67ee	smkp	SMNCINEN
26607	67ef	smkp	SMNCINMS
26608	67f0	smkp	SMNCSPCM
26609	67f1	smkp	SMNCRDCL
26610	67f2	smkp	SMNCADPR
26611	67f3	smkp	SMNCADSR
26612	67f4	smkp	SMNCADXR
26613	67f5	smkp	SMNCBDVR
26614	67f6	smkp	SMNCINAC
26615	67f7	smkp	SMNCFRAC
26616	67f8	smkp	SMNCFRRC
26617	67f9	smkp	SMNCTTYO
26618	67fa	smkp	SMNCRITL
26619	67fb	smkp	SMNCRIPS
26620	67fc	smkp	SMNCRISS
26621	67fd	smkp	SMNCRISX
26622	67fe	smkp	SMNCRIRP
26623	67ff	smkp	SMNCRICS
26624	6800	smkp	SMNCRICE
26625	6801	smkp	SMNCRERR
26626	6802	smkp	SMNCWTUN
26627	6803	smkp	SMNCINQ1
26628	6804	smkp	SMNCINQ2
26629	6805	smkp	SMNCDATA
26630	6806	smkp	SMNCINBS
26631	6807	smkp	SMNCBDRT
26632	6808	smkp	SMNCIASD
26633	6809	smkp	SMNCDBUN
26634	680a	smkp	SMRCSPRD
26635	680b	smkp	SMRCENCI
26636	680c	smkp	SMRCINER
26637	680d	smkp	SMRCINEC
26638	680e	smkp	SMRCINRM
26639	680f	smkp	SMUNKOPTMS
26640	6810	smkp	SMERCATTMS
26641	6811	smkp	SMNULLREATMS
26642	6812	smkp	SMBADACTTMS
26643	6813	smkp	SMBADTMSFUNC
26644	6814	smkp	SMBADUNITTMS

26645	6815	smkp	SM2WAYTMS
26646	6816	smkp	SMDBCTSTMS
26647	6817	smkp	SMIMCTSTMS
26648	6818	smkp	SMQCNTTMS
26649	6819	smkp	SMBADNEQTMS
26650	681a	smkp	SMSLNKTMS
26651	681b	smkp	SMSETLNKTMS
26652	681c	smkp	SMDBEQTMS
26653	681d	smkp	SMLV1IIATMS
26654	681e	smkp	SMLV0IIATMS
26655	681f	smkp	SMFABRSTTMS
26656	6820	smkp	SMTMSDLK
26657	6821	smkp	SMDBLNKTMS
26658	6822	smkp	SMOSRTMS
26659	6823	smkp	SMHMTMS
26660	6824	smkp	SMUNKFUNTMS
26661	6825	smkp	CHBUGINITYPE
26662	6826	smkp	CHBUGERRTYPE
26663	6827	smkp	CHBUGUNIT
26664	6828	smkp	CHBUGAQUAL
26665	6829	smkp	CHBUGACTION
26666	682a	smkp	CHBUGCLASS
26667	682b	smkp	CHBUGSMTYPE
26668	682c	smkp	CHBUGSMRTN
26669	682d	smkp	CHBUGEID
26670	682e	smkp	CHBUGCSTENTRY_
26671	682f	smkp	CHBUGREAD
26672	6830	smkp	CHBUGSTATE
26673	6831	smkp	CHBUGTOCAD
26674	6832	smkp	CHBUGSIDE
26675	6833	smkp	CHBUGNCCRTN
26676	6834	smkp	CHBUGMMSTATE
26677	6835	smkp	CHBUGOOSERR
26678	6836	smkp	CHBUGPF
26679	6837	smkp	CHBUGWRITE
26680	6838	smkp	CHBUGSMNUM
26681	6839	smkp	CHBUGTOIIA
26682	683a	smkp	CHBUGUDGR
26683	683b	smkp	SMLIBSWINIT
26684	683c	smkp	SMLIBACT
26685	683d	smkp	SMLIBSNT
26686	683e	smkp	SMLIBCC
26687	683f	smkp	SMLIBSTR
26688	6840	smkp	SMLIBCINTR
26689	6841	smkp	SMLIBTYM
26690	6842	smkp	SMLIBVINT
26691	6843	smkp	SMMIBSWINIT
26692	6844	smkp	SMMIBACT
26693	6845	smkp	SMMIBSNT
26694	6846	smkp	SMMIBCC
26695	6847	smkp	SMMIBSIDE
26696	6848	smkp	SMMIBREQ
26697	6849	smkp	SMMIBCINTR
26698	684a	smkp	SMMIBVINT
26699	684b	smkp	SMMIBSIZE
26700	684c	smkp	SMMIMODFAIL
26701	684d	smkp	SMMIBFORLP
26702	684e	smkp	SMMIBAQCP
26703	684f	smkp	SMDLI_READ
26704	6850	smkp	SMDLIWRTE
26705	6851	smkp	SMDLI_SIDE
26706	6852	smkp	SMDLIANA
26707	6853	smkp	SMDLIAUTISS
26708	6854	smkp	SMDLISMNO
26709	6855	smkp	SMDLIUNIT
26710	6856	smkp	SMDLIMODDATA
26711	6857	smkp	SMDLIREASON
26712	6858	smkp	SMDLIMSG
26713	6859	smkp	SMDLIDDDATA
26714	685a	smkp	CHBUGEINITYPE
26715	685b	smkp	CHBUGPOSTPARM
26716	685c	smkp	CHBUGEUNIT

26717	685d	smkp	CHBUGEVCAUSE
26718	685e	smkp	CHBUGOSWRTN
26719	685f	smkp	CHBUGESIDE
26720	6860	smkp	CHBUGESMTYPE
26721	6861	smkp	CHBUGOSSRTN
26722	6862	smkp	PIASTST
26723	6863	smkp	PIASTCMD
26724	6864	smkp	PIASTSRC
26725	6865	smkp	PIASTACT
26726	6866	smkp	PIASTELP
26727	6867	smkp	PIASTTRG
26728	6868	smkp	PIASTDBR
26729	6869	smkp	PIASTLLS
26730	686a	smkp	PIASTMSG
26731	686b	smkp	PIASTREA
26732	686c	smkp	SMIPINCDATA
26733	686d	smkp	SMIPNCTMOD
26734	686e	smkp	SMTMSCPAUD
26735	686f	smkp	SMNCUNEX
26736	6870	smkp	CHBUGMSGTYPE
26737	6871	smkp	CHBUGDATA
26738	6872	smkp	SMTMCOMM
26850	68e2	smkp	SMINVRSTRT
26851	68e3	smkp	SMRSCREASON
26852	68e4	smkp	SMRSCARG
26853	68e5	smkp	SMRSISPP
26854	68e6	smkp	SMRSINVMODE
26855	68e7	smkp	SMRSINVSEQST
26856	68e8	smkp	SMRSINVESCAL
26857	68e9	smkp	SMRSTIMEOUT
27000	6978	smkp	SMQGTYPERR
27001	6979	smkp	SMQGFROMERR
27002	697a	smkp	SMQGGETMSGER
27003	697b	smkp	SMQGREASERR
27005	697d	smkp	SMQGACTIONERR
27006	697e	smkp	SMQGAQERR
27007	697f	smkp	SMQGCADTIMO
27008	6980	smkp	SMQGGDDREAD
27009	6981	smkp	SMQGERRTYPE
27010	6982	smkp	SMQGEVCLERR
27011	6983	smkp	SMQGGLIMIT
27012	6984	smkp	SMQGINVDGN
27013	6985	smkp	SMQGOSELENGTH
27014	6986	smkp	SMQGOSEND
27015	6987	smkp	SMQGGPHYSEERR
27016	6988	smkp	SMQGGREADERR
27018	698a	smkp	SMQGSNDMSGERR
27019	698b	smkp	SMQGSRCERR
27020	698c	smkp	SMQGTIMOCAD
27022	698e	smkp	SMQGWITERR
27023	698f	smkp	SMQGUNITERR
27024	6990	smkp	SMQGSIDERR
27025	6991	smkp	SMQGEVTNOERR
27026	6992	smkp	SMQGBADINIT
27027	6993	smkp	SMQGDUPERR
27028	6994	smkp	SMQGBIDATA
27029	6995	smkp	SMQGTQGPH
27030	6996	smkp	SMQGBQGPH
27031	6997	smkp	SMQGTIMERR
27032	6998	smkp	SMQGDTIMER
27033	6999	smkp	SMQGTIMIDX
27035	699b	smkp	SMQGAUPARM
27036	699c	smkp	SMQGSEWAIT
27037	699d	smkp	SMQGGDDWRITE
27038	699e	smkp	SMQGTAGERR
27039	699f	smkp	SMWSTQGPTG
27100	69dc	smkp	SMQCDDRDFL
27101	69dd	smkp	SMQCDDWRFL
27102	69de	smkp	SMQCINVLE
27103	69df	smkp	SMQCLESTAT
27104	69e0	smkp	SMQCBRTACK
27105	69e1	smkp	SMQCINVUNIT

27106	69e2	smkp	SMQCINVACT
27107	69e3	smkp	SMQCINVSTATE
27108	69e4	smkp	SMQCDAERR
27110	69e6	smkp	SMQCACTIONERR
27111	69e7	smkp	SMQCPHYSERR
27112	69e8	smkp	SMQLNOMSG
27113	69e9	smkp	SMQLACTERR
27114	69ea	smkp	SMQLEVERR
27115	69eb	smkp	SMQLBADMSG
27116	69ec	smkp	SMQLREADERR
27117	69ed	smkp	SMQLSRCERR
27118	69ee	smkp	SMQLPHYSERR
27119	69ef	smkp	SMQLTIMO
27120	69f0	smkp	SMQLOSELENGTH
27121	69f1	smkp	SMQLGETMSGERR
27122	69f2	smkp	SMQLCREATEERR
27123	69f3	smkp	SMQLINVEP
27124	69f4	smkp	SMQLBADERR
27125	69f5	smkp	SMQLSMINDX
27126	69f6	smkp	SMQLBADTMR
27127	69f7	smkp	SMQLEPINDX
27128	69f8	smkp	SMQLBADACT
27129	69f9	smkp	SMQCQEODD
27130	69fa	smkp	SMQCINVPARAM
27131	69fb	smkp	SMQLALARMERR
27132	69fc	smkp	SMQCODDRD
27133	69fd	smkp	SMQCIMSG
27134	69fe	smkp	SMQCSNDER
27135	69ff	smkp	SMQCUMSG
27136	6a00	smkp	SMQCOSRCV
27137	6a01	smkp	SMQCOSER
27138	6a02	smkp	SMQCPCDER
27139	6a03	smkp	SMQCRSTATE
27140	6a04	smkp	SMQCTOQGP
27141	6a05	smkp	SMQCPSTATE
27142	6a06	smkp	SMQCPPAR
27143	6a07	smkp	SMQCTOFPC
27144	6a08	smkp	SMQCOPQGP
27300	6aa4	tm	TMRETRN
27301	6aa5	tm	TMNORETRN
27302	6aa6	tm	TMCMKP
27303	6aa7	tm	TMRECVW
27304	6aa8	tm	TMSNDPW
27305	6aa9	tm	TMMSGENAB
27306	6aaa	tm	TMGETPORT
27307	6aab	tm	TMUNERR
27308	6aac	tm	TMUNLIST
27309	6aad	tm	TMFC_TRUNK
27310	6aae	tm	TMSTATUS
27311	6aaf	tm	TMCGA1ODD
27313	6ab1	tm	TMNOPORTLA
27314	6ab2	tm	TMBADLIST
27315	6ab3	tm	TMDEL_CON
27316	6ab4	tm	TMWGETMSG
27317	6ab5	tm	TMOSREASON
27318	6ab6	tm	TMOSRESTART
27319	6ab7	tm	TMABTTSK
27320	6ab8	tm	TMGETMSG
27321	6ab9	tm	TMSNDMSG
27322	6aba	tm	TMOPBADRET
27324	6abc	tm	TMNOCCB
27326	6abe	tm	TMNONREASON
27327	6abf	tm	TMINCRECDATA
27328	6ac0	tm	TMSMIMSEND
27329	6ac1	tm	TMDBAML
27330	6ac2	tm	TMTTSTYPE
27331	6ac3	tm	TMTTSTDATA
27332	6ac4	tm	TMCTP
27333	6ac5	tm	TMTLWSUJOB
27334	6ac6	tm	TMICMTC
27335	6ac7	tm	TMDA_TIMER
27336	6ac8	tm	TMFC_LINE

27338	6aca	tm	TMBADDISC
27339	6acb	tm	TMBADSTATE
27340	6acc	tm	TMCOMMFAIL
27342	6ace	tm	TMUPPAGE
27343	6acf	tm	TMHMACK
27345	6ad1	tm	TMPOSNUM
27348	6ad4	tm	TMBDPTYP
27349	6ad5	tm	TMDFITIMER
27350	6ad6	tm	TMCKTDATA
27351	6ad7	tm	TMRTAFAIL
27352	6ad8	tm	TMCGAFail
27354	6ada	tm	TMUXPMSG
27355	6adb	tm	TMNOMSG
27356	6adc	tm	TMOOSTMR
27357	6add	tm	TMOHMERR
27358	6ade	tm	TMIHMERR
27360	6ae0	tm	TMINV_DATA
27364	6ae4	tm	TMPORTLA
27366	6ae6	tm	TMPSBADRET
27367	6ae7	tm	TMCPTIMEOUT
27368	6ae8	tm	TMENDTRN
27369	6ae9	tm	TMPPGINFO
27370	6aea	tm	TMUMSGNOR
27372	6aec	tm	TMNOTRAN
27373	6aed	tm	TMSKCN
27376	6af0	tm	TMNOTRKG
27378	6af2	tm	TMLITINIT
27379	6af3	tm	TMBADDAY
27380	6af4	tm	TMAPTBADRET

17. 5E13 Numeric Index: 27381-27870

ERROR CODE	PRM CODE	RANGE	MNEMONIC
27381	6af5	tm	TMTPCBUF
27382	6af6	tm	TMISPABUF
27383	6af7	tm	TMCFHFAIL
27384	6af8	tm	TMISDBHC
27385	6af9	tm	TMCGASTAT
27387	6afb	tm	TMCGATYPE
27388	6afc	tm	TMPCLL
27389	6afd	tm	TMPSATIMER
27390	6afe	tm	TMBADPOLIST
27391	6aff	tm	TMLNKPTLA
27392	6b00	tm	TMULNKPTLA
27393	6b01	tm	TMLNKPOPH
27394	6b02	tm	TMULNKPOPH
27395	6b03	tm	TMLNKIPH
27396	6b04	tm	TMULNKIPH
27397	6b05	tm	TMLNKBPH
27398	6b06	tm	TMULNKBPH
27399	6b07	tm	TMISINVPORT
27400	6b08	tm	TMNOHIST
27401	6b09	tm	TMPOPHINC
27402	6b0a	tm	TMPOFC_PINC
27406	6b0e	tm	TMCAMATRK
27407	6b0f	tm	TMS96SMTB
27408	6b10	tm	TMS96DIODE
27409	6b11	tm	TMS96DDB
27410	6b12	tm	TMDBWS101
27411	6b13	tm	TMDBTLWS
27413	6b15	tm	TMDDREAD
27414	6b16	tm	TMFRDRLN
27415	6b17	tm	TMNOTIMR
27416	6b18	tm	TMLITDUR
27417	6b19	tm	TMOSLTIME
27418	6b1a	tm	TMBADLIT_TC
27419	6b1b	tm	TMBADPID
27420	6b1c	tm	TMBADMSG
27421	6b1d	tm	TMCGAPTLA
27422	6b1e	tm	TMTERAFail
27423	6b1f	tm	TMNOCDBCOM

27424	6b20	tm	TMBADMDII
27425	6b21	tm	TMTERAUP
27426	6b22	tm	TMOPNTRN
27427	6b23	tm	TMLITOVFL
27429	6b25	tm	TMRTE_FAIL
27430	6b26	tm	TMBADPARM
27431	6b27	tm	TMDETIMER
27433	6b29	tm	TMUNKCLS
27434	6b2a	tm	TMXSMEST
27435	6b2b	tm	TMXPICB
27436	6b2c	tm	TMXPORTLA
27437	6b2d	tm	TMDNTRAN
27438	6b2e	tm	TMOEINFO
27441	6b31	tm	TMMODATT
27442	6b32	tm	TMEQLOC
27443	6b33	tm	TMUXALMTYPE
27445	6b35	tm	TMUXDFITYPE
27446	6b36	tm	TMBR_KEY
27447	6b37	tm	TMBR_TRUNK
27448	6b38	tm	TMTRK_ERR
27449	6b39	tm	TMINVSCOPE
27450	6b3a	tm	TMISSPP
27451	6b3b	tm	TMISCLCNT
27452	6b3c	tm	TMINVPH
27453	6b3d	tm	TMUNEXEVNT
27454	6b3e	tm	TMINVPRI
27455	6b3f	tm	TMINVJOB
27456	6b40	tm	TMDBERRS
27457	6b41	tm	TMGETDPB
27458	6b42	tm	TMUNEXRTN
27459	6b43	tm	TMNOPTYPE
27460	6b44	tm	TMNOMDPATH
27461	6b45	tm	TMBADLPORT
27462	6b46	tm	TMPOSDBERR
27463	6b47	tm	TMBR_PHIST
27464	6b48	tm	TMC_PHIST
27465	6b49	tm	TMPHIST_FULL
27466	6b4a	tm	TMPIH_KEY
27467	6b4b	tm	TMERR_PHIST
27468	6b4c	tm	TMBR_LA
27469	6b4d	tm	TMC_PORTLA
27470	6b4e	tm	TMBR_PRTLST
27471	6b4f	tm	TMPTT_FULL
27472	6b50	tm	TMIS_FAIL
27473	6b51	tm	TMERR_PRTLST
27474	6b52	tm	TMBR_PORTTYP
27475	6b53	tm	TMCUR_PORTTYP
27476	6b54	tm	TMERR_PORT
27477	6b55	tm	TMLA_FULL
27478	6b56	tm	TMLA_KEY
27479	6b57	tm	TMERR_LA
27480	6b58	tm	TMDDFAIL
27481	6b59	tm	TMLOOPDBERR
27482	6b5a	tm	TMACTBFAIL
27483	6b5b	tm	TML3PRIMER
27484	6b5c	tm	TMRMDSLFL
27485	6b5d	tm	TMBADWBPRT
27486	6b5e	tm	TMDPBINV
27487	6b5f	tm	TMSMDCHN
27488	6b60	tm	TMNXTPORT
27489	6b61	tm	TMTTATFAIL
27491	6b63	tm	TMSEGMENT
27492	6b64	tm	TMPOSSDERR
27493	6b65	tm	TMAPBDBERR
27494	6b66	tm	TMDLSDERR
27495	6b67	tm	TMMSGLOSS
27496	6b68	tm	TMDSLRMFAIL
27497	6b69	tm	TMLKTSTTBL
27498	6b6a	tm	TMGETPTSB
27501	6b6d	tm	TMUNK_TIMER
27502	6b6e	tm	TMCOTCHECK
27504	6b70	tm	TMOSFAP

27508	6b74	tm	TMUNK_VALUE
27509	6b75	tm	TMACCSDERR
27510	6b76	tm	TMZOMBIE
27512	6b78	tm	TMTAPOSDBERR
27513	6b79	tm	TMPTRDBERR
27514	6b7a	tm	TMQRYDBERR
27515	6b7b	tm	TMBADDATA
27516	6b7c	tm	TMINVPSTAT
27517	6b7d	tm	TMINVXLDATA
27519	6b7f	tm	XTMSLRLT
27523	6b83	tm	XTMBADMSGEN
27525	6b85	tm	XTMMODATT
27526	6b86	tm	XTMRTR_FAIL
27527	6b87	tm	TMSL2TEC
27529	6b89	tm	XTMNOPTYP
27530	6b8a	tm	TMPCTFERR
27531	6b8b	tm	TMNOTPHPORT
27532	6b8c	tm	TMDNOFCPTUP
27533	6b8d	tm	TMLNOFCPTUP
27534	6b8e	tm	TMTFBADREASON
27535	6b8f	tm	TMISPATPC
27536	6b90	tm	TMAUTEILA
27537	6b91	tm	TMRTA5FAIL
27538	6b92	tm	TMISMPATH
27539	6b93	tm	TMPSTRUNKS
27542	6b96	tm	TMWGMFAIL
27543	6b97	tm	TMWGTFAIL
27553	6ba1	tm	TMNOHCELL
27554	6ba2	tm	TMRISSDERR
27555	6ba3	tm	TMPOSTPERR
27557	6ba5	tm	TMOFFPAR
27558	6ba6	tm	TMILSDPOL
27559	6ba7	tm	TMFC_OPRTK
27561	6ba9	tm	TMRMSDBINIT
27563	6bab	tm	TMCRT_TIMER
27564	6bac	tm	TMREAD_MM
27565	6bad	tm	TMISMRSM
27567	6baf	tm	TMIST_TRUNK
27568	6bb0	tm	TMRDLI
27569	6bb1	tm	TMNOQMSG
27570	6bb2	tm	TMISM_GLOBAL
27571	6bb3	tm	TMBAD_LMSG
27572	6bb4	tm	TMBD_EVNT
27573	6bb5	tm	TMBAD_SMSG
27574	6bb6	tm	TMBD_SM
27575	6bb7	tm	TMBD_ACTN
27576	6bb8	tm	TMBD_DLT_DATA
27577	6bb9	tm	TMBD_JOB
27578	6bba	tm	TMBD_MATESM
27579	6bbb	tm	TMBD_DESTSM
27580	6bbc	tm	TMBDATCN
27581	6bbd	tm	TMICRFT_MSG
27582	6bbe	tm	TMISMHSMDLI
27583	6bbf	tm	TMBD_OOSDLI
27584	6bc0	tm	TMTMS_INTER
27586	6bc2	tm	TMBD_MSG
27587	6bc3	tm	TMIV_REFR
27588	6bc4	tm	TMSDLI
27589	6bc5	tm	TMRTSMBLK
27591	6bc7	tm	TMLOAD_IST
27592	6bc8	tm	TMBD_ISMTYPE
27593	6bc9	tm	TMNOISMPH
27594	6bca	tm	TMDPB4ISM
27595	6bcb	tm	TMISMSSEND
27596	6bcc	tm	TMUNXP_TIMER
27597	6bcd	tm	TMBD_ACK
27598	6bce	tm	TMBD_RESP
27599	6bcf	tm	TMCR_ABRT
27600	6bd0	tm	TMBDIN_MSG
27602	6bd2	tm	TMUNK_SM
27604	6bd4	tm	TM_MODATT
27605	6bd5	tm	TMDALHPTPN

27606	6bd6	tm	TMDATPSTAT
27607	6bd7	tm	TMDASPTPN
27608	6bd8	tm	TMDAMCATPS
27609	6bd9	tm	TMDACATPS
27610	6bda	tm	TMINCPTPN
27611	6bdb	tm	TMINCPTTP
27612	6bdc	tm	TMINCPTLH
27613	6bdd	tm	TMGHCATPS
27614	6bde	tm	TMUNLKLH
27615	6bdf	tm	TMINSTPS
27616	6be0	tm	TMINSPTPN
27617	6be1	tm	TMGETLHD
27618	6be2	tm	TMUPCAMCA
27619	6be3	tm	TMFC_PORTYP
27620	6be4	tm	TMFCPRTERR
27621	6be5	tm	TMX_ISM
27622	6be6	tm	TMCHKSLCPC
27623	6be7	tm	TMSMIDLSTAT
27624	6be8	tm	TMIDLSTAT
27625	6be9	tm	TMIALENDX
27626	6bea	tm	TMIMXJBS
27627	6beb	tm	TMIFNADD
27628	6bec	tm	TMIFNDEL
27629	6bed	tm	TMIFNURT
27630	6bee	tm	TMAQADPERR
27631	6bef	tm	TMAQDAPERR
27632	6bf0	tm	TMAQMODERR
27634	6bf2	tm	TMOPDBPARM
27648	6c00	tm	TMPHRTCONG
27651	6c03	tm	TMFACPROV
27652	6c04	tm	TMSMEST
27653	6c05	tm	TMUPDSMEST
27654	6c06	tm	TMINVPROT
27655	6c07	tm	TMS96EQUIP
27659	6c0b	tm	TMSLSLEQUIP
27661	6c0d	tm	TMTEDBLNK
27662	6c0e	tm	TMPMUXPMSG
27663	6c0f	tm	TMINCINTDATA
27664	6c10	tm	TMOSARGUMENT
27665	6c11	tm	TMOSCREATE
27666	6c12	tm	TMOSTIMER
27668	6c14	tm	TMIMTRKG
27669	6c15	tm	TMIMT_KS
27670	6c16	tm	TMIMTCKT
27671	6c17	tm	TMDPBINIT
27672	6c18	tm	TMITDC
27673	6c19	tm	TMITAC
27674	6c1a	tm	TMPSTRK_L2
27675	6c1b	tm	TMITIS
27676	6c1c	tm	TMXDSLEQUIP
27677	6c1d	tm	TMPTRMTPER
27678	6c1e	tm	TMEISSDBERR
27679	6c1f	tm	TMEISSTCHK
27680	6c20	tm	TMEISMSGER
27681	6c21	tm	TMEISDEBUG
27682	6c22	tm	TMEISDYERR
27683	6c23	tm	TMPORTBUSY
27684	6c24	tm	TMNODSLEQUIP
27685	6c25	tm	TMFACSTAT
27686	6c26	tm	TMNOLPT_PT
27687	6c27	tm	TMNOFC_LINE
27688	6c28	tm	TMNOFC_PORT
27689	6c29	tm	TMNOL_SPID
27690	6c2a	tm	TMNOSPID
27691	6c2b	tm	TMNOPSX25LN
27692	6c2c	tm	TMEQUIPLPT
27693	6c2d	tm	TMCKTLPORT
27694	6c2e	tm	TMODPLPORT
27695	6c2f	tm	TMPPDLPORT
27696	6c30	tm	TMNOCKTSOP
27697	6c31	tm	TMNOODPSOP
27698	6c32	tm	TMNOPPSOP

27699	6c33	tm	TMPORTIS
27700	6c34	tm	TMBLRFULL
27702	6c36	tm	TMEINOREP
27703	6c37	tm	TMETIMOUT
27704	6c38	tm	TMEHBFLR
27705	6c39	tm	TMEPREMT
27706	6c3a	tm	TMEITRSLT
27707	6c3b	tm	TMEIMSGLE
27708	6c3c	tm	TMEPRNVLD
27710	6c3e	tm	TME_MSUNEX
27711	6c3f	tm	TMEI_NORD
27712	6c40	tm	TMBADMAP
27713	6c41	tm	TM_EDDKBD
27714	6c42	tm	TM_EISYSER
27715	6c43	tm	TMEIS_DDUNX
27716	6c44	tm	TMEIS_PSUNX
27717	6c45	tm	TM_DD SMFR
27718	6c46	tm	TM_DDEIFR
27720	6c48	tm	TM3INCDATA
27721	6c49	tm	TMUSNOPRTLA
27722	6c4a	tm	TMELNK_KEY
27723	6c4b	tm	TMEIDSLNRD
27724	6c4c	tm	TMLS_LNK
27725	6c4d	tm	TMLS_GRP
27726	6c4e	tm	TMLGRPMEM
27727	6c4f	tm	TMLNKP_LS
27728	6c50	tm	TMGSM_OPC
27729	6c51	tm	TMLNKGRP
27730	6c52	tm	TMCICKGRP
27731	6c53	tm	TMDPC_DPCI
27732	6c54	tm	TMDPC_INFO
27733	6c55	tm	TMAPC_INFO
27734	6c56	tm	TMPMTHUD
27735	6c57	tm	TMSDLCOTYP
27740	6c5c	tm	TMSDLLPTYPE
27741	6c5d	tm	TMPORTCOND
27742	6c5e	tm	TMVPIDB
27744	6c60	tm	TMBADSDLREQ
27752	6c68	tm	TMGLUPDERR
27754	6c6a	tm	TMCNTFDASP
27762	6c72	tm	TMEIS_SM
27763	6c73	tm	TMGLEISEQ
27764	6c74	tm	TMUXR_GDCHK
27765	6c75	tm	TMGLESNXPR
27770	6c7a	tm	TMPMFACINT
27773	6c7d	tm	TMINVREQ
27774	6c7e	tm	TMEQUIPPORT
27775	6c7f	tm	TMNOEQUIPDSL
27776	6c80	tm	TMNOGROUP_P
27777	6c81	tm	TMNOLOCEQ
27778	6c82	tm	TMCCSCADN
27779	6c83	tm	TMNOCCODE
27780	6c84	tm	TMNOAMPCI7GR
27781	6c85	tm	TMNOPCI7GR
27782	6c86	tm	TMNOMODATT
27783	6c87	tm	TMNOMTBS96
27784	6c88	tm	TMNOPICB
27785	6c89	tm	TMNOPRT_GRP
27786	6c8a	tm	TMNOFC_TRUNK
27787	6c8b	tm	TMNORC_EQLOC
27788	6c8c	tm	TMNOROUT
27789	6c8d	tm	TMNORT_TRKG
27790	6c8e	tm	TMPC_MSUSG
27791	6c8f	tm	TMPRT6LAB
27792	6c90	tm	TMPRT7LAB
27793	6c91	tm	TMTGRPRK
27804	6c9c	tm	TMUPDCADN
27805	6c9d	tm	TMRDTARD
27806	6c9e	tm	TMGETISMDB
27811	6ca3	tm	TMDF2THRSH
27812	6ca4	tm	TMFPMFAIL
27813	6ca5	tm	TMHISDFIPM

27814	6ca6	tm	TMPRTCLS
27815	6ca7	tm	TMERR_DSLEQ
27816	6ca8	tm	TMFTH_LIT
27817	6ca9	tm	TMRLFACPM
27818	6caa	tm	TMPMFACGRP
27820	6cac	tm	TMFACTHRSH
27821	6cad	tm	TMRT2DS1
27822	6cae	tm	TMNOTG2SM
27823	6caf	tm	TMBADTG2SM
27824	6cb0	tm	TMBADCGATYP
27826	6cb2	tm	TMS96ABSIG
27827	6cb3	tm	TMCRT2DS1
27829	6cb5	tm	TMWDBRD_FAIL
27830	6cb6	tm	TMRT_MISC
27831	6cb7	tm	TMRTLAPD
27832	6cb8	tm	TMPROVERR
27833	6cb9	tm	TMPROVUERR
27835	6cbb	tm	TMPMDSLGRP
27836	6cbc	tm	TMPMTHRESH
27838	6cbe	tm	TMPVMAPINIT
27840	6cc0	tm	TMCKT_PORT
27841	6cc1	tm	TMUNIT_CKT
27846	6cc6	tm	TMSTADDFAIL
27847	6cc7	tm	TMA_NOPID
27848	6cc8	tm	TMPRIINV
27849	6cc9	tm	TMPRI_GRP
27850	6cca	tm	TMDCHN_PRI
27851	6ccb	tm	TMPRI_FACS
27852	6ccc	tm	TMPRISTINV
27858	6cd2	tm	TMAUDPDA
27859	6cd3	tm	TMAUNOTEILA
27860	6cd4	tm	TMAUDALB
27861	6cd5	tm	TMAUAPDU
27862	6cd6	tm	TMAURMSGBUF
27863	6cd7	tm	TMINV_APMTYP
27864	6cd8	tm	TMA_NOSIG
27865	6cd9	tm	TMAUNODALB
27866	6cda	tm	TMDBRDFAIL
27867	6cdb	tm	TMUPDERR
27870	6cde	tm	TMQUEFULL

18. 5E13 Numeric Index: 27871-28850

ERROR CODE	PRM CODE	RANGE	MNEMONIC
27871	6cdf	tm	TMFAC_PROV
27872	6ce0	tm	TMAUANQ
27873	6ce1	tm	TMASHTERM
27874	6ce2	tm	TMNODSCNLUP
27875	6ce3	tm	TMGRSORIG
27876	6ce4	tm	TMGRSBUFFUL
27877	6ce5	tm	TMLAB7PRT
27878	6ce6	tm	TM7UBLERR
27879	6ce7	tm	TMOUTCINDX7
27880	6ce8	tm	TMNODS1_PT
27881	6ce9	tm	TMC7ERR
27882	6cea	tm	TME7ERR
27883	6ceb	tm	TMP7ERR
27884	6cec	tm	TMT7ERR
27885	6ced	tm	TMGLRDERR
27886	6cee	tm	TMMC7TZAP
27887	6cef	tm	TMMC7IFAIL
27888	6cf0	tm	TMMC7TFULL
27889	6cf1	tm	TMIPCI7LAB
27890	6cf2	tm	TMGRSFAL
27891	6cf3	tm	TMTRANBAD
27892	6cf4	tm	TMMCAHPTLA
27893	6cf5	tm	TMGL7ERR
27894	6cf6	tm	TMDCOND
27895	6cf7	tm	TMGDSFFAIL
27896	6cf8	tm	TMCGALIST
27897	6cf9	tm	TMCGACKT

27898	6cfa	tm	TMCGAPORT
27899	6cfb	tm	TMCGAC2R
27900	6cfc	tm	TMCGAREL
27901	6cfd	tm	TMCGABLIST
27902	6cfe	tm	TMAUSMEST
27903	6cff	tm	TMNOCKTDATA
27906	6d02	tm	TMRPCU2NDN
27907	6d03	tm	TMAULLM_RDT
27908	6d04	tm	TMRDT2UNIT
27913	6d09	tm	TMDS12RT
27914	6d0a	tm	TMPMUNIT2RDT
27915	6d0b	tm	TMUNIT2RDT
27916	6d0c	tm	TMCFRDT2UNIT
27917	6d0d	tm	TMULNKTMR
27918	6d0e	tm	TMLNKTMR
27919	6d0f	tm	TMIDLETMR
27920	6d10	tm	TMBADTMR
27921	6d11	tm	TMGETTMR
27922	6d12	tm	TMOSTMR
27923	6d13	tm	TMPRT_PCIFAIL
27924	6d14	tm	TMRC_TRKFAIL
27925	6d15	tm	TMRC_TKTXCFAIL
27926	6d16	tm	TMAUUNIT2RDT
27927	6d17	tm	TMPORTLA_DATA
27928	6d18	tm	TMNO_BSERV
27929	6d19	tm	TMAMPCI7GR
27930	6d1a	tm	TMPRISTAT_DATA
27931	6d1b	tm	TMTEILA_DATA
27932	6d1c	tm	TMC7CADNFAIL
27933	6d1d	tm	TMPRIST_ERR
27934	6d1e	tm	TMXAMPCI7GR
27935	6d1f	tm	TMINHCORC
27936	6d20	tm	TMINVCLLI
27937	6d21	tm	TMMISPCI7LAB
27942	6d26	tm	TMCKTREL
28000	6d60	up	UPIMTVSV
28001	6d61	up	UPIMDESV
28002	6d62	up	UPIMHSER
28003	6d63	up	UPBADMH
28004	6d64	up	UPDFADRER
28005	6d65	up	UPIMCDTVM
28006	6d66	up	UPIMCTTVM
28007	6d67	up	UPIMCTX
28008	6d68	up	UPIMCHMM
28009	6d69	up	UPIMCHADR
28010	6d6a	up	UPIMCHEQU
28011	6d6b	up	UPIMCH2K
28012	6d6c	up	UPIMCDA
28013	6d6d	up	UPIMRIBH
28014	6d6e	up	UPIMRBIH
28015	6d6f	up	UPIMRRBH
28016	6d70	up	UPIMRD
28017	6d71	up	UPIMRIL
28018	6d72	up	UPCPLIST
28019	6d73	up	UPIMLIST
28020	6d74	up	UPFAPFAIL
28021	6d75	up	UPPHMSGERR
28022	6d76	up	UPBADCKT
28023	6d77	up	UPBADPICB
28024	6d78	up	UPPHN2PH
28025	6d79	up	UPCKT2CX
28026	6d7a	up	UPBADADDR
28027	6d7b	up	BADSMPADDR
28028	6d7c	up	UPBADMODE
28029	6d7d	up	UPODRULK
28030	6d7e	up	UPUNITCKT
28031	6d7f	up	UPCKTDATA
28032	6d80	up	UPBADSMEST
28033	6d81	up	UPBADSTAT
28034	6d82	up	UPDNCKT
28035	6d83	up	UPSMEST
28036	6d84	up	UPTMXMSG

28100	6dc4	ut	UTLAST
28125	6ddd	ama	AMBADMSG
28126	6dde	ama	AMREASERR
28127	6ddf	ama	AMTIMETOL
28128	6de0	ama	AMINVRSN
28129	6de1	ama	AMINVMMSG
28130	6de2	ama	AMIMBUFFPTR
28131	6de3	ama	AMIMENTRY
28132	6de4	ama	AMIMINVSCM
28133	6de5	ama	AMCPVSEMSG
28134	6de6	ama	AMCPRECSLOST
28135	6de7	ama	AMCPTRSTATE
28136	6de8	ama	AMCPWRSTATE
28137	6de9	ama	AMCPSQSTATE
28138	6dea	ama	AMCPTSPSP
28139	6deb	ama	AMWTSAMEMPTR
28140	6dec	ama	AMRDSAMEMPTR
28141	6ded	ama	AMSEDESTBAD
28142	6dee	ama	AMBCSTINUSE
28143	6def	ama	AMBCSTFAIL
28144	6df0	ama	AMBADDTRIG
28145	6df1	ama	AMTRTOFAIL
28146	6df2	ama	AMMDRGPBAD
28147	6df3	ama	AMMDRSMAPID
28148	6df4	ama	AMMDRQADD
28149	6df5	ama	AMMDRQDIST
28150	6df6	ama	AMMDRAMAPID
28151	6df7	ama	AMLPTFRD
28152	6df8	ama	AMINVFCA
28153	6df9	ama	AMFCAXIT
28164	6e04	ama	AMINVLCOMB
28165	6e05	ama	AMKINVMSG
28166	6e06	ama	AMKBADPTRS
28167	6e07	ama	AMKINVRSN
28168	6e08	ama	AMKNOPVC
28169	6e09	ama	AMKNOLDVC
28170	6e0a	ama	AMKINVTMR
28171	6e0b	ama	AMKMDRMERR
28172	6e0c	ama	AMKSNDERR
28173	6e0d	ama	AMKINVRATE
28174	6e0e	ama	AMKINVSGSZ
28175	6e0f	ama	AMINVLCC
28176	6e10	ama	AMINVRCL
28177	6e11	ama	AMNSBADCODE
28180	6e14	ama	AMVMRNG
28184	6e18	ama	AMINVDATA
28185	6e19	ama	AMBADRTBM
28198	6e26	ama	AMAICRFULL
28199	6e27	ama	AMAINVTIMER
28200	6e28	ama	AMASETIMER
28202	6e2a	ama	AMCNDFUP
28217	6e39	ama	AMFRDTUPFAIL
28218	6e3a	ama	AMKINVNIC
28219	6e3b	ama	AMICIXSTFST
28220	6e3c	ama	AMICIXXT
28221	6e3d	ama	AMCNDFIN
28222	6e3e	ama	AMCNDFDL
28223	6e3f	ama	AMCNDSTFST
28224	6e40	ama	AMCNDSTNXT
28225	6e41	ama	AMFCLNFRD
28226	6e42	ama	AMLTPTFRD
28227	6e43	ama	AMLASSEV
28228	6e44	ama	AMCNDDA
28229	6e45	ama	AMCNDFRD
28231	6e47	ama	AMBADSCFAM
28234	6e4a	ama	AMDNWATSFAM
28238	6e4e	ama	AMCPNBNCNT
28239	6e4f	ama	AMPSX25LN
28240	6e50	ama	AMPSBILLDN
28241	6e51	ama	AMOFFICECODE
28242	6e52	ama	AMODBERR
28243	6e53	ama	AMCLASSFT

28244	6e54	ama	AMSDALTM
28245	6e55	ama	AMSCALTM
28246	6e56	ama	AMSCRLTM
28247	6e57	ama	AMSCFLTM
28248	6e58	ama	AMISTMSTFST
28249	6e59	ama	AMISTMNXT
28250	6e5a	ama	AMINSPFIN
28251	6e5b	ama	AMINSPDA
28252	6e5c	ama	AMINSPFDL
28253	6e5d	ama	AMINPCNT
28255	6e5f	ama	AMEDSLSTFST
28256	6e60	ama	AMEDSLNXT
28257	6e61	ama	AMPCNMFIN
28258	6e62	ama	AMPCNAM
28259	6e63	ama	AMPCNMFDL
28260	6e64	ama	AMPCNMCNT
28261	6e65	ama	AMEDSLFRD
28279	6e77	ama	AMPMDRAPID
28280	6e78	ama	AMBCLFRD
28281	6e79	ama	AMBCGFRD
28282	6e7a	ama	AMBCLSTFST
28283	6e7b	ama	AMBCGSTFST
28284	6e7c	ama	AMBCLFDL
28285	6e7d	ama	AMBCGFDL
28286	6e7e	ama	AMBCLFUP
28287	6e7f	ama	AMBCGFUP
28288	6e80	ama	AMBCLSTNXT
28289	6e81	ama	AMBCGSTNXT
28290	6e82	ama	AMBCLFIN
28291	6e83	ama	AMBCGFIN
28292	6e84	ama	AMBCLDA
28293	6e85	ama	AMBCGDA
28294	6e86	ama	AMLTMNXT
28295	6e87	ama	AMMHTGNXT
28296	6e88	ama	AMLTMFST
28297	6e89	ama	AMMHTGFST
28299	6e8b	ama	AMCNAMFUP
28300	6e8c	ama	AMCNAMFIN
28301	6e8d	ama	AMCNAMUFUP
28302	6e8e	ama	AMCNAMFDL
28303	6e8f	ama	AMCNMSTFST
28304	6e90	ama	AMCNMSTNXT
28305	6e91	ama	AMFCCNMFRD
28306	6e92	ama	AMLTMCNFRD
28307	6e93	ama	AMCNAMDA
28308	6e94	ama	AMCNAMFRD
28309	6e95	ama	AMCNAMINT
28310	6e96	ama	AMCNAMERR
28311	6e97	ama	AMCNAMDB
28312	6e98	ama	AMKNOBDN
28313	6e99	ama	AMKUMTYP
28315	6e9b	ama	AMFRDMHTG
28321	6ea1	ama	AMOSPDAGT
28324	6ea4	ama	AMCWPTRD
28326	6ea6	cra	CRA_1_ASRT
28327	6ea7	cra	CRA_2_ASRT
28328	6ea8	cra	CRA_3_ASRT
28330	6eaa	cra	CRA_5_ASRT
28332	6eac	cra	CRA_7_ASRT
28334	6eae	cra	CRA_FF_BCI
28336	6eb0	cra	CRA_11_ASRT
28337	6eb1	cra	CRA_12_ASRT
28338	6eb2	cra	CRA_13_ASRT
28339	6eb3	cra	CRA_14_ASRT
28340	6eb4	cra	CRA_15_ASRT
28341	6eb5	cra	CRA_16_ASRT
28343	6eb7	cra	CRACRIDX
28345	6eb9	cra	CRA_20_ASRT
28346	6eba	cra	CRA_21_ASRT
28347	6ebb	cra	CRA_22_ASRT
28353	6ec1	cra	CRA_28_ASRT
28354	6ec2	cra	CRA_29_ASRT

28380	6edc	cra	CRAUXDAGT
28382	6ede	cra	CRBNSIDX
28383	6edf	cra	CRBNSBILL
28384	6ee0	cra	CRBQRYCNT
28385	6ee1	cra	CRINNSBL
28387	6ee3	cra	CRAUXEXRS
28388	6ee4	cra	CRAUXFARI
28389	6ee5	cra	CRAUXFATI
28390	6ee6	cra	CRAUXLOSP
28391	6ee7	cra	CRAUXOOR
28392	6ee8	cra	CRAUXUOSP
28393	6ee9	cra	CRBADARG
28394	6eea	cra	CRINSDYN
28395	6eeb	cra	CROSPDAGT
28396	6eec	cra	CROSPEXRS
28397	6eed	cra	CROSPFARI
28398	6eee	cra	CROSPFATI
28399	6eef	cra	CRRGLPRM
28400	6ef0	cra	CRUGLPRM
28401	6ef1	cra	CRDELDYN
28402	6ef2	cra	CRA_4_ASRT
28403	6ef3	cra	CRA_6_ASRT
28404	6ef4	cra	CRA_8_ASRT
28405	6ef5	cra	CRA_10_ASRT
28406	6ef6	cra	CRA_23_ASRT
28407	6ef7	cra	CRA_24_ASRT
28408	6ef8	cra	CRA_25_ASRT
28409	6ef9	cra	CRA_26_ASRT
28410	6efa	cra	CRA_27_ASRT
28411	6efb	cra	CRA_30_ASRT
28412	6efc	cra	CRBCR_NS
28414	6efe	cra	CROCRGET
28415	6eff	cra	CRGETPCBLA
28575	6f9f	opsp	SIOPSMFAIL
28576	6fa0	opsp	SIOPINVKEY
28577	6fa1	opsp	SIOPINVREAS
28578	6fa2	opsp	SIOPWMFAIL
28579	6fa3	opsp	SIOPUNMSG
28580	6fa4	opsp	SIOPINVSTATE
28581	6fa5	opsp	SIOPBBUSY
28582	6fa6	opsp	SIOPBREADY
28583	6fa7	opsp	SIOPBSETUP
28584	6fa8	opsp	SIOPBFINIT
28585	6fa9	opsp	SIOPBFMP
28586	6faa	opsp	SIOPINVCC
28588	6fac	opsp	SIOPMSGID
28589	6fad	opsp	SIOPHSRGBAD
28590	6fae	opsp	SIOPPRSTATE
28592	6fb0	opsp	SIOFLBAD
28593	6fb1	opsp	SIOPDDFAIL
28594	6fb2	opsp	SIOPRNGFAIL
28595	6fb3	opsp	SIOPDBBAD
28596	6fb4	opsp	SITERMREAS
28597	6fb5	opsp	SIOPREQTYPINV
28598	6fb6	opsp	IN2KALIGN
28599	6fb7	opsp	SIBADOPTYPE
28600	6fb8	opsp	SINIPINVODRID
28775	7067	ccs	CCSP_ENTRY
28776	7068	ccs	CCMG_BAD
28777	7069	ccs	CCNM_BAD
28778	706a	ccs	CCDATA_BAD
28779	706b	ccs	CCDARI_BAD
28780	706c	ccs	CCCHKOPEN
28781	706d	ccs	CCCHIOCTL
28782	706e	ccs	CCCHGWBUF
28783	706f	ccs	CCCHRECV
28784	7070	ccs	CCCHXMIT
28785	7071	ccs	CCCHRTN
28786	7072	ccs	CCDDW_BAD
28787	7073	ccs	CCMSGQFAIL
28788	7074	ccs	CCBADDTRG
28789	7075	ccs	CCNOBUF

28790	7076	CCS	CCDDFAIL
28791	7077	CCS	CCFAPRET
28792	7078	CCS	CCNOTQ
28793	7079	CCS	CCNOTMR
28794	707a	CCS	CCDBERR
28795	707b	CCS	CCBADSTATE
28796	707c	CCS	CCBADMSG
28797	707d	CCS	CCP6LABERR
28798	707e	CCS	CCBADUPART
28799	707f	CCS	CCP7LABERR
28800	7080	CCS	CCBADDATA
28801	7081	CCS	CCNORPB
28802	7082	CCS	CCLABP7ERR
28803	7083	CCS	CCOS_BAD
28804	7084	CCS	CCCLASS_BAD
28805	7085	CCS	CCPORTBAD
28806	7086	CCS	CCFOWNPC
28807	7087	CCS	CCDESTROY
28808	7088	CCS	CCUNKTDP
28809	7089	CCS	CCBADLEN
28810	708a	CCS	CCBADDPC
28811	708b	CCS	CCSND_KILL
28812	708c	CCS	CCNOLINK
28813	708d	CCS	CCSLTEST
28814	708e	CCS	CCNO_TDP
28815	708f	CCS	CCSND_NOKILL
28816	7090	CCS	CCPTDP
28817	7091	CCS	CCLS_STAT
28818	7092	CCS	CCLNK_STAT
28819	7093	CCS	CCPCLSLNK
28820	7094	CCS	CCDPC_STAT
28821	7095	CCS	CCLNK_NF
28822	7096	CCS	CCLKTSTTBL
28823	7097	CCS	CCQPHWQERR
28824	7098	CCS	CCS7MDB
28825	7099	CCS	CCTRANSER
28835	70a3	CCS	CCINIT_BAD
28836	70a4	CCS	CCDBPORTYP_BAD
28837	70a5	CCS	CCNOTERMPROC
28838	70a6	CCS	CCNOCCMSG
28839	70a7	CCS	CCIS6MSG_BAD
28840	70a8	CCS	CCISUPMSG_BAD
28841	70a9	CCS	CCDBLAB6_BAD
28842	70aa	CCS	CCRETCODE_BAD
28843	70ab	CCS	CCDBPCI_BAD
28844	70ac	CCS	CCAMTOUP_BAD
28845	70ad	CCS	CCDPC_ORDER
28846	70ae	CCS	CCIMS3BRD
28847	70af	CCS	CCIMS3BWT
28848	70b0	CCS	CCIMSBFR
28849	70b1	CCS	CCIMSOPEN
28850	70b2	CCS	CCIMSWRT

19. 5E13 Numeric Index: 28851-29940

ERROR CODE	PRM CODE	RANGE	MNEMONIC
28851	70b3	CCS	CCIPMHD
28852	70b4	CCS	CCOSWAKE
28853	70b5	CCS	CCOS_DEL
28854	70b6	CCS	CCTRSPENT
28855	70b7	CCS	CCRNBOF
28857	70b9	CCS	CCPSIU_FAIL
28858	70ba	CCS	CCXNOMSG
28859	70bb	CCS	CCNONREASON
28861	70bd	CCS	CCADSIIENT
28862	70be	CCS	CCADSIUMSG
28863	70bf	CCS	CCDSICRPT
28864	70c0	CCS	CCDSIIENT
28865	70c1	CCS	CCDSIINSPRC
28866	70c2	CCS	CCDSIUSG
28867	70c3	CCS	CCJBUFBAD

28868	70c4	ccs	CCBADEVENT
28869	70c5	ccs	CCBADJOB
28870	70c6	ccs	CCMSGNSENT
28871	70c7	ccs	CCNORESP
28872	70c8	ccs	CCBADODD
28873	70c9	ccs	CCNOPHUPD
28876	70cc	ccs	CCDDBINIT
28877	70cd	ccs	CCDDBMPRO
28878	70ce	ccs	CCDDBMSG
28879	70cf	ccs	CCDDBOPER
28880	70d0	ccs	CCDDBRCMP
28881	70d1	ccs	CCDDBRELID
28882	70d2	ccs	CCDDBUNPRO
28883	70d3	ccs	CCNOBFR
28884	70d4	ccs	CCNOQUE
28885	70d5	ccs	CCTRIG_BREL
28886	70d6	ccs	CCTRIG_ROP
28887	70d7	ccs	CCSND1TTY
28888	70d8	ccs	CCSND2TTY
28889	70d9	ccs	CCSND3TTY
28890	70da	ccs	CCHMACK
28892	70dc	ccs	CCUXPMSG
28893	70dd	ccs	CCSLMTST
28894	70de	ccs	CCRLMDPATH
28895	70df	ccs	CCNRESTTY
28896	70e0	ccs	CCNMSGTTY
28897	70e1	ccs	CCCTPTTY
28898	70e2	ccs	CCUXPTTY
28899	70e3	ccs	CCBADTTY
28900	70e4	ccs	CCBADFC_TRUNK
28907	70eb	ccs	XCCSBADMSG
28909	70ed	ccs	CCMGTYPE_BAD
28910	70ee	ccs	CCDBLAB7_BAD
28911	70ef	ccs	CCLAB6PCI
28912	70f0	ccs	CCDSISND
28915	70f3	ccs	CCQPHUNINIT
28918	70f6	ccs	CCUPDSTPDB
28919	70f7	ccs	CCRDTP
28920	70f8	ccs	CCNODLNMSG
28921	70f9	ccs	CCDBTC_AP
28922	70fa	ccs	CCDBTC_SS
28923	70fb	ccs	CCTCBLEN
28924	70fc	ccs	CCSSNIS
28925	70fd	ccs	CCSSNOOS
28935	7107	ccs	CCQSLSNOMATCH
28936	7108	ccs	CC_CCSSTPDB
28937	7109	ccs	CC_SNDISSETUP
28944	7110	ccs	CCOSRETURN
28947	7113	ccs	CCNO_SCMG
28953	7119	ccs	CCBADRC
28954	711a	ccs	CCSTATE_INVL
28956	711c	ccs	CCDCSIBADENTRY
28970	712a	ccs	CCBADAPXMSG
28972	712c	ccs	CCLS6LNK
28973	712d	ccs	CCWBTBLOCK
28974	712e	ccs	CCDCSIBDEVNT
28975	712f	ccs	CCDPCTAB
28976	7130	ccs	CCLSTAB
28977	7131	ccs	CCINVMSG
28978	7132	ccs	CCBAD_COS
28979	7133	ccs	CCQPHODDBAD
28981	7135	ccs	CCBADTID
28982	7136	ccs	CCBADACT
28983	7137	ccs	CCBADICT
28984	7138	ccs	CCODDBAD
28985	7139	ccs	CCTBLFUL
28986	713a	ccs	CCOSBCSTFAIL
28987	713b	ccs	CCBADKEY
28988	713c	ccs	CCRETRN
28992	7140	ccs	CCTYP_CI_CALL
29000	7148	ccs	CCCRBAD
29001	7149	ccs	CCCRBADN

29002	714a	CCS	CCNONALNK
29006	714e	CCS	CCGETRDB
29007	714f	CCS	CCGETXPT
29008	7150	CCS	CCGETRST
29010	7152	CCS	CCRDBXPT
29011	7153	CCS	CCRDBRST
29013	7155	CCS	CCRDBMDB
29014	7156	CCS	CCMDBLSS
29015	7157	CCS	CCLSSMDB
29020	715c	CCS	CCUNINIT
29021	715d	CCS	CCINVCONV
29022	715e	CCS	CCSSBAD
29023	715f	CCS	CCTCSCCP
29024	7160	CCS	CCTCTRANS
29025	7161	CCS	CCTCCOMP
29026	7162	CCS	CCNOGSMRQ
29027	7163	CCS	CCPROTERR
29031	7167	CCS	CCVERBER
29032	7168	CCS	CCBADPSUEVNT
29033	7169	CCS	CCBADREQ
29034	716a	CCS	CCUNKINIT
29035	716b	CCS	CCSNDBAD
29037	716d	CCS	CCAPXBADDATA
29038	716e	CCS	CCADDLSMCC
29039	716f	CCS	CCDELLSMCC
29040	7170	CCS	CCDSLEQUIP
29041	7171	CCS	CCINVLSDF
29042	7172	CCS	CCHMMCCMUPD
29043	7173	CCS	CCINVMCCACT
29045	7175	CCS	CCITT7LSMCC
29046	7176	CCS	CCMCCSTATE
29047	7177	CCS	CCPORTLA
29049	7179	CCS	CCOFF_PAR
29050	717a	CCS	CCINVPAGE
29051	717b	CCS	CCT7NOTLOADED
29052	717c	CCS	CCINVGSM
29053	717d	CCS	CCGSMNET
29054	717e	CCS	CCNETGSM
29055	717f	CCS	CCILSDPOL
29056	7180	CCS	CCPRST_BAD
29057	7181	CCS	CCTFPR_DPC
29058	7182	CCS	CCPHRDERR
29059	7183	CCS	CCS7PSA
29060	7184	CCS	CCDBPRT_PCI_BAD
29061	7185	CCS	CCDBRT_TRKG_BAD
29062	7186	CCS	CCSIGTYPE_RT_TRKG
29063	7187	CCS	CCHMMCCUPD
29064	7188	CCS	CCINVMCFLAG
29065	7189	CCS	CCHMMCCPT
29066	718a	CCS	CCALLOCERR
29067	718b	CCS	CCQUEUEMNERR
29068	718c	CCS	CCSRETURN
29069	718d	CCS	CCNTFYFAIL
29070	718e	CCS	CCFCCC_ISC
29071	718f	CCS	CCSDNBRET
29072	7190	CCS	CCINCLS
29073	7191	CCS	CCINCLNK
29080	7198	CCS	CCGSMPTERR
29081	7199	CCS	CCBADSRCH
29083	719b	CCS	CCBADCPSTATE
29084	719c	CCS	CCSSDSP_ENTRY
29085	719d	CCS	CCSSD_FULL
29086	719e	CCS	CCSSD_OSWBAD
29087	719f	CCS	CCSSD_TAGBAD
29088	71a0	CCS	CCSDAU_SPP
29089	71a1	CCS	CCSDRQ_SPP
29090	71a2	CCS	CCNOCHKINTMR
29091	71a3	CCS	CCMTPINITFAIL
29092	71a4	CCS	CCDATIMER
29094	71a6	CCS	CCLGRPMEM
29096	71a8	CCS	CCCLS_STAT
29097	71a9	CCS	CCCKTCDDIG

29098	71aa	ccs	FCPCC_CC
29099	71ab	ccs	CCBLNDAS
29100	71ac	ccs	CCBGRPNET
29101	71ad	ccs	CCBNETGRP
29102	71ae	ccs	CCLNBRET
29103	71af	ccs	CCLNPKG
29104	71b0	ccs	CCSDNPKG
29105	71b1	ccs	CCASPNLOAD
29106	71b2	ccs	CCUNEXP_STATE
29107	71b3	ccs	CCBADNS_TN
29108	71b4	ccs	CCINVSLSTAT
29109	71b5	ccs	CCINVSDL
29110	71b6	ccs	CCGSMTBL
29111	71b7	ccs	CCDLNINV
29113	71b9	ccs	CCFIXITY
29114	71ba	ccs	CCMPCTABL
29115	71bb	ccs	CCMSGVAL
29121	71c1	ccs	CCCLDNOA
29122	71c2	ccs	CCINVFCOS
29123	71c3	ccs	CCINVCIRCODE
29124	71c4	ccs	CCSIG_CICALL
29125	71c5	ccs	CCINVROLE
29127	71c7	ccs	CCGETDPB
29128	71c8	ccs	CCMDUNKACT
29129	71c9	ccs	CCAODRBAD
29130	71ca	ccs	CCRDICCSST
29131	71cb	ccs	CCDBSYSERR
29132	71cc	ccs	CCACBADMSG
29133	71cd	ccs	CCTMMC7SNDRET
29134	71ce	ccs	CCPKTINVAL
29135	71cf	ccs	CCSCVERE
29136	71d0	ccs	CCNMMGBBK
29137	71d1	ccs	CCTRANBAD
29138	71d2	ccs	CCZOMBIE
29139	71d3	ccs	CCTPTBDP
29140	71d4	ccs	CCMBG2BG
29141	71d5	ccs	CCRT_TG
29142	71d6	ccs	CCMBG2TG
29143	71d7	ccs	CCXPSYNC
29144	71d8	ccs	CCOC_UNKFAC
29145	71d9	ccs	CCPORTCOND
29146	71da	ccs	CCHMERR
29147	71db	ccs	CCSNOTUP
29148	71dc	ccs	CCSDPCSSN
29149	71dd	ccs	CCTBLDFAIL
29150	71de	ccs	CCINRSPEVNT
29151	71df	ccs	CCJIPFL
29152	71e0	ccs	CCFCAOVFL
29159	71e7	ccs	CCBADAMTKGP
29160	71e8	ccs	CCBADAMCMCID
29161	71e9	ccs	CCOSPSMON
29163	71eb	ccs	CCINVPLAT
29164	71ec	ccs	CCPLATINV
29165	71ed	ccs	CCHOPCNT
29166	71ee	ccs	CCEXCHRTG
29177	71f9	ccs	CCAPPL_PLAT
29178	71fa	ccs	CCLDPS2
29179	71fb	ccs	CCINVTNSC
29180	71fc	ccs	CCLDPS1
29181	71fd	ccs	CCFEATNOTSUP
29188	7204	ccs	CCCUTTHRU
29189	7205	ccs	CCPORTLA_DATA
29190	7206	ccs	CCACCTCODE
29195	720b	ccs	CCNORTDATA
29197	720d	ccs	CC_MSGBAD
29198	720e	ccs	CCTRMFEAT
29216	7220	ccs	CCDNFEAT
29225	7229	ccs	CCVQIDERR
29226	722a	ccs	CCINCGRP
29227	722b	ccs	CCSMMIBF
29228	722c	ccs	CCSMUNXM
29229	722d	ccs	CCSMMRDF

29230	722e	CCS	CCSMRSTR
29231	722f	CCS	CCSMMDLI
29232	7230	CCS	CCSMMIBM
29233	7231	CCS	CCSMEMQC
29234	7232	CCS	CCSMEMQE
29235	7233	CCS	CCSMEMQF
29236	7234	CCS	CCSMIMBF
29237	7235	CCS	CCSMMSGI
29238	7236	CCS	CCSMMSTI
29239	7237	CCS	CCSMSFRC
29240	7238	CCS	CCSMTMRR
29241	7239	CCS	CCSMEMQP
29242	723a	CCS	CCSMPARG
29243	723b	CCS	CCSMSJNS
29244	723c	CCS	CCSMTMRL
29246	723e	CCS	CCSCBADADDR
29247	723f	CCS	CCSCBADLGTH
29248	7240	CCS	CCSCBADMSG
29249	7241	CCS	CCNOSCMT
29250	7242	CCS	CCTABSZE
29252	7244	CCS	CCCASE_BAD_SW
29253	7245	CCS	CCC7LOSS_INV
29254	7246	CCS	CCC7RCG_INV
29255	7247	CCS	CCC7LCG_INV
29261	724d	CCS	CCSGSMNET
29262	724e	CCS	CCSINDEXI
29263	724f	CCS	CC_DPCIND
29266	7252	CCS	CCNA7MSGIN
29267	7253	CCS	CCBCSTQFL
29268	7254	CCS	CCSSSNINV
29269	7255	CCS	CCSMDLSTAR
29270	7256	CCS	CCSFTPSCMG
29273	7259	CCS	CCSCMPREL
29274	725a	CCS	CCSNETGSM
29275	725b	CCS	CCSBKINV
29276	725c	CCS	CCCLD_ELAUD
29277	725d	CCS	CCCNG_ELAUD
29278	725e	CCS	CCADM_ELAUD
29279	725f	CCS	CCTAB_ID_BAD
29280	7260	CCS	CCREASNBAD
29290	726a	CCS	CCDBDSAPP
29291	726b	CCS	CCTATYPE
29292	726c	CCS	CCQIWKEY
29297	7271	CCS	CCTCINVAPP
29298	7272	CCS	CCPS_CHNG
29300	7274	CCS	CCTBL_ERAUD
29301	7275	CCS	CCTYP_ERAUD
29302	7276	CCS	CCINFOERAUD
29303	7277	CCS	CCFXDGERR
29304	7278	CCS	CCPRSQERR
29305	7279	CCS	CCNTGSMERR
29306	727a	CCS	CCINSSNERR
29308	727c	CCS	CCSAEASCCP
29310	727e	CCS	CCNOMEM
29318	7286	CCS	CCLNVRT
29322	728a	CCS	CCNOHSHTIMER
29323	728b	CCS	CCLOMEMSM
29326	728e	CCS	CCNOLCK
29328	7290	CCS	CCFULLDPC
29339	729b	CCS	CCBNS_IDX
29340	729c	CCS	CCBCR_NS
29341	729d	CCS	CCERRAILS
29342	729e	CCS	CCICRMEM
29343	729f	CCS	CCHSHNOTDONE
29344	72a0	CCS	CCBDRTSD
29345	72a1	CCS	CCINVDPCI
29346	72a2	CCS	CCSCNMINFAL
29347	72a3	CCS	CCGSCINIT
29355	72ab	CCS	CCBCDOVFL
29364	72b4	CCS	CCINSFLSM
29368	72b8	CCS	CCS7RDB
29369	72b9	CCS	CCBCDGOVFL

29419	72eb	ccs	CCBAD_CACHE
29420	72ec	ccs	CCBAD_LNK_MNG
29421	72ed	ccs	CCBAD2_CACHE
29427	72f3	ccs	CCDPCTA2
29428	72f4	ccs	CCDPC_S2
29429	72f5	ccs	CCDBERR2
29430	72f6	ccs	CCINVMRISP
29475	7323	ccs	CCRCGTMR
29476	7324	ccs	CCDPCRCG
29477	7325	ccs	CCCONGTYPE
29480	7328	ccs	CCBADCONGUPD
29482	732a	ccs	CCNOGSMI
29483	732b	ccs	CCGETRCG
29484	732c	ccs	CCLVLCG
29485	732d	ccs	CCGTRCGTMR
29488	7330	ccs	CCPP_TRUNK
29489	7331	ccs	CCPP_CF
29525	7355	ccs	CCUIDMBGBK
29675	73eb	cmram	CMDDLSTATE
29676	73ec	cmram	CMDDLTIM
29677	73ed	cmram	CMDDLPARAM
29678	73ee	cmram	CMDDLPCR
29679	73ef	cmram	CMDDLPKT
29680	73f0	cmram	CMDDLRETC
29681	73f1	cmram	CMDDLRCCLDATA
29682	73f2	cmram	CMOSSIGNAL
29683	73f3	cmram	CMNOICC
29684	73f4	cmram	CMDDLDATA
29685	73f5	cmram	CMDDLIDLE
29686	73f6	cmram	CMDDLCC
29687	73f7	cmram	CMDDLGG
29688	73f8	cmram	CMFAC2RCLNUL
29689	73f9	cmram	CMCKT2PICBNUL
29905	74d1	acd	ACABNCQ
29906	74d2	acd	ACABNCQOWN
29907	74d3	acd	ACFDCCLTQ
29908	74d4	acd	ACFDCNOCT
29909	74d5	acd	ACFDCNEG
29910	74d6	acd	ACFDCQ
29911	74d7	acd	ACFDSSTQ
29912	74d8	acd	ACITGPCR
29913	74d9	acd	ACOCNPCR
29914	74da	acd	ACOSTSTQ
29915	74db	acd	ACOSTSRVT
29916	74dc	acd	ACOSTNOST
29917	74dd	acd	ACREQCLTQ
29918	74de	acd	ACRMCLLF
29919	74df	acd	ACREQSRVT
29920	74e0	acd	ACREQNEG
29921	74e1	acd	ACREQNOST
29922	74e2	acd	ACSFCOLOG
29923	74e3	acd	ACSFCNLOG
29924	74e4	acd	ACUPDSRVT
29925	74e5	acd	ACUPDRS
29926	74e6	acd	ACUPDAT
29927	74e7	acd	ACACDBMG
29928	74e8	acd	ACFDCBCT
29929	74e9	acd	ACPSAOCR
29930	74ea	acd	ACPSASTQ
29931	74eb	acd	ACREQNOCT
29932	74ec	acd	ACREQBIR
29933	74ed	acd	ACREQBFR
29934	74ee	acd	ACMTMNOW
29935	74ef	acd	ACMTMNOP
29936	74f0	acd	ACMTMERR
29937	74f1	acd	ACMTMDB
29938	74f2	acd	ACCDNOTC
29939	74f3	acd	ACCDANTC
29940	74f4	acd	ACORNOCT

20. 5E13 Numeric Index: 29941-30520

ERROR CODE	PRM CODE	RANGE	MNEMONIC
29941	74f5	acd	ACORANCT
29942	74f6	acd	ACPSNOST
29943	74f7	acd	ACPSANST
29944	74f8	acd	ACPTMNWR
29945	74f9	acd	ACPTMNPR
29946	74fa	acd	ACCDNOTK
29947	74fb	acd	ACCDANTK
29948	74fc	acd	ACRFNOST
29949	74fd	acd	ACRFANST
29950	74fe	acd	ACPTMNOW
29951	74ff	acd	ACPTMNOP
29952	7500	acd	ACASVSTQ
29953	7501	acd	ACASVPST
29954	7502	acd	ACASVSRVT
29955	7503	acd	ACASVDB
29956	7504	acd	ACBSSTQ
29957	7505	acd	ACBSSRVT
29958	7506	acd	ACBSDB
29959	7507	acd	ACBSPST
29960	7508	acd	ACLGMSG
29961	7509	acd	ACLGLOG
29962	750a	acd	ACLGSTQ
29963	750b	acd	ACLGTPS
29964	750c	acd	ACLGTSRVT
29965	750d	acd	ACLGTD
29966	750e	acd	ACLGLOG
29967	750f	acd	ACQCLCQ
29968	7510	acd	ACQCLCLTQ
29969	7511	acd	ACQCLDB
29970	7512	acd	ACRMCCQ
29971	7513	acd	ACRMCCLTQ
29972	7514	acd	ACRMCD
29973	7515	acd	ACSCTDB
29974	7516	acd	ACSCTCLTQ
29975	7517	acd	ACACKPC
29976	7518	acd	ACACKMSG
29977	7519	acd	ACICLTFO
29978	751a	acd	ACICLCLTQ
29979	751b	acd	ACICLDEF
29980	751c	acd	ACISVSTFO
29981	751d	acd	ACISVSVTM
29982	751e	acd	ACISVDEF
29983	751f	acd	ACILGOLGN
29984	7520	acd	ACILGLOG
29985	7521	acd	ACILGDEF
29986	7522	acd	ACITQPPRT
29987	7523	acd	ACITQSTQ
29988	7524	acd	ACITQDEF
29989	7525	acd	ACITQSVTM
29990	7526	acd	ACITQLNK
29991	7527	acd	ACICQCLTQ
29992	7528	acd	ACICQCQ
29993	7529	acd	ACICQLNK
29994	752a	acd	ACMTQCLTQ
29995	752b	acd	ACMTQSVTM
29996	752c	acd	ACMTQRSTQ
29997	752d	acd	ACMTQRCQ
29998	752e	acd	ACCWTPDB
29999	752f	acd	ACMTQGSTQ
30000	7530	acd	ACMTQGCQ
30001	7531	acd	ACTPEICLQ
30002	7532	acd	ACTPECLTQ
30003	7533	acd	ACTSTSVTM
30004	7534	acd	ACTLGILGN
30005	7535	acd	ACTLGD LGN
30006	7536	acd	ACTLGLGN
30007	7537	acd	ACTLGSTQ
30008	7538	acd	ACTLGSVTM
30009	7539	acd	ACTLGERRN
30010	753a	acd	ACTLGRSTQ

30011	753b	acd	ACTLGTSTQ
30012	753c	acd	ACTLGDEF
30013	753d	acd	ACTPTISTQ
30014	753e	acd	ACTPTLNK
30015	753f	acd	ACTPTSVTM
30016	7540	acd	ACTPTSTQ
30017	7541	acd	ACTPTUNLK
30018	7542	acd	ACTPTDSTQ
30019	7543	acd	ACADMHCQ
30020	7544	acd	ACACWSVTM
30021	7545	acd	ACACWMSG
30022	7546	acd	ACACWMDT
30023	7547	acd	ACPCWPDB
30024	7548	acd	ACPCWNOW
30025	7549	acd	ACPCWMSG
30026	754a	acd	ACPCWPRT
30027	754b	acd	ACRMCLNK
30028	754c	acd	ACRMCMMSG
30029	754d	acd	ACMTQLNK
30030	754e	acd	ACMTQASTQ
30031	754f	acd	ACABNLNK
30032	7550	acd	ACLGCLTQ
30033	7551	acd	ACLGLNK
30034	7552	acd	ACQCLINK
30035	7553	acd	ACIRQSTQ
30036	7554	acd	ACIRQPST
30037	7555	acd	ACPTSPDB
30038	7556	acd	ACPTSPRT
30039	7557	acd	ACPTLPDB
30040	7558	acd	ACPTLPRT
30041	7559	acd	ACPTLSTM
30042	755a	acd	ACPTLTDB
30043	755b	acd	ACCTDEF
30047	755f	acd	ACLOGDEF
30048	7560	acd	ACORNIST
30049	7561	acd	ACORNISF
30050	7562	acd	ACREQIST
30051	7563	acd	ACREQIFH
30052	7564	acd	ACOSNOIF
30053	7565	acd	ACOSNOIH
30054	7566	acd	ACECTDTG
30055	7567	acd	ACECTDDX
30056	7568	acd	ACCTDETQ
30057	7569	acd	ACISVISTP
30058	756a	acd	ACTISTSVT
30059	756b	acd	ACORRRER
30060	756c	acd	ACORUNKR
30061	756d	acd	ACRCTDIF
30062	756e	acd	ACRCTDER
30063	756f	acd	ACICTDRL
30064	7570	acd	ACNTRSRVT
30065	7571	acd	ACNTRBGR
30066	7572	acd	ACNTRINV
30067	7573	acd	ACTIFIUTM
30068	7574	acd	ACFDCNSST
30069	7575	acd	ACQRFNST
30070	7576	acd	ACFDSSPTM
30071	7577	acd	ACREQCQ
30072	7578	acd	ACISVIFLW
30073	7579	acd	ACTSTUSTM
30074	757a	acd	ACQXNOCT
30075	757b	acd	ACQRYNST
30076	757c	acd	ACQRYNCT
30077	757d	acd	ACQXCQDB
30078	757e	acd	ACNQRYST
30079	757f	acd	ACNQRYCT
30080	7580	acd	ACQRYCTN
30081	7581	acd	ACQRYWQT
30082	7582	acd	ACQXFRCQ
30083	7583	acd	ACICQGP1
30084	7584	acd	ACICQGP2
30085	7585	acd	ACICQGP3

30086	7586	acd	ACICQGP4
30087	7587	acd	ACTPEGP1
30088	7588	acd	ACTPEGP2
30089	7589	acd	ACTPECL1
30090	758a	acd	ACTPECL2
30091	758b	acd	ACTPECL3
30092	758c	acd	ACTPECQ
30093	758d	acd	ACTPELNK
30094	758e	acd	ACQRFNCT
30098	7592	acd	ACREQNST
30099	7593	acd	ACBADQCDB
30100	7594	acd	ACCQDETRD
30101	7595	acd	ACRIVLGN
30113	75a1	acd	ACICTDLP
30305	7661	oa	OANFTLDB
30306	7662	oa	OAD_RTNMSG
30307	7663	oa	OABAD_INT_MSG
30308	7664	oa	OAAPB_TMRFAIL
30309	7665	oa	OABADRET
30310	7666	oa	OABADSTATE
30311	7667	oa	OAINV_QRY_DATA
30312	7668	oa	OABAD_EXT_MSG
30313	7669	oa	OAACC_TIMO
30314	766a	oa	OAACC_TYPE
30315	766b	oa	OAPARM_RDF
30316	766c	oa	OAMNTDTMRF
30317	766d	oa	OAMNTD_TMRO
30318	766e	oa	OABADPARM
30319	766f	oa	OAMNTD_IMTXT
30320	7670	oa	OAMNTGTMRF
30321	7671	oa	OAMNTG_PHF
30322	7672	oa	OABRDG_FAL
30323	7673	oa	OASEND_FAL
30324	7674	oa	OADEAC_TMRO
30325	7675	oa	OA0000
30326	7676	oa	OAPOS_STILMON
30327	7677	oa	OAMNUNXCLR
30328	7678	oa	OAUNXREL
30329	7679	oa	OA0004
30330	767a	oa	OAPTRFAIL
30331	767b	oa	OAACCSFAIL
30332	767c	oa	OAQRYFAIL
30333	767d	oa	OACCMODF
30334	767e	oa	OAAPBFAIL
30335	767f	oa	OAQRYMODF
30336	7680	oa	OANORTGEN
30337	7681	oa	OANULEMG
30338	7682	oa	OABADQUE
30339	7683	oa	OAPOS_LPRT
30340	7684	oa	OATPSITP
30341	7685	oa	OATPSGTP
30342	7686	oa	OATPSDTP
30343	7687	oa	OADIGCOSERR
30344	7688	oa	OADIGKEYERR
30345	7689	oa	OATKCRERR
30346	768a	oa	OACFCRERR
30347	768b	oa	OADNNERR
30348	768c	oa	OAOCNERR
30349	768d	oa	OAPUR_PROC
30350	768e	oa	OABAD_DA_RET
30351	768f	oa	OABAD_REQ_TYPE
30352	7690	oa	OABAD_TA_TYPE
30353	7691	oa	OABAD_TRK_GRP
30354	7692	oa	OABAD_2TK_GRP
30355	7693	oa	OARTCRERR
30356	7694	oa	OASACERR
30357	7695	oa	OASACDRIERR
30358	7696	oa	OA0033
30359	7697	oa	OALPRTPOSF
30360	7698	oa	OALPRTACCSF
30361	7699	oa	OAPTRLNKF
30362	769a	oa	OASTIN_RD

30363	769b	oa	OAPSLPRTRD
30364	769c	oa	OARMIDLEF
30365	769d	oa	OAATAPF
30366	769e	oa	OAABUSYF
30367	769f	oa	OARMTAPF
30368	76a0	oa	OARMBUSYF
30369	76a1	oa	OA_INVLDTYP
30370	76a2	oa	OAAIDLEF
30371	76a3	oa	OA0046
30372	76a4	oa	OAANRIREAS
30373	76a5	oa	OA0048
30374	76a6	oa	OAOPSTLVL
30375	76a7	oa	OA0050
30376	76a8	oa	OATFSTLVL
30377	76a9	oa	OAIFATPDB
30378	76aa	oa	ATAVT_A
30379	76ab	oa	OAIFRV
30380	76ac	oa	OAIFNAR
30381	76ad	oa	OAUMSGWR
30382	76ae	oa	OA0057
30383	76af	oa	OA0058
30384	76b0	oa	OA0059
30385	76b1	oa	OAARATECONN
30386	76b2	oa	OABADZNNEXT
30387	76b3	oa	OALPSGFL
30388	76b4	oa	OA_OSCNM
30389	76b5	oa	OACLG_BAD
30390	76b6	oa	OAD_UNACMSG
30391	76b7	oa	OAD_BADPOSID
30392	76b8	oa	OAD_BADESTID
30393	76b9	oa	OAD_SRSPFL
30394	76ba	oa	OABILL_BAD
30395	76bb	oa	OABRSN_AQTP
30396	76bc	oa	OABADRANGE
30397	76bd	oa	OANO_TCB
30398	76be	oa	OAWSETUXM
30399	76bf	oa	OAWDISCUXM
30400	76c0	oa	OASTWACKUXM
30401	76c1	oa	OAQWSZUXM
30402	76c2	oa	OAQWANUXM
30403	76c3	oa	OAQANTKUXM
30404	76c4	oa	OAQWACKUXM
30405	76c5	oa	OATTKUXM
30406	76c6	oa	OAACNBFL
30407	76c7	oa	OAACNIFL
30408	76c8	oa	OACNLKFL
30409	76c9	oa	OALINETERM
30410	76ca	oa	OAPICBNT
30411	76cb	oa	OAPICBNM
30412	76cc	oa	OAFCTRNT
30413	76cd	oa	OAFCTRNM
30414	76ce	oa	OAF COPNT
30415	76cf	oa	OAF COPNM
30416	76d0	oa	OANODALB
30417	76d1	oa	OA_AQSENDL
30418	76d2	oa	OA_RSTPID
30419	76d3	oa	OA_RSTTM
30420	76d4	oa	OA_DNMSGTO
30421	76d5	oa	OA_AQONHK
30422	76d6	oa	OA_AQUNMSG
30423	76d7	oa	OABADPROG
30424	76d8	oa	OASTINDATA
30425	76d9	oa	OACCPCTUP
30426	76da	oa	OABLVSCRN
30427	76db	oa	OABLVEXCL
30428	76dc	oa	OAD_BCTME
30429	76dd	oa	OAD_BSTME
30430	76de	oa	OAD_BDRSTRT
30431	76df	oa	OAD_BADFLAG
30432	76e0	oa	OANO_OTP
30433	76e1	oa	OABADDEST
30434	76e2	oa	OACRMTR

30435	76e3	oa	OAOLSERR
30436	76e4	oa	OABK_NOT_ACQS
30437	76e5	oa	OATRNATED
30438	76e6	oa	OAD_OSSENDFL
30439	76e7	oa	OAD_LSNOMAT
30440	76e8	oa	OAD_OSWGETFL
30441	76e9	oa	OAOTR_VLDL
30442	76ea	oa	OASENDMSGFL
30443	76eb	oa	OACNNLKD
30444	76ec	oa	OARCNBFL
30445	76ed	oa	OARCNIFL
30446	76ee	oa	OACARD_4FAIL
30447	76ef	oa	OANCDCOC_BAD
30448	76f0	oa	OAOLG_TUP
30449	76f1	oa	OACDCOC_BAD
30450	76f2	oa	OABNSCOC_BAD
30451	76f3	oa	OAANYCOC_BAD
30452	76f4	oa	OA0127
30453	76f5	oa	OAQUERY_BAD
30454	76f6	oa	OATRKGRP_BAD
30455	76f7	oa	OASTIN_TUP
30456	76f8	oa	OAOLG_READ
30457	76f9	oa	OARESX_READ
30458	76fa	oa	OAPOS_READ
30459	76fb	oa	OACTIN_READ
30460	76fc	oa	OAUNXMSG
30461	76fd	oa	OALOGSTAT
30462	76fe	oa	OAOUT_CALL
30463	76ff	oa	OANUM_TYPE
30464	7700	oa	OAEXTDL_PER
30465	7701	oa	OACONF_OP
30466	7702	oa	OAUNX_PID
30467	7703	oa	OAANOKEY
30468	7704	oa	OAIN_TMSG_BAD
30469	7705	oa	OASDN_RC
30470	7706	oa	OASEZ_TYPE
30471	7707	oa	OAFALDROP
30472	7708	oa	OAPOS_INIT
30473	7709	oa	OAMAKE_BUSY
30474	770a	oa	OAAPCCC
30475	770b	oa	OA0150
30476	770c	oa	OACOCENUM_BAD
30477	770d	oa	OA_INCPTR
30478	770e	oa	OA_INCAQFAIL
30479	770f	oa	OA_OSENMCB
30480	7710	oa	OA_UESNMSG
30481	7711	oa	OA_BADRETN
30482	7712	oa	OA_UNEXCLSS
30483	7713	oa	OATRKCK_COC_OPINIT
30484	7714	oa	OA_NOHOBSC
30485	7715	oa	OABCKQZ_CRD_COC
30486	7716	oa	OA_INCTRGID
30487	7717	oa	OANORECV
30488	7718	oa	OA_AQTGFAIL
30489	7719	oa	OANSUBERR
30490	771a	oa	OABADPHRASE
30491	771b	oa	OAZANCTYP
30492	771c	oa	OABADDBFRD
30493	771d	oa	OAODISP
30494	771e	oa	OADNSTART
30495	771f	oa	OAINV_CT
30496	7720	oa	OANTINDB
30497	7721	oa	OARSP_ENTRY
30498	7722	oa	OARSPUNXP
30499	7723	oa	OARET_ERR
30500	7724	oa	OABOOL_ERR
30501	7725	oa	OAMON_PERM
30502	7726	oa	OABN_MONITRD
30503	7727	oa	OAXPMSG
30504	7728	oa	OABADDATA
30505	7729	oa	OAHTLREL
30506	772a	oa	OANXXREL

30507	772b	oa	OATMREL
30508	772c	oa	OAINACCS
30509	772d	oa	OADEACCS
30510	772e	oa	OATSTACCS
30511	772f	oa	OATADA_MIX
30512	7730	oa	OA_AUNEXMSG
30513	7731	oa	OAD_EMTPOSDB
30514	7732	oa	OAD_FINFL
30515	7733	oa	OAD_FRDFL
30516	7734	oa	OAD_FUPFL
30517	7735	oa	OAA_INCRSN
30518	7736	oa	OAD_INCRSN
30519	7737	oa	OAD_INITFL
30520	7738	oa	OAD_INVMSG

21. 5E13 Numeric Index: 30521-30900

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30521	7739	oa	OAD_INVST
30522	773a	oa	OA_INCRESN
30523	773b	oa	OA_UNEXWMSG
30524	773c	oa	OAVT_OLS
30525	773d	oa	OAR_UNEXMSG
30526	773e	oa	OAD_OSTMOUT
30527	773f	oa	OAR_INCRSN
30528	7740	oa	OASTATUPDT
30529	7741	oa	OAD_POSFRDFL
30530	7742	oa	OAD_STATFL
30531	7743	oa	OAD_UNEXMSG
30532	7744	oa	OAOLINETERM
30533	7745	oa	OAD_OSERANGE
30534	7746	oa	OAD_OSENOTCB
30535	7747	oa	OABCKNUMERR
30536	7748	oa	OATMZN
30537	7749	oa	OAGBLTMZN
30538	774a	oa	OAD_DSLNOMAT
30539	774b	oa	OAD_DSLFRDFL
30540	774c	oa	OAATCSSD
30541	774d	oa	OACIEXMP
30542	774e	oa	OAD_POSIDNTSM
30543	774f	oa	OAFAILNAME
30544	7750	oa	OAD_INVPRN
30545	7751	oa	OAD_DASCFULL
30546	7752	oa	OAD_FDLFL
30547	7753	oa	OAOPBPOOL
30548	7754	oa	OAOPBADREQ
30549	7755	oa	OAOPHBSTOP
30550	7756	oa	OAOPPRFAIL
30551	7757	oa	OAOPNOBUF
30552	7758	oa	OAOPDBFAIL
30553	7759	oa	OAOPBADVAL
30554	775a	oa	OACINPAF
30555	775b	oa	OABADTRN
30556	775c	oa	OACINV
30557	775d	oa	OACINVBK
30558	775e	oa	OACIBBCK
30559	775f	oa	OAINVRES
30560	7760	oa	OAUEXPMSG
30561	7761	oa	OAUEXPRET
30562	7762	oa	OAFDBRM
30563	7763	oa	OAFDBADD
30564	7764	oa	OADBRLCT
30565	7765	oa	OAFAILRSV
30566	7766	oa	OAFAILJOIN
30567	7767	oa	OAFAILCNFG
30568	7768	oa	OATPSIPOS
30569	7769	oa	OATPSPRLA
30570	776a	oa	OATPSPSDB
30571	776b	oa	OATPSDPOS
30572	776c	oa	OACIOATG
30573	776d	oa	OASTIN_OAEDI

30574	776e	oa	OACOPUN
30575	776f	oa	OAFSPLIT
30576	7770	oa	OACIOTTG
30577	7771	oa	OACIABBK
30578	7772	oa	OACIABFW
30579	7773	oa	OAIRTCAR
30580	7774	oa	OACILMIS
30581	7775	oa	OACSCCLN
30582	7776	oa	OACILATA
30583	7777	oa	OACINVEA
30584	7778	oa	OAUNONOFF
30585	7779	oa	OAUNRLOFFON
30586	777a	oa	OAUNSDS
30587	777b	oa	OAUNTRANROW
30588	777c	oa	OAMTBENUM
30589	777d	oa	OADASCVENDOR
30590	777e	oa	OATMAREA
30591	777f	oa	OACINMAP
30592	7780	oa	OAOFRRERR
30593	7781	oa	OACPTGRP
30594	7782	oa	OAATPDBINIT
30595	7783	oa	OAD_REINTLNK
30596	7784	oa	OATCMOBF
30597	7785	oa	OAATPDBLE
30598	7786	oa	OAATPUXM
30599	7787	oa	OARASTUXM
30600	7788	oa	OAWRAFUXM
30601	7789	oa	OABRCHKTRQ
30602	778a	oa	OANRTGEN
30603	778b	oa	OABANSTIN
30604	778c	oa	OAFAPERR
30605	778d	oa	OABRT_RPRL
30606	778e	oa	OAXRCLR
30607	778f	oa	OABADCGRP
30608	7790	oa	OATKLCERR
30609	7791	oa	OAE_SRVCFL
30610	7792	oa	OARCLTYPFL
30611	7793	oa	OAINV_RAT_DATA
30612	7794	oa	OABADTRANS
30613	7795	oa	OAE_EISIDFL
30614	7796	oa	OAE_SEIZFL
30615	7797	oa	OABADRTENUM
30616	7798	oa	OABADCALLCLASS
30617	7799	oa	OAUNXPATHTREL
30618	779a	oa	OANOPHT_REL
30619	779b	oa	OAE_RLSFL
30620	779c	oa	OAE_SNDMSGFL
30621	779d	oa	OAEISUNXMSG
30622	779e	oa	OABADREST
30623	779f	oa	OANORCLTUP
30624	77a0	oa	OAE_REASONFL
30625	77a1	oa	OACIDTGN
30626	77a2	oa	OACIDTXT
30627	77a3	oa	OAVT_TCS
30628	77a4	oa	OABADNPA
30629	77a5	oa	OABADNXX
30630	77a6	oa	OAENODALB
30631	77a7	oa	OAAOEXTENT
30632	77a8	oa	OABADOPCODE
30633	77a9	oa	OABADERRTYPE
30634	77aa	oa	OAEHBTYPINV
30635	77ab	oa	OAEFDBMSINV
30636	77ac	oa	OAEHBTMROOR
30637	77ad	oa	OAE3SEND
30638	77ae	oa	OAEIDOOOR
30639	77af	oa	OAESRLOOR
30640	77b0	oa	OAEISINV
30641	77b1	oa	OAEISLLSINV
30642	77b2	oa	OAEI_BADDATA
30643	77b3	oa	OANG_TADATA
30644	77b4	oa	OABDDBNUM
30645	77b5	oa	OAECAITUP

30646	77b6	oa	OAEATRETBAD
30647	77b7	oa	OAESMRHLNK
30648	77b8	oa	OAERHRETBAD
30649	77b9	oa	OAEDIEJOBBD
30650	77ba	oa	OABADPATH
30651	77bb	oa	OALSFCOSBAD
30652	77bc	oa	OAEGLPTRBAD
30653	77bd	oa	OAEGLPIDBAD
30654	77be	oa	OAETPREASON
30655	77bf	oa	OAETPCTIMBAD
30656	77c0	oa	OAPRL_ERR
30657	77c1	oa	OADGT_ANA_BAD
30658	77c2	oa	OABDDDBNO
30659	77c3	oa	OABDDDBPARM
30660	77c4	oa	OAETPTMRUNK
30661	77c5	oa	OACHK_FAIL
30662	77c6	oa	OAETPMMSGUNK
30663	77c7	oa	OAESPNOCPDL
30664	77c8	oa	OAETPDESTIME
30665	77c9	oa	OAETPLNGBAD
30666	77ca	oa	OAETPWTIMBAD
30667	77cb	oa	OAETPRETUNK
30668	77cc	oa	OABADSTINFO
30669	77cd	oa	OABADOLOGINID
30670	77ce	oa	OAETPSWIDBAD
30671	77cf	oa	OAGETAPB
30672	77d0	oa	OA0052
30673	77d1	oa	OA0054
30674	77d2	oa	OA0120
30675	77d3	oa	OA0121
30676	77d4	oa	OAAPBBUFF
30677	77d5	oa	OA0123
30678	77d6	oa	OAAPBPOSF
30679	77d7	oa	OAPASAPBF
30680	77d8	oa	OAPASLOOPF
30681	77d9	oa	OA0128
30682	77da	oa	OA0129
30683	77db	oa	OAAPBTAPF
30684	77dc	oa	OAGETCBDB
30685	77dd	oa	OALNCBPC
30686	77de	oa	OAPTRDBADD
30687	77df	oa	OATAPAPBF
30688	77e0	oa	OAINVDATA
30689	77e1	oa	OANOTIMER
30690	77e2	oa	OABADEISRET
30691	77e3	oa	OANOPORTLA
30692	77e4	oa	OALMSINV
30693	77e5	oa	OAETPMSETID
30694	77e6	oa	OAETPSWMODID
30695	77e7	oa	OAETPSMRCID
30696	77e8	oa	OATR_N_BAD
30697	77e9	oa	OAKN_MSG
30698	77ea	oa	OAETPCONPID
30699	77eb	oa	OAETPSTUNK
30700	77ec	oa	OAE_MSGSETIDFL
30701	77ed	oa	OA1_MSGTYPEFL
30702	77ee	oa	OA1_ACDRTFL
30703	77ef	oa	OA1_APPCDOOR
30704	77f0	oa	OAFPCCB
30705	77f1	oa	OALNCBDB
30706	77f2	oa	OAPCCB
30707	77f3	oa	OABKCN_NOT_ACQS
30708	77f4	oa	OABK_IS_CNACQS
30709	77f5	oa	OA_AQZODD
30710	77f6	oa	OA1_POSNMOOR
30711	77f7	oa	OA0130
30712	77f8	oa	OABADPREFDIG
30713	77f9	oa	OAPCBLAPBF
30714	77fa	oa	OARSTATFAIL
30715	77fb	oa	OARNOMATCH
30716	77fc	oa	OA_GST_NOTINDB
30717	77fd	oa	OA_GST_MAN_PBX

30718	77fe	oa	INVALID_LPSTAT
30719	77ff	oa	OADBRNM
30720	7800	oa	OAOLSPRB
30721	7801	oa	OANMIFLW
30722	7802	oa	OANMRRDN
30723	7803	oa	OAORNOCT
30724	7804	oa	OANRIFLW
30725	7805	oa	OANRRRDN
30726	7806	oa	OAORANCT
30727	7807	oa	OAIOTPMMSG
30728	7808	oa	OAD_NPAFLD
30729	7809	oa	OAD_NPANXFLD
30730	780a	oa	OADBRBD
30731	780b	oa	OANITOOR
30732	780c	oa	OAVTE_MRCV
30733	780d	oa	OAIPTPDB
30734	780e	oa	OAMC_INCRSN
30735	780f	oa	OAMC_UNEXMSG
30736	7810	oa	OAMC_INVMSG
30737	7811	oa	OAMC_CTINV
30738	7812	oa	OAMC_CTUNUSED
30739	7813	oa	OAMC_ADIGERR
30740	7814	oa	OAMC_ODIGERR
30741	7815	oa	OAMC_SDIGERR
30742	7816	oa	OAMC_NOTIMER
30743	7817	oa	OAMC_BADTIMER
30744	7818	oa	OAMC_TIMEOUT
30745	7819	oa	OAMC_SZERR
30746	781a	oa	OAMC_ARGERR
30747	781b	oa	OANCEO_TO_CEO
30748	781c	oa	OACEO_TO_NCEO
30749	781d	oa	OAIFWSH
30750	781e	oa	OAVTE_KILD
30751	781f	oa	OAVTBD_DB
30752	7820	oa	OAOTP_IFLOW
30753	7821	oa	OAIF_WRONGMSG
30754	7822	oa	OAIFWDN
30755	7823	oa	OAIFUNK
30756	7824	oa	OAIFWSZ
30757	7825	oa	OAVT_BD_IFM
30758	7826	oa	OAIFMH_FAIL
30759	7827	oa	OAOSLPRTF
30760	7828	oa	OATMSCOPE
30761	7829	oa	OAUNXSIG
30762	782a	oa	OAIFTRAN
30763	782b	oa	OAVT_BADPSDB
30764	782c	oa	OAF_NPANXX
30765	782d	oa	OANOSERV
30766	782e	oa	OANOSVDT
30767	782f	oa	OAINVRT
30768	7830	oa	OAINVACT
30769	7831	oa	OAFUBLSR
30770	7832	oa	OAFHCSR
30771	7833	oa	OAFUILSR
30772	7834	oa	OAFLSRSM
30773	7835	oa	OABADSM
30774	7836	oa	OAFCHKBERET
30775	7837	oa	OACVALCE
30776	7838	oa	OACVCORD
30777	7839	oa	OACVLNKE
30778	783a	oa	OACVUXEV
30779	783b	oa	OACVMPRT
30780	783c	oa	OANOCTIN
30781	783d	oa	OAOPSMOTNL
30782	783e	oa	OAER0CCNAME
30783	783f	oa	OAER1CCNAME
30784	7840	oa	OAER2CCNAME
30785	7841	oa	OAER3CCNAME
30786	7842	oa	OAANI_DB
30787	7843	oa	OATIMEREL
30788	7844	oa	OASTATREL
30789	7845	oa	OATRNGREL

30790	7846	oa	OALNKINIT
30791	7847	oa	OACALLINIT
30792	7848	oa	OALKSELINIT
30793	7849	oa	OALNKDATA
30794	784a	oa	OAERTPRNPA
30795	784b	oa	OAERTPRCC
30796	784c	oa	OABADOPTRN
30797	784d	oa	OABADREQTYP
30798	784e	oa	OAASGNDERR
30799	784f	oa	OACSOPEISDB
30800	7850	oa	OACSEISID
30801	7851	oa	OACSREQTYPE
30802	7852	oa	OACSEISDATA
30803	7853	oa	OARQTYPINVALID
30804	7854	oa	OARETINVALID
30805	7855	oa	OAESPReason
30806	7856	oa	OAESPCTIMBAD
30807	7857	oa	OAEBPRONO
30808	7858	oa	OAEIPRNO
30809	7859	oa	OAEISRLNO
30810	785a	oa	OAEIETPR
30811	785b	oa	OAEISMCID
30812	785c	oa	OAESMCLNK
30813	785d	oa	OAESMRLNK
30814	785e	oa	OAEMIEID
30815	785f	oa	OAEMIMSID
30816	7860	oa	OAEMIVEN
30817	7861	oa	OAEMISID
30818	7862	oa	OAEMIECI
30819	7863	oa	OAEMISRC
30820	7864	oa	OAEMIESM
30821	7865	oa	OAEIKECT
30822	7866	oa	OAEIKELN
30823	7867	oa	OAEIKELS
30824	7868	oa	OAESPRETUNK
30825	7869	oa	OAESPMMSGUNK
30826	786a	oa	OAESPLNGBAD
30827	786b	oa	OAESPWTIMBAD
30828	786c	oa	OAESPMCBPROB
30829	786d	oa	OAESPTHROW
30830	786e	oa	OAESPSTUNK
30831	786f	oa	OAISPLSF
30832	7870	oa	OAETPRESET
30833	7871	oa	OAE_CIDMM
30834	7872	oa	OAEBADMSGTYPE
30835	7873	oa	OAEIRHCAL
30836	7874	oa	OAE_BSCSUX
30837	7875	oa	OADINGP1
30838	7876	oa	OAER4CCNAME
30839	7877	oa	OADINGP2
30840	7878	oa	OADINGP3
30841	7879	oa	OADINGP4
30842	787a	oa	OADINGP5
30843	787b	oa	OADINGP6
30844	787c	oa	OASMIGP1
30845	787d	oa	OASMIGP2
30846	787e	oa	OASMIGP3
30847	787f	oa	OASMIGP4
30848	7880	oa	OAITLGP1
30849	7881	oa	OAITLGP2
30850	7882	oa	OAITLGP3
30851	7883	oa	OAITLGP4
30852	7884	oa	OATPOGP1
30853	7885	oa	OATPOGP2
30854	7886	oa	OATPOGP3
30855	7887	oa	OATPOGP4
30856	7888	oa	OATPOFI1
30857	7889	oa	OATPOFI2
30858	788a	oa	OATPOAS1
30859	788b	oa	OATPOAS2
30860	788c	oa	OAEBADPARM
30861	788d	oa	OANOFIXEDRI

30862	788e	oa	OAE_UNXLEDB
30863	788f	oa	OA1XPNOOR
30864	7890	oa	OA1XMTYPEFL
30865	7891	oa	OAESMATLNK
30866	7892	oa	OAENOEISDATA
30867	7893	oa	OAEBADDBREAD
30868	7894	oa	OAETPOORSMID
30869	7895	oa	OA1XATINV
30870	7896	oa	OA1XPNBAD
30871	7897	oa	OA1XCOCBAD
30872	7898	oa	OA1XBTYP
30873	7899	oa	OA1XBMOVFL
30874	789a	oa	OA1XDTINV
30875	789b	oa	OA1XFDVFL
30876	789c	oa	OAETPCALLID
30877	789d	oa	OAEISLNGBAD
30878	789e	oa	OAEISNORES
30879	789f	oa	OAEISRETUNK
30880	78a0	oa	OAEISINVPID
30881	78a1	oa	OAEGKBADID
30882	78a2	oa	OAESPBADMSG
30883	78a3	oa	OACVSDLK
30884	78a4	oa	OAENOESM
30885	78a5	oa	OABADPOSNUM
30886	78a6	oa	OABUSYPOSEIZ
30887	78a7	oa	OAEISLPCNTBAD
30888	78a8	oa	OAEINTINV
30889	78a9	oa	OABADRTP
30890	78aa	oa	OAMTPBSM
30891	78ab	oa	OAEDPBBAD
30892	78ac	oa	OAEFLAGSBAD
30893	78ad	oa	OAESMLKBAD
30894	78ae	oa	OAEDBRETINV
30895	78af	oa	OAEMLCOR
30896	78b0	oa	OATKORTERR
30897	78b1	oa	OALF_OVFL
30898	78b2	oa	OALT_OVFL
30899	78b3	oa	OAETKOCID
30900	78b4	oa	OAETKOPID

22. 5E13 Numeric Index: 30901-31320

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30901	78b5	oa	OAETKOMG
30902	78b6	oa	OA1CIDOOR
30903	78b7	oa	OAUNEEDCPDL
30904	78b8	oa	OAEISMVCL
30905	78b9	oa	OAESMGHLNK
30906	78ba	oa	OAETVRETBAD
30907	78bb	oa	OAELPRETBAD
30908	78bc	oa	OAE_ACTIONFL
30909	78bd	oa	OAEHUNGTUP
30910	78be	oa	OACALLDUMP
30911	78bf	oa	OALNKDUMP
30912	78c0	oa	OALKSELDUMP
30913	78c1	oa	OACREXCPT
30914	78c2	oa	OACALL_LIST
30915	78c3	oa	OABDELANS
30916	78c4	oa	OATPOFI3
30917	78c5	oa	OATPOAS3
30918	78c6	oa	OATPOGP7
30919	78c7	oa	OATPOGP8
30920	78c8	oa	OATPOGP9
30921	78c9	oa	OATPOGP5
30922	78ca	oa	OATPOGP6
30923	78cb	oa	OATLAFI1
30924	78cc	oa	OATLAAS1
30925	78cd	oa	OATLAGP1
30926	78ce	oa	OATLAGP2
30927	78cf	oa	OATLAGP3
30928	78d0	oa	OAFAIL_BLVDA

30929	78d1	oa	OAMTI_KILL
30930	78d2	oa	OAMTI_SUICIDE
30931	78d3	oa	OAMTI_CMPLT
30932	78d4	oa	OAINTFPL
30933	78d5	oa	OAOPRCCERR
30934	78d6	oa	OAMSGINFL
30935	78d7	oa	OAOLSTRKCN
30936	78d8	oa	OASIGTRKCN
30937	78d9	oa	OABDBLOPT
30938	78da	oa	OABDEISCOC
30939	78db	oa	OABDPTPCOC
30940	78dc	oa	OAINVBLOPT
30941	78dd	oa	OADIRCERR
30942	78de	oa	OABAD_CLS
30943	78df	oa	OABDLSTRAF
30944	78e0	oa	OABDTARET
30945	78e1	oa	OABADCCRET
30946	78e2	oa	OABDOSREAS
30947	78e3	oa	OABDEAINFO
30948	78e4	oa	OABDSRVID
30949	78e5	oa	OAFC_TRUNK
30950	78e6	oa	OABDLATAACK
30951	78e7	oa	OABAD_IMF
30952	78e8	oa	OANOSRVOT
30953	78e9	oa	OA2_POSIDOOOR
30954	78ea	oa	OA2_ARUIDOOOR
30955	78eb	oa	OA2_MSGTYPEFL
30956	78ec	oa	OA2_ACDRTFL
30957	78ed	oa	OA2XMTYPEFL
30958	78ee	oa	OA2ACOOOR
30959	78ef	oa	OASRVCINV
30960	78f0	oa	OAUNXRES
30961	78f1	oa	OABDCCON
30962	78f2	oa	OAAISDIG
30963	78f3	oa	OABDISPD
30964	78f4	oa	OABDISRVID
30965	78f5	oa	OANO_FCTRNK
30966	78f6	oa	OA2POSID_INV
30967	78f7	oa	OAQRY_NOLOOP
30968	78f8	oa	OAINV_LSCOC
30969	78f9	oa	OABADCSE
30970	78fa	oa	OABDCC_CR
30971	78fb	oa	OAINVCC_CR
30972	78fc	oa	OABADCCIND
30973	78fd	oa	OABADOCs
30974	78fe	oa	OALKTKOFL
30975	78ff	oa	OA_INVLSCOC
30976	7900	oa	OAZERONPA
30977	7901	oa	OAFail_NPAMAP
30978	7902	oa	OANFWDNUM
30979	7903	oa	OATCS_NMTCH
30980	7904	oa	OAER1AATOS
30981	7905	oa	OAER2AATOS
30982	7906	oa	OACRD_NMTCH
30983	7907	oa	OABDRTEYTP
30984	7908	oa	OA1XICOC
30985	7909	oa	OAETPSWAREA
30986	790a	oa	OASDNDESTERR
30987	790b	oa	OAUESCTN
30988	790c	oa	OA1SDNNRA
30989	790d	oa	OAGENDIGBAD
30990	790e	oa	OAGENOPBAD
30991	790f	oa	OABAD_ESC_DARET
30992	7910	oa	OAAPTYPE
30993	7911	oa	OABADBIL
30994	7912	oa	OADANGLECONF
30995	7913	oa	OAOLIBAD
30996	7914	oa	OATANTYPE
30997	7915	oa	OABDFCONN
30998	7916	oa	OAUNEX_RET
30999	7917	oa	OANPORTPID
31000	7918	oa	OAVMS_BADPARM

31001	7919	oa	OAVMSUNXCDS
31002	791a	oa	OATNSBAD
31003	791b	oa	OAFNSIBAD
31004	791c	oa	OACSR_NMTCH
31005	791d	oa	OAVMS_UNXEV
31006	791e	oa	OAASOTPRIM
31007	791f	oa	OANOSTINFO
31008	7920	oa	OABADTC
31009	7921	oa	OABDCITP
31010	7922	oa	OANODEST
31011	7923	oa	OACMPCRD_FAIL
31012	7924	oa	OA1VMS
31013	7925	oa	OABADHEADER
31014	7926	oa	OABADVARPHR
31015	7927	oa	OA3_APPCDOOR
31016	7928	oa	OAE_SCRCDE
31017	7929	oa	OAE_TGROUP
31018	792a	oa	OAE_TMEN
31019	792b	oa	OA3MSGTYPEFL
31020	792c	oa	OA3CIDOOR
31021	792d	oa	OA3XMTYPEFL
31022	792e	oa	OACL_UNXMSG
31023	792f	oa	OANDSLPR
31024	7930	oa	OA900C7ER
31025	7931	oa	OAERRDSL
31026	7932	oa	OA_U_PRT
31027	7933	oa	OA_R_PRT
31028	7934	oa	OA3XBTYP
31029	7935	oa	OA3XBMOVFL
31030	7936	oa	OA3BOPTINV
31031	7937	oa	OACAOVLP
31032	7938	oa	OAETPSIDBAD
31033	7939	oa	OASIDRETBAD
31034	793a	oa	OASRVIDBAD
31035	793b	oa	OAINVEISCOC
31036	793c	oa	OAINVTRFLRET
31037	793d	oa	OAEMSGVIOL
31038	793e	oa	OABDOLSR
31039	793f	oa	OAEISNOLNK
31040	7940	oa	OAEISERCNT
31041	7941	oa	OA700C7ER
31042	7942	oa	OAERPHR_LANG
31043	7943	oa	OAERANNC_HDR
31044	7944	oa	OAFCTYP
31045	7945	oa	OAKILLPROC
31046	7946	oa	OACARDAT
31047	7947	oa	OAERLANG_TBL
31048	7948	oa	OANOLANG_TBL
31049	7949	oa	OABADHDR_ID
31050	794a	oa	OANONUSA
31051	794b	oa	OABINTOASC
31052	794c	oa	OABADDCR
31053	794d	oa	OACBCOM
31054	794e	oa	OACHDB
31055	794f	oa	OA3XBCF1
31056	7950	oa	OAPI2PTB
31057	7951	oa	OAINC_CAR
31058	7952	oa	OA3XBCF2
31059	7953	oa	OA3XBCF3
31060	7954	oa	OA3XBCF4
31061	7955	oa	OA3XBCF5
31062	7956	oa	OA3XBCF6
31063	7957	oa	OA3XBCF7
31064	7958	oa	OA3XBCF8
31065	7959	oa	OA3XBCF9
31066	795a	oa	OA3XBCFA
31067	795b	oa	OA3XBCFB
31068	795c	oa	OABDBLSAME
31069	795d	oa	OANOCRUPD
31070	795e	oa	OA3BDEISVER
31071	795f	oa	OA3EISVOOR
31072	7960	oa	OA3BADVER

31073	7961	oa	OA3BDVER
31074	7962	oa	OABDVERSION
31075	7963	oa	OA3TRANFL
31076	7964	oa	OA3OTRANFL
31077	7965	oa	OATKOVERBD
31078	7966	oa	OAOPTRKTRM
31079	7967	oa	OARPDBPT
31080	7968	oa	OA_RPDBP
31081	7969	oa	OADIORCPS
31082	796a	oa	OABADEVENT
31083	796b	oa	OABADACTION
31084	796c	oa	OABDSDAST
31085	796d	oa	OADFSRVRES
31086	796e	oa	OABADRATM
31087	796f	oa	OA3BLFVER
31088	7970	oa	OA3BBOPTINV
31089	7971	oa	OACPSDBERR
31090	7972	oa	OA3RTNMFL
31091	7973	oa	OAQBDBACOC
31092	7974	oa	OABABADST
31093	7975	oa	OABABADACT
31094	7976	oa	OABADEBARET
31095	7977	oa	OARATFWD
31096	7978	oa	OARATCFWD
31097	7979	oa	OAQRYFWD
31098	797a	oa	OARATQFWD
31099	797b	oa	OACONQFWD
31100	797c	oa	OARATCQFWD
31101	797d	oa	OAUNEXFWCKR
31102	797e	oa	OABADBLOPT
31103	797f	oa	OABDRETFC
31104	7980	oa	OABDFWCK
31105	7981	oa	OABDERFC
31106	7982	oa	OAUNK_CARR
31107	7983	oa	OA4_MSGTYPEFL
31108	7984	oa	OA4_ACDRTFL
31109	7985	oa	OA4_APPCDOOR
31110	7986	oa	OA4_POSNMOOR
31111	7987	oa	OA4XPNOOR
31112	7988	oa	OA4XMTYPEFL
31113	7989	oa	OA4XATINV
31114	798a	oa	OA4XPNBAD
31115	798b	oa	OA4XBTYP
31116	798c	oa	OA4XBMOVFL
31117	798d	oa	OA4XDTINV
31118	798e	oa	OA4XFDVFL
31119	798f	oa	OA4CIDOOR
31120	7990	oa	OA4XICOC
31121	7991	oa	OAERRFTS
31122	7992	oa	OAPRTFYFL
31123	7993	oa	OACKTFYL
31124	7994	oa	OAHOMEALLERR
31125	7995	oa	OARFBNARET
31126	7996	oa	OASRCCFLRET
31127	7997	oa	OASRBNARET
31128	7998	oa	OATFBNARET
31129	7999	oa	OAWATBNARET
31130	799a	oa	OAWARBNARET
31131	799b	oa	OAWRLBNARET
31132	799c	oa	OATDFRRET
31133	799d	oa	OABDRQEIS
31134	799e	oa	OA3XBCFC
31135	799f	oa	OA3BADBNUM
31136	79a0	oa	OA3XBCFD
31137	79a1	oa	OABACTCOC
31138	79a2	oa	OAFCCFAIL
31139	79a3	oa	OAEQPRT
31140	79a4	oa	OABADARG
31141	79a5	oa	OAINSdyn
31142	79a6	oa	OAUGLPRM
31143	79a7	oa	OACNFATI
31144	79a8	oa	OAPTRFATI

31145	79a9	oa	OAQRYFATI
31146	79aa	oa	OARGLPRM
31147	79ab	oa	OAALOPTR
31148	79ac	oa	OAALOQRY
31149	79ad	oa	OAPTREXRS
31150	79ae	oa	OAQRYEXRS
31151	79af	oa	OAPTRFARI
31152	79b0	oa	OAQRYFARI
31153	79b1	oa	OAPTRUPCB
31154	79b2	oa	OAQRYUPTR
31155	79b3	oa	OAOSPDAGT
31156	79b4	oa	OAQRYLPTR
31157	79b5	oa	OAPTRLPCB
31158	79b6	oa	OAACCUPTTR
31159	79b7	oa	OAUNEXPTR
31160	79b8	oa	OAUNEXQRY
31161	79b9	oa	OAAGRTRK
31162	79ba	oa	OAERRSDAP
31163	79bb	oa	OABADSDAPPOS
31164	79bc	oa	OAGOPCSL
31165	79bd	oa	OAINITNRAF
31166	79be	oa	OASETNRAF
31167	79bf	oa	OASRVINIT
31168	79c0	oa	OAINITPTR
31169	79c1	oa	OAINITQRY
31170	79c2	oa	OACNINIT
31171	79c3	oa	OARHHCSL
31172	79c4	oa	OAHPHCSL
31173	79c5	oa	OARSPCSL
31174	79c6	oa	OAHHHCSL
31175	79c7	oa	OAATHCSL
31176	79c8	oa	OASDAPPRMT
31177	79c9	oa	OAGENERAL
31178	79ca	oa	OACRDAGT
31179	79cb	oa	OAAILSERR
31180	79cc	oa	OADCPSSS
31181	79cd	oa	OAOTDBINIT
31182	79ce	oa	OAZIP_OTDBS
31183	79cf	oa	OAPCBLAOTDB
31184	79d0	oa	OAOTDBIDLE
31185	79d1	oa	OANO_OTDB
31186	79d2	oa	OASMOTMISS
31187	79d3	oa	OAOFPCOPRTK
31188	79d4	oa	OAOPERINDBAD
31189	79d5	oa	OAFAILISSET
31190	79d6	oa	OACONV_FAIL
31191	79d7	oa	OABADMORE
31192	79d8	oa	OALINEDATA_BAD
31193	79d9	oa	OACBADPARM
31194	79da	oa	OA5BADBNUM
31195	79db	oa	OA5BBOPTINV
31196	79dc	oa	OA5BDEISVER
31197	79dd	oa	OA5BDN_DCNT
31198	79de	oa	OA5BDN_MISS
31199	79df	oa	OA5BINIT
31200	79e0	oa	OA5BNUM_CHG
31201	79e1	oa	OA5BOPTRINV
31202	79e2	oa	OA5B_NMATCH
31203	79e3	oa	OA5CIDOOR
31204	79e4	oa	OA5COC_CHG
31205	79e5	oa	OA5DIOR_ICS
31206	79e6	oa	OA5MSGTYPEFL
31207	79e7	oa	OA5NO_SRV
31208	79e8	oa	OA5SRV_BDN
31209	79e9	oa	OA5XBMVFL
31210	79ea	oa	OA5XBTYP
31211	79eb	oa	OA5XMTYPEFL
31212	79ec	oa	OA5_APPCDOOR
31213	79ed	oa	OADNRA_C7ER
31214	79ee	oa	OANRAINCON
31215	79ef	oa	OACRDPRD
31216	79f0	oa	OASS7AILS

31217	79f1	oa	OAUNXDESTTYPE
31218	79f2	oa	OA6BDEISVER
31219	79f3	oa	OA6BCALL_TR
31220	79f4	oa	OA6BDTMF_OPT
31221	79f5	oa	OA6XMTYPEFL
31222	79f6	oa	OA6RTNFL
31223	79f7	oa	OA6CNMFL
31224	79f8	oa	OA6XBTYP
31225	79f9	oa	OA6XBMOVFL
31226	79fa	oa	OA6MOD_MISS
31227	79fb	oa	OA6_AAPCDOOR
31228	79fc	oa	OA6MSGTYPEFL
31229	79fd	oa	OA6LKTOK
31230	79fe	oa	OA6RTE_FL
31231	79ff	oa	OA6BNMF
31232	7a00	oa	OAATCMSGBAD
31233	7a01	oa	OABAD_LNP_HEAD
31234	7a02	oa	OAMISS_LNP_NXX
31235	7a03	oa	OALNPOPRKTF
31237	7a05	oa	OALNPDBBAD
31238	7a06	oa	OALNP PARBD
31239	7a07	oa	OALNP_DAF
31246	7a0e	oa	OATRNOLS
31247	7a0f	oa	OANGENERAL
31248	7a10	oa	OAPOLSERR
31249	7a11	oa	OAANI2_UNK
31250	7a12	oa	OASOLO_ACD
31251	7a13	oa	OACCTPRUNC
31252	7a14	oa	OAESPENC
31253	7a15	oa	OAESPDEC
31254	7a16	oa	OADPTF_C7ER
31255	7a17	oa	OACCTP_PATH_ERR
31260	7a1c	oa	OASCCSPERR
31305	7a49	ccsph	CCBADUPD
31306	7a4a	ccsph	CCPHDASPP
31307	7a4b	ccsph	CCPKTSEQ
31308	7a4c	ccsph	CCBADSEQ
31309	7a4d	ccsph	CCNOWP
31310	7a4e	ccsph	CCBADMSG
31311	7a4f	ccsph	CCBADDATA
31312	7a50	ccsph	CCDATA CORR
31313	7a51	ccsph	CCPKTTRAN
31314	7a52	ccsph	CCPKTST
31315	7a53	ccsph	CCPKTBDOFF
31316	7a54	ccsph	CCPKTUNTB
31317	7a55	ccsph	CCUNWGTMMSG
31318	7a56	ccsph	CCUNWAIT
31319	7a57	ccsph	CCWAKEUP
31320	7a58	ccsph	CCBSTCKSUM

23. 5E13 Numeric Index: 31321-32920

ERROR CODE	PRM CODE	RANGE	MNEMONIC
31321	7a59	ccsph	CCBADPINFO
31322	7a5a	ccsph	CCBADPEOT
31323	7a5b	ccsph	CCBADPBUF
31324	7a5c	ccsph	CCBADTYP
31325	7a5d	ccsph	CCBADSS
31326	7a5e	ccsph	CCBADOPER
31327	7a5f	ccsph	CCBADICT
31328	7a60	ccsph	CCBADKEY
31329	7a61	ccsph	CCBADTID
31330	7a62	ccsph	CCTBLFUL
31331	7a63	ccsph	CCACKFAIL
31332	7a64	ccsph	CCICRBAD
31333	7a65	ccsph	CCLAB7NUM
31334	7a66	ccsph	CCICRODD
31335	7a67	ccsph	CCOPCIBAD
31336	7a68	ccsph	CCDUPINS
31337	7a69	ccsph	CCOPCNUM
31338	7a6a	ccsph	CCABADOPCI

31339	7a6b	ccsph	CCBADCRANGE
31340	7a6c	ccsph	CCAOPCNUM
31341	7a6d	ccsph	CCBADDEL
31342	7a6e	ccsph	CCBADNUMCIC
31343	7a6f	ccsph	CCOPCIDX
31344	7a70	ccsph	CCPHRDERR
31345	7a71	ccsph	CCBDCKSUM
31346	7a72	ccsph	CCCKSUMBAD
31347	7a73	ccsph	CCSDSLRATE
31348	7a74	ccsph	CCDREQFAIL
31349	7a75	ccsph	CCPKTTOTBL
31350	7a76	ccsph	CCTBLEMPY
31351	7a77	ccsph	CCBADSM
31352	7a78	ccsph	CCNODPCI
31353	7a79	ccsph	CCNOTRUNK
31354	7a7a	ccsph	CCLOMEMPH
31355	7a7b	ccsph	CCBDPCKSUM
31356	7a7c	ccsph	CCBAPCKSUM
31357	7a7d	ccsph	CCRDBRST
31358	7a7e	ccsph	CCRDBLINK
31359	7a7f	ccsph	CCNOPHRDB
31360	7a80	ccsph	CCINVSDRQ
31361	7a81	ccsph	CCD2PFIN
31362	7a82	ccsph	CCP2DPMM
31363	7a83	ccsph	CCRINRAR
31364	7a84	ccsph	CCARDNOP
31365	7a85	ccsph	CCRDBCNT
31366	7a86	ccsph	CCEXDPSG
31367	7a87	ccsph	CCTFSTFUNC
31368	7a88	ccsph	CCTFPROCSTATE
31369	7a89	ccsph	CCTFBADDSEG
31370	7a8a	ccsph	CCTFIT8ID
31371	7a8b	ccsph	CCBMDPCI
31372	7a8c	ccsph	CCBMADPCI
31373	7a8d	ccsph	CCBMSEGIDX
31374	7a8e	ccsph	CCTFINVS
31375	7a8f	ccsph	CCTFINVA
31376	7a90	ccsph	CCTFINVD
31377	7a91	ccsph	CCTFNULL
31378	7a92	ccsph	CCTFINVT
31379	7a93	ccsph	CCTFT8AE
31380	7a94	ccsph	CCTFSPCE
31381	7a95	ccsph	CCTFIPLN
31382	7a96	ccsph	CCTFIVACNT
31383	7a97	ccsph	CCTFIVDSEG
31384	7a98	ccsph	CCTFIVDGRP
31385	7a99	ccsph	CCTFIVDBIT
31386	7a9a	ccsph	CCTFIVD0
31387	7a9b	ccsph	CCTFIVA0
31388	7a9c	ccsph	CCTFIVABIT
31389	7a9d	ccsph	CCTFITFX
31390	7a9e	ccsph	CCTFT8AI
31391	7a9f	ccsph	CCSSDIVA
31392	7aa0	ccsph	CCTFITDB
31393	7aa1	ccsph	CCDDBOWNBAD
31394	7aa2	ccsph	CCDDBLNKBAD
31395	7aa3	ccsph	CCRCGBAD
31396	7aa4	ccsph	CCDDBCNTBAD
31397	7aa5	ccsph	CCDDBIDLE
31398	7aa6	ccsph	CCRCGFAIL
31399	7aa7	ccsph	CCDDBFAIL
31400	7aa8	ccsph	CCBLSIKSUM
31401	7aa9	ccsph	CCDISOFF
31402	7aaa	ccsph	CCDISLSG
31403	7aab	ccsph	CCDISILS
31404	7aac	ccsph	CCDISDPC
31405	7aad	ccsph	CCINVPST
31406	7aae	ccsph	CCINVPKT
31407	7aaf	ccsph	CCPCLENBAD
31408	7ab0	ccsph	CCACBDSTATE
31409	7ab1	ccsph	CCSCVERE
31505	7b11	amapp	AMKINVCODE

31506	7b12	amapp	AMKNORCD
31555	7b43	pr	PRAUNONE
31556	7b44	pr	PRAUTKQUE
31557	7b45	pr	PRAUTKOWNER
31558	7b46	pr	PRAUPCBLA
31559	7b47	pr	PRPSIPTST
31560	7b48	pr	PRIECF_BAD
31561	7b49	pr	PRPSBILLDN
31562	7b4a	pr	PRPSRIPSN
31563	7b4b	pr	PRPSGP_PRT
31564	7b4c	pr	PRFCTRUNK
31565	7b4d	pr	PRMSGBAD
31566	7b4e	pr	PRDATABAD
31567	7b4f	pr	PRCSTCUG
31568	7b50	pr	PRPVCINF
31569	7b51	pr	PRGROUP_PRT
31570	7b52	pr	PRAURTMPG
31571	7b53	pr	PRPVCFL_BAD
31572	7b54	pr	PRPVCARDN
31573	7b55	pr	PRNO_ISMPH
31574	7b56	pr	PRBAD_DATBL
31575	7b57	pr	PROFFICE
31576	7b58	pr	PRPSMHG
31577	7b59	pr	PRPSPRT
31578	7b5a	pr	PRRDLNSTAT
31579	7b5b	pr	PRPORT_GRP
31580	7b5c	pr	PRRDGLNSTAT
31581	7b5d	pr	PRAURTMHG
31582	7b5e	pr	PRPSPSN_RI
31583	7b5f	pr	PRPSLINKPT
31584	7b60	pr	PRAURTTRKG
31585	7b61	pr	PRRT_MHG
31586	7b62	pr	PREQUIPDSL
31587	7b63	pr	PRCUGCST
31588	7b64	pr	PRGPVCFCL_BAD
31589	7b65	pr	PRMDR_GP
31590	7b66	pr	PRPSL3TRKG
31591	7b67	pr	PRPBGINFO
31592	7b68	pr	PRFACMISSING
32255	7dff	fp	FPNFTLDB
32256	7e00	fp	FPUNXMSG
32257	7e01	fp	FPBADVALUE
32258	7e02	fp	FPBADPDB
32259	7e03	fp	FPBADSTATE
32260	7e04	fp	FPBADTCOS
32261	7e05	fp	FPBADRET
32262	7e06	fp	FPBADPARM
32263	7e07	fp	FP911TBAD
32264	7e08	fp	FP0001
32265	7e09	fp	FP0003
32266	7e0a	fp	FP0004
32267	7e0b	fp	FP0005
32268	7e0c	fp	FP0010
32269	7e0d	fp	FP0012
32270	7e0e	fp	FPPCCLSPP
32271	7e0f	fp	FPCLMDSPP
32272	7e10	fp	FP0028
32273	7e11	fp	FP0029
32274	7e12	fp	FP0030
32275	7e13	fp	FP0031
32276	7e14	fp	FP0032
32277	7e15	fp	FP0033
32278	7e16	fp	FP0034
32279	7e17	fp	FP0039
32280	7e18	fp	FP0040
32281	7e19	fp	FP0041
32282	7e1a	fp	FP0042
32283	7e1b	fp	FP0046
32284	7e1c	fp	FPDI_COMP
32285	7e1d	fp	FP0048
32286	7e1e	fp	FP0049
32287	7e1f	fp	FPUNXEISMSG

32288	7e20	fp	FPNVLSCFID
32289	7e21	fp	FP0062
32290	7e22	fp	FP0074
32291	7e23	fp	FP0080
32292	7e24	fp	FP0081
32293	7e25	fp	FP0113
32294	7e26	fp	FPARSEGSIG
32295	7e27	fp	FPMDRPORT
32296	7e28	fp	FPMDRINVGPID
32297	7e29	fp	FPMDRGP
32298	7e2a	fp	FPDNFEAT
32299	7e2b	fp	FPTRMFEAT
32300	7e2c	fp	FCSDNBDBF
32301	7e2d	fp	FPBAD4WIRE
32302	7e2e	fp	FP4WDRNG
32303	7e2f	fp	FPARTCM
32304	7e30	fp	FPTCMOBF
32305	7e31	fp	FPFCLINE
32306	7e32	fp	FPDNFEA2
32307	7e33	fp	FPFCPORTYP
32308	7e34	fp	FPGLRE3
32309	7e35	fp	FPARCF
32310	7e36	fp	FPARGP
32311	7e37	fp	FPARPORT
32312	7e38	fp	FPSC_CF
32313	7e39	fp	FPDR_LTM
32314	7e3a	fp	FPPF_TKDN
32315	7e3b	fp	FPPU_LTM
32316	7e3c	fp	FPTG_CF
32317	7e3d	fp	FPE9TKESCO
32318	7e3e	fp	FP_911TRNK
32319	7e3f	fp	FP_ANOUNCE
32320	7e40	fp	FP_CARR
32321	7e41	fp	FP_COINCHG
32322	7e42	fp	FP_DIRCON
32323	7e43	fp	FP_SERCOMP
32324	7e44	fp	FP_TRUNK
32325	7e45	fp	FPDNBFG
32326	7e46	fp	FPTRMBFG
32327	7e47	fp	FPPUG_SM
32328	7e48	fp	FPBADQUE
32329	7e49	fp	FPBFGARPORT
32330	7e4a	fp	FPBFGTG_LTMR
32331	7e4b	fp	FPICLIDIX
32332	7e4c	fp	FPICLIDDB
32333	7e4d	fp	FPFC_OPERTRK
32334	7e4e	fp	FPRT_SCRNING
32335	7e4f	fp	FPCHRGIDXEXP
32336	7e50	fp	FPCHGTBL
32337	7e51	fp	FPGETCHT
32338	7e52	fp	FPIMTGRPS
32339	7e53	fp	FPPF_CPSL
32340	7e54	fp	FPFC_TDIRC
32341	7e55	fp	FPEDSLTRKG
32342	7e56	fp	FPRTROUTING
32343	7e57	fp	FPFC_WZ1
32344	7e58	fp	FPTONETY
32345	7e59	fp	FPTATYPE
32346	7e5a	fp	FPLTSBPORT
32347	7e5b	fp	FPDATIMER
32348	7e5c	fp	FPEAIIDIGS
32349	7e5d	fp	FPSPABILLDN
32350	7e5e	fp	FPSDNBRET
32351	7e5f	fp	FPLNDGST
32352	7e60	fp	FPTKDGST
32353	7e61	fp	FPPCONF1
32354	7e62	fp	FPPCONF2
32355	7e63	fp	FPMWCF
32356	7e64	fp	FPTG_LTMR
32357	7e65	fp	FP_4WIRE
32358	7e66	fp	FPRT_TRKG
32359	7e67	fp	FPPP_CF

32360	7e68	fp	FPPORTGRP
32361	7e69	fp	FPRTMHG
32362	7e6a	fp	FPDIGSTRT
32363	7e6b	fp	FPDAPRL1
32364	7e6c	fp	FPDAPRL2
32365	7e6d	fp	FPDAPRL
32366	7e6e	fp	FPGLR_NC
32367	7e6f	fp	FCLTSBPORT
32368	7e70	fp	FPAMCMCID
32369	7e71	fp	ISFCLINE
32370	7e72	fp	FCBADVAL
32371	7e73	fp	FPSCDSCRN
32372	7e74	fp	FPBFGMDR_PORT
32373	7e75	fp	FPDSU2NRS
32374	7e76	fp	FPSCM_NSCM
32375	7e77	fp	FPLNBRET
32376	7e78	fp	FPLNDAS
32377	7e79	fp	FPLNPKG
32378	7e7a	fp	FPSDNPKG
32379	7e7b	fp	FPNS_TNLNK
32380	7e7c	fp	FPLRN_RTTYPE
32381	7e7d	fp	FPLINE_SCN
32382	7e7e	fp	FPBADBILLDN
32383	7e7f	fp	FPBORIGCOS
32384	7e80	fp	FPBTERMCOS
32385	7e81	fp	FPATMPT_OVLP
32386	7e82	fp	FPOFFICECODE
32387	7e83	fp	FPBADTC
32388	7e84	fp	FPBDCITP
32389	7e85	fp	FPBDACPT
32390	7e86	fp	FPNODEST
32391	7e87	fp	FPNOEAE0
32392	7e88	fp	FPBADSIG
32393	7e89	fp	FPDIGDPT
32394	7e8a	fp	FPBFGPORT
32395	7e8b	fp	FPCKT_PORT
32396	7e8c	fp	FPPORTTYP
32397	7e8d	fp	FPNULPORT
32398	7e8e	fp	FPBFG_ASI
32399	7e8f	fp	FPASI_PORT
32400	7e90	fp	FPASI_GP
32401	7e91	fp	FPASI_CF
32402	7e92	fp	FPOW_BADCICALL
32403	7e93	fp	FPAMTKGP
32404	7e94	fp	FPDCACVTER
32405	7e95	fp	FPTGLTM
32406	7e96	fp	FPCONF_TYPE
32407	7e97	fp	FPRDANITB
32408	7e98	fp	FPUTTRK
32409	7e99	fp	FPRDLDPCTB
32410	7e9a	fp	FPINVTNSC
32411	7e9b	fp	FPINVTNSC2DAS
32412	7e9c	fp	FPTGNTNSC
32413	7e9d	fp	FPLDPTNSC
32414	7e9e	fp	FPLNPTYPCI
32415	7e9f	fp	FPRDIITB
32416	7ea0	fp	FPCARTONE
32755	7ff3	rc	RCACSRCORPT
32756	7ff4	rc	RCOSREASON
32757	7ff5	rc	RCOSERROR
32758	7ff6	rc	RCDERR1
32759	7ff7	rc	RCDERR2
32760	7ff8	rc	RCINTERR
32855	8057	fita	FIQVINVST
32856	8058	fita	FI0001
32857	8059	fita	FIQVUXSTATUS
32858	805a	fita	FI0003
32859	805b	fita	FI0004
32860	805c	fita	FI0040
32861	805d	fita	FIMPGPERR
32862	805e	fita	FIMPMMSGERR
32863	805f	fita	FIEODPSOP

32864	8060	fita	FIRTDNMOD
32865	8061	fita	FIRT_DNTRAN
32866	8062	fita	FIFBDPB
32867	8063	fita	FIFBTEDB
32868	8064	fita	FIFCLINE
32869	8065	fita	FIINVREASON
32870	8066	fita	FINOBNFEAT
32871	8067	fita	FIODBERRMSG
32872	8068	fita	FIODBSPH
32873	8069	fita	FIODBPHR
32874	806a	fita	FIODBBAD
32875	806b	fita	FIODBUNR
32876	806c	fita	FIODBWGM
32877	806d	fita	FIPACK_NLOADED
32878	806e	fita	FIPORTGRP
32879	806f	fita	FIPSSENDASRT
32880	8070	fita	FITERMCA
32881	8071	fita	FIACSR_GRP
32882	8072	fita	FIACSR_OPT
32883	8073	fita	FIDSL_EQUIP
32884	8074	fita	FINOCCODE
32885	8075	fita	FISPID
32886	8076	fita	FIEDSLGPRT
32887	8077	fita	FIEDSLTRKG
32888	8078	fita	FINSFMAP
32889	8079	fita	FINFTLDB
32890	807a	fita	FIBADVALUE
32891	807b	fita	FIFPCDA
32892	807c	fita	FIGETDALB
32893	807d	fita	FI0114
32895	807f	fita	FCSDNBDBF
32896	8080	fita	FICPNBNCF
32897	8081	fita	FICLMSPP
32898	8082	fita	FIFC_TRUNK
32899	8083	fita	FILPTSPID
32900	8084	fita	FISHTERM
32901	8085	fita	FIUUICHK
32902	8086	fita	FIISLINE
32903	8087	fita	FIBFGPP_LTM
32904	8088	fita	FIFCPORTYP
32905	8089	fita	FINOFEATBN
32906	808a	fita	FIPP_LTM
32907	808b	fita	FITATYPE
32908	808c	fita	FICLSUSPP
32909	808d	fita	FITPUNXMSG
32910	808e	fita	FIUNXMSG
32911	808f	fita	FIBFGPORT
32912	8090	fita	FINULPORT
32913	8091	fita	FIDNLPT
32914	8092	fita	FIDSP_ACN
32915	8093	fita	FIDSP_RMSG
32916	8094	fita	FIDSP_SWTCH
32917	8095	fita	FIGOTEDA
32918	8096	fita	FIACDPOSDB
32919	8097	fita	FIDATIMER
32920	8098	fita	FINOSTINFO

24. 5E13 Numeric Index: 32921-40670

ERROR CODE	PRM CODE	RANGE	MNEMONIC
32921	8099	fita	FIDNFEATS
32922	809a	fita	FIAPCCC
32923	809b	fita	FICVALCE
32924	809c	fita	FICVCORD
32925	809d	fita	FICVDBRF
32926	809e	fita	FICVEBADS
32927	809f	fita	FICVLNKE
32928	80a0	fita	FICVMPRT
32929	80a1	fita	FICVSDLK
32930	80a2	fita	FICVUXEV
32931	80a3	fita	FIFAPERR

32932	80a4	fita	FIFCTRNM
32933	80a5	fita	FICVBADS
32934	80a6	fita	FIWBTBLOCK
32935	80a7	fita	FIPRISTAT
32936	80a8	fita	FIACDSPI
32937	80a9	fita	FIACDMMSG
32938	80aa	fita	FIFBNOTEDB
32939	80ab	fita	FIAFITPI
32940	80ac	fita	FIACDINF
32941	80ad	fita	FIAUTEDB
32942	80ae	fita	FIACDINP
32943	80af	fita	FIOPSTLVL
32944	80b0	fita	FIORNOCT
32945	80b1	fita	FIAFCWA
32946	80b2	fita	FIAFIUNXTAG
32947	80b3	fita	FIAFIUXMSG
32948	80b4	fita	FIINVINIT
32949	80b5	fita	FIINVRN
32950	80b6	fita	FIINVTMR
32951	80b7	fita	FIQVUXTYPE
32952	80b8	fita	FIQVUXMSG
32953	80b9	fita	FIQVUXPROC
32954	80ba	fita	FIOFFICECODE
32955	80bb	fita	FINOCTINFO
32956	80bc	fita	FIMBUNEXP
32957	80bd	fita	FIMBNOMSG
32958	80be	fita	FIMBBADMSG
32959	80bf	fita	FIMBUXMG
32960	80c0	fita	FIMBBADSTATE
32961	80c1	fita	FIMBBADRET
32962	80c2	fita	FIMBBADPAR
32963	80c3	fita	FIAFIMSGNR
32964	80c4	fita	FIBSTPOSD
32965	80c5	fita	FIAUACDPOSD
32966	80c6	fita	FIAUACDINFO
32967	80c7	fita	FIAFIGNE
32968	80c8	fita	FIINAFIR
32969	80c9	fita	FI0034
32970	80ca	fita	FI0042
32971	80cb	fita	FI_ANOUNCE
32972	80cc	fita	FIBADBRG
32973	80cd	fita	FIAUDALB
32974	80ce	fita	FIAUDPB
32975	80cf	fita	FIBADPARM
32976	80d0	fita	FIPCOPSP
32977	80d1	fita	FIRT_SCRNING
32979	80d3	fita	FIACDIDS
32980	80d4	fita	FIACDENT
32981	80d5	fita	FIPP_TRUNK
32982	80d6	fita	FIPP_CF
32983	80d7	fita	FINOE9ACD
32984	80d8	fita	FITPCIPG
32985	80d9	fita	FITPCSP1
32986	80da	fita	FITPCSP2
32987	80db	fita	FITPCSP3
32988	80dc	fita	FIRT_TRKG
32989	80dd	fita	FIGETPTLA
32990	80de	fita	FIBADMSG
32991	80df	fita	FITSMTRING
32992	80e0	fita	FITSM_BMAP
32993	80e1	fita	FITPCINV
32994	80e2	fita	FITSM_BTN
32995	80e3	fita	FILPT_PT
32996	80e4	fita	FISCRANG
32997	80e5	fita	FINO_FENPA
32998	80e6	fita	FINPASRC
32999	80e7	fita	FILTSBPORT
33000	80e8	fita	FILTM_PORT
33001	80e9	fita	FIPRIFEATS
33002	80ea	fita	FIPEDSGRP
33355	824b	rita	RIAUNONE
33356	824c	rita	RIDESTROY

33357	824d	rita	RIAUDALB
33358	824e	rita	RIAUDPB
33359	824f	rita	RIDSLEQUIP
33360	8250	rita	RIFAP_FAIL
33361	8251	rita	RISPID
33362	8252	rita	RICRPT_DATA
33363	8253	rita	RIAUTEDB
33364	8254	rita	RIFC_LINE
33365	8255	rita	RIFC_PORTTYP
33366	8256	rita	RIAUPCBLA
33367	8257	rita	RIIS_LINE
33368	8258	rita	RIAUBRCSDb
33369	8259	rita	RIAUPORTLA
33370	825a	rita	RIBREQ_INV
33371	825b	rita	RISTCMD_INV
33372	825c	rita	RIPORT_GROUP
33373	825d	rita	RIAULTMSTAT
33374	825e	rita	RIBSEL_INV
33375	825f	rita	RIINV_BIND
33376	8260	rita	RILPT_SPID
33377	8261	rita	RIINV_SOPREQ
33378	8262	rita	RISOPRET_INV
33379	8263	rita	RIBIP_SC_INV
33380	8264	rita	RINIP_SC_INV
33381	8265	rita	RIPTPRET_INV
33382	8266	rita	RIMPRET_INV
33383	8267	rita	RIUNB_SOP_INV
33384	8268	rita	RIB_SOP_INV
33385	8269	rita	RINDN_SOP_INV
33386	826a	rita	RISPID_RQ_INV
33387	826b	rita	RIINV_SPID_PTP
33388	826c	rita	RIRET_SPID_INV
33389	826d	rita	RITEI_PORT_INV
33390	826e	rita	RIUNB_REQ_INV
33391	826f	rita	RIAUTEILA
33392	8270	rita	RIEDSLDCHN
33393	8271	rita	RIPSX25LN
33394	8272	rita	RIAUDISPDB
33395	8273	rita	RIDN_FEATS
33396	8274	rita	RILPT_PT
33397	8275	rita	RIPSAPISLINE
33398	8276	rita	RICHK_SC_INV
33399	8277	rita	RINOCCODE
33400	8278	rita	RIISTERM
33401	8279	rita	RITERMKYDN
33402	827a	rita	RIREQSRV_INV
33404	827c	rita	RIDN_LPT
33406	827e	rita	RIINVDEVENT
33407	827f	rita	RIPRISTAT
33408	8280	rita	RIPRIFACS
33409	8281	rita	RIFC_TRUNK
33412	8284	rita	RIAUACDPOSDB
33413	8285	rita	RIPRIGRP
33414	8286	rita	RIBRGAFail
33415	8287	rita	RIFAILBRGA
33416	8288	rita	RIBRGFAILL
33417	8289	rita	RIBRGLFAIL
33418	828a	rita	RISTACDPOSDB
33420	828c	rita	RIAUAPDU
33421	828d	rita	RIWBTBLOCK
33422	828e	rita	RIBFGPORT
33423	828f	rita	RIBADARG
33424	8290	rita	RICVSTATE
33425	8291	rita	RIINSDYN
33426	8292	rita	RIRGLPRM
33427	8293	rita	RIUGLPRM
33428	8294	rita	RIRETROINT
33429	8295	rita	RIPFIXTEI
33430	8296	rita	RIAGACDPOSDB
33431	8297	rita	RIFDAPC
33432	8298	rita	RIOFFICECODE
33755	83db	ct	CTMG_BAD

33756	83dc	ct	CTCHKOPEN
33757	83dd	ct	CTCHIOCTL
33758	83de	ct	CTCHGWBUF
33759	83df	ct	CTCHRECV
33760	83e0	ct	CTCHXMIT
33761	83e1	ct	CTMSGQFAIL
33762	83e2	ct	CTBADDTRG
33763	83e3	ct	CTNOBUF
33764	83e4	ct	CTBADDATA
33765	83e5	ct	CTOS_BAD
33766	83e6	ct	CTCLASS_BAD
33767	83e7	ct	CTDBLAB6_BAD
33768	83e8	ct	CTRETCODE_BAD
33769	83e9	ct	CTDBPCI_BAD
33770	83ea	ct	CTAMTOUP_BAD
33771	83eb	ct	CTIMS3BRD
33772	83ec	ct	CTIMS3BWT
33773	83ed	ct	CTIMSBFR
33774	83ee	ct	CTIMSOPEN
33775	83ef	ct	CTIMSWRT
33776	83f0	ct	CTIPMHD
33777	83f1	ct	CTTRSPENT
33778	83f2	ct	CTRNBF OV
33779	83f3	ct	CTADSIIENT
33780	83f4	ct	CTADSIUMSG
33781	83f5	ct	CTDSICRPT
33782	83f6	ct	CTDSIIENT
33783	83f7	ct	CTDSIINSRPC
33784	83f8	ct	CTDSIUSG
33785	83f9	ct	CTDDBENTRY
33786	83fa	ct	CTDDBINIT
33787	83fb	ct	CTDDBMPRO
33788	83fc	ct	CTDDBMSG
33789	83fd	ct	CTDDBOPER
33790	83fe	ct	CTDDBRCMP
33791	83ff	ct	CTDDBRELID
33792	8400	ct	CTDDBUNPRO
33793	8401	ct	CTNOBFR
33794	8402	ct	CTNOQUE
33795	8403	ct	CTTRIG_BREL
33796	8404	ct	CTTRIG_ROP
33797	8405	ct	CTDBLAB7_BAD
33798	8406	ct	CTLAB6PCI
33799	8407	ct	CTDSISND
33800	8408	ct	CTNODLNMSG
33801	8409	ct	CTDBTC_AP
33802	840a	ct	CTDBTC_SS
33803	840b	ct	CTSSNIS
33804	840c	ct	CTSSNOOS
33805	840d	ct	CTDLNINV
33806	840e	ct	CT_MSGBAD
33807	840f	ct	CTTCBLEN
33808	8410	ct	CTDDRDERR
33905	8471	trc	TRBADMSG
33906	8472	trc	TRBAD_SM
33907	8473	trc	TRSYSPROC
33955	84a3	pcs	PCSBADARG
33956	84a4	pcs	PCSRGLPRM
33957	84a5	pcs	PCSUGLPRM
33958	84a6	pcs	PCSINS DYN
33959	84a7	pcs	PCSATHCUD
33960	84a8	pcs	PCSATHCSD
33962	84aa	pcs	PCSTEN2REG
33963	84ab	pcs	PCSUNXRPMMSG
33965	84ad	pcs	PCSAMUNXINP
33966	84ae	pcs	PCSBADSUDB
33967	84af	pcs	PCSDNIDX
33968	84b0	pcs	PCSTIDIDX
33969	84b1	pcs	PCSBADVLR
33970	84b2	pcs	PCSAUNXMSG
33971	84b3	pcs	PCSPORT2VSM
33972	84b4	pcs	PCSTIDGRP

33974	84b6	pcs	PCSRPCU2NDN
33976	84b8	pcs	PCSFINHDD
33977	84b9	pcs	PCSLSDHD
33978	84ba	pcs	PCSSUBDATA
33979	84bb	pcs	PCSPCS_HLR
33980	84bc	pcs	PCSNOCODE
33981	84bd	pcs	PCSRSHCS
33982	84be	pcs	PCSBADHSKEY
33983	84bf	pcs	PCSREGDATA
34055	8507	cd	CD1MSG
34056	8508	cd	CDBADARG
34057	8509	cd	CDINSDYN
34058	850a	cd	CDQVSTATE
34059	850b	cd	CDRGLPRM
34060	850c	cd	CDUGLPRM
34061	850d	cd	CDIAGTID
34062	850e	cd	CDILGDEF
34063	850f	cd	CDIAGTPOS
34064	8510	cd	CDISTPARM
34065	8511	cd	CDISVDEF
34066	8512	cd	CDCQMASK
34067	8513	cd	CDICQPARM
34068	8514	cd	CDICQDEF
34069	8515	cd	CDIHC_CLLQ
34070	8516	cd	CDICQGP1
34071	8517	cd	CDICQCLTQ
34072	8518	cd	CDICLLQDB
34073	8519	cd	CDICQLNK
34074	851a	cd	CDIACD_POS
34075	851b	cd	CDISRDEF
34076	851c	cd	CDISRVQDB
34077	851d	cd	CDIHC_SRVQ
34078	851e	cd	CDISRVQ_HC
34079	851f	cd	CD_WHAT
34080	8520	cd	CDBADYRET
34081	8521	cd	CDAUSRVQDB
34082	8522	cd	CDAUAGTPOS
34083	8523	cd	CDTLGERRN
34084	8524	cd	CDTLGDEF
34085	8525	cd	CDSTPARM
34086	8526	cd	CDAUHC_CLLQ
34087	8527	cd	CD2MSG
34088	8528	cd	CDCQPARM
34089	8529	cd	CDAGENTID
34090	852a	cd	CDDSRVQ_HC
34091	852b	cd	CDDHC_CLLQ
34092	852c	cd	CDAUCLQDB
34093	852d	cd	CDGLCLLQDB
34094	852e	cd	CDRMHSRVQ
34095	852f	cd	CDRMHCLLQ
34096	8530	cd	CDAUGHCLLQ
34097	8531	cd	CDAUGHSRVQ
34355	8633	rpalm	HMRP00
34356	8634	rpalm	HMRP01
34357	8635	rpalm	HMRP02
34358	8636	rpalm	HMRP03
34359	8637	rpalm	HMRP04
34360	8638	rpalm	HMRP05
34361	8639	rpalm	HMRP06
34362	863a	rpalm	HMRP07
34363	863b	rpalm	HMRP08
34364	863c	rpalm	HMRP09
34365	863d	rpalm	HMRP10
34366	863e	rpalm	HMRP11
40600	9e98	db	DBAC0000
40601	9e99	db	DBAC0001
40602	9e9a	db	DB_TYP_ERR
40603	9e9b	db	DB_FULL
40604	9e9c	db	DB_BID_ERR
40605	9e9d	db	DB_SIZE_ERR
40606	9e9e	db	DB_FREE_ERR
40607	9e9f	db	DBAC0007

40608	9ea0	db	DBAC0008
40609	9ea1	db	DBAC0009
40610	9ea2	db	DBAC0010
40611	9ea3	db	DBAC0011
40612	9ea4	db	DBAC0012
40613	9ea5	db	DBAC0013
40614	9ea6	db	DBAC0014
40615	9ea7	db	DBAC0015
40616	9ea8	db	DBAC0016
40617	9ea9	db	DBAC0017
40618	9eaa	db	DBAC0018
40619	9eab	db	DBAC0019
40620	9eac	db	DBAC0020
40621	9ead	db	DBAC0021
40622	9eae	db	DBAC0022
40623	9eaf	db	DBAC0023
40624	9eb0	db	DBAC0024
40625	9eb1	db	DBAC0025
40626	9eb2	db	DBAC0026
40627	9eb3	db	DBAC0027
40628	9eb4	db	DBAC0028
40629	9eb5	db	DBAC0029
40630	9eb6	db	DBAC0030
40631	9eb7	db	DBAC0031
40632	9eb8	db	DBAC0032
40633	9eb9	db	DBAC0033
40634	9eba	db	DBAC0034
40635	9ebb	db	DBAC0035
40636	9ebc	db	DBAC0036
40637	9ebd	db	DBAC0037
40638	9ebe	db	DBAC0038
40639	9ebf	db	DBAC0039
40640	9ec0	db	DBAC0040
40641	9ec1	db	DBAC0041
40642	9ec2	db	DBAC0042
40643	9ec3	db	DBAC0043
40644	9ec4	db	DBAC0044
40645	9ec5	db	DBAC0045
40646	9ec6	db	DBSZFAIL
40647	9ec7	db	DBAC0047
40648	9ec8	db	DBAC0048
40649	9ec9	db	DBAC0049
40650	9eca	db	DBAC0050
40651	9ecb	db	DBAC0051
40652	9ecc	db	DBAC0052
40653	9ecd	db	DBAC0053
40654	9ece	db	DBAC0054
40655	9ecf	db	DBAC0055
40656	9ed0	db	DBAC0056
40657	9ed1	db	DBAC0057
40658	9ed2	db	DBAC0058
40659	9ed3	db	DBAC0059
40660	9ed4	db	DBAC0060
40661	9ed5	db	DBAC0061
40662	9ed6	db	DBAC0062
40663	9ed7	db	DBAC0063
40664	9ed8	db	DBAC0064
40665	9ed9	db	DBAC0065
40666	9eda	db	DBAC0066
40667	9edb	db	DBAC0067
40668	9edc	db	DBAC0068
40669	9edd	db	DBAC0069
40670	9ede	db	DBAC0070

25. 5E13 Numeric Index: 40671-41040

ERROR CODE	PRM CODE	RANGE	MNEMONIC
40671	9edf	db	DBAC0071
40672	9ee0	db	DBAC0072
40673	9ee1	db	DBAC0073
40674	9ee2	db	DBAC0074

40675	9ee3	db	DBAC0075
40676	9ee4	db	DBAC0076
40677	9ee5	db	DBAC0077
40678	9ee6	db	DBAC0078
40679	9ee7	db	DBAC0079
40680	9ee8	db	DBAC0080
40681	9ee9	db	DBAC0081
40682	9eea	db	DBAC0082
40683	9eeb	db	DBAC0083
40684	9eec	db	DBAC0084
40685	9eed	db	DBAC0085
40686	9eee	db	DBAC0086
40687	9eef	db	DBAC0087
40688	9ef0	db	DBLGTMPSPC
40689	9ef1	db	DBAC0089
40690	9ef2	db	DBAC0090
40691	9ef3	db	DBAC0091
40692	9ef4	db	DBAC0092
40693	9ef5	db	DBAC0093
40694	9ef6	db	DBAC0094
40695	9ef7	db	DBAC0095
40696	9ef8	db	DBAC0096
40697	9ef9	db	DBAC0097
40698	9efa	db	DBAC0098
40699	9efb	db	DBAC0099
40700	9efc	db	DBAC0100
40701	9efd	db	DBAC0101
40702	9efe	db	DBAC0102
40703	9eff	db	DBAC0103
40704	9f00	db	DBAC0104
40705	9f01	db	DBAC0105
40706	9f02	db	DBAC0106
40707	9f03	db	DBAC0107
40708	9f04	db	DBAC0108
40709	9f05	db	DBAC0109
40710	9f06	db	DBAC0110
40711	9f07	db	DBAC0111
40712	9f08	db	DBAC0112
40713	9f09	db	DBAC0113
40714	9f0a	db	DBAC0114
40715	9f0b	db	DBAC0115
40716	9f0c	db	DBAC0116
40717	9f0d	db	DBAC0117
40718	9f0e	db	DBAC0118
40719	9f0f	db	DBAC0119
40720	9f10	db	DBAC0120
40721	9f11	db	DBAC0121
40722	9f12	db	DBAC0122
40724	9f14	db	DBAC0124
40725	9f15	db	DBAC0125
40726	9f16	db	DBAC0126
40728	9f18	db	DBAC0128
40729	9f19	db	DBAC0129
40730	9f1a	db	DBAC0130
40731	9f1b	db	DBAC0131
40732	9f1c	db	DBAC0132
40733	9f1d	db	DBAC0133
40734	9f1e	db	DBAC0134
40735	9f1f	db	DBAC0135
40736	9f20	db	DBAC0136
40737	9f21	db	DBAC0137
40738	9f22	db	DBAC0138
40739	9f23	db	DBAC0139
40740	9f24	db	DBAC0140
40741	9f25	db	DBAC0141
40742	9f26	db	DBAC0142
40743	9f27	db	DBAC0143
40744	9f28	db	DBAC0144
40745	9f29	db	DBAC0145
40746	9f2a	db	DBAC0146
40747	9f2b	db	DBAC0147
40748	9f2c	db	DBAC0148

40749	9f2d	db	DBAC0149
40750	9f2e	db	DBAC0150
40751	9f2f	db	DBAC0151
40752	9f30	db	DBAC0152
40753	9f31	db	DBAC0153
40754	9f32	db	DBAC0154
40755	9f33	db	DBAC0155
40756	9f34	db	DBAC0156
40757	9f35	db	DBAC0157
40758	9f36	db	DBAC0158
40759	9f37	db	DBAC0159
40760	9f38	db	DBAC0160
40761	9f39	db	DBAC0161
40762	9f3a	db	DBAC0162
40763	9f3b	db	DBAC0163
40764	9f3c	db	DBAC0164
40765	9f3d	db	DBAC0165
40766	9f3e	db	DBAC0166
40767	9f3f	db	DBAC0167
40768	9f40	db	DBAC0168
40769	9f41	db	DBAC0169
40770	9f42	db	DBAC0170
40771	9f43	db	DBAC0171
40772	9f44	db	DBAC0172
40773	9f45	db	DBAC0173
40774	9f46	db	DBAC0174
40775	9f47	db	DBAC0175
40776	9f48	db	DBAC0176
40777	9f49	db	DBAC0177
40778	9f4a	db	DBAC0178
40779	9f4b	db	DBAC0179
40780	9f4c	db	DBAC0180
40781	9f4d	db	DBAC0181
40782	9f4e	db	DBAC0182
40783	9f4f	db	DBAC0183
40784	9f50	db	DBAC0184
40785	9f51	db	DBAC0185
40786	9f52	db	DBAC0186
40787	9f53	db	DBAC0187
40788	9f54	db	DBAC0188
40789	9f55	db	DBAC0189
40790	9f56	db	DBAC0190
40791	9f57	db	DBAC0191
40792	9f58	db	DBAC0192
40793	9f59	db	DBAC0193
40794	9f5a	db	DBAC0194
40795	9f5b	db	DBAC0195
40796	9f5c	db	DBAC0196
40797	9f5d	db	DBAC0197
40798	9f5e	db	DBMODACC
40799	9f5f	db	DBMODITUP
40800	9f60	db	DBAC0200
40801	9f61	db	DBAC0201
40802	9f62	db	DBAC0202
40803	9f63	db	DBAC0203
40804	9f64	db	DBAC0204
40805	9f65	db	DBAC0205
40806	9f66	db	DBBAD_AVAIL
40807	9f67	db	DBAC0207
40808	9f68	db	DBAC0208
40809	9f69	db	DBAC0209
40810	9f6a	db	DBAC0210
40811	9f6b	db	DBAC0211
40812	9f6c	db	DBAC0212
40813	9f6d	db	DBAC0213
40814	9f6e	db	DBAC0214
40815	9f6f	db	DBAC0215
40816	9f70	db	DBMODOREL
40817	9f71	db	DBMODRTUP
40818	9f72	db	DBMODTBGN
40819	9f73	db	DBAC0219
40820	9f74	db	DBUPDRTUP

40821	9f75	db	DBUPDRFTUP
40822	9f76	db	DBUPDUTUP
40823	9f77	db	DBUPDDTUP
40824	9f78	db	DBUPDITUP
40825	9f79	db	DBUPDEMP
40826	9f7a	db	DBAC0226
40827	9f7b	db	DBAC0227
40828	9f7c	db	DBAC0228
40829	9f7d	db	DBAC0229
40830	9f7e	db	DBAC0230
40831	9f7f	db	DBAC0231
40832	9f80	db	DBAC0232
40833	9f81	db	DBAC0233
40834	9f82	db	DBAC0234
40835	9f83	db	DBAC0235
40836	9f84	db	DBAC0236
40837	9f85	db	DBAC0237
40838	9f86	db	DBAC0238
40839	9f87	db	DBAC0239
40840	9f88	db	DBAC0240
40841	9f89	db	DBAC0241
40842	9f8a	db	DBUPDDKEY
40843	9f8b	db	DBAC0243
40844	9f8c	db	DBAC0244
40845	9f8d	db	DBAC0245
40846	9f8e	db	DBAC0246
40847	9f8f	db	DBAC0247
40848	9f90	db	DBAC0248
40849	9f91	db	DBAC0249
40850	9f92	db	DBUPDTEND
40851	9f93	db	DBUPDTBGN
40852	9f94	db	DBUPDOREL
40853	9f95	db	DBUPDSITRG
40854	9f96	db	DBUPDSMTRG
40855	9f97	db	DBUPDGLTRG
40856	9f98	db	DBUPDCFAIL
40857	9f99	db	DBMODABN
40858	9f9a	db	DBAC0258
40859	9f9b	db	DBAC0259
40860	9f9c	db	DBAC0260
40861	9f9d	db	DBUGBADMG
40862	9f9e	db	DBUMSGRC
40863	9f9f	db	DBSDWTDFLT
40864	9fa0	db	DBUGDBC1
40865	9fa1	db	DBSNPCORPT
40866	9fa2	db	DBBDDBC1
40867	9fa3	db	DBBDGRSZ
40868	9fa4	db	DBBPRBAD
40869	9fa5	db	DBRLDCBRL
40870	9fa6	db	DBUGSMTMOUT
40871	9fa7	db	DBUGNOSND
40872	9fa8	db	DBWTIDBD
40873	9fa9	db	DBWT2LG
40874	9faa	db	DBRNUMBD
40875	9fab	db	DB2MNYFL
40876	9fac	db	DBWTLFULL
40877	9fad	db	DBMVGRFL
40878	9fae	db	DBSNPOVFLW
40879	9faf	db	DBSNPVER
40880	9fb0	db	DBBADDICT
40881	9fb1	db	DBBAD_ALIGN
40882	9fb2	db	DBAC0282
40883	9fb3	db	DBAC0283
40884	9fb4	db	DBAC0284
40885	9fb5	db	DBAC0285
40886	9fb6	db	DBAC0286
40887	9fb7	db	DBAC0287
40888	9fb8	db	DBAC0288
40889	9fb9	db	DBAC0289
40890	9fba	db	DBAC0290
40891	9fbb	db	DBAC0291
40892	9fbc	db	DBAC0292

40893	9fbd	db	DBAC0293
40894	9fbe	db	DBAC0294
40895	9fbf	db	DBAC0295
40896	9fc0	db	DBAC0296
40897	9fc1	db	DBAC0297
40898	9fc2	db	DBAC0298
40899	9fc3	db	DBAC0299
40900	9fc4	db	DBHDNTDUP
40901	9fc5	db	DBR95_FULL
40902	9fc6	db	DBAC0302
40903	9fc7	db	DBAC0303
40904	9fc8	db	DBAC0304
40905	9fc9	db	DBAC0305
40906	9fca	db	DBAC0306
40907	9fcb	db	DBAC0307
40908	9fcc	db	DBAC0308
40909	9fcd	db	DBAC0309
40910	9fce	db	DBAC0310
40911	9fcf	db	DBAC0311
40912	9fd0	db	DBAC0312
40913	9fd1	db	DBSIFAIL
40914	9fd2	db	DBSMCMTMOUT
40920	9fd8	db	DBUGHSHUP
40921	9fd9	db	DBACCUPFL
40922	9fda	db	DBBDMTYP
40923	9fdb	db	DBBSTCOPY
40924	9fdc	db	DBBSTDDR
40925	9fdd	db	DBAC0325
40926	9fde	db	DBAC0326
40927	9fdf	db	DBAC0327
40928	9fe0	db	DBBSTPARMS
40929	9fe1	db	DBBSTDDWR
40930	9fe2	db	DBBSTSMIM
40931	9fe3	db	DBBSTZBMAP
40932	9fe4	db	DBBSTBTRN
40933	9fe5	db	DBBSTOPREL
40934	9fe6	db	DBBSTTRNST
40935	9fe7	db	DBBSTCONV
40936	9fe8	db	DBBRETYPE
40937	9fe9	db	DBBSTACCUP
40938	9fea	db	DBNRNOSND
40939	9feb	db	DBNRBADMSG
40940	9fec	db	DBNMSGRC
40941	9fed	db	DBNR2HSHUP
40942	9fee	db	DBNRDATA
40943	9fef	db	DBNRMEMREC
40944	9ff0	db	DBNRPARMBAD
40945	9ff1	db	DBNSMCMTMOUT
40946	9ff2	db	DBNRDBC
40947	9ff3	db	DBNRCIBAD
40948	9ff4	db	DBNRBSTRUN
40949	9ff5	db	DBNRADDMEM
40950	9ff6	db	DBNRSMTMOUT
40951	9ff7	db	DBNRHSHUP
40952	9ff8	db	DBUGNOCRTRM
40953	9ff9	db	DBRGRCVRY
40954	9ffa	db	DBRGABTD
40955	9ffb	db	DBINVRET
40956	9ffc	db	DBINVMSG
40957	9ffd	db	DBDDWRITEF
40958	9ffe	db	DBDDREADF
40959	9fff	db	DBRGOPENF
40960	a000	db	DBRGREADF
40961	a001	db	DBRGSEEKF
40962	a002	db	DBBKUPON
40963	a003	db	DBRGHMOUT
40964	a004	db	DBRGCLOSF
40965	a005	db	DBRGINIT
40966	a006	db	DBRGSGRWF
40967	a007	db	DBAC0367
40968	a008	db	DBGETBFR
40969	a009	db	DBRLSBFR

40970	a00a	db	DBMSZMALLOC
40971	a00b	db	DBMSZDATA
40972	a00c	db	DBINITDDBD
40973	a00d	db	DBTRIGFAIL
40974	a00e	db	DBNR95_FULL
40975	a00f	db	DBAC0375
40976	a010	db	DBBIGTUP
40977	a011	db	DBLGTOTAL
40978	a012	db	DBBIGVIEW
40979	a013	db	DBAC0379
40980	a014	db	DBAC0380
40981	a015	db	DBAC0381
40982	a016	db	DBMSZUDICT
40983	a017	db	DBAC0383
40984	a018	db	DBAC0384
40985	a019	db	DBAC0385
40986	a01a	db	DBAC0386
40987	a01b	db	DBAC0387
40988	a01c	db	DBAC0388
40989	a01d	db	DBAC0389
40990	a01e	db	DBMVCACH
40991	a01f	db	DBDISTERR
40992	a020	db	DBBADTRGINDX
40993	a021	db	DBBADACCDICT
40994	a022	db	DBPARTCMT
40995	a023	db	DBAC0397
40996	a024	db	DBAC0398
40997	a025	db	DBAC0401
40998	a026	db	DBAC0402
40999	a027	db	DBBADLGM
41000	a028	db	DBAC0400
41001	a029	db	DBLOSTLM
41002	a02a	db	DBWLGFUN
41003	a02b	db	DBAC0403
41004	a02c	db	DBAC0404
41005	a02d	db	DBAC0405
41006	a02e	db	DBAC0406
41007	a02f	db	DBAC0407
41008	a030	db	DBAC0408
41009	a031	db	DBAC0409
41010	a032	db	DBAC0410
41011	a033	db	DBAC0411
41012	a034	db	DBAC0412
41013	a035	db	DBAC0413
41014	a036	db	DBAC0414
41015	a037	db	DBAC0415
41016	a038	db	DBGTRST
41017	a039	db	DBSTGRST
41018	a03a	db	DBAC0418
41019	a03b	db	DBTX1FAIL
41020	a03c	db	DBTX2FAIL
41021	a03d	db	DBTX3FAIL
41022	a03e	db	DBAC0422
41023	a03f	db	DBAC0423
41024	a040	db	DBAC0424
41025	a041	db	DBAC0425
41026	a042	db	DBAC0426
41027	a043	db	DBAC0427
41028	a044	db	DBAC0428
41029	a045	db	DBAC0429
41030	a046	db	DBAC0430
41031	a047	db	DBAC0431
41032	a048	db	DBAC0432
41033	a049	db	DBXSRDSYS
41034	a04a	db	DBXSRDFSYS
41035	a04b	db	DBXSRDNSYS
41036	a04c	db	DBXSINSYS
41037	a04d	db	DBRSMOREL
41038	a04e	db	DBPOPDNTRAN
41039	a04f	db	DBDNXTSINTUP
41040	a050	db	DBXTSINTUP

26. 5E13 Numeric Index: 41041-43860

ERROR CODE	PRM CODE	RANGE	MNEMONIC
41041	a051	db	DBPRDNTAN
41042	a052	db	DBPRXSRDTUP
41043	a053	db	DBPRNXTSINTUP
41044	a054	db	DBMODXSRDFST
41045	a055	db	DBMODNXT
41046	a056	db	DBSAGPRM
41047	a057	db	DBSA2LONG
41048	a058	db	DBSACDNTR
41049	a059	db	DBSACOREL
41050	a05a	db	DBSACSINTUP
41051	a05b	db	DBSACTBGN
41052	a05c	db	DBSACTEND
41053	a05d	db	DBSACTUPNUM
41054	a05e	db	DBSACUGPR
41055	a05f	db	DBSACUREL
41056	a060	db	DBSADNMOD
41057	a061	db	DBSAENMG
41058	a062	db	DBSAINVMG
41059	a063	db	DBSANOMATE
41060	a064	db	DBRFREOTPA
41061	a065	db	DBAC0461
41062	a066	db	DBAC0462
41063	a067	db	DBAC0463
41064	a068	db	DBAC0464
41065	a069	db	DBBADDRL
41066	a06a	db	DBBADATYPE
41067	a06b	db	DBGKRETTERR
41068	a06c	db	BADPRIMCNT
41069	a06d	db	DBADLNKFIELD
41070	a06e	db	DBFRELISBAD
41071	a06f	db	DBMISGKPAG
41072	a070	db	DBFRINFALL
41073	a071	db	DBUSDONFRE
41074	a072	db	DBPARGTLAST
41075	a073	db	DBPARPTBADGK
41076	a074	db	DBGKNOTONFREE
41077	a075	db	DBGCBADFIN
41078	a076	db	DBBADDIST
41079	a077	db	DBBADRTYP
41080	a078	db	DBNFNDTRN
41081	a079	db	DBNUNTRN
41082	a07a	db	DBACCDICSAME
41083	a07b	db	DBBADPHYSREL
41084	a07c	db	DBGKFCRCORPT
41085	a07d	db	DBGKCRTLOSS
41086	a07e	db	DBMAXVIRT
41087	a07f	db	DBOPNOSUP
41088	a080	db	DBOPVINCON
41089	a081	db	DBXTRAGKPAGS
41090	a082	db	DBLGFAIL
41091	a083	db	DBBRLMTYPE
41092	a084	db	DBGKCQUEFAIL
41093	a085	db	DBGK24TIMER
41094	a086	db	DBCYCLINGKBJT
41095	a087	db	DBBRTMPGKPROB
41096	a088	db	DBBRSKLNNULL
41097	a089	db	DBGKCSYSERR
41098	a08a	db	DBBRDATAPAGE
41099	a08b	db	DBAC0499
41100	a08c	db	DBAC0500
41131	a0ab	db	DHSH_OVFL
41450	a1ea	os	OSACE0
41451	a1eb	os	OSACE1
41452	a1ec	os	OSACE2
41453	a1ed	os	OSACE3
41454	a1ee	os	OSACE4
41455	a1ef	os	OSACE5
41456	a1f0	os	OSACE6

41457	a1f1	OS	OSACE7
41458	a1f2	OS	OSACE8
41459	a1f3	OS	OSACE9
41462	a1f6	OS	OSACE12
41465	a1f9	OS	OSACE15
41466	a1fa	OS	OSACE16
41467	a1fb	OS	OSACE17
41468	a1fc	OS	OSACE18
41469	a1fd	OS	OSACE19
41470	a1fe	OS	OSACE20
41471	a1ff	OS	OSACE21
41472	a200	OS	OSACE22
41473	a201	OS	OSACE23
41474	a202	OS	OSACE24
41475	a203	OS	OSACE25
41476	a204	OS	OSACE26
41477	a205	OS	OSACE27
41478	a206	OS	OSACE28
41479	a207	OS	OSACE29
41481	a209	OS	OSACE31
41482	a20a	OS	OSACE32
41483	a20b	OS	OSACE33
41484	a20c	OS	OSACE34
41485	a20d	OS	OSACE35
41486	a20e	OS	OSACE36
41488	a210	OS	OSACE38
41489	a211	OS	OSACE39
41491	a213	OS	OSACE41
41492	a214	OS	OSACE42
41494	a216	OS	OSACE44
41496	a218	OS	OSACE46
41497	a219	OS	OSACE47
41498	a21a	OS	OSACE48
41499	a21b	OS	OSACE49
41500	a21c	OS	OSACE50
41501	a21d	OS	OSACE51
41502	a21e	OS	OSACE52
41503	a21f	OS	OSACE53
41504	a220	OS	OSACE54
41505	a221	OS	OSACE55
41506	a222	OS	OSACE56
41507	a223	OS	OSACE57
41509	a225	OS	OSACE59
41510	a226	OS	OSACE60
41511	a227	OS	OSACE61
41512	a228	OS	OSACE62
41513	a229	OS	OSACE63
41514	a22a	OS	OSACE64
41515	a22b	OS	OSACE65
41517	a22d	OS	OSACE67
41518	a22e	OS	OSACE68
41519	a22f	OS	OSACE69
41520	a230	OS	OSACE70
41521	a231	OS	OSACE71
41522	a232	OS	OSACE72
41523	a233	OS	OSACE73
41524	a234	OS	OSACE74
41525	a235	OS	OSACE75
41526	a236	OS	OSACE76
41527	a237	OS	OSACE77
41528	a238	OS	OSACE78
41529	a239	OS	OSACE79
41531	a23b	OS	OSACE81
41532	a23c	OS	OSACE82
41534	a23e	OS	OSACE84
41535	a23f	OS	OSACE85
41536	a240	OS	OSACE86
41539	a243	OS	OSACE89
41540	a244	OS	OSACE90
41541	a245	OS	OSACE91
41542	a246	OS	OSACE92
41543	a247	OS	OSACE93

41544	a248	OS	OSACE94
41545	a249	OS	OSACE95
41547	a24b	OS	OSACE97
41549	a24d	OS	OSACE99
41550	a24e	OS	OSACE100
41551	a24f	OS	OSACE101
41552	a250	OS	OSACE102
41553	a251	OS	OSACE103
41554	a252	OS	OSACE104
41555	a253	OS	OSACE105
41556	a254	OS	OSACE106
41557	a255	OS	OSACE107
41558	a256	OS	OSACE108
41559	a257	OS	OSACE109
41560	a258	OS	OSACE110
41561	a259	OS	OSACE111
41562	a25a	OS	OSACE112
41563	a25b	OS	OSACE113
41564	a25c	OS	OSACE114
41565	a25d	OS	OSACE115
41566	a25e	OS	OSACE116
41567	a25f	OS	OSACE117
41568	a260	OS	OSACE118
41569	a261	OS	OSACE119
41570	a262	OS	OSACE120
41571	a263	OS	OSACE121
41572	a264	OS	OSACE122
41573	a265	OS	OSACE123
41574	a266	OS	OSACE124
41575	a267	OS	OSACE125
41576	a268	OS	OSACE126
41577	a269	OS	OSACE127
41578	a26a	OS	OSACE128
41579	a26b	OS	OSACE129
41580	a26c	OS	OSACE130
41581	a26d	OS	OSACE131
41582	a26e	OS	OSACE132
41583	a26f	OS	OSACE133
41584	a270	OS	OSACE134
41585	a271	OS	OSACE135
41586	a272	OS	OSACE136
41592	a278	OS	OSACE142
41593	a279	OS	OSACE143
41594	a27a	OS	OSACE144
41595	a27b	OS	OSACE145
41596	a27c	OS	OSACE146
41597	a27d	OS	OSACE147
41598	a27e	OS	OSACE148
41599	a27f	OS	OSACE149
41600	a280	OS	OSACE150
41602	a282	OS	OSACE152
41603	a283	OS	OSACE153
41604	a284	OS	OSACE154
41605	a285	OS	OSACE155
41606	a286	OS	OSACE156
41607	a287	OS	OSACE157
41608	a288	OS	OSACE158
41609	a289	OS	OSACE159
41610	a28a	OS	OSACE160
41611	a28b	OS	OSACE161
41612	a28c	OS	OSACE162
41613	a28d	OS	OSACE163
41614	a28e	OS	OSACE164
41615	a28f	OS	OSACE165
41616	a290	OS	OSACE166
41638	a2a6	OS	OSACE188
41639	a2a7	OS	OSACE189
41640	a2a8	OS	OSACE190
41641	a2a9	OS	OSACE191
41642	a2aa	OS	OSACE192
41643	a2ab	OS	OSACE193
41644	a2ac	OS	OSACE194

41645	a2ad	os	OSACE195
41647	a2af	os	OSACE197
41648	a2b0	os	OSACE198
41649	a2b1	os	OSACE199
41650	a2b2	os	OSACE200
41651	a2b3	os	OSACE201
41653	a2b5	os	OSACE203
41655	a2b7	os	OSACE205
42550	a636	psi	DTBADEV
42551	a637	psi	DTBADOS
42552	a638	psi	DTBADTIMER
42553	a639	psi	DTBADTM
42554	a63a	psi	DTETEFail
42555	a63b	psi	DTREASERR
42556	a63c	psi	DTOSSEND
42557	a63d	psi	DTSM2PIFAIL
42558	a63e	psi	INBDCKNM
42559	a63f	psi	INCCSWFAIL
42560	a640	psi	INDAHLSC
42561	a641	psi	INNRETGEN
42562	a642	psi	INPU_ERROR
42563	a643	psi	INUNITERR
42564	a644	psi	SIBADGRWREQ
42565	a645	psi	SIBADODRID
42566	a646	psi	SIMGTPBADREA
42567	a647	psi	SIMGTPINVMSG
42568	a648	psi	SIMGTPTIMEOUT
42569	a649	psi	SIOALLOCRTN
42570	a64a	psi	SIOLAOOR
42571	a64b	psi	SIOLEOOR
42572	a64c	psi	SIOLPHOOR
42573	a64d	psi	SIOPHBO
42574	a64e	psi	SIOPHNLI
42575	a64f	psi	SIOUTMPNL
42576	a650	psi	SIOM1
42577	a651	psi	SIOM2
42578	a652	psi	SIOM3
42579	a653	psi	SIOM4
42580	a654	psi	SIOM5
43750	aae6	ps	PSBADRS
43751	aae7	ps	PSFFERR
43752	aae8	ps	PSFFCLRD
43753	aae9	ps	PSESTIM
43755	aaeb	ps	PSPIDSCRD
43756	aaec	ps	PSPHDSCRD
43757	aaed	ps	PSPRISTAT
43758	aaee	ps	PSBADQPUPEVNT
43759	aaef	ps	PSCFBADMSG
43760	aaf0	ps	PSMDBADAP
43761	aaf1	ps	PSMSGBAD
43762	aaf2	ps	PSINERPS
43763	aaf3	ps	PSPSPB
43764	aaf4	ps	PSPPKB
43765	aaf5	ps	PSSESPB
43766	aaf6	ps	PSDPKB
43767	aaf7	ps	PSEPKB
43768	aaf8	ps	PSBADL3PARM
43769	aaf9	ps	PSDPB_DALB
43770	aafa	ps	PSL3DEFAULT
43771	aafb	ps	PSL3BADTEI
43772	aafc	ps	PSBADPKT
43773	aafd	ps	PSNOAPPL
43774	aafe	ps	PSBADOMSG
43775	aaff	ps	PSPDALB
43776	ab00	ps	PSUNXMSG
43777	ab01	ps	PSNOTMMSG
43778	ab02	ps	PSNOTMR
43779	ab03	ps	PSBADSTIM
43780	ab04	ps	PSNODPORT
43781	ab05	ps	PSTMJBFL
43782	ab06	ps	PSNOL3PLE
43783	ab07	ps	PSSENDASRT

43784	ab08	ps	PSRETASRT
43785	ab09	ps	PSBADPTYPE
43786	ab0a	ps	PSBADIETYPE
43787	ab0b	ps	PSQMSG2LONG
43788	ab0c	ps	PSAPINBUF
43789	ab0d	ps	PSFISTCINV
43790	ab0e	ps	PSINVDATA
43791	ab0f	ps	PSOSEND
43792	ab10	ps	PSPCBLA
43793	ab11	ps	PSAPBUF
43794	ab12	ps	PS_APLST
43795	ab13	ps	PSAPSITE
43796	ab14	ps	PSAPBMSG
43797	ab15	ps	PSAPBFEAT
43798	ab16	ps	PSAPSPSIG
43799	ab17	ps	PSAPINDBHC
43800	ab18	ps	PSAPINAPSPB
43801	ab19	ps	PSNOAPCP
43802	ab1a	ps	PSAPINEPKB
43803	ab1b	ps	PSAPINRMB
43804	ab1c	ps	PSAPINSITE
43805	ab1d	ps	PSAPSPB
43806	ab1e	ps	PSAPRMB
43807	ab1f	ps	PSAPEPKB
43808	ab20	ps	PSAPLOGCH
43809	ab21	ps	PSAPCLOSE
43810	ab22	ps	PSBADREASON
43811	ab23	ps	PSAPTPDALB
43812	ab24	ps	PSTPAPSPB
43813	ab25	ps	PSAPDDREF
43814	ab26	ps	PSBAD_MSG
43815	ab27	ps	PSBADAPTP
43816	ab28	ps	PSAPAUBUF
43817	ab29	ps	PSAPPKT
43818	ab2a	ps	PSISPAJHDLR
43819	ab2b	ps	PSENDMSG
43820	ab2c	ps	PSAPNOTMR
43821	ab2d	ps	PSAPTRMBAD
43822	ab2e	ps	PSAPREQFC
43823	ab2f	ps	PSAPSLFAUD
43824	ab30	ps	PSAPFSPL
43825	ab31	ps	PSAPFCREQ
43826	ab32	ps	PSAPFORWD
43827	ab33	ps	PSAPBCAST
43828	ab34	ps	PSNOBRCS
43829	ab35	ps	PSAPAMFC
43830	ab36	ps	PSAPFCSPB
43831	ab37	ps	PSAPFRCV
43832	ab38	ps	PSAPFCOMP
43833	ab39	ps	PSAPFCBAD
43834	ab3a	ps	PSAPBADTIMER
43835	ab3b	ps	PSAPBODD
43836	ab3c	ps	PSDSPB
43837	ab3d	ps	PSAPDPB
43838	ab3e	ps	PSAP_RESET
43839	ab3f	ps	PSAPDALB
43840	ab40	ps	PSBADAPHC
43841	ab41	ps	PS_ELV_APLST
43842	ab42	ps	PSDAFAILURE
43843	ab43	ps	PSAPTPDPB
43844	ab44	ps	PSBADHC
43845	ab45	ps	PSBDNEW_LVL
43846	ab46	ps	PSIFDPB
43847	ab47	ps	PSIFSPB
43848	ab48	ps	PSIFPKB
43849	ab49	ps	PSIFDALB
43850	ab4a	ps	PSIFNOTMR
43851	ab4b	ps	PSIFREASON
43852	ab4c	ps	PSIFEDCHN
43853	ab4d	ps	PSIFGREASON
43854	ab4e	ps	PSIFGNOTMR
43855	ab4f	ps	PSIFGNODALB

43856	ab50	ps	PSIFGTPMSG
43857	ab51	ps	PSIFGTPEVENT
43858	ab52	ps	PSIFGUSER
43859	ab53	ps	PSIFFCP
43860	ab54	ps	PSNORESET

27. 5E13 Numeric Index: 43861-44550

ERROR CODE	PRM CODE	RANGE	MNEMONIC
43861	ab55	ps	PSIFCLI
43862	ab56	ps	PSIFDSLEQUIP
43863	ab57	ps	PSENDER
43866	ab5a	ps	PSIFBADQMSG
43867	ab5b	ps	PSIPTST
43868	ab5c	ps	PSIFBADTMR
43869	ab5d	ps	PSBADMDMSG
43870	ab5e	ps	PSIFBADHEADC
43871	ab5f	ps	PSIFTRANSID
43872	ab60	ps	PSIFTKG
43873	ab61	ps	PSIFID
43874	ab62	ps	PSPIDISCARD
43875	ab63	ps	PSPHIDISCARD
43876	ab64	ps	PSPKBINIT
43877	ab65	ps	PSSCCPBDMSG
43878	ab66	ps	PSSINDXI
43879	ab67	ps	PSSIXRDF
43880	ab68	ps	PSSSTRDF
43881	ab69	ps	PSBADTRGT
43882	ab6a	ps	PSDATABAD
43883	ab6b	ps	PSBADLLM
43886	ab6e	ps	PSAPAMBC
43889	ab71	ps	PSODBMSGBAD
43890	ab72	ps	PS_DEFAULT
43894	ab76	ps	PSRTDPB
43895	ab77	ps	PSRTPICB
43896	ab78	ps	PSUKNUSR
43898	ab7a	ps	PSLPT_PT
43899	ab7b	ps	PSCOMMFAIL
43900	ab7c	ps	PSOSREASON
43901	ab7d	ps	PSUNEXEVNT
43902	ab7e	ps	PSPARMBAD
43903	ab7f	ps	PSDEFAULT
43904	ab80	ps	PSTCCPERR
43910	ab86	ps	PSAUAPDU
43911	ab87	ps	PSAUDPB
43912	ab88	ps	PSAURTEILA
43914	ab8a	ps	PSERRPRT
43915	ab8b	ps	PSPRORNX
43916	ab8c	ps	PSPRTCARD
43917	ab8d	ps	PSNULPRT
43918	ab8e	ps	PSBAD_VALUE
43919	ab8f	ps	PSUNKNSHSHPKT
43928	ab98	ps	PSFCPHDISCARD
43929	ab99	ps	PSFCSDDISCARD
43931	ab9b	ps	PSTCMGEXC
43936	aba0	ps	PSNOTMATCHED
43937	aba1	ps	PSNOTLOADED
43938	aba2	ps	PSINVARG
43939	aba3	ps	PSRUGLPRM
43973	abc5	ps	PSLPCASSERT
44050	ac12	upump	SIBADCMD
44051	ac13	upump	SIBADINDX
44052	ac14	upump	SIBADSMADD
44053	ac15	upump	SINOMATPMP
44054	ac16	upump	SINOFEPMP
44055	ac17	upump	SIHSCNOMAT
44056	ac18	upump	SIHSCNFEA
44058	ac1a	upump	SINOUIT
44059	ac1b	upump	SISMBADSTAT
44060	ac1c	upump	SICMDINTF
44061	ac1d	upump	SIUPPIOS

44062	ac1e	upump	SIBADIMG
44063	ac1f	upump	SIPIRNOMAT
44064	ac20	upump	SIPIRNFEA
44065	ac21	upump	SIBADCKT
44066	ac22	upump	SIBADPT
44067	ac23	upump	SISENDL
44068	ac24	upump	SIESCPMP
44069	ac25	upump	SICCFRST
44070	ac26	upump	SICCBDRY
44071	ac27	upump	SICCIMBX
44072	ac28	upump	SICCFMBX
44073	ac29	upump	SICCSTAT
44074	ac2a	upump	SICCACK
44075	ac2b	upump	SICCNCMP
44076	ac2c	upump	SICCHFL
44077	ac2d	upump	SICCKPCB
44078	ac2e	upump	SIPIBDRY
44079	ac2f	upump	SIPIHFL
44080	ac30	upump	SIPIRSTF
44081	ac31	upump	SIPHFRST
44082	ac32	upump	SIPHRDBF
44083	ac33	upump	SIPHBDRY
44084	ac34	upump	SIPHFLG
44085	ac35	upump	SIPHBUF
44086	ac36	upump	SIPHUDE
44087	ac37	upump	SIACKINTF
44088	ac38	upump	SIBADPIDB
44089	ac39	upump	SIBADPHTYPE
44090	ac3a	upump	SIPHDATAAMP
44091	ac3b	upump	SINOIMAGE
44092	ac3c	upump	SIHSCSTAT
44093	ac3d	upump	SIJMP2ERRLD
44094	ac3e	upump	SIJMP3ERRLD
44095	ac3f	upump	SIHSCERRLD
44096	ac40	upump	SIINITERRLD
44097	ac41	upump	SIPH3SETUP
44150	ac76	sipp	INPSBADRET
44151	ac77	sipp	INMGINVALID
44152	ac78	sipp	INPPTMOT
44153	ac79	sipp	OCDTWTERR
44154	ac7a	sipp	OCDDRERR
44155	ac7b	sipp	INPPENDFRQ
44156	ac7c	sipp	INPPICOST
44157	ac7d	sipp	INPPBMSG
44158	ac7e	sipp	INPPMSGLG
44159	ac7f	sipp	INPPWAITER
44160	ac80	sipp	INPPMSTYPE
44161	ac81	sipp	INMGBADTYPE
44162	ac82	sipp	INPPRETGEN
44163	ac83	sipp	INPPBINSYN
44164	ac84	sipp	INPPSYNFULL
44165	ac85	sipp	INPPBCHKIN
44166	ac86	sipp	INPPBDATA
44167	ac87	sipp	INPPBUNBLK
44168	ac88	sipp	INPPBSNDRER
44169	ac89	sipp	SIBADTBL
44170	ac8a	sipp	DTPBADOS
44171	ac8b	sipp	DTPBADEV
44172	ac8c	sipp	DTPBADTM
44173	ac8d	sipp	OCPREASERR
44174	ac8e	sipp	IMPASTSPP
44175	ac8f	sipp	IMPASTLCN
44176	ac90	sipp	IMPWPINV
44177	ac91	sipp	IMPINJTHR
44178	ac92	sipp	SITYRESET
44179	ac93	sipp	SITYRERR
44180	ac94	sipp	SITYBDEV
44181	ac95	sipp	SITYBDMS
44182	ac96	sipp	INPCPHSE
44183	ac97	sipp	INPCPHMD
44184	ac98	sipp	INPCPHBC
44185	ac99	sipp	INPCPHCR

44186	ac9a	sipp	INPCPHTT
44187	ac9b	sipp	INPCPHMR
44188	ac9c	sipp	INPCPHPR
44189	ac9d	sipp	INPCPHPS
44190	ac9e	sipp	OCBADREAS
44191	ac9f	sipp	OCBADCHTP
44192	aca0	sipp	OCBADLLCB
44193	aca1	sipp	OCBADBUFP
44194	aca2	sipp	OCOORLLCB
44195	aca3	sipp	INMGBADPARAM
44196	aca4	sipp	OCOORLVL
44197	aca5	sipp	OCBADOS
44198	aca6	sipp	SIHSCOVFLW
44199	aca7	sipp	OCPISSND
44200	aca8	sipp	INIDSPSSNDMSG
44201	aca9	sipp	IMOSMCB
44202	acaa	sipp	IMOSPCB
44203	acab	sipp	IMOSSCB
44204	acac	sipp	IMOSTCB
44205	acad	sipp	INPCPHIT
44206	acae	sipp	INPCPHBS
44207	acaf	sipp	INPCPHIA
44208	acb0	sipp	INPCPHEP
44209	acb1	sipp	IMPHPURGAMA
44210	acb2	sipp	OCBADID
44211	acb3	sipp	SIBADRET
44213	acb5	sipp	IMASTIMG
44214	acb6	sipp	OCBADCNT
44215	acb7	sipp	IMPRPIAST
44216	acb8	sipp	IMPSPAST
44217	acb9	sipp	IMRSCRCVY
44218	acba	sipp	INDFTYPE
44219	acbb	sipp	IMAPCDSP
44220	acbc	sipp	INPSINIT
44221	acbd	sipp	INAUDTEST
44350	ad3e	psph	PSTIMFLR
44351	ad3f	psph	PSSPYERR
44352	ad40	psph	PSBADTFDL
44353	ad41	psph	PSBADRFDL
44354	ad42	psph	PSBADRSTAT
44355	ad43	psph	PSBADMODE
44356	ad44	psph	PSADCL2E
44357	ad45	psph	PSAWMSGR
44358	ad46	psph	PSAMSGLG
44359	ad47	psph	PSAMSGTP
44360	ad48	psph	PSAMSGRT
44361	ad49	psph	PSATMRTN
44362	ad4a	psph	PSABDCHN
44363	ad4b	psph	PSALTUNK
44364	ad4c	psph	PSALLCBT
44365	ad4d	psph	PSALKCNR
44366	ad4e	psph	PSAFRSBD
44367	ad4f	psph	PSALIOOR
44368	ad50	psph	PSINVPARM
44369	ad51	psph	PSNOLLCB
44370	ad52	psph	PSLNKLLCB
44371	ad53	psph	PSENOL3T
44372	ad54	psph	PSBIXLLCB
44373	ad55	psph	PSUNEXLLCB
44374	ad56	psph	PSIQBADIFD
44375	ad57	psph	PSMDRDERR
44376	ad58	psph	PSMDLPHERR
44377	ad59	psph	PSCCSL2E
44378	ad5a	psph	PSCWMSGR
44379	ad5b	psph	PSCMSGLG
44380	ad5c	psph	PSCMSGSR
44381	ad5d	psph	PSCMSGTYP
44382	ad5e	psph	PSCL2REQ
44383	ad5f	psph	PSCL2IACRT
44384	ad60	psph	PSCL2STATE
44385	ad61	psph	PSCTMRTN
44386	ad62	psph	PSCPHTYPE

44387	ad63	psph	PSCDSLDATE
44388	ad64	psph	PSCXMITRT
44389	ad65	psph	PSCLSSUSI
44390	ad66	psph	PSCMSGRT
44391	ad67	psph	PSCTCNGST
44392	ad68	psph	PSCRCNGST
44393	ad69	psph	PSCBSNERST
44394	ad6a	psph	PSCFIBERST
44395	ad6b	psph	PSCSPYRET
44396	ad6c	psph	PSCBOVR
44397	ad6d	psph	PSCRTBCNT
44398	ad6e	psph	PSLANFAIL
44399	ad6f	psph	PSCEMSUTYPE
44400	ad70	psph	PSCEMSUUP
44401	ad71	psph	PSCUNRET
44402	ad72	psph	PSCNOLDISH
44403	ad73	psph	PSCLSBAD
44404	ad74	psph	PSCNOSLCPH
44405	ad75	psph	PSCBADMET
44406	ad76	psph	PSCDYBUFF
44407	ad77	psph	PSCBADCT
44408	ad78	psph	PSCMSULGTH
44409	ad79	psph	PSCUPDPC2LS
44410	ad7a	psph	PSCNOPH2LS
44411	ad7b	psph	PSCUPTYBAD
44412	ad7c	psph	PSCSMHUNRET
44413	ad7d	psph	PSCLS2SLC
44414	ad7e	psph	PSCNOAPD2PH
44415	ad7f	psph	PSCLSMBBAD
44416	ad80	psph	PSCSZOMBAD
44417	ad81	psph	PSCSPREAS
44418	ad82	psph	PSCINITST
44419	ad83	psph	PSCUNMSG
44420	ad84	psph	PSCUNGTYPE
44421	ad85	psph	PSCLATEINIT
44422	ad86	psph	PSCLATECOMP
44423	ad87	psph	PSCSEQCHK
44424	ad88	psph	PSCUNUPD
44425	ad89	psph	PSCLTADDBAD
44426	ad8a	psph	PSCLTMOBAD
44427	ad8b	psph	PSCBADUPACT
44428	ad8c	psph	PSCUPSLC2PH
44429	ad8d	psph	PSCREFDYDATA
44430	ad8e	psph	PSCUNWAIT
44431	ad8f	psph	PSCBADCALL
44432	ad90	psph	PSCSNMBAD
44433	ad91	psph	PSCOPCTRBAD
44434	ad92	psph	PSCNOOPCUNT
44435	ad93	psph	PSCOPCUNTBAD
44436	ad94	psph	PSIPD001
44437	ad95	psph	PSIPD002
44438	ad96	psph	PSIPD003
44439	ad97	psph	PSIPD004
44440	ad98	psph	PSIPD005
44441	ad99	psph	PSIPV001
44442	ad9a	psph	PSIPV002
44443	ad9b	psph	PSIPV003
44444	ad9c	psph	PSIPV004
44445	ad9d	psph	PSIPV005
44446	ad9e	psph	PSCPURG
44447	ad9f	psph	PSB_ACTION
44448	ada0	psph	PSB_CHAN
44449	ada1	psph	PSB_ERROR
44450	ada2	psph	PSB_GENFRM
44451	ada3	psph	PSB_IFD
44452	ada4	psph	PSB_MSG
44453	ada5	psph	PSB_PHCTYPE
44454	ada6	psph	PSB_PTCHECK
44455	ada7	psph	PSB_REJEVENT
44456	ada8	psph	PSB_STATE
44457	ada9	psph	PSB_TIMER
44458	adaa	psph	PSX_ACTION

44459	adab	psph	PSX_QDNULL
44460	adac	psph	PSX_NOHUNT
44461	adad	psph	PSX_RPT2BK
44462	adae	psph	PSX_USERD
44463	adaf	psph	PSX_ALTIM
44464	adb0	psph	PSX_PT2BK
44465	adb1	psph	PSX_LSTATE
44466	adb2	psph	PSX_ARETIM
44467	adb3	psph	PSX_MSGER
44468	adb4	psph	PSX_ASTATE
44469	adb5	psph	PSX_LCTIM
44470	adb6	psph	PSPHDABAD
44471	adb7	psph	PS_LL2AL
44472	adb8	psph	PSX_INMSG
44473	adb9	psph	PSZATALCBERR
44474	adba	psph	PSZDTMSGERR
44475	adbb	psph	PSZBLALCBERR
44476	adbc	psph	PSZBLMSGERR
44481	adc1	psph	PSCL6BADSPY
44482	adc2	psph	PSBADIPH
44483	adc3	psph	PSBADALK
44484	adc4	psph	PSBADAHD
44485	adc5	psph	PSBADCLK
44486	adc6	psph	PSBADCHD
44487	adc7	psph	PSUNXPROC
44488	adc8	psph	PSTOINJ
44489	adc9	psph	PSX_PVCERR
44490	adca	psph	PSL2PTCHECK
44491	adcb	psph	PSL2PROTOTYPE
44492	adcc	psph	PSL2CHANTYPE
44493	adcd	psph	PSL2NOLLCB
44494	adce	psph	PSL2PARMINV
44495	adcf	psph	PSL2BADLNK
44496	add0	psph	PSL2UNEXLNK
44497	add1	psph	PSPHAXER
44498	add2	psph	PSPHESER
44500	add4	psph	PST3L3CHK
44501	add5	psph	PST3L2CHK
44503	add7	psph	PST3EXLL
44505	add9	psph	PST3LOTIME
44506	adda	psph	PST3TTYEBAD
44507	addb	psph	PST3CTYPEBAD
44508	addc	psph	PST3PARMBAD
44509	addd	psph	PST3DELAYBAD
44510	adde	psph	PST3TRUNBAD
44511	addf	psph	PST3TAGBAD
44512	ade0	psph	PSX_PTYP
44513	ade1	psph	PSX_INVACT
44514	ade2	psph	PSLANDPX
44515	ade3	psph	PSEBADDCBI
44516	ade4	psph	PSEBADDPH
44517	ade5	psph	PSEBADSM
44518	ade6	psph	PSEBADRET
44519	ade7	psph	PSEBADLCCB
44520	ade8	psph	PSELINKAGE
44521	ade9	psph	PSEBADMSGID
44522	adea	psph	PSKBADPTRS
44523	adeb	psph	PSKSNDEERR
44524	adec	psph	PSKINVSGSZ
44525	aded	psph	PSKINV POLL
44526	adee	psph	PSKINVRATE
44527	adef	psph	PSKINVRCD
44528	adf0	psph	PSKINVRSN
44529	adf1	psph	PSKBADMSG
44530	adf2	psph	PSWINVMSG
44531	adf3	psph	PSWINV DATA
44532	adf4	psph	PSWINV PARA
44533	adf5	psph	PSWOSWAIT
44534	adf6	psph	PSWBDRSN
44535	adf7	psph	PSOCBADRET
44536	adf8	psph	PSRESREC
44539	adfb	psph	PSSCBDYN

44540	adfc	psph	PSSCBUPD
44541	adfd	psph	PSSCBUDT
44542	adfe	psph	PSSCBDTB
44543	adff	psph	PSSCBDRT
44544	ae00	psph	PSSCBDCV
44545	ae01	psph	PSSCBDMG
44546	ae02	psph	PSCL6LKR
44547	ae03	psph	PSCL6INVMUM
44548	ae04	psph	PSCL6SYNT
44549	ae05	psph	PSC6PNDMAX
44550	ae06	psph	PSCL6STATE

28. 5E13 Numeric Index: 44551-49999

ERROR CODE	PRM CODE	RANGE	MNEMONIC
44551	ae07	psph	PSCL6NOTQSP
44552	ae08	psph	PSCL6NOXQSP
44553	ae09	psph	PS6NOTIMR
44554	ae0a	psph	PSCL6EVENT
44555	ae0b	psph	PSECNSC
44556	ae0c	psph	PSECBDRT
44557	ae0d	psph	PSECSM
44558	ae0e	psph	PSECMXBUF
44559	ae0f	psph	PSLLSSMERR
44560	ae10	psph	PSALSBERR
44561	ae11	psph	PSLSBERR
44562	ae12	psph	PSNAPHLS
44563	ae13	psph	PSNAURET
44564	ae14	psph	PSNASMHRET
44565	ae15	psph	PSNADYBUFF
44566	ae16	psph	PSNABADCALL
44567	ae17	psph	PSNANOLD SH
44568	ae18	psph	PSNANODPC
44569	ae19	psph	PSNANOSTPH
44570	ae1a	psph	PSNANOAPD2PH
44571	ae1b	psph	PSNALS2SLC
44572	ae1c	psph	PSNASPREAS
44573	ae1d	psph	PSNANMBAD
44574	ae1e	psph	PSNAECBAD
44575	ae1f	psph	PSNASCBAD
44576	ae20	psph	PSBADCHON
44587	ae2b	psph	PSSCUSSN
44588	ae2c	psph	PSSCUDPC
44591	ae2f	psph	PSRIPKT_BPATH
44592	ae30	psph	PSBADRET
44593	ae31	psph	PSBDCHAN
44595	ae33	psph	PSALDBIX
44602	ae3a	psph	PSG_LSTATE
44603	ae3b	psph	PSG_TIMINV
44604	ae3c	psph	PSG_DATA CHG
44605	ae3d	psph	PSG_CAMPON
44608	ae40	psph	PST3XXTMR
44611	ae43	psph	PSPKTBND
44612	ae44	psph	PSALDBHD
44613	ae45	psph	PSX_PMD_
44614	ae46	psph	PSSGRFDBAD
44615	ae47	psph	PSSGT FDBAD
44616	ae48	psph	PSB_ACTTYPE
44617	ae49	psph	PSCSPYRSC
44619	ae4b	psph	PSSGITOUT
44620	ae4c	psph	PSSGATOUT
44623	ae4f	psph	PSRBADVC
44624	ae50	psph	PST3RUNA
44625	ae51	psph	PST3RUNL
44626	ae52	psph	PSDMAPBDERR
44632	ae58	psph	PSINVIPHDR
44633	ae59	psph	PSUNTMRTG
44634	ae5a	psph	PSCERRSDLDATA
44636	ae5c	psph	PSCTMRINT
44637	ae5d	psph	PSNAUNMSG
44638	ae5e	psph	PSNAERWAIT

44639	ae5f	psph	PSSCPBADATA
44653	ae6d	psph	PSWBINVMMSG
44654	ae6e	psph	PSWBINVLEN
44655	ae6f	psph	PSWBINVCXN
44660	ae74	psph	PSBADVALUE
44662	ae76	psph	PSUNKNHSHPKT
44666	ae7a	psph	PSINV_MSG
44668	ae7c	psph	PSBADSUBSYS
44669	ae7d	psph	PSBADNPRIM
44670	ae7e	psph	PSBADCOIMS
44671	ae7f	psph	PSRUNTGUARD
44672	ae80	psph	PSBADCOCXN
44673	ae81	psph	PSBKSTBL
44676	ae84	psph	PS1SBADTIMER
44677	ae85	psph	PS10SBADTIMER
44679	ae87	psph	PSSCPBDMMSG
44681	ae89	psph	PSCPCLENBAD
44682	ae8a	psph	PSVMRNG
44683	ae8b	psph	PSCONGTYPE
44684	ae8c	psph	PSNETINV
44685	ae8d	psph	PSENDPTINV
44686	ae8e	psph	PSMDBADPARM
44687	ae8f	psph	PSBADCL2RQT
44688	ae90	psph	PSQBADMSG
44689	ae91	psph	PSQPH1
44690	ae92	psph	PSQBADSTIM
44691	ae93	psph	PSISQPH
44692	ae94	psph	PSBADERR
44693	ae95	psph	PSSGFAIL
44694	ae96	psph	PSLPBK
44695	ae97	psph	PSINVQLNT
44696	ae98	psph	PSINVLCCBIDX
44697	ae99	psph	PSLLCBLKERR
44698	ae9a	psph	PSQBADRAM
44699	ae9b	psph	PSQUNKENDPT
44700	ae9c	psph	PSQBADBCAST
44701	ae9d	psph	PSQQUEFULL
44702	ae9e	psph	PSQLV2RESTRT
44703	ae9f	psph	PSQINVDERR
44704	aea0	psph	PSQLML2BLK
44705	aea1	psph	PSQLMOOSL1
44707	aea3	psph	PSBADMEM
44708	aea4	psph	PSINVRATE
44709	aea5	psph	PSDCDBERR
44710	aea6	psph	PSPPDBERR
44711	aea7	psph	PSUNXPPFRM
44712	aea8	psph	PST3TMRRERR
44713	aea9	psph	PSINVPVMT
44714	aeaa	psph	PSSGCHFAIL
44715	aeab	psph	PVQUEFULL
44716	aeac	psph	PVINVVFSM
44717	aead	psph	PVENVFAIL
44718	aeae	psph	PVINVINPUT
44719	aeaf	psph	PVUNXTMREXP
44720	aeb0	psph	PVINVOUTPUT
44721	aeb1	psph	PVINVEVENT
44722	aeb2	psph	PVINVTMRTP
44723	aeb3	psph	PVTMRFAIL
44724	aeb4	psph	PVVFSMFAIL
44725	aeb5	psph	PVUNEXDATA
44729	aeb9	psph	PSTCCOPER
44730	aeba	psph	PSTCMSEXC
44731	aebb	psph	PVCSENTRY
44732	aebc	psph	PSNA7STUB
44734	aebe	psph	PVERRVOC
44738	aec2	psph	PSTCUSSN
44739	aec3	psph	PSTCINDBAD
44745	aec9	psph	PSPSUPATH
44746	aeca	psph	PVADTERR
44747	aecb	psph	PSLLCBINVIDX
44755	aed3	psph	PS1ACTVCBAD
44756	aed4	psph	PS2ACTVCBAD

44757	aed5	psph	PS3ACTVCBAD
44758	aed6	psph	PS4ACTVCBAD
44759	aed7	psph	PSALCBINVIDX
44760	aed8	psph	PSBADLNK
44761	aed9	psph	PSBADPRM
44762	aeda	psph	PSBDLKRTDB
44763	aedb	psph	PSINCON
44764	aedc	psph	PSINVFAR_DATA
44765	aedd	psph	PSINVIPT_DATA
44766	aede	psph	PSINV_FUNC
44767	aedf	psph	PSLCCBINVIDX
44768	ae0	psph	PSLCQBAD
44769	ae1	psph	PSLNKRTDB
44770	ae2	psph	PSNOALDB
44771	ae3	psph	PSNOT3XX
44772	ae4	psph	PSPH2A_INV
44773	ae5	psph	PSRTDBHD
44774	ae6	psph	PST3XXLLCB
44775	ae7	psph	PSXRCVBADTPC
44776	ae8	psph	PSXRQTYPE
44777	ae9	psph	PSXSNDADTPC
44778	ae10	psph	PSX_BADTDOWN
44779	ae11	psph	PSX_INVUD
44780	ae12	psph	PSX_R1BDATA
44781	ae13	psph	PSX_RSTBAD
44782	ae14	psph	PSX_UDINV
44783	ae15	psph	PSIPHDRINV
44784	ae16	psph	PST3XXALCB
44950	af96	pspi	PSPBDLST
44951	af97	pspi	PSPBLKSZ
44952	af98	pspi	PSFTOFFBAD
44953	af99	pspi	PSFROFFBAD
44954	af9a	pspi	PSFLAGBAD
44955	af9b	pspi	PSFCNTBAD
44956	af9c	pspi	PSF2MNPYKTS
44957	af9d	pspi	PSFTOOBIG
44958	af9e	pspi	PSLCBLBAD
44959	af9f	pspi	PSLONGCBL
44960	afa0	pspi	PSBADFFU
44961	afa1	pspi	PSFLASTLOOK
45050	affa	pspp	PSBDCH2L
45051	affb	pspp	PSBADSTATE
45052	affc	pspp	PSLLCBPTR
45053	affd	pspp	PSTIMCRPT
45054	affe	pspp	PSCPERR
45055	afff	pspp	PSLANCRPT
45056	b000	pspp	PSINTJOS
45057	b001	pspp	PSPKTERR
45058	b002	pspp	PSSWABMSG
45059	b003	pspp	PSSWCPY
45060	b004	pspp	PSLRFDBAD
45061	b005	pspp	PSLNOTXCMD
45062	b006	pspp	PSTINPUT
45063	b007	pspp	PSBADARG
45064	b008	pspp	PSNOGPBD
45065	b009	pspp	PSUNEXOFF
45066	b00a	pspp	PSNOIFD
45067	b00b	pspp	PSBADIFD
45068	b00c	pspp	PSLNKIFD
45069	b00d	pspp	PSOWNIFD
45070	b00e	pspp	PSBIXIFD
45071	b00f	pspp	PSUNEXIFD
45072	b010	pspp	PSUNEXRC
45073	b011	pspp	PSBADHDC
45074	b012	pspp	PSIFDOOR
45075	b013	pspp	PSINVCOMB
45076	b014	pspp	PSINVSEQ
45077	b015	pspp	PSP8TTYPE
45078	b016	pspp	PSTRANFRM
45079	b017	pspp	PSIFDLNK
45080	b018	pspp	PSBADBDU
45081	b019	pspp	PSBDGONE

45082	b01a	pspp	PSTEXLLCB
45083	b01b	pspp	PSL2HCLLCB
45084	b01c	pspp	PSBADACTPB
45085	b01d	pspp	PSLANRBDSTART
45086	b01e	pspp	PSLTFDBAD
45087	b01f	pspp	PSLINVPARM
45088	b020	pspp	PSLTIMEOUT
45089	b021	pspp	PSBDCASLOOP
45090	b022	pspp	PSLPIBAD
45091	b023	pspp	PSTBADOWNER
45092	b024	pspp	PSTBADHDC
45093	b025	pspp	PSTBADTE
45094	b026	pspp	PSATMHWFAIL
45095	b027	pspp	PSBADVPI
45096	b028	pspp	PSBADPBCB
45098	b02a	pspp	PSPBTIMRUN
45099	b02b	pspp	PSUTIMRUN
45100	b02c	pspp	PSINVTIDX
45101	b02d	pspp	PSINVIDX
45102	b02e	pspp	PSLANLNGFRM
45103	b02f	pspp	PSLPCASSERT
45150	b05e	smpp	PPREPORT
45151	b05f	smpp	PPCICTR1
45152	b060	smpp	PPCICTR2
45153	b061	smpp	PPCIINT
45154	b062	smpp	PPBADTHRESH
45155	b063	smpp	PPBADERR
45156	b064	smpp	PPBADINTINFO
45157	b065	smpp	PPBADMSG
45158	b066	smpp	PPCHANBIG
45159	b067	smpp	PPCHIPBIG
45160	b068	smpp	PPBADPH
45161	b069	smpp	PPBADPI
45162	b06a	smpp	PPBADINIT
45163	b06b	smpp	PPMMUCRITERR
45164	b06c	smpp	SMSWBADACTION
45165	b06d	smpp	SMSWGACKF
45166	b06e	smpp	SMSWRETWSOS
45167	b06f	smpp	SMSWBMMUPTR
45168	b070	smpp	SMSWBABORT
45169	b071	smpp	SMSWBSITYPE
45170	b072	smpp	SMSWHPQMSG
45171	b073	smpp	PPISMBABBLE
45172	b074	smpp	SMSWCHSIZE
45173	b075	smpp	PPWPSKOV
45174	b076	smpp	PPWPSKUV
45175	b077	smpp	SMCRNULK
45176	b078	smpp	PPWPUSER
45177	b079	smpp	SMCRFORE
45178	b07a	smpp	SMCRLEVEL
45179	b07b	smpp	SMCRCOUNT
45180	b07c	smpp	SMCRNOBEG
45181	b07d	smpp	SMCRBEND
45182	b07e	smpp	PPCHGBAD
45183	b07f	smpp	PPLPIBAD
45184	b080	smpp	SMMHCLE1
45185	b081	smpp	SMMHCLE2
45186	b082	smpp	SMMHCLE3
45187	b083	smpp	SMMHCLE4
45188	b084	smpp	SMMHCLE5
45189	b085	smpp	SMMHAUINV
45190	b086	smpp	SMQLEPWPINV
45191	b087	smpp	SMQLEPNETINV
45192	b088	smpp	SMQLMHMSGINV
45193	b089	smpp	SMQLCMDINV
45194	b08a	smpp	SMQLERRYPINV
45195	b08b	smpp	SMQGLDATA
45196	b08c	smpp	SMQGLSWINV
45197	b08d	smpp	SMQLEPNOTOSDS
45198	b08e	smpp	SMQGLSTINV
45199	b08f	smpp	SMQGLMSGINV
45200	b090	smpp	SMQGLCMDINV

45201	b091	smpp	SMQLUDINV
45202	b092	smpp	SMQGLSSINV
45203	b093	smpp	SMQLQFULL
45204	b094	smpp	SMQLBDACTON
45205	b095	smpp	SMQLPROFILE
45206	b096	smpp	SMQLEGETPROF
45207	b097	smpp	SMQLERRPROF
45208	b098	smpp	SMSIMS_SIDE
45209	b099	smpp	SMEQGP_RID
45210	b09a	smpp	SMQLN2PB
45211	b09b	smpp	SMQLNETINV
45212	b09c	smpp	SMQPSTINV
45213	b09d	smpp	SMQPEQINV
45214	b09e	smpp	SMQLPBKINV
45215	b09f	smpp	SMQLMQPSINV
45216	b0a0	smpp	PPVASYNINTER
45217	b0a1	smpp	PPMASKTIMREQF
45218	b0a2	smpp	SMBADPARAM
45219	b0a3	smpp	SMBADCONN
45220	b0a4	smpp	SMCONNMGBAD
45221	b0a5	smpp	SMBADPSUCA
45222	b0a6	smpp	PPPACMINIT
45223	b0a7	smpp	PPBADOSEVENT
45224	b0a8	smpp	PPACUNXMSG
45225	b0a9	smpp	PPACBADMACH
45226	b0aa	smpp	PPIMQFULL
45227	b0ab	smpp	PPACVFSM
45228	b0ac	smpp	PPACUNXINPUT
45229	b0ad	smpp	PPPACINAME
45230	b0ae	smpp	PP2NDPROV
45231	b0af	smpp	PPACUNXEVT
45232	b0b0	smpp	PPMETAGINUSE
45233	b0b1	smpp	PPBADTTYTYPE
45234	b0b2	smpp	PPNOGETTIMER
45235	b0b3	smpp	PPACFSMFAIL
45236	b0b4	smpp	PPNOSTOP
45237	b0b5	smpp	PPBADTMSTATIC
45238	b0b6	smpp	PPBADMETAG
45239	b0b7	smpp	PPXMQNOTEMPTY
45240	b0b8	smpp	PPIMQNOTEMPTY
45241	b0b9	smpp	PPINPSZOOB
45242	b0ba	smpp	PPBADENUM
45243	b0bb	smpp	PPIMQINFLOOP
45244	b0bc	smpp	PPXMQFULL
45245	b0bd	smpp	PPBADINUSE
45246	b0be	smpp	SMUNEXHWSTATE
45247	b0bf	smpp	PPASNSTP
45248	b0c0	smpp	SMBAD_UNIT
45249	b0c1	smpp	SMELMHINVMMSG
45250	b0c2	smpp	SMELMHINVCMMD
45251	b0c3	smpp	SMELMHINVMDATA
45252	b0c4	smpp	SMELINVPTCNT
45253	b0c5	smpp	SMELMHINVEVENT
45254	b0c6	smpp	SMELMHINVELNK
45255	b0c7	smpp	SMELDATAACRPT
45256	b0c8	smpp	SMELPSTINVDATA
45257	b0c9	smpp	PPPHZINVEVENT
45258	b0ca	smpp	PPPHZUNKSTATE
45259	b0cb	smpp	PPPHZUNWAKEUP
45260	b0cc	smpp	PPPHZUNOPENLPC
45261	b0cd	smpp	PPPHZUNKEVENT
45262	b0ce	smpp	PPPHZTIMEOUT
45263	b0cf	smpp	PPPHZINEVENT
45264	b0d0	smpp	PPPHZMISSEQ
45265	b0d1	smpp	PPPHZUNCLOSE
45266	b0d2	smpp	PPPHZUNEXPLPC
45300	b0f4	aupp	AUBADMANNER
45301	b0f5	aupp	AUBADPARAM
45302	b0f6	aupp	AUBADMODE
45303	b0f7	aupp	AUBDTTY
45304	b0f8	aupp	AUPSACID
45305	b0f9	aupp	AUPSCOND

45306	b0fa	aupp	AUPMSLG
45307	b0fb	aupp	AUPSTYLG
45308	b0fc	aupp	AUPSERREA
45309	b0fd	aupp	AUPSFUNC
45310	b0fe	aupp	AUPSITYP
45311	b0ff	aupp	AUPSBDM
45312	b100	aupp	AUPSTOPER
45313	b101	aupp	AUPSACSEG
45314	b102	aupp	AUPSMOD
45315	b103	aupp	AUPSBADRET
45316	b104	aupp	AUPSLRBDPOOL
45317	b105	aupp	KAPSPGERR
45318	b106	aupp	AUBADUSE
45320	b108	aupp	AUERTRAN
45321	b109	aupp	AUERLARM
45450	b18a	pmppp	INPMPHBT
45451	b18b	pmppp	INMPHRS
45452	b18c	pmppp	INMPHSM
45453	b18d	pmppp	INMPHPU
45454	b18e	pmppp	INMPHPT
45455	b18f	pmppp	INMPHCR
45456	b190	pmppp	INMPHIT
45457	b191	pmppp	INMPHNM
45458	b192	pmppp	INMPHIP
45459	b193	pmppp	INMPHIA
45460	b194	pmppp	INMPHIM
45461	b195	pmppp	INMPHTP
45462	b196	pmppp	INMPHBM
45463	b197	pmppp	INMPHML
45464	b198	pmppp	INMPHSD
45465	b199	pmppp	INMPHPI
45466	b19a	pmppp	INMPHIF
45467	b19b	pmppp	INMPHNR
45468	b19c	pmppp	INMPHBF
45469	b19d	pmppp	INMPHEF
45470	b19e	pmppp	INMPHNB
45471	b19f	pmppp	INMPHLE
45472	b1a0	pmppp	INMPHNA
45473	b1a1	pmppp	INMPHTO
45474	b1a2	pmppp	INMPHSC
45475	b1a3	pmppp	INMPHER
45476	b1a4	pmppp	INMPHTB
49999	c34f	unk	OUT OF RANGE

5E14 Numeric Index

1. 5E14 Numeric Index: 0-1069

ERROR CODE	PRM CODE	RANGE	MNEMONIC
0	0	dsmkp	SMUNK_EVNT
6	6	dsmkp	SMUNK_TOUT
7	7	dsmkp	SM7SK_Q_ERR
8	8	dsmkp	SMUSER_ERR
9	9	dsmkp	SMTQ_OVFLW
10	a	dsmkp	SMNOMSGE
11	b	dsmkp	SMBAD_TOUT
12	c	dsmkp	SMUNK_MSG
13	d	dsmkp	SMCILBLCL
14	e	dsmkp	SMCRIT_VIOL
15	f	dsmkp	SMUSER_Q_ERR
16	10	dsmkp	SMCNOPT
17	11	dsmkp	SMBAD_USTATE
18	12	dsmkp	SMNO_AIM
19	13	dsmkp	SMNO_TQE
20	14	dsmkp	SMNO_PORT
21	15	dsmkp	SMNO_CMKP
22	16	dsmkp	SMCMOPFAIL
23	17	dsmkp	SMNODBPCD
24	18	dsmkp	SMNONPCD
25	19	dsmkp	SMUNK_ACK
26	1a	dsmkp	SMBADACK
27	1b	dsmkp	SMCPRCSPP
28	1c	dsmkp	SMCSWFLT
50	32	dsmkp	SMBADMSG
51	33	dsmkp	SMBADPAR
52	34	dsmkp	SMBACTYPE
53	35	dsmkp	SMNOMSG
54	36	dsmkp	SM54BADACK
55	37	dsmkp	SMPCDERR
56	38	dsmkp	SMNOPCD
57	39	dsmkp	SMNOEQUIP
60	3c	dsmkp	SM60BADMSG
61	3d	dsmkp	SMBDMSTYP
62	3e	dsmkp	SMBADPCD
63	3f	dsmkp	SMBDCALL
64	40	dsmkp	SMCONAP
65	41	dsmkp	SMMEAP
66	42	dsmkp	SMGTMAP
67	43	dsmkp	SMNOSLOTAP
68	44	dsmkp	SMEECDAP
69	45	dsmkp	SMOPENAP
70	46	dsmkp	SMUECDAP
71	47	dsmkp	SMHMAP
72	48	dsmkp	SMSTCAP
73	49	dsmkp	SMKP73
74	4a	dsmkp	SMKP74
75	4b	dsmkp	SMKP75
76	4c	dsmkp	SMKP76
77	4d	dsmkp	SMKP77
78	4e	dsmkp	SMKP78
79	4f	dsmkp	SMKP79
80	50	dsmkp	SMKP80
81	51	dsmkp	SMKP81
82	52	dsmkp	SMURECAP
83	53	dsmkp	SMRTSAP
84	54	dsmkp	SMLINKBAD
85	55	dsmkp	SMBADhHMSG
86	56	dsmkp	SMMAPBAD
88	58	dsmkp	SMKP88
89	59	dsmkp	SMKP89
90	5a	dsmkp	SMKP90
100	64	dsmkp	SMASTONP
101	65	dsmkp	SMASTOBRPT
102	66	dsmkp	SMASTDBRDF

103	67	dsmkp	SMBDINCV
104	68	dsmkp	SMIIONLP
105	69	dsmkp	SMIIONPCD
106	6a	dsmkp	SMIIONLRM
107	6b	dsmkp	SMIIONNR
108	6c	dsmkp	SMIIONAR
109	6d	dsmkp	SMIISONP
110	6e	dsmkp	SMIISONOPCD
111	6f	dsmkp	SMIISOBM
112	70	dsmkp	SMIISOCARD
113	71	dsmkp	SMIIAAUE
150	96	dsmkp	SMAUBINT
151	97	dsmkp	SMAUBERR
152	98	dsmkp	SMAUBSWT
153	99	dsmkp	SMAUBRST
154	9a	dsmkp	SMAUBRMU
155	9b	dsmkp	SMAUBADT
156	9c	dsmkp	SMAUCLK
157	9d	dsmkp	SMAUBTYP
158	9e	dsmkp	SMAUBREQ
159	9f	dsmkp	SMAUBMSG
160	a0	dsmkp	SMAUBSDE
162	a2	dsmkp	SMAUTLNK
163	a3	dsmkp	SMAUTADT
165	a5	dsmkp	SMAUTPRM
166	a6	dsmkp	SMAURTER
167	a7	dsmkp	SMAURFLK
168	a8	dsmkp	SMAUBTYM
169	a9	dsmkp	SMAUBSTA
170	aa	dsmkp	SMAUBSNT
200	c8	dsmkp	SMNCINCL
201	c9	dsmkp	SMNCINRF
202	ca	dsmkp	SMNCRDCL
203	cb	dsmkp	SMNCRDF
204	cc	dsmkp	SMNCPSRF
205	cd	dsmkp	SMNCRPRF
206	ce	dsmkp	SMNCSPMD
207	cf	dsmkp	SMNCSPCM
208	d0	dsmkp	SMNCSPPR
209	d1	dsmkp	SMNCSPFN
210	d2	dsmkp	SMNCRWTD
211	d3	dsmkp	SMNCLBTO
212	d4	dsmkp	SMNCANYM
213	d5	dsmkp	SMNCCMMT
214	d6	dsmkp	SMNCTGUN
215	d7	dsmkp	SMNCSHMT
216	d8	dsmkp	SMNCDMMT
217	d9	dsmkp	SMNCCMFP
218	da	dsmkp	SMNCFRAC
219	db	dsmkp	SMNCFRSC
220	dc	dsmkp	SMNCFRAR
221	dd	dsmkp	SMNCFRRC
222	de	dsmkp	SMNCIMRF
223	df	dsmkp	SMNCMDMD
224	e0	dsmkp	SMNCRIST
225	e1	dsmkp	SMNCRITL
226	e2	dsmkp	SMNCRIPS
227	e3	dsmkp	SMNCRISS
228	e4	dsmkp	SMNCRIXS
229	e5	dsmkp	SMNCRIRP
230	e6	dsmkp	SMNCRICS
231	e7	dsmkp	SMNCRIDS
232	e8	dsmkp	SMNCRICE
233	e9	dsmkp	SMNCADPR
234	ea	dsmkp	SMNCADSR
235	eb	dsmkp	SMNCADXC
236	ec	dsmkp	SMNCADUN
237	ed	dsmkp	SMNCSCER
238	ee	dsmkp	SMNCSSRF
239	ef	dsmkp	SMNCSSRR
240	f0	dsmkp	SMNCRRAC
241	f1	dsmkp	SMNCSSMD

242	f2	dsmkp	SMNCRRF1
243	f3	dsmkp	SMNCRRER
244	f4	dsmkp	SMNCRRWC
245	f5	dsmkp	SMNCRCL
246	f6	dsmkp	SMNCTTYO
250	fa	dsmkp	SMDMCMKP
251	fb	dsmkp	SMDMOUTMSG
252	fc	dsmkp	SMDMPARAM
253	fd	dsmkp	SMDMSCPCHK
254	fe	dsmkp	SMDMINVDLI
255	ff	dsmkp	SMDMGDOOR
256	100	dsmkp	SMDMMSTYPE
257	101	dsmkp	SMDMACTION
258	102	dsmkp	SMDMBADLOG
259	103	dsmkp	SMDMILLID
260	104	dsmkp	SMDMREADST
261	105	dsmkp	SMDMNODSPY
262	106	dsmkp	SMDMMSGEN
263	107	dsmkp	SMDMCONPORT
264	108	dsmkp	SMDMFRDTUP
265	109	dsmkp	SMDMINVUNIT
266	10a	dsmkp	SMDMNOTFND
267	10b	dsmkp	SMDMETYPE
268	10c	dsmkp	SMDMQSEND
269	10d	dsmkp	SMDMONCREATE
272	110	dsmkp	SMDMDDREAD
273	111	dsmkp	SMDMIPARM
274	112	dsmkp	SMDMDLINP
275	113	dsmkp	SMDMBADQREQ
276	114	dsmkp	SMDMODDFAIL
277	115	dsmkp	SMDMPASFAIL
280	118	dsmkp	SMNOPC
281	119	dsmkp	SMWGMMSG
282	11a	dsmkp	SMNOSCAN
283	11b	dsmkp	SMCNTDGN
284	11c	dsmkp	SMINVSTATE
285	11d	dsmkp	SMFAILREQ
286	11e	dsmkp	SMQUTIMOUT
287	11f	dsmkp	SMUNREC
288	120	dsmkp	SMNOEVTNO
289	121	dsmkp	SMNOLG
290	122	dsmkp	SMINVDIST
291	123	dsmkp	SMUNSEND
292	124	dsmkp	SMINITSCSDA
293	125	dsmkp	SMWGFUNC
294	126	dsmkp	SMUNKMTST
295	127	dsmkp	SMFULLARY
296	128	dsmkp	SMDMAMVRFERR
297	129	dsmkp	SMCMKPNOACK
298	12a	dsmkp	SMFSMPRCVF
299	12b	dsmkp	SMPHYTOLOGF
300	12c	dsmkp	SMQINVNTWK
301	12d	dsmkp	SMQUINVDQLST
302	12e	dsmkp	SMINPSTINV
303	12f	dsmkp	SMQUBADMSGTY
304	130	dsmkp	SMQUSTFERR
305	131	dsmkp	SMQUSNDSMPF
306	132	dsmkp	SMQATPASF
307	133	dsmkp	SMQATODDF
308	134	dsmkp	SMINVCLOACK
309	135	dsmkp	SMQUENMSGF
310	136	dsmkp	SMCMKPOPNF
311	137	dsmkp	SMCMKPCLOF
312	138	dsmkp	SMQUINVPST
313	139	dsmkp	SMQNETCREATE
314	13a	dsmkp	SMBADODD
500	1f4	dcmkp	CMAUKPPT
501	1f5	dcmkp	CMAUKPMT
502	1f6	dcmkp	CMAUSFLT
550	226	dcmdrv	CMAUPORT
551	227	dcmdrv	CMAUMTYP
552	228	dcmdrv	CMAUADMA

553	229	dcmdrv	CMAUPJOB
554	22a	dcmdrv	CMAUNORG
555	22b	dcmdrv	CMAUNDST
556	22c	dcmdrv	CMAUNOOS
557	22d	dcmdrv	CMAUQFLL
558	22e	dcmdrv	CMAUCMA
559	22f	dcmdrv	CMAUIOOP
560	230	dcmdrv	CMAUNUCB
600	258	dhmo	HMSIP_0
601	259	dhmo	HMSIP_1
602	25a	dhmo	HMSIP_2
603	25b	dhmo	HMSIP_3
606	25e	dhmo	HMSIP_6
607	25f	dhmo	HMSIP_7
608	260	dhmo	HMSIP_8
609	261	dhmo	HMSIP_9
610	262	dhmo	HMSIP_10
611	263	dhmo	HMSIP_11
613	265	dhmo	HMSIP_13
615	267	dhmo	HMSIP_15
617	269	dhmo	HMSIP_17
630	276	dhmo	HMSIP_30
632	278	dhmo	HMSIP_32
633	279	dhmo	HMSIP_33
634	27a	dhmo	HMSIP_34
635	27b	dhmo	HMSIP_35
636	27c	dhmo	HMSIP_36
637	27d	dhmo	HMSIP_37
660	294	dhmo	HMLOG_0
661	295	dhmo	HMLOG_1
662	296	dhmo	HMLOG_2
663	297	dhmo	HMLOG_3
664	298	dhmo	HMLOG_4
665	299	dhmo	HMLOG_5
666	29a	dhmo	HMLOG_6
667	29b	dhmo	HMLOG_7
668	29c	dhmo	HMLOG_8
669	29d	dhmo	HMLOG_9
670	29e	dhmo	HMLOG_10
700	2bc	daim	SIINVEV
702	2be	daim	SIBMS_TYPE
703	2bf	daim	SIBIN_TYPE
705	2c1	daim	SIBSI_TYPE
706	2c2	daim	SIBTYPE
709	2c5	daim	SIFASRTMSG
710	2c6	daim	INBAIMPORT
711	2c7	daim	INBCMCKPACK
713	2c9	daim	INBTIMER
714	2ca	daim	INITTIMEOUT
715	2cb	daim	SIFAULTED
717	2cd	daim	INDUPII
718	2ce	daim	INMSGUNEX
727	2d7	daim	IMBMS_TYPE
728	2d8	daim	IMBIN_TYPE
729	2d9	daim	IM_LOOPCNT
737	2e1	daim	SI_KLOCK
739	2e3	daim	INUNSUPPSEQ
740	2e4	daim	IM_LKDATA
741	2e5	daim	INBSEQSTATE
742	2e6	daim	SIBDAPIID
743	2e7	daim	INBADPORT
744	2e8	daim	INFAULTFAIL
745	2e9	daim	SIBOSTCODE
746	2ea	daim	INNOTRIG
747	2eb	daim	SITMSGBUF
748	2ec	daim	SITMSGQUE
749	2ed	daim	SITADDTSK
750	2ee	daim	SITINITFAIL
751	2ef	daim	SITADDRES
752	2f0	daim	SITPRMBUF
753	2f1	daim	SITPRMQUE
754	2f2	daim	SITTSKACT

755	2f3	daim	SITRESET
756	2f4	daim	SITTSKYP
757	2f5	daim	SITINITTIMEOUT
758	2f6	daim	SIINVREQINIT
759	2f7	daim	SIDDWERR
761	2f9	daim	INBOTYPE
762	2fa	daim	IM_LKRET
765	2fd	daim	INNOMSGBUF
766	2fe	daim	INSNDFLTFAIL
767	2ff	daim	INSNDEVTFAIL
768	300	daim	SIINVINIT
769	301	daim	SIAPPLPARM
770	302	daim	SIINVMSG
771	303	daim	INECDFAIL
772	304	daim	INCONFIGFAIL
773	305	daim	SIINVRET
774	306	daim	SICONFIGFAIL
775	307	daim	SIUNCONDFAIL
776	308	daim	SIINVSTFAIL
777	309	daim	SITMRINACT
778	30a	daim	SITMROVFLOW
779	30b	daim	SIAMDWFALL
780	30c	daim	INPMCOMFAIL
781	30d	daim	SIALOCFAIL
782	30e	daim	SIQMFALL
783	30f	daim	INBADSEQST
784	310	daim	SIBADPARAM
785	311	daim	SIOVRSTIMER
786	312	daim	SIFLOWERR
787	313	daim	SIBADTTY
788	314	daim	INTMTOUT
789	315	daim	INSYSIMSGFAIL
790	316	daim	SINOTSKBLK
791	317	daim	SISMKPFALL
792	318	daim	SIDBRDERR
793	319	daim	SIDDRDERR
794	31a	daim	INFPTOUT
795	31b	daim	IM_LK_CNT
796	31c	daim	IM_BADU2PRET
797	31d	daim	IM_BADP2URET
949	3b5	daim	SIATAUD
951	3b7	ddg	DGPE32
952	3b8	ddg	DGPE33
953	3b9	ddg	DGPE34
954	3ba	ddg	DGPE35
955	3bb	ddg	DGPE36
956	3bc	ddg	DGPE37
957	3bd	ddg	DGPE38
958	3be	ddg	DGPE39
959	3bf	ddg	DGPE40
960	3c0	ddg	DGPE41
961	3c1	ddg	DGPE42
962	3c2	ddg	DGPE43
968	3c8	ddg	DGRXE1
969	3c9	ddg	DGRXE2
970	3ca	ddg	DGRXE3
971	3cb	ddg	DGRXE4
972	3cc	ddg	DGRXE5
973	3cd	ddg	DGRXE6
974	3ce	ddg	DGRXE7
975	3cf	ddg	DGRXE8
977	3d1	ddg	DGRXE10
978	3d2	ddg	DGRXE11
979	3d3	ddg	DGRXE12
980	3d4	ddg	DGRXE13
981	3d5	ddg	DGRXE14
982	3d6	ddg	DGRXE15
1050	41a	dctsp	INPUALCS
1051	41b	dctsp	INPUSTMP
1052	41c	dctsp	INPUFLT
1053	41d	dctsp	INPUADSG
1054	41e	dctsp	INPUUSDPT

1055	41f	dctsp	INPUCOPN
1056	420	dctsp	INPUBADSCNAME
1057	421	dctsp	INPUALKS
1058	422	dctsp	INPUPNSP
1059	423	dctsp	INPUEVT
1060	424	dctsp	INPUGRSG
1061	425	dctsp	INPURIMSUMERR
1062	426	dctsp	INPUFREE
1063	427	dctsp	INPUINVEV
1064	428	dctsp	INPUINVMS
1065	429	dctsp	INPUBMAG
1066	42a	dctsp	INPUSAEA
1067	42b	dctsp	INPUPRI
1068	42c	dctsp	INPUULCK
1069	42d	dctsp	INPUREAD

2. 5E14 Numeric Index: 1070-1769

ERROR CODE	PRM CODE	RANGE	MNEMONIC
1070	42e	dctsp	INPUFOPN
1071	42f	dctsp	INPUFCLS
1072	430	dctsp	INPUALOC
1073	431	dctsp	INPUCANC
1074	432	dctsp	INPUMXB
1075	433	dctsp	INPUTIMER
1076	434	dctsp	INPUFSKB
1077	435	dctsp	INPUABRT
1078	436	dctsp	INPUCONP
1079	437	dctsp	INPUCPMMSG
1080	438	dctsp	INPUSFLT
1081	439	dctsp	INPUSMSG
1082	43a	dctsp	INPUSEG
1083	43b	dctsp	INPUNOBAD
1084	43c	dctsp	INPUSZBAD
1085	43d	dctsp	INPUFILMX
1087	43f	dctsp	INPUFIN
1088	440	dctsp	INPUFHF
1089	441	dctsp	INPUACKF
1090	442	dctsp	INPUNOLNK
1091	443	dctsp	INPUINVPTYPE
1092	444	dctsp	INLBCPNOSM
1093	445	dctsp	INPUNOCRC
1094	446	dctsp	INPLFMAG
1100	44c	dctsp	INPULINK
1101	44d	dctsp	INPURQFN
1102	44e	dctsp	INPULNKQ
1104	450	dctsp	INPUPAS
1105	451	dctsp	INPUODD
1111	457	dctsp	INPUOAOP
1112	458	dctsp	INPUOARP
1113	459	dctsp	INPUOARR
1114	45a	dctsp	INPUOACL
1115	45b	dctsp	INPUEISS
1117	45d	dctsp	INPUWRDD
1118	45e	dctsp	INTOFLT
1119	45f	dctsp	INPUNOSCN
1150	47e	dfp	INPUALCS
1151	47f	dfp	INPUSTMP
1152	480	dfp	INPUFLT
1153	481	dfp	INPUADSG
1154	482	dfp	INPUSDPT
1155	483	dfp	INPUCOPN
1156	484	dfp	INRIMFND
1157	485	dfp	INPUALKS
1158	486	dfp	INPUPNSP
1159	487	dfp	INPUEVT
1160	488	dfp	INPUGRSG
1161	489	dfp	INPUBADSCNAME
1162	48a	dfp	INPUFREE
1163	48b	dfp	INPUINVEV
1164	48c	dfp	INPUINVMS

1165	48d	dfp	INPUBMAG
1166	48e	dfp	INPUSAEA
1167	48f	dfp	INPUPRI
1168	490	dfp	INPUULCK
1169	491	dfp	INPUREAD
1170	492	dfp	INPUFOPN
1171	493	dfp	INPUFCLS
1172	494	dfp	INPUALOC
1173	495	dfp	INPUCANC
1174	496	dfp	INPUMXB
1175	497	dfp	INPUTIMER
1176	498	dfp	INPUDSKB
1177	499	dfp	INPUABRT
1178	49a	dfp	INPUCONP
1179	49b	dfp	INPUCPMMSG
1180	49c	dfp	INPUSFLT
1181	49d	dfp	INPUSMSG
1182	49e	dfp	INPUSEG
1183	49f	dfp	INPUNOBAD
1184	4a0	dfp	INPURIMSUMERR
1185	4a1	dfp	INPUFILMX
1186	4a2	dfp	INPUSZBAD
1187	4a3	dfp	INPUFIN
1188	4a4	dfp	INPUFHF
1189	4a5	dfp	INPUACKF
1190	4a6	dfp	INPUNOLNK
1191	4a7	dfp	INFPNOBSMS
1192	4a8	dfp	INPUNOSCN
1193	4a9	dfp	INPUNOCRC
1194	4aa	dfp	INPLFMAG
1202	4b2	dfp	INPUBLKB
1203	4b3	dfp	INPURCVM
1204	4b4	dfp	INPUFDSK
1209	4b9	dfp	INPUFPAS
1210	4ba	dfp	INPUFODD
1211	4bb	dfp	INPUOAOP
1212	4bc	dfp	INPUOARP
1213	4bd	dfp	INPUOARR
1214	4be	dfp	INPUOACL
1215	4bf	dfp	INPUEISS
1217	4c1	dfp	INPUWRDD
1218	4c2	dfp	INPUPLVL
1219	4c3	dfp	INPULBRQ
1220	4c4	dfp	INPUJTR
1221	4c5	dfp	INPUPTYT
1222	4c6	dfp	INUPINCON
1223	4c7	dfp	INTOFLT
1250	4e2	dpucr	INPCPORT
1251	4e3	dpucr	INPCINVEV
1252	4e4	dpucr	INPCFLT
1253	4e5	dpucr	INPCSNDPT
1254	4e6	dpucr	INPCOPN
1255	4e7	dpucr	INPCORPHAN
1256	4e8	dpucr	INPCINVMMSG
1257	4e9	dpucr	INPCCRTE
1258	4ea	dpucr	INPCSWAP
1259	4eb	dpucr	INPCPRI
1260	4ec	dpucr	INPCABORT
1261	4ed	dpucr	INPCBPORT
1262	4ee	dpucr	INPCSFLT
1263	4ef	dpucr	INPCDQUE
1264	4f0	dpucr	INPCTYPE
1265	4f1	dpucr	INPCCRTIME
1267	4f3	dpucr	INPCTERM
1268	4f4	dpucr	INPCSCPMSG
1271	4f7	dpucr	INPCGTMSG
1272	4f8	dpucr	INBPAODD
1273	4f9	dpucr	PUCR23
1275	4fb	dpucr	INPCMNT
1276	4fc	dpucr	INPCSMMSG
1277	4fd	dpucr	INPCQFULL
1278	4fe	dpucr	INPCNOPUMP

1279	4ff	dpucr	INPCSTATE
1280	500	dpucr	INPCFTIME
1281	501	dpucr	INPCTTIME
1282	502	dpucr	INPCDIME
1283	503	dpucr	INPCAETN
1284	504	dpucr	INPCNODIR
1285	505	dpucr	INBPFREE
1286	506	dpucr	INBPALCS
1287	507	dpucr	INBPSMSG
1288	508	dpucr	INBPALOC
1289	509	dpucr	INBPADSG
1290	50a	dpucr	INBPSTMP
1291	50b	dpucr	INBPTIME
1292	50c	dpucr	INBPOARR
1293	50d	dpucr	INBPALKS
1294	50e	dpucr	INBPOARP
1295	50f	dpucr	INBPOAOP
1296	510	dpucr	INBPNOSM
1297	511	dpucr	INBPBADP
1298	512	dpucr	INBPSize
1299	513	dpucr	INBPBADS
1300	514	dpucr	INPCCONTIME
1301	515	dpucr	INPUEISS
1350	546	dmsdrv	SMMMEMSG
1351	547	dmsdrv	SMMMEACKM
1352	548	dmsdrv	SMMMEDEQMSG
1353	549	dmsdrv	SMMMMTIP
1354	54a	dmsdrv	SMMMDQFAIL
1355	54b	dmsdrv	SMMMISEQ
1356	54c	dmsdrv	SMMMSFE
1357	54d	dmsdrv	SMMMBSTE
1358	54e	dmsdrv	SMMMBADFLT
1359	54f	dmsdrv	SMMMBADEQID
1360	550	dmsdrv	SMMMBCC
1361	551	dmsdrv	SMMMSDMSG
1362	552	dmsdrv	SMMMQFAIL
1363	553	dmsdrv	SMMMRQTFAIL
1364	554	dmsdrv	SMMMOTIFAIL
1365	555	dmsdrv	SMMMVREQ
1366	556	dmsdrv	SMMMEGPM
1367	557	dmsdrv	SMMMRDSTATE
1368	558	dmsdrv	SMMMPICINT
1369	559	dmsdrv	SMMMEGPTA
1370	55a	dmsdrv	SMMMEASNDMA
1371	55b	dmsdrv	SMMMUNLOCK
1372	55c	dmsdrv	SMMMDDELMA
1373	55d	dmsdrv	SMMMDELTIME
1374	55e	dmsdrv	SMMMABTDGN
1375	55f	dmsdrv	SMMMABTSRT
1376	560	dmsdrv	SMMMEFSET
1377	561	dmsdrv	SMMMEDMAJN
1378	562	dmsdrv	SMMMETIME
1379	563	dmsdrv	SMMMDBFR
1380	564	dmsdrv	SMMMTOMSG
1381	565	dmsdrv	SMMMBTO
1382	566	dmsdrv	SMMMBXMIT
1383	567	dmsdrv	SMERCMSIM
1384	568	dmsdrv	SMDLDEIB
1385	569	dmsdrv	SMEIBPING
1386	56a	dmsdrv	SMINITCMSIM
1387	56b	dmsdrv	SMRSTCMSIM
1388	56c	dmsdrv	SMVTOP
1389	56d	dmsdrv	SMREQCMSIM
1390	56e	dmsdrv	SMKPMQBAD
1400	578	dmsdrv	SMPPMSGB
1403	57b	dmsdrv	SMPPACKM
1404	57c	dmsdrv	SMPPEQID
1405	57d	dmsdrv	SMPPREQT
1406	57e	dmsdrv	SMPPDELT
1407	57f	dmsdrv	SMPPDEQM
1408	580	dmsdrv	SMPPQUEM
1409	581	dmsdrv	SMPPOVFM

1410	582	dmsdrv	SMPPPICR
1411	583	dmsdrv	SMPPMBDM
1412	584	dmsdrv	SMPPRDST
1413	585	dmsdrv	SMPPTINX
1414	586	dmsdrv	SMPPERTM
1415	587	dmsdrv	SMPPHSER
1416	588	dmsdrv	SMPPSFLT
1417	589	dmsdrv	SMPPIVFLT
1450	5aa	dmsdrv	SMFPMSGB
1451	5ab	dmsdrv	SMFPACKM
1452	5ac	dmsdrv	SMFPEQID
1453	5ad	dmsdrv	SMFPREQT
1454	5ae	dmsdrv	SMFPDELT
1455	5af	dmsdrv	SMFPDEQM
1456	5b0	dmsdrv	SMFPQUEM
1457	5b1	dmsdrv	SMFPOVFM
1458	5b2	dmsdrv	SMFPPICR
1459	5b3	dmsdrv	SMFPMBDM
1460	5b4	dmsdrv	SMFPRDST
1461	5b5	dmsdrv	SMFPTINX
1462	5b6	dmsdrv	SMFPHSER
1463	5b7	dmsdrv	SMFPSEGE
1464	5b8	dmsdrv	SMFPHDMA
1465	5b9	dmsdrv	SMFPERTM
1466	5ba	dmsdrv	SMFPSFLT
1467	5bb	dmsdrv	SMFPIVFLT
1468	5bc	dmsdrv	SMFPERTO
1469	5bd	dmsdrv	SMFPCRTO
1470	5be	dmsdrv	SMFPTIV
1471	5bf	dmsdrv	SMFPIPMB
1472	5c0	dmsdrv	SMFPBPMB
1473	5c1	dmsdrv	SMFPCNSRC
1500	5dc	dmsdrv	SMMSEMSG
1501	5dd	dmsdrv	SMMSEACKM
1502	5de	dmsdrv	SMMSEMPROC
1503	5df	dmsdrv	SMMSMTIP
1504	5e0	dmsdrv	SMMSDQFAIL
1505	5e1	dmsdrv	SMMSSSEQINV
1506	5e2	dmsdrv	SMMSBADTEXT
1507	5e3	dmsdrv	SMMSFATAL
1508	5e4	dmsdrv	SMMSBADFLT
1509	5e5	dmsdrv	SMMSBADREQID
1510	5e6	dmsdrv	SMMSBPIQFULL
1511	5e7	dmsdrv	SMMSESND
1512	5e8	dmsdrv	SMMSQFAIL
1513	5e9	dmsdrv	SMMSRQTFAIL
1514	5ea	dmsdrv	SMMSOTIFAIL
1515	5eb	dmsdrv	SMMSATTECD
1516	5ec	dmsdrv	SMMSEATCH
1517	5ed	dmsdrv	SMMSELLA
1518	5ee	dmsdrv	SMMSEUCB
1519	5ef	dmsdrv	SMMSFUCB
1520	5f0	dmsdrv	SMMSEIATCH
1521	5f1	dmsdrv	SMMSEGPTA
1522	5f2	dmsdrv	SMMSEASNDMA
1523	5f3	dmsdrv	SMMSENINT
1524	5f4	dmsdrv	SMMSEDMAJN
1525	5f5	dmsdrv	SMMSETIM
1526	5f6	dmsdrv	SMMSDELDMA
1527	5f7	dmsdrv	SMMSDELTIME
1528	5f8	dmsdrv	SMMSREQTIME
1529	5f9	dmsdrv	SMMSUNLOCK
1530	5fa	dmsdrv	SMMSDDDREAD
1531	5fb	dmsdrv	SMMSDISAB
1532	5fc	dmsdrv	SMMSEECD
1533	5fd	dmsdrv	SMMSBADSQIP
1534	5fe	dmsdrv	SMMSODDNG
1535	5ff	dmsdrv	SMMSODDER
1536	600	dmsdrv	SMMSPUMPNG
1537	601	dmsdrv	SMMSFILENG
1538	602	dmsdrv	SMMSINCTI
1539	603	dmsdrv	SMMSINPFS

1540	604	dmsdrv	SMMSINCMVINT
1541	605	dmsdrv	SMMSLCREAD
1549	60d	dmsdrv	SMKPUSRACK
1550	60e	dmsdrv	SMKPSEG_BAD
1551	60f	dmsdrv	SMKPEQID_BAD
1552	610	dmsdrv	SMKPMPORT_NG
1553	611	dmsdrv	SMKPMBUF_FAIL
1554	612	dmsdrv	SMKPMSG_FAIL
1555	613	dmsdrv	SMKPDGNST_BAD
1556	614	dmsdrv	SMKPMSG_UNKN
1557	615	dmsdrv	SMKPS7RECOV
1558	616	dmsdrv	SMKPUCBR_UNKN
1559	617	dmsdrv	SMKPSW_FLT
1560	618	dmsdrv	SMKPSEQIP_BAD
1561	619	dmsdrv	SMKPRADD_BAD
1562	61a	dmsdrv	SMKPPTA_NG
1563	61b	dmsdrv	SMKPADMA_FAIL
1564	61c	dmsdrv	SMKPTTBL_FULL
1565	61d	dmsdrv	SMKPTTLK_BAD
1566	61e	dmsdrv	SMKPTTEN_BAD
1567	61f	dmsdrv	SMDLINDEXT_NG
1568	620	dmsdrv	SMDLSTIMULI_NG
1569	621	dmsdrv	SMDLNOTIMER
1570	622	dmsdrv	SMDLSMSG_FAIL
1571	623	dmsdrv	SMDLMSG_LOST
1572	624	dmsdrv	SMDLMSGPTR_NG
1573	625	dmsdrv	SMDLWDTOUT
1574	626	dmsdrv	SMDLER_CLOSE
1575	627	dmsdrv	SMDLER_SHRINK
1576	628	dmsdrv	SMDLER_OPEN
1577	629	dmsdrv	SMDLER_READ
1578	62a	dmsdrv	SMDLER_GROW
1579	62b	dmsdrv	SMDLCT_FULL
1580	62c	dmsdrv	SMDLNEQ_ODD
1581	62d	dmsdrv	SMDLNG_ODD
1582	62e	dmsdrv	SMDLCT_HUNG
1583	62f	dmsdrv	SMKPCMCKP_FAIL
1584	630	dmsdrv	SMDLLASTST_NG
1585	631	dmsdrv	SMDLWAIT_NG
1586	632	dmsdrv	SMDLRET_NG
1587	633	dmsdrv	SMWLIST_FILL
1588	634	dmsdrv	SMFDLKMS
1589	635	dmsdrv	SMFDLKFP
1590	636	dmsdrv	SMFDLKMM
1591	637	dmsdrv	SMFDLKPP
1592	638	dmsdrv	SMFRAMMS
1593	639	dmsdrv	SMFRAMFP
1594	63a	dmsdrv	SMFRAMMM
1595	63b	dmsdrv	SMFRAMPP
1596	63c	dmsdrv	SMKPOORTIME
1597	63d	dmsdrv	SMKPPLAC
1598	63e	dmsdrv	SMKPD Mert
1599	63f	dmsdrv	SMKPERDGET
1600	640	dmsdrv	SMKPEUCB
1601	641	dmsdrv	SMKPBADCRAFT
1602	642	dmsdrv	SMKPD DREAD
1603	643	dmsdrv	SMIPINST
1604	644	dmsdrv	SMIPINET
1605	645	dmsdrv	SMIPINPE
1606	646	dmsdrv	SMIPINPL
1607	647	dmsdrv	SMIPINPTR
1608	648	dmsdrv	SMIPINDMA
1609	649	dmsdrv	SMIPINCC
1610	64a	dmsdrv	SMIPINEN
1611	64b	dmsdrv	SMIPRTFAIL
1612	64c	dmsdrv	SMIPDELFAIL
1613	64d	dmsdrv	SMIPTONP
1614	64e	dmsdrv	SMIPINPUCR
1615	64f	dmsdrv	SMIPVERFAIL
1616	650	dmsdrv	SMIPINIT
1625	659	dmsdrv	SMIQINFLE
1626	65a	dmsdrv	SMIQINDMA

1627	65b	dmsdrv	SMIQINPL
1628	65c	dmsdrv	SMIQINCC
1629	65d	dmsdrv	SMIQINEN
1630	65e	dmsdrv	SMIQINIT
1631	65f	dmsdrv	SMIQINST
1632	660	dmsdrv	SMIQINET
1633	661	dmsdrv	SMIQINPCNT
1634	662	dmsdrv	SMIQDELFAIL
1635	663	dmsdrv	SMIQRTFAIL
1636	664	dmsdrv	SMIQTORQ
1637	665	dmsdrv	SMFRAMQP
1638	666	dmsdrv	SMDLCTBDATA
1750	6d6	dmsdrv	SMPIBADEQID
1751	6d7	dmsdrv	SMPIEMSG
1752	6d8	dmsdrv	SMPIEACKM
1753	6d9	dmsdrv	SMPIEDEQMSG
1754	6da	dmsdrv	SMPIMTIP
1755	6db	dmsdrv	SMPIDQFAIL
1756	6dc	dmsdrv	SMPISEQ
1757	6dd	dmsdrv	SMPISEFE
1758	6de	dmsdrv	SMPIBADFLT
1759	6df	dmsdrv	SMPIBCC
1760	6e0	dmsdrv	SMPISDMSG
1761	6e1	dmsdrv	SMPIQFAIL
1762	6e2	dmsdrv	SMPIRQTFAIL
1763	6e3	dmsdrv	SMPIOTIFAIL
1764	6e4	dmsdrv	SMPIVREQ
1765	6e5	dmsdrv	SMPIEGPM
1766	6e6	dmsdrv	SMPIRDSTATE
1767	6e7	dmsdrv	SMPIEGPTA
1768	6e8	dmsdrv	SMPIEASNDMA
1769	6e9	dmsdrv	SMPIUNLOCK

3. 5E14 Numeric Index: 1770-2949

ERROR CODE	PRM CODE	RANGE	MNEMONIC
1770	6ea	dmsdrv	SMPIDELDMA
1771	6eb	dmsdrv	SMPIDELTIME
1772	6ec	dmsdrv	SMPIABTDGN
1773	6ed	dmsdrv	SMPIABTSRT
1774	6ee	dmsdrv	SMPIETIME
1775	6ef	dmsdrv	SMPIEDMAJN
1776	6f0	dmsdrv	SMPIBTO
1777	6f1	dmsdrv	SMPIBXMIT
1800	708	dmsdrv	SMQGABTSRT
1801	709	dmsdrv	SMQGBEQID
1802	70a	dmsdrv	SMQGBFC
1803	70b	dmsdrv	SMQGBTO
1804	70c	dmsdrv	SMQGBXMIT
1805	70d	dmsdrv	SMQGDELDMA
1806	70e	dmsdrv	SMQGDELTIME
1807	70f	dmsdrv	SMQGDQFAIL
1808	710	dmsdrv	SMQGEACKM
1809	711	dmsdrv	SMQGEASNDMA
1810	712	dmsdrv	SMQGEIPMSG
1811	713	dmsdrv	SMQGEDMAJN
1812	714	dmsdrv	SMQGEIPMSG
1813	715	dmsdrv	SMQGEIPMSG
1814	716	dmsdrv	SMQGEIPMSG
1815	717	dmsdrv	SMQGEIPMSG
1816	718	dmsdrv	SMQGEIPMSG
1817	719	dmsdrv	SMQGEIPMSG
1818	71a	dmsdrv	SMQGEIPMSG
1819	71b	dmsdrv	SMQGEIPMSG
1820	71c	dmsdrv	SMQGEIPMSG
1821	71d	dmsdrv	SMQGEIPMSG
1822	71e	dmsdrv	SMQGEIPMSG
1823	71f	dmsdrv	SMQGEIPMSG
1824	720	dmsdrv	SMQGEIPMSG
1825	721	dmsdrv	SMQGEIPMSG
2050	802	dmsdrv	SMQGEIPMSG

2051	803	dhm	HMALM1
2052	804	dhm	HMALM2
2053	805	dhm	HMALM28
2054	806	dhm	HMALM4
2055	807	dhm	HMALM5
2056	808	dhm	HMALM6
2057	809	dhm	HMALM7
2058	80a	dhm	HMALM8
2059	80b	dhm	HMALM9
2060	80c	dhm	HMALM10
2061	80d	dhm	HMALM11
2062	80e	dhm	HMALM12
2063	80f	dhm	HMALM13
2064	810	dhm	HMALM14
2065	811	dhm	HMALM15
2066	812	dhm	HMALM16
2067	813	dhm	HMALM17
2068	814	dhm	HMALM18
2069	815	dhm	HMALM19
2070	816	dhm	HMALM20
2071	817	dhm	HMALM21
2072	818	dhm	HMALM22
2073	819	dhm	HMALM23
2074	81a	dhm	HMALM24
2075	81b	dhm	HMALM29
2076	81c	dhm	HMALM26
2077	81d	dhm	HMALM27
2078	81e	dhm	HMMCC_3
2079	81f	dhm	HMMCC_4
2080	820	dhm	HMMCC_5
2081	821	dhm	HMMCC_6
2131	853	dhm	HMIRA_1
2132	854	dhm	HMIRA_2
2134	856	dhm	HMIRA_4
2135	857	dhm	HMIRA_5
2136	858	dhm	HMIRA_6
2137	859	dhm	HMIRA_7
2141	85d	dhm	HMIRA_b
2142	85e	dhm	HMIRA_c
2143	85f	dhm	HMIRA_d
2144	860	dhm	HMIRA_e
2147	863	dhm	HMIRA_61
2148	864	dhm	HMIRA_62
2149	865	dhm	HMIRA_63
2151	867	dhm	HMIRA_65
2152	868	dhm	HMIRA_66
2153	869	dhm	HMIRA_67
2179	883	dhm	HM1_IMST
2180	884	dhm	HM2_IMST
2181	885	dhm	HM3_IMST
2182	886	dhm	HM4_IMST
2210	8a2	dhm	HMMCC_0
2211	8a3	dhm	HMMCC_1
2212	8a4	dhm	HMMCC_2
2350	92e	dbkup	DBGRRDPHYS
2351	92f	dbkup	DBGRRDPRB
2352	930	dbkup	DBGRDDSR1
2353	931	dbkup	DBGRUMODD1
2354	932	dbkup	DBGR2MOU
2355	933	dbkup	DBGRMODD2
2356	934	dbkup	DBGR1MOU
2357	935	dbkup	DBGRGPRT
2358	936	dbkup	DBGRLNK
2359	937	dbkup	DBGRRD
2360	938	dbkup	DBBKDSKSP
2361	939	dbkup	DBGRWRIT
2362	93a	dbkup	DBBKNULINK
2363	93b	dbkup	DBGRWODMEM
2364	93c	dbkup	DBGR1AIM
2365	93d	dbkup	DBGRMNT1
2366	93e	dbkup	DBGRPORT
2367	93f	dbkup	DBGRMSG

2368	940	dbkup	DBGRREC
2369	941	dbkup	DBGRNGMSG
2370	942	dbkup	DBGRDDWR
2371	943	dbkup	DBGRHMOUT
2372	944	dbkup	DBGRHM
2373	945	dbkup	DBGRDDW2
2374	946	dbkup	DBGRRDAIM
2375	947	dbkup	DBGRM2SCR
2376	948	dbkup	DBGRM1SCR
2377	949	dbkup	DBGRPAR2
2378	94a	dbkup	DBGRSYS1
2379	94b	dbkup	DBGRSYS2
2380	94c	dbkup	DBGROPN
2381	94d	dbkup	DBBKBCI
2382	94e	dbkup	DBGRCREAT1
2383	94f	dbkup	DBGRNUODD
2384	950	dbkup	DBGRPAD
2385	951	dbkup	DBGRAIMOPN
2386	952	dbkup	DBGRSCN
2387	953	dbkup	DBGRPART
2388	954	dbkup	DBGRCLOS
2389	955	dbkup	DBGRFOPN
2390	956	dbkup	DBGRLDF
2391	957	dbkup	DBGRLDN
2392	958	dbkup	DBGRBSCN
2393	959	dbkup	DBGRFSEK
2394	95a	dbkup	DBGRWSCN
2395	95b	dbkup	DBGRRDMEM
2396	95c	dbkup	DBGRRPHYS
2397	95d	dbkup	DBGRWIPHYS
2398	95e	dbkup	DBGRWODPHYS
2399	95f	dbkup	DBGRWIMEM
2400	960	dbkup	DBBKOPEN
2401	961	dbkup	DBBKREAD
2402	962	dbkup	DBBKSEEK
2403	963	dbkup	DBBKABOUT
2404	964	dbkup	DBBKWRITE
2405	965	dbkup	DBBKRECV
2406	966	dbkup	DBBKSEND
2407	967	dbkup	DBBKBDP
2408	968	dbkup	DBBKLCALL
2409	969	dbkup	DBBKDDR
2410	96a	dbkup	DBBKDDW
2411	96b	dbkup	DBBKMOUNT
2412	96c	dbkup	DBBKUMOUNT
2413	96d	dbkup	DBBKVCP
2414	96e	dbkup	DBBKULINK
2415	96f	dbkup	DBBKLINK
2416	970	dbkup	DBBKTMOUT
2417	971	dbkup	DBBKHMOUT
2418	972	dbkup	DBBKCREAT
2419	973	dbkup	DBBKFOFN
2420	974	dbkup	DBBKFSANF
2421	975	dbkup	DBBKCLRLG
2422	976	dbkup	DBBKBGD
2423	977	dbkup	DBBKNA
2424	978	dbkup	DBBKBFIL
2425	979	dbkup	DBBKBSH
2426	97a	dbkup	DBBKODD
2427	97b	dbkup	DBBKSTAT
2428	97c	dbkup	DBBKVTOC
2429	97d	dbkup	DBBKBCIHS
2430	97e	dbkup	DBBKMEM
2431	97f	dbkup	DBBKDSK
2432	980	dbkup	DBBKACTB
2433	981	dbkup	DBBKDACTB
2434	982	dbkup	DBBKODSA
2435	983	dbkup	DBBKBSMST
2436	984	dbkup	DBBKALLOC
2437	985	dbkup	DBBKODDF
2438	986	dbkup	DBBKSK2
2439	987	dbkup	DBBKNOTFULL

2440	988	dbkup	DBBKBSECN
2441	989	dbkup	DBBKNOPART
2442	98a	dbkup	DBBKNOSM
2443	98b	dbkup	DBBKFRD
2444	98c	dbkup	DBBKDDNGRW
2445	98d	dbkup	DBBKDDBST
2446	98e	dbkup	DBBDMEMBRD
2447	98f	dbkup	DBRPTRCOFF
2448	990	dbkup	DBBKBLINK
2449	991	dbkup	DBBKABORT
2450	992	dbkup	DBBKPROC
2451	993	dbkup	DBAMODDSZE
2452	994	dbkup	DBBKCLRCRC
2453	995	dbkup	DBBKATMSW
2454	996	dbkup	BKAMODDGONE
2455	997	dbkup	DBBKAMGRW
2456	998	dbkup	DBG TGWST
2457	999	dbkup	DBSTGWST
2458	99a	dbkup	DBAMSCRBAD
2459	99b	dbkup	DBCMPHSHBAD
2460	99c	dbkup	DBCMPSTBAD
2461	99d	dbkup	BKFRNOMSG
2462	99e	dbkup	BKCMPIR
2463	99f	dbkup	BKCMPIH
2464	9a0	dbkup	DBRIMGEN
2465	9a1	dbkup	DBBKBADMSG
2650	a5a	drclg	DBLGBGD
2651	a5b	drclg	DBLGBPD
2652	a5c	drclg	DBLGNA
2653	a5d	drclg	DBLGHMOUT
2654	a5e	drclg	DBLGDD
2655	a5f	drclg	DBLGSCALL
2656	a60	drclg	DBLGSENDP
2657	a61	drclg	DBLGRECV
2658	a62	drclg	DBLGOPEN
2659	a63	drclg	DBLGREAD
2660	a64	drclg	DBLGWRITE
2661	a65	drclg	DBLGCREAT
2662	a66	drclg	DBLGSEEK
2663	a67	drclg	DBLGBFD
2664	a68	drclg	DBLGCLOSE
2665	a69	drclg	DBLGLSEEK
2666	a6a	drclg	DBLGSTAT
2667	a6b	drclg	DBLGQUEFULL
2668	a6c	drclg	DBLGBMD
2669	a6d	drclg	DBLGCORC
2670	a6e	drclg	DBLGBD
2671	a6f	drclg	DBLGPSEND
2672	a70	drclg	DBOPENPORT
2673	a71	drclg	DBRFPHYCNV
2674	a72	drclg	DBRFPCRCNV
2675	a73	drclg	DBRFDDPHY
2676	a74	drclg	DBLGRDGPARM
2677	a75	drclg	DBRFCMPABT
2678	a76	drclg	DBRFSCMPNM
2679	a77	drclg	DBLGBDPROC
2680	a78	drclg	DBAUDTYPE
2681	a79	drclg	DBAUDSENDP
2682	a7a	drclg	DBAUDRECV
2683	a7b	drclg	DBNAUDMSG
2684	a7c	drclg	DBLMFSCR
2685	a7d	drclg	DBLMFSSK
2686	a7e	drclg	DBLMFSRD
2687	a7f	drclg	DBLMFSWR
2688	a80	drclg	DBLMFSSC
2689	a81	drclg	DBLMFSOP
2690	a82	drclg	DBLTFLUSH
2691	a83	drclg	DBLOGTYPE
2692	a84	drclg	DBLT TAG
2693	a85	drclg	DBLTMALLOC
2694	a86	drclg	DBLTOPEN
2695	a87	drclg	DBLTREAD

2696	a88	drclg	DBLTWRITE
2697	a89	drclg	DBLTCREAT
2698	a8a	drclg	DBLTCLOSE
2699	a8b	drclg	DBLTLSEEK
2700	a8c	drclg	DBLTSTAT
2701	a8d	drclg	DBLMFSLs
2702	a8e	drclg	DBLGMALLOC
2750	abe	dup	UPIDSCUD
2800	af0	doff	SIINITFAIL
2801	af1	doff	SIUNXPMSG
2802	af2	doff	SINOBCRESET
2803	af3	doff	SINOLGRESET
2804	af4	doff	SIHMOUTFAIL
2805	af5	doff	SIUNXSMsG
2850	b22	ddbgrw	DBMODRTUP
2851	b23	ddbgrw	DBMODAMEM
2852	b24	ddbgrw	DBMODTBGN
2853	b25	ddbgrw	DBMODOREL
2854	b26	ddbgrw	DBMODITUP
2855	b27	ddbgrw	DBMODFILE
2856	b28	ddbgrw	DBMODACC
2857	b29	ddbgrw	DBMODGPRM
2858	b2a	ddbgrw	DBMODOPN
2859	b2b	ddbgrw	DBMODRFST
2860	b2c	ddbgrw	DBMODDINT
2861	b2d	ddbgrw	DBMODDNXT
2862	b2e	ddbgrw	DBGRVCP
2863	b2f	ddbgrw	DBUPDDTUP
2864	b30	ddbgrw	DBUPDPORT
2865	b31	ddbgrw	DBUPDGPRM
2866	b32	ddbgrw	DBUPDDUSR
2867	b33	ddbgrw	DBUPDAUSR
2868	b34	ddbgrw	DBUPDDGRP
2869	b35	ddbgrw	DBUPDEMP
2870	b36	ddbgrw	DBUPDTEND
2871	b37	ddbgrw	DBUPDUCOM
2872	b38	ddbgrw	DBGRSTAT
2873	b39	ddbgrw	DBGRVTOC
2874	b3a	ddbgrw	DBGRUPDPHYS
2875	b3b	ddbgrw	DBGRRDDISK
2876	b3c	ddbgrw	DBGRRDDPHYS
2878	b3e	ddbgrw	DBGTRWST
2879	b3f	ddbgrw	DBGRALLOC
2880	b40	ddbgrw	DBGRUNLINK
2881	b41	ddbgrw	DBGRLINK
2882	b42	ddbgrw	DBGRDREAT
2883	b43	ddbgrw	DBDDRDBAD
2884	b44	ddbgrw	DBGRSEEK
2885	b45	ddbgrw	DBGRBSMST
2886	b46	ddbgrw	DBGRREAD
2887	b47	ddbgrw	DBGROPEN
2888	b48	ddbgrw	DBGRIKEY
2889	b49	ddbgrw	DBGRIRET
2890	b4a	ddbgrw	DBGRISEND
2891	b4b	ddbgrw	DBGRITIME
2892	b4c	ddbgrw	DBGRIMESG
2893	b4d	ddbgrw	DBGRISPR
2894	b4e	ddbgrw	DBGRIALOC
2895	b4f	ddbgrw	DBGRIDDW
2896	b50	ddbgrw	DBGRATT
2897	b51	ddbgrw	DBGRDSKCP
2898	b52	ddbgrw	DBGRDSK
2899	b53	ddbgrw	DBGRDACT
2900	b54	ddbgrw	DBMKNOD
2901	b55	ddbgrw	DBATTSG
2902	b56	ddbgrw	DBRDGET
2903	b57	ddbgrw	DBLLAGET
2904	b58	ddbgrw	DBOPENSEQ
2905	b59	ddbgrw	DBMOUNT
2906	b5a	ddbgrw	DBUGUCBN
2907	b5b	ddbgrw	DBRSVUCB
2908	b5c	ddbgrw	DBUGSDF

2909	b5d	ddbgrw	DBSETIO
2910	b5e	ddbgrw	DBPVTOC
2911	b5f	ddbgrw	DBSGMATCH
2912	b60	ddbgrw	DBMSGENAB
2913	b61	ddbgrw	DBDISKERR
2914	b62	ddbgrw	DBMHDINC
2915	b63	ddbgrw	DBFRCMSG
2916	b64	ddbgrw	DBNRCLOSE
2917	b65	ddbgrw	DBBSTSEND
2918	b66	ddbgrw	DBBSTMSG
2919	b67	ddbgrw	DBBSTCOFF
2920	b68	ddbgrw	DBRODDPUR
2921	b69	ddbgrw	DBBADMSG
2922	b6a	ddbgrw	DBGRSCORPT
2923	b6b	ddbgrw	DBNRUPDATE
2924	b6c	ddbgrw	DBGRGNHSH
2925	b6d	ddbgrw	DBSYSTEM
2926	b6e	ddbgrw	DBNRBADMSG
2927	b6f	ddbgrw	DBNAMTMOUT
2928	b70	ddbgrw	DBNRNGMSG
2929	b71	ddbgrw	DBDFIFAIL
2930	b72	ddbgrw	DBNR1RECOV
2931	b73	ddbgrw	DBNR2RECOV
2932	b74	ddbgrw	DBNR3RECOV
2933	b75	ddbgrw	DBNR4RECOV
2934	b76	ddbgrw	DBUODDSZ
2935	b77	ddbgrw	DBNRODSZ
2936	b78	ddbgrw	DBDISKSP
2937	b79	ddbgrw	DBRMFILS
2938	b7a	ddbgrw	DBRANGE
2939	b7b	ddbgrw	DBPARTS
2940	b7c	ddbgrw	DBUPDCKT
2941	b7d	ddbgrw	DBUPDPRM
2942	b7e	ddbgrw	DBNRODDPUR
2943	b7f	ddbgrw	DBNRODSHK
2944	b80	ddbgrw	DBCOFFHDR
2945	b81	ddbgrw	DBOPTHDR
2946	b82	ddbgrw	DBSECHDR
2947	b83	ddbgrw	DBNRDSEC
2948	b84	ddbgrw	DBSKELFIL
2949	b85	ddbgrw	DBGRRDUN

4. 5E14 Numeric Index: 2950-20009

ERROR CODE	PRM CODE	RANGE	MNEMONIC
2950	b86	ddbgrw	DBGRSTBD
2951	b87	ddbgrw	DBSTGRWST
2952	b88	ddbgrw	DBUGAMTMOUT
2953	b89	ddbgrw	DBDDSTBAD
2954	b8a	ddbgrw	DBUGMGBAD
2955	b8b	ddbgrw	DBBDMMTP
2956	b8c	ddbgrw	DBPRCALV
2957	b8d	ddbgrw	DBRCUMG
2958	b8e	ddbgrw	DBGRBDVERB
2959	b8f	ddbgrw	DBNOOKPCOM
2960	b90	ddbgrw	DBNOSTODDG
2961	b91	ddbgrw	DBBDHMOT
2962	b92	ddbgrw	DBPORTERR
2963	b93	ddbgrw	DBBSTTMOUT
2964	b94	ddbgrw	DBOFFS_NA
2965	b95	ddbgrw	DBOFFSFIL
2966	b96	ddbgrw	DBINCTUPNUM
2967	b97	ddbgrw	DBXTSINTUP
2968	b98	ddbgrw	DBNOSTUGDD
2969	b99	ddbgrw	DBPOPDNTRAN
2970	b9a	ddbgrw	DBDNXTSINTUP
2971	b9b	ddbgrw	DBDNINCTUPNUM
2972	b9c	ddbgrw	DBMODXRDFST
2973	b9d	ddbgrw	DBMODNXT
2974	b9e	ddbgrw	DBPXSRDTUP
2975	b9f	ddbgrw	DBPNXTSINTUP

2976	ba0	ddbgrw	DBPOPPDNTRAN
2977	ba1	ddbgrw	DBPRDNTAN
2978	ba2	ddbgrw	DBPRXSRDTUP
2979	ba3	ddbgrw	DBPRNXTSINTUP
2980	ba4	ddbgrw	DBLVL3DWN
2981	ba5	ddbgrw	DBRGOPENF
2982	ba6	ddbgrw	DBRGREADF
2983	ba7	ddbgrw	DBSACPRDN
2984	ba8	ddbgrw	DBRGSEEKF
2985	ba9	ddbgrw	DBRGCLOSEF
2986	baa	ddbgrw	DBBADATYPE
2987	bab	ddbgrw	DBNOOPSMS
2988	bac	ddbgrw	DBZAPFAIL
2989	bad	ddbgrw	DBGRSCRSZ
2990	bae	ddbgrw	DBUPDUNIT
2991	baf	ddbgrw	DBMODDDEL
2992	bb0	ddbgrw	DBUPDL_USE
2993	bb1	ddbgrw	DBXSRDSYS
2994	bb2	ddbgrw	DBXSRDFSYS
2995	bb3	ddbgrw	DBXSRDNSYS
2996	bb4	ddbgrw	DBXSINSYS
2997	bb5	ddbgrw	DBRSMOREL
2998	bb6	ddbgrw	DBGRWCONF
2999	bb7	ddbgrw	DBBADUTYPE
3000	bb8	ddbgrw	DBMEMORY_LOW
3001	bb9	ddbgrw	DBL_USERFST
3002	bba	ddbgrw	DBL_USEINT
3003	bbb	ddbgrw	DBL_USENXT
3004	bbc	ddbgrw	DBEQLOCFAIL
3005	bbd	ddbgrw	DBPICBRFST
3006	bbe	ddbgrw	DBPICBINT
3007	bbf	ddbgrw	DBPICBNXT
3008	bc0	ddbgrw	DBC GARFST
3009	bc1	ddbgrw	DBC GAIN
3010	bc2	ddbgrw	DBC GANXT
3011	bc3	ddbgrw	DBGETCLI
3012	bc4	ddbgrw	DBGRNOSCR
3013	bc5	ddbgrw	DBGR1SCR
3014	bc6	ddbgrw	DBGR2SCR
3015	bc7	ddbgrw	DBGRTMPSCR
3016	bc8	ddbgrw	DBGRXSCR
3017	bc9	ddbgrw	DBGRCPODD
3275	ccb	dct	CTDTWATTFAIL
3276	ccc	dct	CTDMERTFAIL
3277	ccd	dct	CTINVSIGST
3278	cce	dct	CTINVCCTYPE
3279	ccf	dct	CTINVMSGTYPE
3280	cd0	dct	CTBADPAGEPOKE
3281	cd1	dct	CTBADPAGEUNEQ
3282	cd2	dct	CTBADPAGEADDR
3283	cd3	dct	CTUNXPRETURN
3284	cd4	dct	CTDDCNIMINMFAIL
3285	cd5	dct	CTDDCNIINITFAIL
3286	cd6	dct	CTDDCNIMININITFAIL
3287	cd7	dct	CTBADRNALNUPD
3288	cd8	dct	CTINVLKMJ
3289	cd9	dct	CTDDDLNFAIL
3290	cda	dct	CTINVDDBIT
3291	cdb	dct	CTINVDSIGST
3292	cdc	dct	CTINVTSIGST
3293	cdd	dct	CTINVTAPST
3294	cde	dct	CTOFLBUNXMSGACTV
3295	cdf	dct	CTRDNLNRDLBADMSGTYPE
3296	ce0	dct	CTRGRWQACKBADMSGTYPE
3297	ce1	dct	CTRTRREQBADMSGHDRTYPE
3298	ce2	dct	CTRTRREQBADTTYTYPE
3299	ce3	dct	CTUNIXRTRBADMSGTYPE
3300	ce4	dct	CTRTTYBADMSGTYPE
3301	ce5	dct	CTOLBDLNPRTFail
3302	ce6	dct	CTCMKPPRTIDFail
3303	ce7	dct	CTOLBDLNUNXRC
3304	ce8	dct	CTRSWCMLUNXDLNSW

3305	ce9	dct	CTDLNERMSGUNXSIL
3306	cea	dct	CTOLBRESPNOMSGBUF
3307	ceb	dct	CTSENDGRWNOMSGBUF
3308	cec	dct	CTRDISPLAYNOMSGBUF
3309	ced	dct	CTOLBRESPMSGDNDFAIL
3310	cee	dct	CTACKMSKPMMSGNDFAIL
3311	cef	dct	CTRSMKPERRMSGNDFAIL
3312	cf0	dct	CTRCMKPOPENMSGNDFAIL
3313	cf1	dct	CTMGPMSTMSGNDFAIL
3314	cf2	dct	CTSENDGRWMMSGNDFAIL
3315	cf3	dct	CTRDISPLAYMSGNDFAIL
3316	cf4	dct	CTRSSDCMSGNDFAIL
3317	cf5	dct	CTRDPCMSGNDFAIL
3318	cf6	dct	CTOPENFAIL1
3319	cf7	dct	CTOPENFAIL2
3320	cf8	dct	CTOPENFAIL3
3321	cf9	dct	CTOPENFAIL4
3322	cfa	dct	CTIOCTLFAIL
3323	cfb	dct	CTWRITEFAIL1
3324	cfc	dct	CTSPARE
3325	cfb	dct	CTWRITEFAIL3
3326	cfe	dct	CTWRITEFAIL4
3327	cff	dct	CTSPARE1
3328	d00	dct	CTWRITEFAIL6
3329	d01	dct	CTWRITEFAIL7
3330	d02	dct	CTWRITEFAIL8
3331	d03	dct	CTBADIPMTYP
3332	d04	dct	CTINVDPMMP
3333	d05	dct	CTFSTTPDBRDFAIL
3334	d06	dct	CTSCSTPDRRDFAIL
3335	d07	dct	CTSTTRMSGOUTOFORD
3336	d08	dct	CTACKOUTOFORD
3337	d09	dct	CTDATAINMEMMSGOUTOFORD
3338	d0a	dct	CTINITRPTOUTOFORD
3339	d0b	dct	CTACKSTOUTOFORD
3340	d0c	dct	CTSTSMSGTIMEOUT
3341	d0d	dct	CTRMVACTINVDLNEVNT
3342	d0e	dct	CTRSTINVDLNEVNT
3343	d0f	dct	CTUNKNDLNEVNT1
3344	d10	dct	CTRMVNACTINVDLNEVNT
3345	d11	dct	CTUNKNDLNEVNT2
3346	d12	dct	CTUNKNDLNEVNT3
3347	d13	dct	CTUNKNDLNEVNT4
3348	d14	dct	CTUNKNDLNEVNT5
3349	d15	dct	CTDEVTACK
3350	d16	dct	CTNOACTDLNRST
3351	d17	dct	CTNOACTDLNCONDRMV
3352	d18	dct	CTGLDLNEQ
3353	d19	dct	CTGLDLNEQNODLN
3354	d1a	dct	CTDDWERR1
3355	d1b	dct	CTDDWERR2
3356	d1c	dct	CTDDWERR3
3357	d1d	dct	CTDDWERR4
3358	d1e	dct	CTDDWERR5
3359	d1f	dct	CTDDWERR6
3360	d20	dct	CTDDWERR7
3361	d21	dct	CTDDWERR8
3362	d22	dct	CTDDWERR9
3363	d23	dct	CTDDWERR10
3364	d24	dct	CTDDWERR11
3365	d25	dct	CTDDWERR12
3366	d26	dct	CTACKMSKPMMSGNOBUF
3367	d27	dct	CTRSMKPERRNOBUF
3368	d28	dct	CTRCMKPOPENNOBUF
3369	d29	dct	CTSNDMGPMSTNOBUF
3370	d2a	dct	CTRSSDCMSGNOBUF
3371	d2b	dct	CTRDPCMSGNOBUF
3372	d2c	dct	CTBADDLNMTYP
3373	d2d	dct	CTNOTCM2
3374	d2e	dct	CTCMOPFL
3375	d2f	dct	CTRMVDLNREJECT
3376	d30	dct	CTRDLNCONFREJECT

3377	d31	dct	CTRSTRTSCNREJECT
3378	d32	dct	CTRCONFTRMRNOSET
3379	d33	dct	CTACTEVNTFLGNOSSET
3380	d34	dct	CTRCONFTRMRSET
3381	d35	dct	CTACTEVNTFLGSET
3382	d36	dct	CTACCFLGACTDLN
3383	d37	dct	CTACCFLGNOACTDLN
3384	d38	dct	CTINV DST
3385	d39	dct	CTINVREL
3386	d3a	dct	CTGRWQINV
3387	d3b	dct	CTINV DLNQ0ST
3388	d3c	dct	CTINV DLNQ1ST
3389	d3d	dct	CTINVSGN
3390	d3e	dct	CTRSTRTFAIL
3391	d3f	dct	CTREADFAILDEF
3392	d40	dct	CTREADFAILPSM
3393	d41	dct	CTREADFAILBADCHAN
3394	d42	dct	CTREADFAILPRTN
3395	d43	dct	CTREADMSGUNKMSGTYPE
3396	d44	dct	CTSS7MSGCCIS6OFF
3397	d45	dct	CTCCIS6MSGSS7LNKCNG
3398	d46	dct	CTCCIS6MSGSS7LNKCNGEND
3399	d47	dct	CTCCIS6MSGSS7OFF
3400	d48	dct	CTDLNCHGACKNODLNOFF
3401	d49	dct	CTDLNPMPACKNODLNOFF
3402	d4a	dct	CTDLNPMPNODLNOFF
3403	d4b	dct	CTDLNSTRTSCNNODLNOFF
3404	d4c	dct	CTDLNQERRNODLNOFF
3405	d4d	dct	CTCN7UPDNOS7LNK
3406	d4e	dct	CTR7UPUNKMSGTYPE
3407	d4f	dct	CTINV DLN
3408	d50	dct	CTNOTIMER
3409	d51	dct	CTBADRNARTTASK
3410	d52	dct	CTBADRNARDLKF
3411	d53	dct	CTBADRNARFREQ
3412	d54	dct	CTBADRNARCNCNCL
3413	d55	dct	CTBADRNARINET
3414	d56	dct	CTBADRNARXNET
3415	d57	dct	CTDPUMPTO
3416	d58	dct	CTRNAINCSTRTSWCH
3417	d59	dct	CTRNAINCSTRTSCN
3418	d5a	dct	CTRNAINC
3419	d5b	dct	CTGRWQTO
3420	d5c	dct	CTRCONF TO
3421	d5d	dct	CTUKTASK
3422	d5e	dct	CTGETBFAIL2TRY
3423	d5f	dct	CTGETBFAILDEF
3424	d60	dct	CTHDRFAIL2TRY
3425	d61	dct	CTHDRFAILDEF
3426	d62	dct	CTUKSPEEDLNKAVL
3427	d63	dct	CTUKSPEEDLKCNG
3428	d64	dct	CTKEVNTUNKEVNT
3429	d65	dct	CTSTATESTATUSDIF
3430	d66	dct	CTDDRERRCNIINIT
3431	d67	dct	CTDDRERRMINMODE
3432	d68	dct	CTINVFLT
3433	d69	dct	CTNDLNACKPHASE
3434	d6a	dct	CTNDLNACKRMV
3435	d6b	dct	CTNDLNACKRST
3436	d6c	dct	CTNDLNACKSTCHG
3437	d6d	dct	CTNDLNACKCONDRMV
3438	d6e	dct	CTINCMFAIL1
3439	d6f	dct	CTINCMFAIL2
3440	d70	dct	CTINCMFAIL3
3441	d71	dct	CTINCMFAIL4
3442	d72	dct	CTINCMFAIL5
3443	d73	dct	CTINCMFAIL6
3444	d74	dct	CTINCMFAIL7
3445	d75	dct	CTINCMFAIL8
3446	d76	dct	CTINCMFAIL9
3447	d77	dct	CTINCMFAIL10
3448	d78	dct	CTINCMFAIL11

3449	d79	dct	CTINCMFAIL12
3450	d7a	dct	CTINCMFAIL13
3451	d7b	dct	CTINCMFAIL14
3575	df7	dxtera	XTMTERASEG
3576	df8	dxtera	XTMTERALOG
3577	df9	dxtera	XTMTERAPDK
3578	dfa	dxtera	XTMTERARDK
3579	dfb	dxtera	XTMTERAWDK
3580	dfc	dxtera	XTMTERAUX
3750	ea6	dcmap	BXSABTFL
3751	ea7	dcmap	BXSACPTFL
3752	ea8	dcmap	BXSACKFL
3753	ea9	dcmap	BXSATTFL
3754	ea	dcmap	BXSCONF
3755	eab	dcmap	BXSDETFL
3756	eac	dcmap	BXSDISFL
3757	ead	dcmap	BXSCLOFL
3758	eae	dcmap	BXSOPNFL
3759	eaf	dcmap	BXSQUEFL
3760	eb0	dcmap	BXSRCVFL
3761	eb1	dcmap	BXSREFFL
3762	eb2	dcmap	BXSSNDFL
3763	eb3	dcmap	BXSXSDFL
3764	eb4	dcmap	CMAFBFFL
3765	eb5	dcmap	CMAFLSTB
3766	eb6	dcmap	CMAFUNEQIP
3767	eb7	dcmap	CMAPECDBAD
3768	eb8	dcmap	CMAPECDFL
3769	eb9	dcmap	CMAFINTB
3770	eba	dcmap	CMAPEXTFL
3771	ebb	dcmap	CMAFDDFL
3772	ebc	dcmap	CMAFBADCASE
3773	ebd	dcmap	CMAFDXTBL
3774	ebe	dcmap	CMAFSXTBL
3775	ebf	dcmap	CMAFBXFL
3776	ec0	dcmap	CMAFDMSGFL
3777	ec1	dcmap	CMAFHMFL
3778	ec2	dcmap	CMAFLLISTB
3779	ec3	dcmap	CMAFRTSFL
3780	ec4	dcmap	CMAFDBBAD
3781	ec5	dcmap	CMAFDBFL
3782	ec6	dcmap	CMAFBPARM
3783	ec7	dcmap	CMAFESCLFL
3784	ec8	dcmap	CMAFCNFGFL
3785	ec9	dcmap	CMAFABTFL
3786	eca	dcmap	CMAFKFLT
3787	ecb	dcmap	CMAFEVFL
3788	ecc	dcmap	CMAFAROOR
3789	ecd	dcmap	CMAFBLINK
3790	ece	dcmap	CMAFTTYFL
3791	ecf	dcmap	CMAFNOOPT
3792	ed0	dcmap	CMAFSENDF
3793	ed1	dcmap	CMAFBFEAT
3794	ed2	dcmap	CMAFBINDX
3795	ed3	dcmap	CMAFBMCCI
3850	f0a	das	EDLCPOPEN
3870	f1e	dxslim	XTMSLIMPSU
3871	f1f	dxslim	XTMSLIMFP
3872	f20	dxslim	XTMSLIMIPP
3873	f21	dxslim	XTMSLIMMET
3874	f22	dxslim	XTMSLIMCPP
3875	f23	dxslim	XTMSLIMRMT
3876	f24	dxslim	XTMSLIMSMT
3895	f37	dama	AMVMFENMSG
3896	f38	dama	AMVMFCMKP
3897	f39	dama	AMVMUNKMGTYP
3898	f3a	dama	AMVMFSCMKP
3899	f3b	dama	AMVMFRCMKP
3900	f3c	dama	AMVMFCNPRT
15000	3a98	pcmf	CMFLDPTR
15001	3a99	pcmf	CMFUNITS
15002	3a9a	pcmf	CMFTMS1OPC

15003	3a9b	pcmf	CMFTMS1CNT
15004	3a9c	pcmf	CMFTMS2OPC
15005	3a9d	pcmf	CMFTMS2CNT
15006	3a9e	pcmf	CMFSSOPC
15007	3a9f	pcmf	CMFBADMSG
15008	3aa0	pcmf	CMFINVRET
15009	3aa1	pcmf	CMFFPCCNT
15010	3aa2	pcmf	CMFNONCRIT
15011	3aa3	pcmf	CMFINVDATA
15012	3aa4	pcmf	CMFLOAD
15013	3aa5	pcmf	CMFUNLOAD
15014	3aa6	pcmf	CMFTPBTM
15050	3aca	pcmm	CMAULINK
15051	3acb	pcmm	CMAUPHSE
15052	3acc	pcmm	CMAUSTAT
15053	3acd	pcmm	CMAUFREE
15054	3ace	pcmm	CMAUBUFT
15055	3acf	pcmm	CMAUPT
15056	3ad0	pcmm	CMAUSPT
15057	3ad1	pcmm	CMAUTIMT
15058	3ad2	pcmm	CMAUNXST
15059	3ad3	pcmm	CMAUDCLF
15060	3ad4	pcmm	CMAUOPPT
15061	3ad5	pcmm	CMAUIQPT
15062	3ad6	pcmm	CMAUINFR
15063	3ad7	pcmm	CMAUORCV
15064	3ad8	pcmm	CMAULQFL
15065	3ad9	pcmm	CMAUXMTS
15066	3ada	pcmm	CMAURMTS
15067	3adb	pcmm	CMAUBQFL
15068	3adc	pcmm	CMAUNOAD
15069	3add	pcmm	CMAUCLFR
15070	3ade	pcmm	CMAURLLD
15071	3adf	pcmm	CMAUTLLD
15072	3ae0	pcmm	CMAURLVR
15073	3ae1	pcmm	CMAUTLPT
15074	3ae2	pcmm	CMAURLPT
15075	3ae3	pcmm	CMAUMSPT
15076	3ae4	pcmm	CMAUTLBC
15077	3ae5	pcmm	CMAUACKS
15078	3ae6	pcmm	CMAURAMMUT
20000	4e20	as	SES_0_ASRT
20001	4e21	as	SES_1_ASRT
20002	4e22	as	SES_2_ASRT
20003	4e23	as	SES_3_ASRT
20004	4e24	as	SES_4_ASRT
20005	4e25	as	SES_5_ASRT
20006	4e26	as	SES_6_ASRT
20007	4e27	as	SES_7_ASRT
20008	4e28	as	MS_0_ASRT
20009	4e29	as	MS_1_ASRT

5. 5E14 Numeric Index: 20010-20659

ERROR CODE	PRM CODE	RANGE	MNEMONIC
20010	4e2a	as	MS_2_ASRT
20011	4e2b	as	MS_3_ASRT
20012	4e2c	as	MS_4_ASRT
20013	4e2d	as	MS_5_ASRT
20014	4e2e	as	MS_6_ASRT
20015	4e2f	as	MS_7_ASRT
20016	4e30	as	MS_8_ASRT
20017	4e31	as	MS_9_ASRT
20018	4e32	as	MS_10_ASRT
20019	4e33	as	ASMSPRERR
20020	4e34	as	ASMSHMDEVC
20021	4e35	as	ASMSALWMSG
20022	4e36	as	ASMSINHMSG
20023	4e37	as	ASMSHMVERB
20024	4e38	as	ASMSCLCSEC
20025	4e39	as	ASMSCLCRPT

20026	4e3a	as	ASMSHMQERR
20027	4e3b	as	ASMSHMOUT
20028	4e3c	as	ASMSBCBID
20029	4e3d	as	ASMSBCMSG
20030	4e3e	as	ASMSBCRPT
20031	4e3f	as	ASMSCPCCRPT
20032	4e40	as	ASMSALWSEC
20033	4e41	as	ASMSINHSEC
20034	4e42	as	AS_BAD_DB
20035	4e43	as	AS_OS_BAD
20036	4e44	as	AS_BADOAPDA
20037	4e45	as	ASBAD_PN
20038	4e46	as	AS_BADMSGTYPE
20039	4e47	as	ASINIT_REQ
20040	4e48	as	ASINV_PCB
20041	4e49	as	ASINV_PROGID
20042	4e4a	as	ASINV_SCB
20043	4e4b	as	ASNOPID
20044	4e4c	as	ASOSPSDIST
20045	4e4d	as	ASSND_OPR
20046	4e4e	as	ASOSCLIMIT
20047	4e4f	as	ASFATALBUF
20048	4e50	as	ASTMOAP
20049	4e51	as	ASPSMLIMIT
20050	4e52	as	ASMSIBRC
20051	4e53	as	ASNOPATH
20052	4e54	as	ASBADPSM
20053	4e55	as	ASBDINDX
20054	4e56	as	ASBDMSG
20055	4e57	as	ASBDDIG
20056	4e58	as	DBBADMHG
20057	4e59	as	DBBADIST
20058	4e5a	as	GPTYPBAD
20059	4e5b	as	DBBADICX
20060	4e5c	as	DBBADGRP
20061	4e5d	as	DBBADTRM
20062	4e5e	as	DBBADQICI
20063	4e5f	as	DBBADBLF
20065	4e61	as	PRTIMBAD
20066	4e62	as	AS_REASON_BAD
20067	4e63	as	HSS_TIMEOUT
20068	4e64	as	HSSLIST_ERR
20070	4e66	as	AS_RFSH_BAD
20071	4e67	as	APID_STATIC
20072	4e68	as	AS_CMAPSEND_BAD
20073	4e69	as	ASFBTEDB
20074	4e6a	as	AS_HSSPID_BAD
20076	4e6c	as	MS1SILENTSM
20077	4e6d	as	MS2SILENTSM
20078	4e6e	as	ASBADTRKG
20085	4e75	as	MS_11_ASRT
20086	4e76	as	AS_EISDSL_BAD
20088	4e78	as	HSS_OVERLAP
20089	4e79	as	APID_DYNAMIC
20090	4e7a	as	APID_INVALID
20091	4e7b	as	AS_IFLOW_BAD
20092	4e7c	as	AS_AUTREC_BAD
20093	4e7d	as	AS_ISTPARM_BAD
20094	4e7e	as	AS_INTERFLW_BAD
20095	4e7f	as	AS_DSTID_BAD
20096	4e80	as	ASUPDAUT
20097	4e81	as	AS_RANGE_BAD
20098	4e82	as	AS_DCHAN_BAD
20099	4e83	as	MS_99_ASRT
20100	4e84	as	MS_100_ASRT
20101	4e85	as	ASBADOSINT
20102	4e86	as	AS_NOINCID
20103	4e87	as	ASGROUPOUT
20105	4e89	as	ASACDNOIN
20106	4e8a	as	ASBAD_ISTPARM
20107	4e8b	as	ASBAD_DSTID
20108	4e8c	as	ASUPDPARM

20109	4e8d	as	ASFIL_ISTPARM
20110	4e8e	as	COTNO2MSG
20111	4e8f	as	COTNO1MSG
20112	4e90	as	COTNOPORT
20113	4e91	as	COTNOOSDS
20114	4e92	as	COTNODDRD
20115	4e93	as	COTNODDWT
20116	4e94	as	COTSANFAIL
20117	4e95	as	COTNOPAS
20118	4e96	as	COTWRGMSG
20119	4e97	as	ASUPDSTID
20120	4e98	as	ASUPDIFLOW
20121	4e99	as	ASBGN_TRAN
20122	4e9a	as	ASOPN_REL
20123	4e9b	as	ASEND_TRAN
20124	4e9c	as	ASTM_ZONE
20125	4e9d	as	ASOSPSID
20126	4e9e	as	ASDRAINTM
20127	4e9f	as	ASRD_IFOSPS
20128	4ea0	as	ASRD_RROSPS
20129	4ea1	as	ASUPD_IFOSPS
20130	4ea2	as	ASUPD_RROSPS
20135	4ea7	as	GRPNUM_STATIC
20136	4ea8	as	GRPNUM_DYNAMIC
20137	4ea9	as	GRPTYP_STATIC
20138	4eaa	as	ASBEDLIO
20152	4eb8	as	MSMAXEDSLEXCED
20153	4eb9	as	ASBADGACSND
20154	4eba	as	MS_77_ASRT
20175	4ecf	as	MSBAD_LNNODE
20176	4ed0	as	MS_SG_ASRT
20177	4ed1	as	MS_13_6_UPD
20179	4ed3	as	DBBDLNST
20182	4ed6	as	AS_OAP_SEC
20194	4ee2	as	ASERICCVDB
20195	4ee3	as	ASNODPRT
20198	4ee6	as	ASNO_UID
20201	4ee9	as	ASCCCTERR
20205	4eed	as	ASDDRDERR
20213	4ef5	as	MSCPEGOVFL
20214	4ef6	as	ASERMEASDES
20215	4ef7	as	MSCHSHOVFL
20222	4efe	as	MSCSMTDCUMG
20239	4f0f	as	MSCROPOVFL
20240	4f10	as	MSCPHPEGOVFL
20300	4f4c	au	AUER00
20301	4f4d	au	AUPLRBDPOOL
20302	4f4e	au	AUARSPARE1
20303	4f4f	au	AUARSPARE2
20304	4f50	au	AUARSPARE3
20308	4f54	au	AURMTYPE
20310	4f56	au	AUERDBUP
20311	4f57	au	AUERTIME
20316	4f5c	au	AUFCHESC
20318	4f5e	au	AUFCHNIT
20319	4f5f	au	AUFCHNFC
20320	4f60	au	AUFCHNRT
20323	4f63	au	AUERINTRNL
20325	4f65	au	AUQ_TEST
20326	4f66	au	AUACCTYPE
20327	4f67	au	AUAUDMAN
20328	4f68	au	AUAUDMOD
20329	4f69	au	AUERINSEM
20331	4f6b	au	AUACID
20332	4f6c	au	AUACCOND
20333	4f6d	au	AUACSEG
20336	4f70	au	AUAUDPID
20337	4f71	au	AUERTRAN
20338	4f72	au	AUERALARMA
20339	4f73	au	AUBADTBL
20340	4f74	au	AUBDSITYP
20341	4f75	au	AUBDASEC

20342	4f76	au	AUBDDDDINIT
20345	4f79	au	AUCQDBSCHED
20346	4f7a	au	AUERSTOP
20347	4f7b	au	AUREFLECT
20348	4f7c	au	AUAUDCUR
20349	4f7d	au	AU_PARTITION
20350	4f7e	au	AU_CONTROL
20351	4f7f	au	AU_SENDEM
20352	4f80	au	AU_WGETTYPE
20353	4f81	au	AU_IPCNTL
20354	4f82	au	AU_CONDITION
20360	4f88	au	AU10SMDWRITE
20361	4f89	au	AU20SMDWRITE
20362	4f8a	au	AU30SMDWRITE
20363	4f8b	au	AU40SMDWRITE
20364	4f8c	au	AU50SMDWRITE
20365	4f8d	au	AU60SMDWRITE
20367	4f8f	au	AU80SMDWRITE
20368	4f90	au	AU90SMDWRITE
20370	4f92	au	AU105SMDWRITE
20371	4f93	au	AU115SMDWRITE
20380	4f9c	au	AU10SMDDREAD
20381	4f9d	au	AU20SMDDREAD
20382	4f9e	au	AU30SMDDREAD
20383	4f9f	au	AU40SMDDREAD
20384	4fa0	au	AU50SMDDREAD
20385	4fa1	au	AU60SMDDREAD
20386	4fa2	au	AU70SMDREAD
20387	4fa3	au	AU80SMDDREAD
20388	4fa4	au	AU90SMDDREAD
20389	4fa5	au	AU100SMDDREAD
20390	4fa6	au	AU110SMDDREAD
20391	4fa7	au	AU120SMDDREAD
20398	4fae	au	AUSWITCH
20400	4fb0	au	AUREASERR
20401	4fb1	au	AURSTERR
20402	4fb2	au	AUUNPROCESS
20403	4fb3	au	AUSTQDBSCHED
20419	4fc3	au	AUDATGC
20420	4fc4	au	KAPROGERR
20421	4fc5	au	AULSTSTRT
20422	4fc6	au	AUBDMS
20423	4fc7	au	AUMSLG
20425	4fc9	au	AUINHSTATE
20428	4fcc	au	AU10DDREAD
20429	4fcd	au	AU20DDREAD
20430	4fce	au	AUBADPCR
20434	4fd2	au	AU10DDWRITE
20435	4fd3	au	AU20DDWRITE
20440	4fd8	au	AU10AUCLWTALL
20445	4fdd	au	AUNOFUNC
20446	4fde	au	AUN_ELEM
20448	4fe0	au	AUDDINH
20449	4fe1	au	AUDDALW
20450	4fe2	au	AUMMAUDRC
20452	4fe4	au	AUCOLLECTRC
20453	4fe5	au	AU1MRKPAGRC
20454	4fe6	au	AU2MRKPAGRC
20455	4fe7	au	KAOORTIMER
20456	4fe8	au	KANOKAFCN
20457	4fe9	au	AUNEWMAP
20458	4fea	au	KAPCBLAKEY
20463	4fef	au	KART_SFG
20464	4ff0	au	KALGRT_SFG
20465	4ff1	au	KATIMERTAG
20466	4ff2	au	KAR_LGM1
20469	4ff5	au	AU3MRKPAGRC
20480	5000	au	AUERSMISOL
20481	5001	au	AUERISOL
20482	5002	au	AU10DDRSMWWRITE
20483	5003	au	AU20DDRSMWWRITE
20484	5004	au	AU30DDRSMWWRITE

20486	5006	au	AUDBERR
20491	500b	au	KAGP_PT3
20492	500c	au	AUERSMSEP
20493	500d	au	AUERSMINIT
20494	500e	au	AUERSEP
20495	500f	au	AUESINIT
20496	5010	au	AUDD_CLIDAT
20497	5011	au	AU40DDRSMWRITE
20498	5012	au	AU50DDRSMWRITE
20499	5013	au	AU60DDRSMWRITE
20500	5014	au	AUZAPICC
20502	5016	au	KAERRDB
20503	5017	au	KAINVREL
20504	5018	au	KADBFRDTUP
20506	501a	au	KA_INTERNAL
20507	501b	au	KALTMSTAT
20508	501c	au	KAPORTLA
20509	501d	au	KADPB
20510	501e	au	KATEDB
20511	501f	au	KAISATUCD
20513	5021	au	AUREQDPB
20514	5022	au	AUREQDALB
20515	5023	au	AUMSGINVALID
20516	5024	au	AUMEMKEY
20517	5025	au	AULGMEMKEY
20518	5026	au	KASRTMHG
20519	5027	au	KALRTMHG
20520	5028	au	KART_LGM
20521	5029	au	KALGP_PSGP
20522	502a	au	KASRT_MEM
20523	502b	au	KASGP_PSGP
20524	502c	au	KAMRTMHG
20525	502d	au	KAMRT_LGM
20526	502e	au	KAMGRP_PRT
20527	502f	au	KA_LGLNSTAT
20528	5030	au	KA_LNSTAT
20529	5031	au	KASPSGRPPORT
20530	5032	au	KASGRPPORT
20531	5033	au	KAHTYPE
20532	5034	au	KALPSGRPPORT
20533	5035	au	KALGRPPORT
20534	5036	au	KA_MUPHST
20535	5037	au	KALNSTXTRA
20536	5038	au	KALLNSTXTRA
20537	5039	au	KAXTRAMUPHST
20538	503a	au	KAKTKQUE
20539	503b	au	KAKLGTKST
20540	503c	au	KAKTKSTAT
20543	503f	au	KAPRT_GRP
20544	5040	au	KAPSPRT_GRP
20546	5042	au	AU_INDFWRK
20548	5044	au	KARDTADATA
20549	5045	au	KAODPSOP
20550	5046	au	KAEQUIPDSL
20552	5048	au	KAPORTTYPE
20553	5049	au	AUBDGLOBAL
20554	504a	au	AUBADPROCNO
20556	504c	au	KAMDB
20557	504d	au	KAPKLOT
20558	504e	au	AUBADPARAM
20559	504f	au	KAAPXCTBL
20561	5051	au	KA_SFRCOR
20562	5052	au	KABADTASK
20563	5053	au	KA_SFSTAT
20564	5054	au	KA_LGSFSTAT
20565	5055	au	AUNOCDACT
20566	5056	au	AUNOCCACT
20567	5057	au	AUNOSFIACT
20572	505c	au	AU70DDREAD
20573	505d	au	KAPCBLA
20574	505e	au	KAGPAXDB
20575	505f	au	AUBADDEFAULT

20576	5060	au	AUBADRETCODE
20577	5061	au	AUINSRTFAIL
20578	5062	au	KARSTBSTAT
20579	5063	au	KACALINFO
20585	5069	au	AUMSG_FAIL
20586	506a	au	KADISP
20600	5078	cm	CMAULINK
20601	5079	cm	CMAUINFR
20602	507a	cm	CMAUPHSE
20603	507b	cm	CMAUSTAT
20604	507c	cm	CMAUFREE
20605	507d	cm	CMAURMTS
20606	507e	cm	CMAUPUPT
20607	507f	cm	CMAUSUPT
20608	5080	cm	CMAUTIMT
20609	5081	cm	CMAUORCV
20610	5082	cm	CMAUSMGD
20611	5083	cm	CMAUMSGT
20612	5084	cm	CMAURETC
20613	5085	cm	CMAUDPID
20614	5086	cm	CMAUERRT
20615	5087	cm	CMAUPTST
20616	5088	cm	CMAURCST
20617	5089	cm	CMAURJOB
20618	508a	cm	CMAUXTST
20619	508b	cm	CMAURMMG
20620	508c	cm	CMAUASYR
20621	508d	cm	CMAUARQF
20622	508e	cm	CMAUOSMG
20623	508f	cm	CMAUXMTS
20624	5090	cm	CMAUNXST
20625	5091	cm	CMAUMLNG
20626	5092	cm	CMAURCVF
20627	5093	cm	CMAUSRCF
20628	5094	cm	CMAUSNDF
20629	5095	cm	CMEDLCP1
20630	5096	cm	CMEDLCP2
20631	5097	cm	CMPPGMUPF
20632	5098	cm	CMAPODDRDF
20633	5099	cm	CMAPODBRDF
20634	509a	cm	CMAPONOOPT
20635	509b	cm	CMAPOSITE
20636	509c	cm	CMAPOSENDF
20637	509d	cm	CMAPOBFEAT
20638	509e	cm	CMAPOBINDX
20639	509f	cm	CMAPORLIDB
20640	50a0	cm	CMAPOOLDTB
20641	50a1	cm	CMAPONEWTB
20642	50a2	cm	CMAPOBADOP
20643	50a3	cm	CMTOPID
20644	50a4	cm	CMSEGBYTE
20645	50a5	cm	CMINPTR
20646	50a6	cm	CMOPCODE
20647	50a7	cm	CMOUTPTR
20648	50a8	cm	CMBPOFULL
20649	50a9	cm	CMOSDELIVER
20650	50aa	cm	CMDFREEMSG
20651	50ab	cm	CMPORTID
20652	50ac	cm	CMCMKPTABLE
20653	50ad	cm	CMQUEUEMSG
20654	50ae	cm	CMAUOQFULL
20655	50af	cm	CMBADPKTPTR
20656	50b0	cm	CMBADPLINK
20657	50b1	cm	CMBADPSIZE
20658	50b2	cm	CMBADPTYPE
20659	50b3	cm	CMBADP_PREV

6. 5E14 Numeric Index: 20660-21059

ERROR CODE	PRM CODE	RANGE	MNEMONIC
20660	50b4	cm	CMBADSEQORDER

20661	50b5	cm	CMBADTOPPTR
20662	50b6	cm	CMNOPKTBUF
20663	50b7	cm	CMPKTINTERR
20664	50b8	cm	CMSAMEMSG
20665	50b9	cm	CMBADPINDEX
20666	50ba	cm	CMBADPRIOR
20667	50bb	cm	CMINVMMSGTYPE
20668	50bc	cm	CMBADUSETYPE
20669	50bd	cm	CMAUPKTLNG
20670	50be	cm	CMAPODDERR
20671	50bf	cm	CMMSGLONG
20672	50c0	cm	CMBUFERR
20673	50c1	cm	CMHIQEMPTY
20674	50c2	cm	CMERRRCVBUF
20675	50c3	cm	CMAUSWQERR
20676	50c4	cm	CMAUSWMFERR
20677	50c5	cm	CMAUBDLINK
20678	50c6	cm	CMAUINVSTATE
20679	50c7	cm	CMAULOSTPKT
20680	50c8	cm	CMAUPKTBLAST
20681	50c9	cm	CMPCRID0
20682	50ca	cm	CMAPE911AP
20683	50cb	cm	CMDLNCOMP
20684	50cc	cm	CMAUBADIDLE
20685	50cd	cm	CMAUFDINV
20686	50ce	cm	CMAUFDLINK
20687	50cf	cm	CMAUTDINV
20688	50d0	cm	CMAUTDLINK
20689	50d1	cm	CMAUSPERR
20690	50d2	cm	CMAUQERR
20691	50d3	cm	CMAUSPTO
20692	50d4	cm	CMAUNOFDS
20693	50d5	cm	CMAUNOTDS
20694	50d6	cm	CMAUTDEOL
20695	50d7	cm	CMAUMHERR
20696	50d8	cm	CMAUXMTERR
20697	50d9	cm	CMAURCVERR
20698	50da	cm	CMAUILL2X4
20699	50db	cm	CMAUTDERR
20700	50dc	cm	CMAUTDFREE
20701	50dd	cm	CMAUINVPARAM
20702	50de	cm	CMAPECSITE
20703	50df	cm	CMAUMHSWERR
20704	50e0	cm	CMAUMHIDERR
20705	50e1	cm	CMAUQLINIT
20706	50e2	cm	CMCORLLCB
20707	50e3	cm	QLINVNETWORK
20708	50e4	cm	QLTSKNUMINV
20709	50e5	cm	QLINVENDPOINT
20710	50e6	cm	CMAURETINV
20711	50e7	cm	QLINCLMDB
20712	50e8	cm	QLTSKPRIINV
20713	50e9	cm	QLINVTIMER
20714	50ea	cm	CMINVLIST
20715	50eb	cm	QLINVLMDB
20716	50ec	cm	QLLLCBIXINV
20717	50ed	cm	QLINVLLCB
20718	50ee	cm	CMSIPBUFERR
20719	50ef	cm	CMSIPRESET
20720	50f0	cm	CMSIPTYPE
20721	50f1	cm	CMSIPSTAT
20722	50f2	cm	CMSIPCALLER
20723	50f3	cm	MTTBADOWNER
20724	50f4	cm	MTPARMBAD
20725	50f5	cm	MTTBADTIME
20726	50f6	cm	MTNORESCE
20727	50f7	cm	QLINCLLCB
20728	50f8	cm	CMCCBDDATA
20729	50f9	cm	CMAUINVINIT
20730	50fa	cm	CMAUENPTYPE
20731	50fb	cm	CMQLOORENDPT
20732	50fc	cm	QLINVFRMTYPE

20733	50fd	cm	MTTBADDELAY
20734	50fe	cm	MTTBADHDC
20735	50ff	cm	MTTBADNXT
20736	5100	cm	MTTBADPREV
20737	5101	cm	MTTBADSTRUCT
20738	5102	cm	MTTBADTTTYPE
20739	5103	cm	CMAUSPDERR
20740	5104	cm	CMAUQTSBAD
20741	5105	cm	CMAUL1BUSY
20742	5106	cm	CMOUTLLCB
20743	5107	cm	CMAUFDLOW
20744	5108	cm	QLINVPKTTTYPE
20745	5109	cm	CMAULGINV
20746	510a	cm	CMAULGMLNG
20747	510b	cm	CMAUSCTO
20748	510c	cm	MTLLCBXINV
20749	510d	cm	MTINVLLCB
20750	510e	cm	MTINCLLCB
20751	510f	cm	MTINVFRMTYPE
20752	5110	cm	MTINVCOMB
20753	5111	cm	MTINVSEQ
20754	5112	cm	MTINVMITQ
20755	5113	cm	CMAUSCERR
20756	5114	cm	CMAUSCRCV
20757	5115	cm	CMAUPTINV
20758	5116	cm	CMAUTDAF
20759	5117	cm	CMAUWINFL
20760	5118	cm	CMAUBDINV
20761	5119	cm	CMAUL1DERR
20762	511a	cm	CMAUL1DTO
20763	511b	cm	CMAUNOBUFS
20764	511c	cm	CMAUMHINV
20765	511d	cm	CMAUMHPPIP
20766	511e	cm	CMAUINVUNIT
20767	511f	cm	UC_EL1
20768	5120	cm	UC_EPICB
20769	5121	cm	UC_EADRS
20770	5122	cm	UC_ECOUNT
20771	5123	cm	UC_EUSER
20772	5124	cm	MTB_STATE
20773	5125	cm	MTB_CHAN
20774	5126	cm	MTB_UNITTYP
20775	5127	cm	MTB_TIMER
20776	5128	cm	MTB_GENFRM
20777	5129	cm	MTB_ACTION
20778	512a	cm	MTB_IFD
20779	512b	cm	MTB_REJEVENT
20780	512c	cm	MTB_ERROR
20781	512d	cm	CMAUPINVUNIT
20782	512e	cm	CM_UCIERR
20783	512f	cm	MTINVPCCB
20784	5130	cm	CMAUTCPCBINV
20785	5131	cm	CMAUSOCKINV
20786	5132	cm	CMAUINVESDATA
20787	5133	cm	CMAUNOTCPCB
20788	5134	cm	CMAUINVTCPST
20789	5135	cm	CMAUTCPIV
20790	5136	cm	CMAUESATPINIT
20791	5137	cm	CMAUTCISOCONFAL
20792	5138	cm	CMAUTCISOBINDFAIL
20793	5139	cm	CMAUINVMESERV
20794	513a	cm	CMAUSOCRFAIL
20795	513b	cm	CMAUSOBINDFAIL
20796	513c	cm	CMAUSOCONFAL
20797	513d	cm	CMAUSOCLSFAL
20798	513e	cm	CMAUSOSHUTFAIL
20799	513f	cm	CMAUTCMELNKDATA
20800	5140	cm	CMAUNOINPCB
20801	5141	cm	CMAUMENOCNFIG
20802	5142	cm	CMAUINVBIND
20803	5143	cm	CMAUINVHWADDR
20804	5144	cm	CMAUMHCOMFAIL

20805	5145	cm	CMAUINVATPST
20806	5146	cm	CMAUEXTSYSTYPE
20807	5147	cm	CMAUINVATPMMSG
20808	5148	cm	CMAUUNEXPDI
20809	5149	cm	CMAUNOGDIMATCH
20810	514a	cm	CMAUINVL3QAUST
20811	514b	cm	CMAUL3QRCVRFail
20812	514c	cm	CMAUL3QACKERR
20813	514d	cm	CMAUINPCBINV
20814	514e	cm	CMAUSOCKETINV
20815	514f	cm	CMAUINVEFD
20816	5150	cm	CMAUGDITIMEOUT
20817	5151	cm	CMAUINVMEINLK
20818	5152	cm	CMAUINVUTPACK
20819	5153	cm	CMAUINVEFDMELNK
20820	5154	cm	CMAUSCRDIO
20821	5155	cm	CMCMTHOPCNT
20831	515f	cm	CMCCQPHL3INV
20832	5160	cm	CMCCQPHL3IFDERR
20850	5172	da	SXSMASRT
20851	5173	da	CCSMASRT
20852	5174	da	CDSMASRT
20853	5175	da	CHSMASRT
20854	5176	da	CPSMASRT
20855	5177	da	CQSMASRT
20856	5178	da	GSSMASRT
20857	5179	da	PHSMASRT
20858	517a	da	TSSMASRT
20859	517b	da	POSMASRT
20860	517c	da	AUSMASRT
20861	517d	da	MASMASRT
20862	517e	da	QLSMASRT
20863	517f	da	XRSMASRT
20864	5180	da	ARLMASRT
20865	5181	da	PYSMASRT
20866	5182	da	TQSMASRT
20867	5183	da	CCLMASRT
20868	5184	da	CDLMASRT
20869	5185	da	CHLMASRT
20870	5186	da	PCLMASRT
20871	5187	da	PHLMASRT
20872	5188	da	POLMASRT
20873	5189	da	TSLMASRT
20874	518a	da	ERSMASRT
20875	518b	da	GEN_NOEL
20876	518c	da	GEN_NOTUP
20877	518d	da	EXLMASRT
20878	518e	da	TGLMASRT
20879	518f	da	GRLMASRT
20880	5190	da	TKLMASRT
20881	5191	da	TOLMASRT
20882	5192	da	LTLMASRT
20883	5193	da	TGSMASRT
20884	5194	da	EXSMASRT
20885	5195	da	GRSMASRT
20886	5196	da	APSMASRT
20887	5197	da	ARSMASRT
20888	5198	da	FLLMASRT
20889	5199	da	BUSMASRT
20890	519a	da	CQDBSMASRT
20891	519b	da	STSMASRT
20892	519c	da	LOSMASRT
20893	519d	da	APDBSMASRT
20894	519e	da	DOSMASRT
20895	519f	da	STLMASRT
20896	51a0	da	CQLMASRT
20897	51a1	da	DOLMASRT
20898	51a2	da	MPLMASRT
20899	51a3	da	RRLMASRT
20900	51a4	da	PBSMASRT
20901	51a5	da	DASMASRT
20902	51a6	da	PBLMASRT

20903	51a7	da	BISMASRT
20904	51a8	da	BCSMASRT
20905	51a9	da	BILMASRT
20906	51aa	da	BCLMASRT
20907	51ab	da	PKSMASRT
20908	51ac	da	SPSMASRT
20909	51ad	da	DALMASRT
20910	51ae	da	SPLMASRT
20911	51af	da	CRLMASRT
20912	51b0	da	TLSMASRT
20913	51b1	da	TPSMASRT
20914	51b2	da	CASMASRT
20915	51b3	da	SNSMASRT
20916	51b4	da	NBLMASRT
20917	51b5	da	ABSMASRT
20918	51b6	da	PRLMASRT
20919	51b7	da	QRLMASRT
20920	51b8	da	ASLMASRT
20921	51b9	da	TPLMASRT
20922	51ba	da	ASSMASRT
20923	51bb	da	ACLMASRT
20924	51bc	da	CBSMASRT
20925	51bd	da	DISMASRT
20926	51be	da	BRSMASRT
20927	51bf	da	TESMASRT
20928	51c0	da	BRLMASRT
20929	51c1	da	DILMASRT
20930	51c2	da	DLLMASRT
20931	51c3	da	CBLMASRT
20932	51c4	da	OASMASRT
20933	51c5	da	OSSMASRT
20934	51c6	da	BFSMASRT
20935	51c7	da	SCLMASRT
20936	51c8	da	APLMASRT
20937	51c9	da	DBLMASRT
20938	51ca	da	SCSMASRT
20939	51cb	da	DBSMASRT
20940	51cc	da	QMSMASRT
20941	51cd	da	OTLMASRT
20942	51ce	da	NSSMASRT
20943	51cf	da	OTSMASRT
20944	51d0	da	BLSMASRT
20945	51d1	da	TMSMASRT
20946	51d2	da	DHSMASRT
20947	51d3	da	DMSMASRT
20948	51d4	da	LYSMASRT
20949	51d5	da	NSLMASRT
20950	51d6	da	LYLMASRT
20951	51d7	da	DHLMASRT
20952	51d8	da	CLLMASRT
20953	51d9	da	CLSMASRT
20954	51da	da	MDSMASRT
20955	51db	da	USSMASRT
20956	51dc	da	NDSMASRT
20957	51dd	da	NDLMASRT
20958	51de	da	CNSMASRT
20959	51df	da	CNLMASRT
20960	51e0	da	DTSMASRT
20961	51e1	da	DTLMASRT
20964	51e4	da	LKSMASRT
20965	51e5	da	OPLMASRT
20966	51e6	da	LKLMASRT
20967	51e7	da	TISMASRT
20968	51e8	da	PVLMASRT
20969	51e9	da	PVSMASRT
20970	51ea	da	RVLMASRT
20971	51eb	da	RVSMASRT
20973	51ed	da	CVLMASRT
20974	51ee	da	SRLMASRT
20975	51ef	da	SRSMASRT
20976	51f0	da	CVSMASRT
20977	51f1	da	ALSMASRT

20978	51f2	da	AHSMASRT
20979	51f3	da	CZLMASRT
20980	51f4	da	CZSMASRT
20981	51f5	da	QCSTMASRT
20982	51f6	da	QCLMASRT
20983	51f7	da	HCSMASRT
20984	51f8	da	OPSMASRT
20985	51f9	da	TRSMASRT
20986	51fa	da	RQSMASRT
20987	51fb	da	DPSMASRT
20988	51fc	da	EISMASRT
20989	51fd	da	HLSMASRT
20990	51fe	da	SBSMASRT
20991	51ff	da	PCSMASRT
20992	5200	da	PSSMASRT
20993	5201	da	PLSMASRT
20994	5202	da	QOSMASRT
20995	5203	da	LHSMASRT
20996	5204	da	MCSMASRT
20997	5205	da	TTSMASRT
20998	5206	da	RGSMASRT
20999	5207	da	TASMASRT
21000	5208	da	TALMASRT
21001	5209	da	TOSMASRT
21002	520a	da	E9LMASRT
21003	520b	da	E9SMASRT
21004	520c	da	MWSMASRT
21005	520d	da	S0SMASRT
21006	520e	da	S0LMASRT
21007	520f	da	RTSMASRT
21008	5210	da	RLSMASRT
21009	5211	da	RLLMASRT
21010	5212	da	RBSMASRT
21011	5213	da	LCLMASRT
21012	5214	da	LCSMASRT
21013	5215	da	SULMASRT
21014	5216	da	SUSMASRT
21015	5217	da	NBSMASRT
21016	5218	da	NILMASRT
21017	5219	da	NISMASRT
21018	521a	da	TNSMASRT
21019	521b	da	MLSMASRT
21020	521c	da	IASMASRT
21021	521d	da	TBSMASRT
21022	521e	da	TBLMASRT
21023	521f	da	PASMASRT
21024	5220	da	PALMASRT
21025	5221	da	PISMASRT
21026	5222	da	TELMASRT
21027	5223	da	ISSMASRT
21028	5224	da	FLSMASRT
21029	5225	da	EBSMASRT
21030	5226	da	ANSMASRT
21031	5227	da	CTSMASRT
21032	5228	da	CTLMASRT
21033	5229	da	AXSMASRT
21034	522a	da	PXSMASRT
21035	522b	da	CFSMASRT
21036	522c	da	CFLMASRT
21037	522d	da	CRSMASRT
21038	522e	da	MQSMASRT
21039	522f	da	OCLMASRT
21040	5230	da	OCSMASRT
21041	5231	da	HISMASRT
21042	5232	da	HILMASRT
21043	5233	da	PESMASRT
21044	5234	da	PQSMASRT
21045	5235	da	QTSMASRT
21046	5236	da	ICSMASRT
21047	5237	da	QGSMASRT
21048	5238	da	PRSMASRT
21049	5239	da	QRSMASRT

21050	523a	da	UTSMASRT
21051	523b	da	TDSMASRT
21052	523c	da	C7SMASRT
21053	523d	da	E7SMASRT
21054	523e	da	P7SMASRT
21055	523f	da	T7SMASRT
21056	5240	da	SLSMASRT
21059	5243	da	TDLMASRT

7. 5E14 Numeric Index: 21060-21669

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21060	5244	da	HDLMASRT
21061	5245	da	SDSMASRT
21062	5246	da	SDLMASRT
21063	5247	da	UDLMASRT
21064	5248	da	UDSMASRT
21065	5249	da	VLLMASRT
21066	524a	da	AKSMASRT
21067	524b	da	GTSMASRT
21068	524c	da	COSMASRT
21069	524d	da	C1SMASRT
21070	524e	da	DCSMASRT
21071	524f	da	JFSMASRT
21072	5250	da	D6SMASRT
21073	5251	da	LXSMASRT
21074	5252	da	LBSMASRT
21075	5253	da	N7SMASRT
21076	5254	da	NASMASRT
21077	5255	da	N1SMASRT
21078	5256	da	RRSMASRT
21079	5257	da	MRSMASRT
21080	5258	da	S7SMASRT
21081	5259	da	RDSMASRT
21082	525a	da	XPSMASRT
21083	525b	da	IGLMASRT
21084	525c	da	IGSMASRT
21085	525d	da	GSLMASRT
21086	525e	da	GKLMASRT
21087	525f	da	GKSMASRT
21088	5260	da	QDSMASRT
21089	5261	da	LQSMASRT
21090	5262	da	HQSMASRT
21091	5263	da	QVSMASRT
21092	5264	da	QVLMASRT
21093	5265	da	SQSMASRT
21094	5266	da	DNLMASRT
21095	5267	da	DNSMASRT
21096	5268	da	QBLMASRT
21097	5269	da	QBSMASRT
21098	526a	da	QPSMASRT
21099	526b	da	QPLMASRT
21100	526c	da	SESMASRT
21101	526d	da	AQLMASRT
21102	526e	da	AQSMASRT
21103	526f	da	SXLMASRT
21104	5270	da	FTSMASRT
21105	5271	da	OHSMASRT
21106	5272	da	AJSMASRT
21107	5273	da	AJLMASRT
21108	5274	da	KLSMASRT
21109	5275	da	KTSMASRT
21110	5276	da	VCSMASRT
21111	5277	da	BDLMASRT
21112	5278	da	BDSMASRT
21113	5279	da	FCSMASRT
21114	527a	da	UPSMASRT
21115	527b	da	CUSMASRT
21116	527c	da	UCSMASRT
21117	527d	da	LRSMASRT
21118	527e	da	ENSMASRT

21119	527f	da	RPSMASRT
21120	5280	da	OUSMASRT
21121	5281	da	XDSMASRT
21122	5282	da	XLSMASRT
21123	5283	da	XTSMASRT
21124	5284	da	SISMASRT
21125	5285	da	RNSMASRT
21126	5286	da	XNSMASRT
21128	5288	da	FUSMASRT
21129	5289	da	PUSMASRT
21130	528a	da	RESMASRT
21150	529e	dg	DGRXSE0
21151	529f	dg	DGRXSE1
21152	52a0	dg	DGRXSE2
21153	52a1	dg	DGRXSE3
21154	52a2	dg	DGRXSE4
21155	52a3	dg	DGRXSE5
21156	52a4	dg	DGRXSE6
21157	52a5	dg	DGRXSE7
21158	52a6	dg	DGPE1
21159	52a7	dg	DGPE2
21160	52a8	dg	DGPE3
21161	52a9	dg	DGPE4
21162	52aa	dg	DGPE5
21163	52ab	dg	DGDATA PROB
21164	52ac	dg	DGPE7
21166	52ae	dg	DGPE9
21168	52b0	dg	DGPE11
21169	52b1	dg	DGPE12
21170	52b2	dg	DGPE13
21171	52b3	dg	DGRXSE8
21172	52b4	dg	DGRXSE9
21250	5302	fc	FCNFTLDB
21251	5303	fc	FCUNXMSG
21252	5304	fc	FCBADVALUE
21254	5306	fc	FCBADOCDS
21255	5307	fc	FCBADSTATE
21258	530a	fc	DCGPAXHC
21259	530b	fc	FCCARRTRIG
21261	530d	fc	FCASPCARTRG
21263	530f	fc	FCBADPARM
21270	5316	fc	FC0000
21273	5319	fc	FC0003
21274	531a	fc	FC0004
21275	531b	fc	FC0005
21280	5320	fc	FC0010
21285	5325	fc	FC0015
21289	5329	fc	FC911TBAD
21290	532a	fc	FCE9OPBAD
21303	5337	fc	FC0033
21304	5338	fc	FC0034
21309	533d	fc	FC0039
21320	5348	fc	FC0050
21322	534a	fc	FC0052
21323	534b	fc	FC0053
21324	534c	fc	FC0054
21325	534d	fc	FC0055
21326	534e	fc	FC0056
21327	534f	fc	FC0057
21329	5351	fc	FC0059
21345	5361	fc	FC0075
21346	5362	fc	FC0076
21350	5366	fc	FC0080
21351	5367	fc	FC0081
21352	5368	fc	FC0082
21354	536a	fc	FC0084
21361	5371	fc	FC0091
21362	5372	fc	FC0092
21363	5373	fc	FC0093
21364	5374	fc	FC0094
21367	5377	fc	FC0097
21369	5379	fc	FC0099

21371	537b	fc	FCSASINV
21372	537c	fc	FCASPNOBIL
21373	537d	fc	DCGPVACANT
21374	537e	fc	DCGETCBDB
21376	5380	fc	FC0106
21377	5381	fc	FC0107
21378	5382	fc	FC0108
21380	5384	fc	FC0110
21381	5385	fc	FC0111
21382	5386	fc	FC0112
21384	5388	fc	FC0114
21385	5389	fc	FC0115
21386	538a	fc	FC0116
21387	538b	fc	FC0117
21388	538c	fc	FC0118
21390	538e	fc	FCPPSI04
21397	5395	fc	FC0127
21399	5397	fc	FC0129
21406	539e	fc	FCHTLREL
21407	539f	fc	FCHTLTUP
21408	53a0	fc	FCISPSCRN
21409	53a1	fc	FCOPRTKREL
21410	53a2	fc	FCOPRTKTUP
21411	53a3	fc	FCDIOPRREL
21412	53a4	fc	FCDIOPRTUP
21416	53a8	fc	ISFBBRCSDDB
21417	53a9	fc	ISFBDALB
21418	53aa	fc	ISFBDPB
21419	53ab	fc	FCAPCCC
21423	53af	fc	FCUNCNFL
21425	53b1	fc	FC0155
21426	53b2	fc	FC0156
21427	53b3	fc	FCACCT_CF
21428	53b4	fc	FCACCT_GP
21429	53b5	fc	FCACCT_PRT
21430	53b6	fc	FCACCT_RTG
21431	53b7	fc	FCINV_GPID
21433	53b9	fc	FCATH_CF
21434	53ba	fc	FCATH_PRT
21435	53bb	fc	FCATH_FCOS
21436	53bc	fc	FCATH_GP
21437	53bd	fc	FCATGP_INV
21438	53be	fc	ISFBLINK
21439	53bf	fc	ISFBTEDB
21440	53c0	fc	MCRBQERR
21441	53c1	fc	FCRBQBTP
21442	53c2	fc	FCARALTFRL
21444	53c4	fc	ISFBIDLE
21445	53c5	fc	ISFBNOTEDB
21447	53c7	fc	ISFBUNLINK
21448	53c8	fc	FCMQSET1
21449	53c9	fc	FCMQSET2
21450	53ca	fc	FCMQWHN1
21451	53cb	fc	FCMQWHN2
21452	53cc	fc	FCMDRCF
21453	53cd	fc	FCMDRPORT
21454	53ce	fc	FCMDRINVGPID
21455	53cf	fc	FCMDRGP
21456	53d0	fc	ISNOBNFEAT
21457	53d1	fc	ISNOFEATBN
21458	53d2	fc	FCDNFEAT
21459	53d3	fc	FCTRMFEAT
21460	53d4	fc	FCSDNBDBF
21461	53d5	fc	ISDSP_ACN
21462	53d6	fc	ISDSP_REST
21463	53d7	fc	ISDSP_RMSG
21464	53d8	fc	ISDSP_SWTCH
21465	53d9	fc	FCMDS_CF
21466	53da	fc	FCBADREAS
21467	53db	fc	FCMDS_PORT
21468	53dc	fc	FCMDS_IGR
21469	53dd	fc	FCMDS_GRP

21470	53de	fc	FCMSSPIN
21471	53df	fc	FCMSPMSG
21472	53e0	fc	FCMSFREQ
21473	53e1	fc	FCMWITP
21474	53e2	fc	FCBLLTP
21475	53e3	fc	FCMWRFTP
21476	53e4	fc	ISEDGRP
21477	53e5	fc	ISEDSCF
21478	53e6	fc	ISEDINVGPID
21479	53e7	fc	ISEDSPORT
21480	53e8	fc	ISEDS_APID
21481	53e9	fc	FCANCHDENTRY
21482	53ea	fc	FCANCHDID
21483	53eb	fc	FCINSDYN
21484	53ec	fc	FCLNBRCs
21485	53ed	fc	FCLNCBDB
21486	53ee	fc	FCLNDALB
21488	53f0	fc	FCRGLPRM
21489	53f1	fc	FCUGLPRM
21490	53f2	fc	FCGETCBDB
21491	53f3	fc	FCLNCBPC
21492	53f4	fc	ISAHBLTM
21493	53f5	fc	ISAHHCBL
21494	53f6	fc	ISDAGTAM
21495	53f7	fc	ISDBFDAM
21496	53f8	fc	ISDBFIAH
21497	53f9	fc	ISDBFIAM
21498	53fa	fc	ISRSBLTM
21499	53fb	fc	ISRSHCBL
21500	53fc	fc	FCFPCCB
21501	53fd	fc	FCBAD4WIRE
21503	53ff	fc	FC4WDRACB
21506	5402	fc	FCUEXPRET
21510	5406	fc	FCUPCCB
21511	5407	fc	DCLNCBPC
21512	5408	fc	FCNLUPERR
21517	540d	fc	FCATH_CACHE
21518	540e	fc	FCMDC_GRP
21519	540f	fc	FCLNADB
21520	5410	fc	FCLNSCMBD
21521	5411	fc	FCTCMINVRAN
21522	5412	fc	FCARTCM
21523	5413	fc	FCUNDPINFO
21525	5415	fc	FCUNFLGNSC
21526	5416	fc	FCUNNSC
21527	5417	fc	FCUNOFFON
21528	5418	fc	FCUNONDI
21529	5419	fc	FCUNONOFF
21530	541a	fc	FCUNRLOFFON
21535	541f	fc	FCANCINENTRY
21536	5420	fc	FCANCINID
21537	5421	fc	FCANCTREENTRY
21538	5422	fc	FCANCTRID
21540	5424	fc	ISBADMSG
21549	542d	fc	ISNRMODS
21550	542e	fc	ISAHHCBR
21551	542f	fc	ISAHHCBI
21552	5430	fc	ISRDATTM
21553	5431	fc	ISBADARG
21554	5432	fc	ISBADPARM
21555	5433	fc	ISDISPCF
21556	5434	fc	ISDSP_SMSG
21557	5435	fc	ISFBRDI
21558	5436	fc	ISFCLINE
21559	5437	fc	ISFDABR
21560	5438	fc	ISFDAPC
21561	5439	fc	ISFPCDA
21562	543a	fc	ISGETDALB
21563	543b	fc	ISGETPCBLA
21564	543c	fc	ISGHTEDA
21565	543d	fc	ISGOTEDA
21566	543e	fc	ISGRPPORT

21567	543f	fc	ISGSTEDA
21568	5440	fc	ISICX_ICI
21569	5441	fc	ISINDISPTUP
21570	5442	fc	ISINVSTR
21571	5443	fc	ISINVTERM
21572	5444	fc	ISINV_ENVAL
21573	5445	fc	ISISATMBR
21574	5446	fc	ISLBRDI
21575	5447	fc	ISLIDCF
21576	5448	fc	ISMISCA
21577	5449	fc	ISNO2LINK
21578	544a	fc	ISOFFICECODE
21579	544b	fc	ISPORTGRP
21580	544c	fc	ISPTLA
21581	544d	fc	ISQO_ICI
21582	544e	fc	ISQ_ISAT
21584	5450	fc	ISRDSPLYPAR
21585	5451	fc	ISRHHCBR
21586	5452	fc	ISRHHC DI
21587	5453	fc	DCPUTCBDB
21588	5454	fc	ISRTMHG
21589	5455	fc	ISTERMCA
21590	5456	fc	ISUBRDA
21591	5457	fc	ISUBRDI
21593	5459	fc	ISUDISPPAR
21595	545b	fc	ISLBRDA
21596	545c	fc	MTOUTMSGER
21597	545d	fc	MTPASSMSGER
21598	545e	fc	MTUNLCKER
21599	545f	fc	ISSOOLD
21600	5460	fc	FCNOISLN
21602	5462	fc	FCMWISDNERR
21603	5463	fc	FCBADNRST
21604	5464	fc	FCNONRST
21607	5467	fc	FCOSWTFail
21608	5468	fc	ISBAD_MEM
21609	5469	fc	FCMWNOCC
21610	546a	fc	ISBADMW DYN
21611	546b	fc	FCPHDBER
21612	546c	fc	FCDESTYP
21613	546d	fc	FCNOHDALB
21614	546e	fc	FCTSDBER
21615	546f	fc	MTWGETER
21617	5471	fc	MTBADPFMSTATE
21618	5472	fc	FCSHTERM
21619	5473	fc	MTUNEXPMMSG
21620	5474	fc	ISNODALB
21621	5475	fc	ISPPGHTEDA
21622	5476	fc	FBDNFEATS
21623	5477	fc	ISFCPORTYP
21624	5478	fc	ISLINECA
21625	5479	fc	ISLPTPT
21626	547a	fc	ISPACK_NLOADED
21627	547b	fc	FCMDCINV
21629	547d	fc	ISNOICMTERM
21630	547e	fc	ISNOICM1LST
21631	547f	fc	ISUMICMGRP
21632	5480	fc	FCDEFAULT
21633	5481	fc	FCOSLNGTH
21639	5487	fc	ISRHHCDA
21640	5488	fc	ISLPCDL
21641	5489	fc	ISFPCDL
21642	548a	fc	ISAUPCDL
21643	548b	fc	ISUPCDA
21644	548c	fc	ISUPCDL
21645	548d	fc	ISLPCDA
21646	548e	fc	ISHHC DI
21647	548f	fc	ISAHHCDA
21649	5491	fc	FCATCOS
21650	5492	fc	FCACB_CF
21651	5493	fc	FCACB_PORT
21652	5494	fc	DCOSSENFail

21653	5495	fc	FCAD1S_IDP
21654	5496	fc	DCSREASON
21655	5497	fc	FCAD2S_IDP
21656	5498	fc	DCSVFSM
21657	5499	fc	DCSLOOPFSM
21658	549a	fc	FCARCF
21659	549b	fc	FCARGP
21660	549c	fc	FCARPORT
21661	549d	fc	FCARSCRN
21662	549e	fc	DCTREASON
21663	549f	fc	FCCF_CF
21664	54a0	fc	FCCF_LTM
21665	54a1	fc	FCCW_CF
21666	54a2	fc	FCCW_PORT
21667	54a3	fc	FCDR_CF
21668	54a4	fc	DCUNEXPMMSG
21669	54a5	fc	FCIDP_ACT

8. 5E14 Numeric Index: 21670-22079

ERROR CODE	PRM CODE	RANGE	MNEMONIC
21670	54a6	fc	FCIDP_CF
21671	54a7	fc	DCUNEXPINP
21672	54a8	fc	FCIDP_DTRE
21673	54a9	fc	FCIDP_GP
21674	54aa	fc	FCIDP_ICOM
21675	54ab	fc	FCIDP_PORT
21676	54ac	fc	FCLTM_PORT
21677	54ad	fc	FCMWCF
21678	54ae	fc	FCMWPORT
21679	54af	fc	FCPF_GP
21680	54b0	fc	FCPF_PARM
21681	54b1	fc	FCPF_PORT
21682	54b2	fc	DCINVDATA
21683	54b3	fc	FCPUO_CF
21684	54b4	fc	FCPUT_CF
21685	54b5	fc	FCPU_LTM
21686	54b6	fc	FCPU_PORT
21687	54b7	fc	FCTD_CF
21688	54b8	fc	FCTD_CODE
21689	54b9	fc	FCTD_SCHED
21691	54bb	fc	FCTG_CF
21692	54bc	fc	DCTMRFAIL
21693	54bd	fc	DCAPXAMAP
21695	54bf	fc	ISBADMWRET
21696	54c0	fc	FCMSINVACT
21698	54c2	fc	DCAPXTMAP
21699	54c3	fc	DC_PCBLA
21700	54c4	fc	DC_GPAXDB
21701	54c5	fc	DC_APXCTBL
21702	54c6	fc	FC_COINCHG
21703	54c7	fc	DCGRP_PRT
21704	54c8	fc	DCTRKSTAT
21705	54c9	fc	FC_TRUNK
21706	54ca	fc	DCNOPCBLA
21707	54cb	fc	FCBADNS_TN
21708	54cc	fc	ISSDTEDB
21709	54cd	fc	ISRSTEDA
21710	54ce	fc	ISAHTEDA
21711	54cf	fc	FCMWIBODD
21712	54d0	fc	FCNOPAPB
21714	54d2	fc	ISFBLTMSTAT
21715	54d3	fc	FCMDS_INVAP
21716	54d4	fc	ISSENDEXT
21718	54d6	fc	ISBKINSR
21720	54d8	fc	ISGETPTLA
21721	54d9	fc	ISGETTEDB
21722	54da	fc	ISGETTCB
21723	54db	fc	ISGETADB
21724	54dc	fc	ISDLBKEY
21725	54dd	fc	ISHHCDB

21726	54de	fc	ISOSERNG
21727	54df	fc	ISANFAILTP
21728	54e0	fc	ISANALMSG
21729	54e1	fc	ISMSGTYPE
21730	54e2	fc	ISBADADB
21731	54e3	fc	ISBADDALB
21732	54e4	fc	BADDALBPID
21734	54e6	fc	ISSCMDDB
21736	54e8	fc	ISFNDDISP
21737	54e9	fc	ISKAMSG
21738	54ea	fc	ISATHCDB
21739	54eb	fc	ISLPODB
21740	54ec	fc	ISXLFAIL
21741	54ed	fc	ISSCMLPT
21742	54ee	fc	ISSCMMMSG
21743	54ef	fc	ISKATPCR
21744	54f0	fc	ISFBINTER
21746	54f2	fc	ISSHDACK
21747	54f3	fc	ISSHSCINIT
21749	54f5	fc	ISTERMARRAY
21751	54f7	fc	ISADBPID
21752	54f8	fc	ISBR_FRDA
21753	54f9	fc	ISINTMSG
21754	54fa	fc	ISEXTMSG
21756	54fc	fc	ISGTOOSDALB
21757	54fd	fc	FCNPTMOD
21758	54fe	fc	ISINVICI
21759	54ff	fc	FCATER01
21760	5500	fc	FCINVMWITP
21761	5501	fc	FCNOMWIREQ
21762	5502	fc	FCBADMWIREQ
21763	5503	fc	FCINMSGMWI
21764	5504	fc	FCNOPRT2MWI
21765	5505	fc	FCBADAVMWIPQ
21766	5506	fc	FCBADMWCRCQPQ
21767	5507	fc	FCINVMWRFTP
21768	5508	fc	DCBADTKST
21769	5509	fc	FCMSSIPOD
21770	550a	fc	ISFBLDAT
21771	550b	fc	FCATCMSGBAD
21772	550c	fc	FCATCRTIBAD
21773	550d	fc	MTDALBERR
21774	550e	fc	MTOPENERRR
21775	550f	fc	MTBAVAILERR
21776	5510	fc	MTCLOSERR
21777	5511	fc	DCTKMEMBAD
21778	5512	fc	DCUNLKBUSY
21779	5513	fc	DCUNLKIDLE
21780	5514	fc	FCDNBFG
21781	5515	fc	FCTRMBFG
21782	5516	fc	FCPP_LTM
21783	5517	fc	FCDSU2NRS
21784	5518	fc	DCLINKIDLE
21785	5519	fc	FC_FACIDS
21786	551a	fc	FCPUG_SM
21787	551b	fc	FCBADQUE
21788	551c	fc	ISRTDNMHG
21789	551d	fc	ISATPRT
21790	551e	fc	ISATGRP
21791	551f	fc	ISATCF
21792	5520	fc	FCPCCLSP
21793	5521	fc	FCCLMDSPP
21794	5522	fc	FCNOMEMPCCL
21795	5523	fc	FCNOMEMCLMD
21798	5526	fc	FCBADMOD
21799	5527	fc	FCMSSAPBFAIL
21801	5529	fc	FCCORC
21802	552a	fc	FCMHG_CF
21803	552b	fc	ISACOFTR
21804	552c	fc	DCLINKBUSY
21811	5533	fc	FCINVMGRASP
21812	5534	fc	FCBADMFRA

21813	5535	fc	ISNOCCODE
21814	5536	fc	ISISTGIDX
21815	5537	fc	ISISAFIDX
21816	5538	fc	FCDCAVTER
21817	5539	fc	BFGACCT_PRT
21818	553a	fc	BFGATH_PRT
21819	553b	fc	BFGARPORT
21820	553c	fc	BFGACB_PORT
21821	553d	fc	BFGPU_LTM
21822	553e	fc	BFGEDS_PORT
21823	553f	fc	BFGMWPORT
21824	5540	fc	BFGIDP_PORT
21825	5541	fc	BFGPF_PORT
21826	5542	fc	BFGMDR_PORT
21827	5543	fc	BFGPU_PORT
21828	5544	fc	FCCFSCOP
21829	5545	fc	BFGPP_LTM
21830	5546	fc	FCCFLNTRM
21831	5547	fc	BFGCW_PORT
21832	5548	fc	FCBADTMR
21833	5549	fc	FCBADMSG
21834	554a	fc	FCBADACT
21835	554b	fc	FCMSGFLRASP
21836	554c	fc	FCRASPIN
21837	554d	fc	FCCFOVSCOP
21838	554e	fc	FCCFOVLNTRM
21839	554f	fc	FCINVSLOT
21840	5550	fc	FCCFIDLERR
21843	5553	fc	FCBKLATANUM
21844	5554	fc	FCDIOPRFAIL
21845	5555	fc	FCFLNPAMAP
21846	5556	fc	FCHOTELFAIL
21847	5557	fc	FCNPAMAPTUP
21848	5558	fc	FCOAEXMAPFAIL
21849	5559	fc	FCOPRTKFAIL
21850	555a	fc	FCRTSCRNFAL
21851	555b	fc	ICLIDIDX
21852	555c	fc	ISISATGRP
21853	555d	fc	FCASPCPOHD
21854	555e	fc	FCCPPOPC
21855	555f	fc	FCASPSTDOHD
21856	5560	fc	ISFDABR2
21857	5561	fc	ISGETEDB
21858	5562	fc	ISGODPTE
21859	5563	fc	ISLPMVPORT
21860	5564	fc	ISPORPCBLA
21861	5565	fc	FCASPCPFB
21862	5566	fc	FCBADPCRRASP
21863	5567	fc	FCDB_AMGPD
21864	5568	fc	FCRTDNMOD
21865	5569	fc	FCRT_DNTRAN
21866	556a	fc	ISDSL_EQUIP
21867	556b	fc	ICLIDATA
21868	556c	fc	ICLIDDB
21874	5572	fc	FCCFPF_LTM
21875	5573	fc	FCSPABILLDN
21876	5574	fc	FCSPABNDSCRN
21877	5575	fc	FCSPAENXX
21879	5577	fc	FCPP_CF
21880	5578	fc	FCPP_TRUNK
21881	5579	fc	FCPP_COS
21882	557a	fc	FCPP_COI
21883	557b	fc	FCPUO_ROUT
21884	557c	fc	FCLTSBPORT
21885	557d	fc	FCLTSCSPMSG
21886	557e	fc	FCLTBRMSER
21887	557f	fc	FCPCC_CC
21888	5580	fc	FCLTUXBRCS
21889	5581	fc	NOANILHB
21890	5582	fc	NOISILHB
21891	5583	fc	NOANOLHB
21892	5584	fc	NOISOLHB

21893	5585	fc	FCARCBADPARM
21894	5586	fc	DAANILHB
21895	5587	fc	DAISILHB
21896	5588	fc	DAANOLHB
21897	5589	fc	DAISOLHB
21898	558a	fc	FCARCOMPUNXP
21899	558b	fc	FCARCMMSGUNXP
21900	558c	fc	FCARCOSMGERR
21901	558d	fc	FCTMRARCFail
21903	558f	fc	FCSDNBRET
21904	5590	fc	FCCOT_CF
21905	5591	fc	FCAC_PORT
21906	5592	fc	FCAR_PORT
21907	5593	fc	FCIDPRDTRE
21908	5594	fc	FCSDNFINTF
21909	5595	fc	FCSDNFFINTF
21910	5596	fc	FCTR_UNKN
21911	5597	fc	FCBADPTRSP
21913	5599	fc	FCPUENTRY
21914	559a	fc	FCPUQUEUE
21915	559b	fc	FCE9BADSFG
21916	559c	fc	FCALOSrvOT
21919	559f	fc	FCLTUNLKER
21920	55a0	fc	FCLTATPLER
21921	55a1	fc	FCLTREORER
21922	55a2	fc	FCLTGTUPER
21923	55a3	fc	FCLTLINKER
21924	55a4	fc	FCLTCOSER
21925	55a5	fc	FCCF_LDN
21926	55a6	fc	FCLTEXTMSG
21927	55a7	fc	FCLTINTMSG
21928	55a8	fc	FCSLEPROCERR
21929	55a9	fc	FCSLELENGTHERR
21930	55aa	fc	FCSLEDEFAULT
21931	55ab	fc	FCTRPFANI
21932	55ac	fc	FCTREDLANI
21933	55ad	fc	FCTRKSDN
21934	55ae	fc	FCPNGRNG
21935	55af	fc	ISACSR_GRP
21936	55b0	fc	ISACSR_OPT
21938	55b2	fc	FCIDPRICOM
21939	55b3	fc	FCCFGPCB
21940	55b4	fc	FCCOTCLASS
21941	55b5	fc	FCCOTDISP
21942	55b6	fc	FCCOTRESP
21943	55b7	fc	FCCOTTMEQ
21944	55b8	fc	FCAR_CF
21945	55b9	fc	FCAC_CF
21946	55ba	fc	FCBNS_DB
21947	55bb	fc	FCB_PSEUDO
21948	55bc	fc	FCDISERV
21949	55bd	fc	FCCFGTDB
21950	55be	fc	FCNSOFF
21951	55bf	fc	FCNSON
21952	55c0	fc	FCNONSDB
21953	55c1	fc	FCACPFx
21954	55c2	fc	FCMHG_TGSR
21955	55c3	fc	FCCDVTP
21956	55c4	fc	FCCDVUNX
21957	55c5	fc	FCSCM_NSCM
21958	55c6	fc	FCLPTSPID
21959	55c7	fc	FCCDVTRG
21960	55c8	fc	FCGHPCL
21961	55c9	fc	FCGSPCL
21962	55ca	fc	FCLNCLDB
21963	55cb	fc	FCLNMDB
21964	55cc	fc	FCCPNBNCF
21965	55cd	fc	FCSCPAS
21966	55ce	fc	FCSLEBADMSG
21967	55cf	fc	FCSLEINVLDREQ
21968	55d0	fc	FCSCALTM
21969	55d1	fc	FCSCFLTM

21970	55d2	fc	FCSCRLTM
21971	55d3	fc	FCSDALTM
21972	55d4	fc	FCLSF_CF
21973	55d5	fc	FCBFGSC_PORT
21974	55d6	fc	FCSC_CF
21975	55d7	fc	FCSC_PORT
21976	55d8	fc	FCACDAFAIL
21977	55d9	fc	FC4WDAC
21978	55da	fc	FC4WDAR
21979	55db	fc	FCGENSCA
21980	55dc	fc	FCGENSCF
21981	55dd	fc	FCGENSCR
21982	55de	fc	FCGENSDA
21983	55df	fc	FCLSFSCA
21984	55e0	fc	FCLSFSCF
21985	55e1	fc	FCLSFSCR
21986	55e2	fc	FCLSFSDA
21987	55e3	fc	FCLSFHCA
21988	55e4	fc	FCLSFHCF
21989	55e5	fc	FCLSFHCR
21990	55e6	fc	FCLSFHDA
21991	55e7	fc	FCSLEDSP
21992	55e8	fc	FCSMSEQIDX
21993	55e9	fc	FCCAR_GENAV
21994	55ea	fc	FCGHCLMD
21995	55eb	fc	FCGSCLMD
21996	55ec	fc	FCSLETMRC
21997	55ed	fc	FCSLETARG
21998	55ee	fc	FCSLETFID
21999	55ef	fc	FCLNFFINTF
22000	55f0	fc	FCIMPDGTS
22002	55f2	fc	FCTRKLN
22003	55f3	fc	FCIVLFEATCNT
22004	55f4	fc	FCLNBRET
22005	55f5	fc	FCLNFINTF
22006	55f6	fc	FCBDACTN
22007	55f7	fc	FCLSNTWK
22008	55f8	fc	FCRTRROUTING
22009	55f9	fc	FCBADRBREAS
22010	55fa	fc	FCSHTRMCNT
22011	55fb	fc	FCFRLRNG
22012	55fc	fc	FCTCMRNG
22013	55fd	fc	FCHCALIST
22014	55fe	fc	FCBDFRAME
22015	55ff	fc	FCBNETGRP
22016	5600	fc	FCLNEDSLANI
22017	5601	fc	FCLNISDNANI
22018	5602	fc	FCLNPFANI
22019	5603	fc	FCQDATNAVL
22020	5604	fc	FCLNNOCAR
22021	5605	fc	FCLNARPORT
22022	5606	fc	FCARLNSI
22023	5607	fc	FCHCFLIST
22024	5608	fc	FCHCRLIST
22025	5609	fc	FCHDALIST
22026	560a	fc	FCLNTCMDG
22027	560b	fc	FCPFCPECOS
22028	560c	fc	FCPF_CT
22029	560d	fc	FCPF_POVL
22030	560e	fc	FCPF_PCT
22031	560f	fc	FCICBGP1
22032	5610	fc	FCICBGP2
22033	5611	fc	FCICBGP3
22034	5612	fc	FCICBGP4
22035	5613	fc	FCHI_CF
22036	5614	fc	FCULNSDB
22037	5615	fc	HIUNEXPMMSG
22038	5616	fc	FCIDP_ERT
22039	5617	fc	FCIDP_AERT
22040	5618	fc	FCMWOSSNDERR
22041	5619	fc	FCTPUNXMSG
22042	561a	fc	FCBADQMUSIC

22043	561b	fc	FCAISSMISS
22044	561c	fc	FCOFFICECODE
22045	561d	fc	FCBTRK_DATA
22046	561e	fc	FC2CF_LTM
22047	561f	fc	FC3CF_LTM
22048	5620	fc	FC4CF_LTM
22049	5621	fc	FCTRMNCON
22050	5622	fc	FCDNINCON
22051	5623	fc	FCSHRINCON
22052	5624	fc	FCPFNONCT
22053	5625	fc	FCCR_STUCK
22054	5626	fc	FCDSPMSG
22055	5627	fc	FCCHRGIDXEXP
22056	5628	fc	FCLPCE9
22057	5629	fc	FCRHHCE9
22058	562a	fc	FCE911PSAP
22059	562b	fc	FCSENDMSG
22060	562c	fc	FCAHHCE9
22061	562d	fc	FCRERTFAIL
22062	562e	fc	FCFCPORTYP
22063	562f	fc	FCRT_SCRNING
22064	5630	fc	FCCOPER_SIG
22065	5631	fc	FCMWIBADHC
22066	5632	fc	FCUNXDESTTYPE
22067	5633	fc	FCUNXTYPCICALL
22068	5634	fc	FCMSMWIDA
22072	5638	fc	FCE9ESCOBAD
22073	5639	fc	FCEDSLTKG
22074	563a	fc	FCE9DASBAD
22075	563b	fc	FCE9SABAD
22076	563c	fc	FCE9DNBAD
22077	563d	fc	FCE9QRYBAD
22078	563e	fc	FCINSNSDB
22079	563f	fc	FCNOTGTO

9. 5E14 Numeric Index: 22080-22709

ERROR CODE	PRM CODE	RANGE	MNEMONIC
22080	5640	fc	ISGODPDA
22081	5641	fc	ISAHDPDA
22083	5643	fc	FCLNLSCMDB
22084	5644	fc	FCASPAAN
22088	5648	fc	FCRT_TG
22089	5649	fc	FCTATSTATE
22090	564a	fc	FCTAT_LNTM
22091	564b	fc	FCASP_LTM
22093	564d	fc	FCB_TATDB
22094	564e	fc	FCACDDIS
22095	564f	fc	FCASPPORT
22096	5650	fc	FCASPMNST
22097	5651	fc	FCASPAMNST
22098	5652	fc	FCASPPMNST
22099	5653	fc	FCASPSKMNST
22100	5654	fc	FCINSTATDB
22101	5655	fc	FCNOTATDB
22102	5656	fc	FCNORRTI
22103	5657	fc	FCTRKNOTA
22104	5658	fc	FCNOMUSRC
22105	5659	fc	FCTGLTM
22107	565b	fc	FCCLSUSPP
22108	565c	fc	FCHCSUAUD
22109	565d	fc	ISSOFTSPP
22110	565e	fc	FCGRPNET
22111	565f	fc	FCNCPDIP
22112	5660	fc	FCCNAMDATA
22113	5661	fc	FCBNS_IDX
22114	5662	fc	FCBTN_INFO
22115	5663	fc	FCBNS_BILL
22116	5664	fc	FCREDIRCNT
22117	5665	fc	FCBFGPORT
22118	5666	fc	FCCKT_PORT

22120	5668	fc	FCNULPORT
22121	5669	fc	FCBCR_NS
22122	566a	fc	FCINNS_IDX
22123	566b	fc	FCINTN_INFO
22124	566c	fc	FCINNS_BILL
22125	566d	fc	FCTATON
22126	566e	fc	FCNS_TRIG
22127	566f	fc	FCNS_ALGT
22128	5670	fc	FCBADSRCTYP
22129	5671	fc	FCBNS_TAT
22130	5672	fc	FCBQRY_CNT
22131	5673	fc	FCRELAYMSGER
22132	5674	fc	FCERRMSGSE
22133	5675	fc	FCCBCPIDERR
22134	5676	fc	FCNS_SCR
22135	5677	fc	FCISPTIBAD
22136	5678	fc	FCASPEAOHD
22141	567d	fc	FCLNAPB
22143	567f	fc	FCERNS_IDX
22144	5680	fc	FCERNSDB
22145	5681	fc	FCERNS_BILL
22146	5682	fc	FCERTN_INFO
22147	5683	fc	FCERTATDB
22148	5684	fc	FCIDP_MBGE
22151	5687	fc	FCDAORAF
22152	5688	fc	FCPAORAF
22153	5689	fc	FCIPNSTRIG
22155	568b	fc	DCBADDATA
22156	568c	fc	FCE9DA_ERR
22157	568d	fc	FCINSATCALL
22164	5694	fc	FCASPDFDNT
22165	5695	fc	FCASPDFSPDN
22166	5696	fc	FCASPDFANNC
22169	5699	fc	FCNOCFDA
22176	56a0	fc	FCRCMULTIDN
22177	56a1	fc	FCVPNPRIOHD
22189	56ad	fc	FCOHICSD
22191	56af	fc	FCPEDSGRP
22192	56b0	fc	FCPZEDSGPID
22196	56b4	fc	FCNOLNPTRIG
22197	56b5	fc	FCE911INVNPA
22198	56b6	fc	FCINVAPDATA
22199	56b7	fc	FCCFCWINTMSG
22200	56b8	fc	FCNOCCODE
22201	56b9	fc	FCBADCDST
22202	56ba	fc	FCINVTNSC2DAS
22203	56bb	fc	DCQIWKEY
22205	56bd	fc	FCFRUNEXP
22206	56be	fc	FCAUDALB
22207	56bf	fc	FCBADOSRET
22208	56c0	fc	FCNOEONCOS
22210	56c2	fc	FCPRISTAT
22211	56c3	fc	FCASP_TPLNK
22212	56c4	fc	FCBASP_TP
22213	56c5	fc	FCINASP_TP
22214	56c6	fc	FCASPCUTTHUTRG
22217	56c9	fc	FCTRANSEXCEEDED
22220	56cc	fc	FCDALCARTONE
22221	56cd	fc	FCCARTONE
22222	56ce	fc	FCGENRATNF
22223	56cf	fc	FCSTRCARTONE
22225	56d1	fc	FCTCWPARMS
22226	56d2	fc	FCERDISP
22227	56d3	fc	FCERTRANS
22228	56d4	fc	FCERTXNIF
22229	56d5	fc	FCINSDISP
22230	56d6	fc	FCINSTRANS
22231	56d7	fc	FCINSTXNIF
22236	56dc	fc	FCBTRANS
22243	56e3	fc	FCCAL_INFO
22244	56e4	fc	FCERFRNAMA
22245	56e5	fc	FCINSFRNAMA

22246	56e6	fc	FCUNXPECTEDRET
22250	56ea	hm	HMMAP0
22251	56eb	hm	HMMAP1
22252	56ec	hm	HMMAP2
22253	56ed	hm	HMMAP3
22254	56ee	hm	HMMAP4
22255	56ef	hm	HMMAP5
22256	56f0	hm	HMMAP6
22257	56f1	hm	HMMAP7
22258	56f2	hm	HMMAP8
22259	56f3	hm	HMMAP9
22260	56f4	hm	HMMAP10
22261	56f5	hm	HMMAP11
22262	56f6	hm	HMMAP12
22263	56f7	hm	HMMAP13
22264	56f8	hm	HMMAP14
22265	56f9	hm	HMMAP15
22266	56fa	hm	HMMAP16
22267	56fb	hm	HMMAP17
22268	56fc	hm	HMMAP18
22269	56fd	hm	HMMAP19
22270	56fe	hm	HMMAP20
22271	56ff	hm	HMMAP21
22272	5700	hm	HMMAP22
22273	5701	hm	HMMAP23
22274	5702	hm	HMMAP24
22275	5703	hm	HMMAP25
22276	5704	hm	HMMAP26
22277	5705	hm	HMMAP27
22278	5706	hm	HMMAP28
22279	5707	hm	HMMAP29
22280	5708	hm	HMRMAP00
22281	5709	hm	HMRMAP01
22282	570a	hm	HMRMAP02
22283	570b	hm	HMRMAP03
22284	570c	hm	HMRMAP04
22285	570d	hm	HMRMAP05
22286	570e	hm	HMRMAP06
22287	570f	hm	HMRMAP07
22288	5710	hm	HMRMAP08
22289	5711	hm	HMRMAP09
22290	5712	hm	HMOMTBLINK
22291	5713	hm	HMOMTBPARAM
22292	5714	hm	HMOMTDBERR
22293	5715	hm	HMOMTINVR
22294	5716	hm	HMOMTOSRET
22295	5717	hm	HMOMTRELCK
22296	5718	hm	HMOMTDDERR
22297	5719	hm	HMOMTUNEXP
22298	571a	hm	HMOMTBDTMR
22299	571b	hm	HMRISA00
22300	571c	hm	HMRISA01
22301	571d	hm	HMRISA02
22302	571e	hm	HMRISA03
22303	571f	hm	HMRISA04
22304	5720	hm	HMRISA07
22305	5721	hm	HMRAS01
22306	5722	hm	HMRAS02
22307	5723	hm	HMRAS03
22308	5724	hm	HMRAS04
22309	5725	hm	HMRAS05
22310	5726	hm	HMRAS06
22311	5727	hm	HMRAS07
22312	5728	hm	HMRAS08
22313	5729	hm	HMRAS09
22314	572a	hm	HMRAS10
22315	572b	hm	HMRAS11
22316	572c	hm	HMRAS12
22317	572d	hm	HMRMP10
22318	572e	hm	HMRMP11
22319	572f	hm	HMRMP12
22320	5730	hm	HMRAS13

22321	5731	hm	HMRAS14
22322	5732	hm	HMRAS15
22323	5733	hm	HMRMP13
22324	5734	hm	HMRMP14
22325	5735	hm	HMRMP15
22400	5780	nm	NMSP_ENTRY
22401	5781	nm	NMTP_STUCK
22402	5782	nm	NMAD_TGCD
22403	5783	nm	NMAD_GTGDA
22404	5784	nm	NMAD_EXRDA
22405	5785	nm	NMAD_RTKGDB
22406	5786	nm	NMAD_IVAR
22407	5787	nm	NMAD_KEYTGC
22408	5788	nm	NMCC_BADDATA
22409	5789	nm	NMCC_NONODES
22410	578a	nm	NMIMPDIGITS
22411	578b	nm	NMFC_LINE
22412	578c	nm	NMOFC_CODE
22413	578d	nm	NMSTG_DB
22414	578e	nm	NMSRTKG_DB
22415	578f	nm	NMSBAD_TG
22416	5790	nm	NMSACT_DD
22417	5791	nm	NMMSGRSMS
22418	5792	nm	NMTKGRSMS
22419	5793	nm	NMFCTRSMS
22420	5794	nm	NMTKGISMS
22421	5795	nm	NMTKGDSMS
22422	5796	nm	NMMCLRSMS
22423	5797	nm	NMIVAL_MSG
22424	5798	nm	NMIVNM_SCH
22425	5799	nm	NMTP_ENTRY
22426	579a	nm	NMUNEXMSG
22427	579b	nm	NM_OSAUBU
22428	579c	nm	NM_OSRETC
22429	579d	nm	NMILL_CMD
22430	579e	nm	NM_OSILMSG
22431	579f	nm	NM_OSINVFLD
22432	57a0	nm	NMIWCCARG
22433	57a1	nm	NMIWCHKARG
22434	57a2	nm	NMIWLINK
22435	57a3	nm	NMIWCHKLNK
22436	57a4	nm	NMIWDATA
22437	57a5	nm	NMNCDCCARG
22438	57a6	nm	NMNCDCCDATA
22439	57a7	nm	NMNCDCHKARG
22440	57a8	nm	NMAD_DOCDA
22441	57a9	nm	NMRD_DCOFC
22442	57aa	nm	NMKY_ARC
22443	57ab	nm	NMCD_ARC
22444	57ac	nm	NMNOCTIMER
22445	57ad	nm	NMERRCTM
22446	57ae	nm	NMQRYCHK
22447	57af	nm	NMQRYCNTL
22448	57b0	nm	NMQRYOVTBL
22449	57b1	nm	NMCCTIMEOUT
22450	57b2	nm	NMCCBADPOLL
22451	57b3	nm	NMCCSMDATA
22452	57b4	nm	NMDSCCBADATA
22454	57b6	nm	NMBADRC
22455	57b7	nm	NMBADDATA
22456	57b8	nm	NMMSG_UNX
22457	57b9	nm	NMINSANE_PROC
22458	57ba	nm	NMLIDBOVFL
22459	57bb	nm	NMBADARG
22460	57bc	nm	NMBADCNTL
22461	57bd	nm	NMLDLSTOVFL
22462	57be	nm	NMAD_TRDA
22463	57bf	nm	NMPVNEROR
22464	57c0	nm	NMSDNDSCC
22465	57c1	nm	NMLNDSCC
22466	57c2	nm	NMBADDSA
22467	57c3	nm	NMBADLEN

22477	57cd	nm	NMOPCCOVFL
22478	57ce	nm	NMOPCCERR
22493	57dd	nm	NMCNAMERROR
22499	57e3	nm	NMASPERROR
22503	57e7	nm	NMNOPORTLA
22509	57ed	nm	NMDDRFAIL
22600	5848	pc	PCSTOP
22601	5849	pc	PCLINKPROB
22602	584a	pc	PCDATAPROB
22603	584b	pc	PCOSDSPROB
22604	584c	pc	PCFGERROR
22605	584d	pc	PCJBSPROB
22606	584e	pc	PCLMCDB
22607	584f	pc	PCBGTRNER
22608	5850	pc	PCOPNRELER
22609	5851	pc	PCENDTRNER
22610	5852	pc	PCOSSEND
22611	5853	pc	PCBADPARAM
22612	5854	pc	PCLOSTTIMER
22613	5855	pc	PCTSIPROB
22614	5856	pc	PCCBCRDUMP
22615	5857	pc	PCDPTSB
22616	5858	pc	PCLCCPT
22617	5859	pc	PCDISPIDB
22618	585a	pc	PCDSLEQ
22619	585b	pc	PCLCHPT
22620	585c	pc	PCDDFLINK
22621	585d	pc	PCFPTCH
22622	585e	pc	PCDDPB
22623	585f	pc	PCCILCSMSK
22624	5860	pc	PCTDBOWN
22625	5861	pc	PCMTBFE
22626	5862	pc	PCCKTDATA
22627	5863	pc	PCMDPATH
22628	5864	pc	PCRG2CCBCOM
22629	5865	pc	PCLOSS_TBL
22630	5866	pc	PCARG
22631	5867	pc	PCDPB_DALB
22632	5868	pc	PCNODSL
22633	5869	pc	PCQCLRD
22634	586a	pc	PCDDALB
22635	586b	pc	PCDEFAULT
22636	586c	pc	PCDDSCC
22637	586d	pc	PCAPMAPBAD
22638	586e	pc	PCDCCCM
22639	586f	pc	PCDCCCR
22640	5870	pc	PCOSLNTH
22641	5871	pc	PCDCHAN
22642	5872	pc	PCDCHDB
22643	5873	pc	PCDGSDB
22644	5874	pc	PCDTONE
22645	5875	pc	PCDHLSC
22646	5876	pc	PCDUTD
22647	5877	pc	PCOPLOSS
22648	5878	pc	PCDSGDB
22649	5879	pc	PCDCKTD
22650	587a	pc	PCDPORT
22651	587b	pc	PCDPHDB
22652	587c	pc	PCDTSDB
22653	587d	pc	PCLNKDALB
22654	587e	pc	PCLSLNK
22655	587f	pc	PCDCDBCOM
22656	5880	pc	PCDUBHC
22657	5881	pc	PCDCBHC
22658	5882	pc	PCLNKPLS
22659	5883	pc	PCDCQB
22660	5884	pc	PCMCDSCYPE
22661	5885	pc	PCMCRCLPTC
22662	5886	pc	PCMCMUSG
22663	5887	pc	PCMCTMTB
22664	5888	pc	PCMCLMTB
22665	5889	pc	PCMCTRMTB

22666	588a	pc	PCACDBCOM
22667	588b	pc	PCATONE
22668	588c	pc	PCASMEST
22669	588d	pc	PCADSCC
22670	588e	pc	PCACHAN
22671	588f	pc	PCAHLS
22672	5890	pc	PCGETPCBLA
22673	5891	pc	PCGETPICB
22674	5892	pc	PCFCPORT
22675	5893	pc	PCGETTONE
22676	5894	pc	PCGETCBHC
22677	5895	pc	PCGETCCB
22678	5896	pc	PCGETCHDB
22679	5897	pc	PCGETGSDB
22680	5898	pc	PCGETUBHC
22681	5899	pc	PCGETCDB
22682	589a	pc	PCGETDPB
22683	589b	pc	PCGETCQB
22684	589c	pc	PCGETPTSB
22685	589d	pc	PCISDCFG
22687	589f	pc	PCBADDT
22688	58a0	pc	PCGETPHDB
22689	58a1	pc	PCPTSDUMP
22690	58a2	pc	PCGETPTLA
22691	58a3	pc	PCMVEPROC
22692	58a4	pc	PCGETTSDB
22693	58a5	pc	PCGETCHAN
22695	58a7	pc	PCLCBGS
22696	58a8	pc	PCLCCSNK
22697	58a9	pc	PCLCCPH
22698	58aa	pc	PCLPCCC
22699	58ab	pc	PCLPCPH
22700	58ac	pc	PCLPHTS
22701	58ad	pc	PCLCCCD
22702	58ae	pc	PCMVBRGATT
22703	58af	pc	PCMVCLSDPH
22704	58b0	pc	PCLCCSRC
22705	58b1	pc	PCLCCCQ
22706	58b2	pc	PCLSRCCC
22707	58b3	pc	PCLCHCD
22708	58b4	pc	PCLSNKCC
22709	58b5	pc	PCLCDCH

10. 5E14 Numeric Index: 22710-23259

ERROR CODE	PRM CODE	RANGE	MNEMONIC
22710	58b6	pc	PCLUBCH
22711	58b7	pc	PCNODTP
22712	58b8	pc	PCSCADCON
22713	58b9	pc	PCFTDCON
22715	58bb	pc	PCACBGS
22716	58bc	pc	PCACCSNK
22717	58bd	pc	PCACCPH
22718	58be	pc	PCAPCCC
22719	58bf	pc	PCAPCPH
22720	58c0	pc	PCDSPDCON
22721	58c1	pc	PCACCCD
22722	58c2	pc	PCNOTINSP
22723	58c3	pc	PCACDCQ
22724	58c4	pc	PCACCSRC
22725	58c5	pc	PCACCCQ
22726	58c6	pc	PCASRCCC
22727	58c7	pc	PCACHCD
22728	58c8	pc	PCASNKCC
22729	58c9	pc	PCACDCH
22730	58ca	pc	PCAUBCH
22731	58cb	pc	PCATSPH
22732	58cc	pc	PCAPCPO
22733	58cd	pc	PCAPOPC
22734	58ce	pc	PCDHTU2RSM
22735	58cf	pc	PCOWNPROB

22736	58d0	pc	PCLMCCB
22737	58d1	pc	PCDCOND
22738	58d2	pc	PCLPCCPLR
22739	58d3	pc	PCLMCPLR
22740	58d4	pc	PCLMTSDB
22741	58d5	pc	PCLMCHDB
22742	58d6	pc	PCLMPHTS
22743	58d7	pc	PCBADPDESC
22744	58d8	pc	PCBRIVLN
22745	58d9	pc	PCOSWAKE
22746	58da	pc	PCLPHSNK
22747	58db	pc	PCLPHSRC
22748	58dc	pc	PCAPHPC
22749	58dd	pc	PCAPHCC
22750	58de	pc	PCAPHSNK
22751	58df	pc	PCAPHSRC
22752	58e0	pc	PCASNKPH
22753	58e1	pc	PCASRCPH
22754	58e2	pc	PCAPHDB
22755	58e3	pc	PCABGTIMER
22756	58e4	pc	PCBADTRGT
22758	58e6	pc	PCSPCPH
22759	58e7	pc	PCSPHSNK
22760	58e8	pc	PCSPHSRC
22761	58e9	pc	PCSOSEND
22762	58ea	pc	PCSDATAPROB
22763	58eb	pc	PCINVBONOP
22764	58ec	pc	PCBADMSG
22765	58ed	pc	PCBADREASON
22766	58ee	pc	PCS3PFail
22767	58ef	pc	PCSPCCC
22768	58f0	pc	PCSCCPH
22769	58f1	pc	PCSCCCH
22770	58f2	pc	PCCPTSDATA
22772	58f4	pc	PCHTMDUMP
22773	58f5	pc	PCCCBTMR
22774	58f6	pc	PCOUTSCH
22775	58f7	pc	PCDACCBTMR
22776	58f8	pc	PCDAOUTSCH
22777	58f9	pc	PCBADGCK
22778	58fa	pc	PCBGCKTI
22779	58fb	pc	PCUTPCPO
22781	58fd	pc	PCUTCCCH
22791	5907	pc	PCBADLUTYPE
22792	5908	pc	PCDT1USG
22793	5909	pc	PCMTBS96
22794	590a	pc	PCS96SHELF
22795	590b	pc	PCDS96ABSIG
22796	590c	pc	PCDRTS_HCN
22797	590d	pc	PCATSDB
22798	590e	pc	PCDRSMCHAN
22799	590f	pc	PCMPHDTO
22800	5910	pc	PCSLCCSRC
22801	5911	pc	PCDMDATT
22802	5912	pc	PCDS96DFI
22803	5913	pc	PCDS96BASE
22804	5914	pc	PCDRTS_RTS
22805	5915	pc	PCDICL_MSK
22806	5916	pc	PCDPF_SCP
22807	5917	pc	PCCHANGONE
22808	5918	pc	PCAUHLPG
22809	5919	pc	PCBADNOOWN
22810	591a	pc	PCNUSIG
22811	591b	pc	PCNUHRWD
22812	591c	pc	PCNOISTRM
22813	591d	pc	PCNOFTBN
22814	591e	pc	PCTEDB
22815	591f	pc	PCDDFNBLNK
22816	5920	pc	PCDDFNIBBLE
22817	5921	pc	PCDDFMAP
22818	5922	pc	PCDMNBSTAT
22819	5923	pc	PCNUDBERR

22820	5924	pc	PCPSPRT_GP
22821	5925	pc	PCPSX25LN
22822	5926	pc	PCPSTRUNKS
22823	5927	pc	PCLAPBSUB
22824	5928	pc	PCDLIN
22825	5929	pc	PCDPBX
22827	592b	pc	PCLS6_LNK
22830	592e	pc	PCCNDERROR
22831	592f	pc	PCDGRP_RI
22832	5930	pc	PCRI_DGRP
22833	5931	pc	PCISMANBUS
22834	5932	pc	PCPSX75TRK
22838	5936	pc	PCFCHPT
22839	5937	pc	PCFPCDA
22841	5939	pc	PCODPSOP
22842	593a	pc	PCPSL2THRS
22843	593b	pc	PCPSTRK_L2
22844	593c	pc	PCPQCLRD
22845	593d	pc	PCTEILA
22846	593e	pc	PCPHDATAPROB
22847	593f	pc	PCLGRPMEM
22848	5940	pc	PCBADTMSLNK
22856	5948	pc	PCTBLNOMTCH
22857	5949	pc	PCUXPCPID
22858	594a	pc	PCTSDBBITBAD
22859	594b	pc	PCUSRCPH
22860	594c	pc	PCCDBPURGE
22861	594d	pc	PC1PCBLA
22862	594e	pc	PCDQPHPIPE
22863	594f	pc	PCACCBCH
22864	5950	pc	PCUPHSNK
22865	5951	pc	PCSMC7RCG_INV
22866	5952	pc	PCFPTPT
22867	5953	pc	PCDSL_EQ_CRFT
22868	5954	pc	PCPSUPIDB_CRFT
22869	5955	pc	PC1CCSNK
22870	5956	pc	PCBADSGLIST
22871	5957	pc	PCPHDB_BAD_EVENT
22872	5958	pc	PCDBRCSDALB
22873	5959	pc	PCQCLRED
22874	595a	pc	PCQCLREP
22875	595b	pc	PCINVUSER
22876	595c	pc	PCBAD_NTSTATE
22877	595d	pc	PCDEA_ALLOW
22878	595e	pc	PCCHKUDSL
22879	595f	pc	PCCSO_NT
22880	5960	pc	PCPSL3TRKG
22881	5961	pc	PCINVMUSIC
22882	5962	pc	PCBADMTPTBL
22883	5963	pc	PCPTMTPLNK
22884	5964	pc	PCSMTPCCPH
22885	5965	pc	PCLCCDS
22886	5966	pc	PCLCHDS
22887	5967	pc	PCLDSCH
22888	5968	pc	PCDIDDS1
22889	5969	pc	PCDIDPIDB
22890	596a	pc	PCLDSCC
22891	596b	pc	PCIDLCCBLST
22892	596c	pc	PCLPTDS
22893	596d	pc	PCLDSPT
22894	596e	pc	PCDDS0B
22895	596f	pc	PCDS12RT
22896	5970	pc	PCRT2DS1
22898	5972	pc	PCDPIDB_PT
22899	5973	pc	PCDS1_PT
22900	5974	pc	PCINVMANN
22901	5975	pc	PCINVMTRK
22902	5976	pc	PCMTPCBLAERR
22903	5977	pc	PCINVPHSNKDS
22904	5978	pc	PCCKTPORT
22905	5979	pc	PCRT_LAPD
22906	597a	pc	PCRTILA

22907	597b	pc	PCRTLB
22908	597c	pc	PCAPDU
22909	597d	pc	PCMALLOC
22910	597e	pc	PCRTMSGBUF
22911	597f	pc	PCPSBADDATA
22912	5980	pc	PCPSBADPARM
22913	5981	pc	PC_RBLIM
22914	5982	pc	PCBADMALLOC
22915	5983	pc	PCBADFREE
22916	5984	pc	PCAUATEILA
22917	5985	pc	PCAUARTLB
22918	5986	pc	PCAUAPDU
22919	5987	pc	PCAUMALLOC
22920	5988	pc	PCAURTMSGBUF
22922	598a	pc	PCAUPCBLA
22923	598b	pc	PCCMRSAPDU
22924	598c	pc	PCCOMMSG
22925	598d	pc	PCK2CKMSG
22926	598e	pc	PCSUMSG
22931	5993	pc	PCDUNIT_CKT
22932	5994	pc	PCDLNK_USE
22933	5995	pc	PCINVNPMSG
22935	5997	pc	PCD303RT2DS1
22936	5998	pc	PCIDPORT
22938	599a	pc	PCRTMISC
22939	599b	pc	PCS96EQP
22940	599c	pc	PCUNIT_CKT
22941	599d	pc	PCUNITDATA
22942	599e	pc	PCPORTLA
22946	59a2	pc	PCEBSTATE
22947	59a3	pc	PCEBSPRET
22948	59a4	pc	PCEBFGERR
22949	59a5	pc	PCDRSMNTS
22950	59a6	pc	PCANGCCB
22951	59a7	pc	PCANGACT
22952	59a8	pc	PCANGDEACT
22953	59a9	pc	PCDANGNACT
22954	59aa	pc	PCDANGDEACT
22955	59ab	pc	PCRLSNGDEACT
22956	59ac	pc	PCUNEXACT
22957	59ad	pc	PCUNEXDACT
22958	59ae	pc	PCDGNGCCB
22959	59af	pc	PCVPANGCCB
22960	59b0	pc	PCVPANGT_C
22961	59b1	pc	PCDANGT_C
22962	59b2	pc	PCDGNGTRANS
22963	59b3	pc	PCNGVPA_STAT
22964	59b4	pc	PCACTNG_T_C
22965	59b5	pc	PCNACT
22966	59b6	pc	PCNDACT
22967	59b7	pc	PCDRSM2HTU
22968	59b8	pc	PCDMMOPDB
22969	59b9	pc	PCDAS_MON
22970	59ba	pc	PCDLS_MON
22971	59bb	pc	PCDGLSHIST
22972	59bc	pc	PCDDSC3PIDB
22973	59bd	pc	PCMHIPIE
22974	59be	pc	PCAUDPB
22975	59bf	pc	PCRCGBAD
22976	59c0	pc	PCCGDS
22977	59c1	pc	PCDMHIPIE
22978	59c2	pc	PCINVLD_DATA
22979	59c3	pc	PCBADTONE
22980	59c4	pc	PCCLOP_TONE
22981	59c5	pc	PC_PTDATA
22982	59c6	pc	PC_FCPORT
22983	59c7	pc	PC_CKDATA
22984	59c8	pc	PCCKRDFL
22985	59c9	pc	PCINSGDB
22986	59ca	pc	PCBADPIDBTS
22987	59cb	pc	PCDNLI_LNK
22989	59cd	pc	PCNOMASTER

22990	59ce	pc	PCDQPORT
22991	59cf	pc	PCQPHPIPE_ERR
22992	59d0	pc	PCCREATEFAIL
22993	59d1	pc	PCINVBURGENT
22995	59d3	pc	PCPRISTAT
22996	59d4	pc	PCPRIDALB
22997	59d5	pc	PCLNKAPDU
22998	59d6	pc	PCAUDALB
22999	59d7	pc	PCCCSQFAIL
23000	59d8	pc	PCINVPGM
23006	59de	pc	PCDESTROY
23007	59df	pc	PCMH_UNIT
23008	59e0	pc	PCDMH_UNIT
23009	59e1	pc	PCDVPIDB_F
23010	59e2	pc	PCVPIDB_F
23011	59e3	pc	PCUNKTSKTYP
23012	59e4	pc	PCLBINPRG
23013	59e5	pc	PCINMODE
23014	59e6	pc	PCDLNK_PLI
23015	59e7	pc	PCLNK_PLI
23016	59e8	pc	PCUNITMH
23017	59e9	pc	PCPTDBOWN
23018	59ea	pc	PCDPLI_LNK
23019	59eb	pc	PCUNEXP_DATA
23020	59ec	pc	PCCQBGONE
23021	59ed	pc	PCACCP
23022	59ee	pc	PCDBRDFAIL
23023	59ef	pc	PCDCCBCOM
23030	59f6	pc	PCGDSFPICBERR
23031	59f7	pc	PCGQINDXOOR
23032	59f8	pc	PCMBOXBAD
23033	59f9	pc	PCINVGMBX
23034	59fa	pc	PCINVALREPLY
23035	59fb	pc	PCLCGSSMASK
23036	59fc	pc	PCDAIGSDB
23037	59fd	pc	PCDGLK
23038	59fe	pc	PCINVCKTNM
23041	5a01	pc	PCMTBADSN
23042	5a02	pc	PCMTUNKSND
23043	5a03	pc	PCBADPMH
23044	5a04	pc	PCAUULLM_RDT
23045	5a05	pc	PCRD2UNIT
23046	5a06	pc	PCUNIT2RDT
23047	5a07	pc	PCDCKT2GRP
23048	5a08	pc	PCDF_VPIDB
23049	5a09	pc	PCF_VPIDB
23050	5a0a	pc	PCDAPP2TSP
23051	5a0b	pc	PCDTSP2APP
23052	5a0c	pc	PCDRDTCPDAT
23053	5a0d	pc	PCDRD2UNIT
23054	5a0e	pc	PCXRDTCPDAT
23056	5a10	pc	PCCHKUCFG
23057	5a11	pc	PCDTRCUPATH
23058	5a12	pc	PCAUUNIT2RDT
23059	5a13	pc	PCGETRESTRMTR
23060	5a14	pc	PCLBRGCC
23061	5a15	pc	PCCTONEBAD
23063	5a17	pc	PCBRGDBGONE
23065	5a19	pc	PCACCBRG
23066	5a1a	pc	PCPHTSFrag
23067	5a1b	pc	PCABRGCC
23068	5a1c	pc	PCSCCBRG
23069	5a1d	pc	PCLCCBRG
23070	5a1e	pc	PCBADBRGDB
23071	5a1f	pc	PCIBRGDB
23072	5a20	pc	XPCOSWGT
23073	5a21	pc	PCRDPORT
23074	5a22	pc	PCBADPORT
23075	5a23	pc	PCRCGXDP
23076	5a24	pc	PCRSTCLU
23077	5a25	pc	PCDPC_STAT
23078	5a26	pc	PCRSTXLIST

23079	5a27	pc	PCCRDBXLIST
23080	5a28	pc	PCXDPCXLIST
23200	5aa0	rta	RTAUNONE
23201	5aa1	rta	RTAUTKQUE
23202	5aa2	rta	RTAUTKOWNER
23203	5aa3	rta	RTTMBLT
23204	5aa4	rta	RTAULNSTAT
23205	5aa5	rta	RTAULGLNSTAT
23206	5aa6	rta	RTAURTMHG
23207	5aa7	rta	RTAUCTDATA
23208	5aa8	rta	RTAUPCBLA
23209	5aa9	rta	RTFACMISSING
23210	5aaa	rta	RTAUPORTLA
23211	5aab	rta	RTAULGSFSTAT
23212	5aac	rta	RTRT_SFG
23213	5aad	rta	RTRDLNSTAT
23214	5aae	rta	RTDEFSFG
23215	5aaf	rta	RTAUSFSTAT
23216	5ab0	rta	RTAUTKSTAT
23217	5ab1	rta	RTAULGTKSTAT
23218	5ab2	rta	RTAURTTRKG
23219	5ab3	rta	RTAURTMUPH
23220	5ab4	rta	RTAUDESTROY
23221	5ab5	rta	AURAST21
23222	5ab6	rta	RTAURCVMSG
23223	5ab7	rta	RTSCALTM
23224	5ab8	rta	RTSCFLTM
23225	5ab9	rta	RTQUOGTOS
23226	5aba	rta	RTRTMWCF
23227	5abb	rta	RTAUDLTBDB
23228	5abc	rta	RTAULTSTAT
23229	5abd	rta	RTLTSPBPORT
23230	5abe	rta	RTICRDBERR
23232	5ac0	rta	RTAUQUOGTOS
23233	5ac1	rta	RTAUQOOGT
23234	5ac2	rta	RTAUQMOGT
23235	5ac3	rta	RTSCRLTM
23236	5ac4	rta	RTSDALTM
23237	5ac5	rta	RTICITK
23239	5ac7	rta	RTIECP_BAD
23240	5ac8	rta	RTPSBILLDN
23241	5ac9	rta	RTPSRIPSN
23242	5aca	rta	RTSLEPROCERR
23243	5acb	rta	RTFCTRUNK
23244	5acc	rta	RTMSGBAD
23245	5acd	rta	RTDATABAD
23246	5ace	rta	RTINSTFAC
23247	5acf	rta	RTPVCINF
23248	5ad0	rta	RTSLELENGTHERR
23249	5ad1	rta	RTSLEDEFAULT
23250	5ad2	rta	RTPVCFCL_BAD
23251	5ad3	rta	RTPVCRDN
23252	5ad4	rta	RT_NOISMPH
23253	5ad5	rta	ARCRTCF1
23254	5ad6	rta	RTOFFICE
23255	5ad7	rta	RTPSMHG
23256	5ad8	rta	RTPSPRT
23257	5ad9	rta	ARCRTCF2
23258	5ada	rta	RTISATMP
23259	5adb	rta	RTPTTOGP

11. 5E14 Numeric Index: 23260-23629

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23260	5adc	rta	RTFCPTYP
23261	5add	rta	RTAAR_GP
23262	5ade	rta	RTATHPRT
23263	5adf	rta	RTPRIGRP
23264	5ae0	rta	RTPRIFACS
23265	5ae1	rta	RTASP_LTM
23266	5ae2	rta	RTNS_TRIG

23267	5ae3	rta	RTAUCPLR
23268	5ae4	rta	RTILACDT
23269	5ae5	rta	RTBREQ_INV
23270	5ae6	rta	RTCTVRWRG
23271	5ae7	rta	RTATTMBL
23272	5ae8	rta	RTINHUNTKEYS
23273	5ae9	rta	RTINKEYLIST
23274	5aea	rta	RTINTRKG
23275	5aeb	rta	RTINTKOWNER
23276	5aec	rta	RTINTKSTAT
23277	5aed	rta	RTINLGTKSTAT
23278	5aee	rta	RTINQKEYPORT
23279	5aef	rta	RTINPRT_GRP
23280	5af0	rta	RTINTQUE
23281	5af1	rta	RTINTOWNQUE
23282	5af2	rta	RTINMHG
23283	5af3	rta	RTINLNSTAT
23284	5af4	rta	RTINLGLNSTAT
23285	5af5	rta	RTDEFMLHG
23286	5af6	rta	RTDEFTRKG
23287	5af7	rta	RTDEFQKEYPRT
23288	5af8	rta	RTDEFHUNTTYP
23289	5af9	rta	RTINRTMUPHST
23290	5afa	rta	RTAUQM_MLHG
23291	5afb	rta	RTAUQO_MLHG
23292	5afc	rta	RTMCTR
23293	5afd	rta	RTAUPOSDB
23294	5afe	rta	RTINTRARSM
23295	5aff	rta	RTSFGCOR
23296	5b00	rta	RTDELFAC
23297	5b01	rta	RTPPFAC1
23298	5b02	rta	RTIDSIDLE
23299	5b03	rta	RTMODATT
23300	5b04	rta	RTINNQM_MLHG
23301	5b05	rta	RTINQO_MLHG
23302	5b06	rta	RTINQU_OS
23303	5b07	rta	RTAUDPB
23304	5b08	rta	RTAUDALB
23305	5b09	rta	RTINQM_OGT
23306	5b0a	rta	RTINQO_OGT
23307	5b0b	rta	RTINQT_OGTOS
23308	5b0c	rta	RTPG_TERM_LP
23309	5b0d	rta	RTRMSFAIL
23310	5b0e	rta	RTBTMREQ
23311	5b0f	rta	RTAMUXMG
23312	5b10	rta	RTAMBMSG
23313	5b11	rta	RTGPSF
23314	5b12	rta	RTTG
23315	5b13	rta	RTINPSPRT_GP
23316	5b14	rta	RTAUBRCSDB
23317	5b15	rta	RTAULTMSTAT
23318	5b16	rta	RTAUTEDB
23319	5b17	rta	RTRTSATLN
23320	5b18	rta	RTSMFACUP
23321	5b19	rta	RTAUATTH_BLF
23322	5b1a	rta	RTAUATTM_BLF
23323	5b1b	rta	RTAULDAT_BLF
23324	5b1c	rta	RTAUMODH_BLF
23325	5b1d	rta	RTAUMODM_BLF
23326	5b1e	rta	RTAUREPLYBLF
23327	5b1f	rta	RTMASK_BLF
23328	5b20	rta	RTMONI_BLF
23329	5b21	rta	RTRTDNMOD
23330	5b22	rta	RTTREE_BLF
23331	5b23	rta	RTRDLGLNSTAT
23332	5b24	rta	RTINISATUCD
23333	5b25	rta	RTAUQO_ICI
23334	5b26	rta	RTAUQ_ISAT
23335	5b27	rta	RTATGRP
23336	5b28	rta	RTBKYPM
23337	5b29	rta	RTICRSTERR
23338	5b2a	rta	RTICRLSTERR

23339	5b2b	rta	RTICRERR
23340	5b2c	rta	RTICRLG_S_SFG
23341	5b2d	rta	RTICRS_LG_SFG
23342	5b2e	rta	RTICRMGAMA
23343	5b2f	rta	RTICRMGERR
23344	5b30	rta	RTICRPCBLA
23345	5b31	rta	RTDSLEQP
23346	5b32	rta	RTAUDMDISPDB
23347	5b33	rta	RTAUDMBRCADB
23348	5b34	rta	RTAUDMDALB
23349	5b35	rta	RTINMEM
23350	5b36	rta	RTINLGMEM
23351	5b37	rta	RTAUTEILA
23352	5b38	rta	RTACSOPT
23353	5b39	rta	RTASOPCGB
23354	5b3a	rta	RTIVGPLASS
23355	5b3b	rta	RTGPRMLASS
23356	5b3c	rta	RTIVLASSACS
23357	5b3d	rta	RTFCLINE
23358	5b3e	rta	RTFCTRK
23359	5b3f	rta	RTFEATBN
23360	5b40	rta	RTGPTOPT
23361	5b41	rta	RTHNTKYS
23362	5b42	rta	RTICMTRM
23363	5b43	rta	RTCHRGIDXEXP
23364	5b44	rta	RTCLIDAT
23365	5b45	rta	RTSCRNING
23366	5b46	rta	RTRTROUTING
23367	5b47	rta	RTNSFMAP
23368	5b48	rta	RT_ICR
23369	5b49	rta	RTICXICI
23370	5b4a	rta	RTIDPACT
23371	5b4b	rta	RTIDPGP
23372	5b4c	rta	RTIDPPRT
23373	5b4d	rta	RTISACOF
23374	5b4e	rta	RTISTGRP
23375	5b4f	rta	RTISTLMT
23376	5b50	rta	RTISTMBR
23377	5b51	rta	RTISTMOD
23378	5b52	rta	RTISDTGS
23379	5b53	rta	RTISCCOF
23380	5b54	rta	RTISTGDX
23381	5b55	rta	RTISMBLS
23382	5b56	rta	RTISLINE
23383	5b57	rta	RTISTERM
23384	5b58	rta	RTLPT_PT
23385	5b59	rta	RTLPTSPD
23386	5b5a	rta	RTLTSBPT
23387	5b5b	rta	RTMSKBLF
23388	5b5c	rta	RTMHGCF
23389	5b5d	rta	RT_NAIL_UP
23390	5b5e	rta	RTOFFCDE
23391	5b5f	rta	RTPFSLCP
23392	5b60	rta	RTPP_CF
23393	5b61	rta	RTPPLTM
23394	5b62	rta	RTPPTRUNK
23395	5b63	rta	RTEDSLGPRT
23396	5b64	rta	RTPOLY
23397	5b65	rta	RTRTPPSCRN
23398	5b66	rta	RTSPECRI
23399	5b67	rta	RTILHB
23400	5b68	rta	RTRT_MHG
23401	5b69	rta	RT_FIXRI
23402	5b6a	rta	RTPSX25LN
23403	5b6b	rta	RTODPSOP
23404	5b6c	rta	RTRT_TRKG
23405	5b6d	rta	RTLTM_PORT
23406	5b6e	rta	RTSCM_NSCM
23407	5b6f	rta	RTEXMCBSZ
23408	5b70	rta	RTCOMPFAIL
23409	5b71	rta	RTCNDATA
23410	5b72	rta	RTREASON

23411	5b73	rta	RTNOTKQ
23412	5b74	rta	RTBADHTYP
23413	5b75	rta	RTRKMOD
23414	5b76	rta	RTOLHB
23415	5b77	rta	RTLPTYFAIL
23416	5b78	rta	RTARCRBKFL
23417	5b79	rta	RTEDN
23418	5b7a	rta	RTRCTK1GR
23419	5b7b	rta	RTDBRD_FAIL
23420	5b7c	rta	RTMSG_INV
23421	5b7d	rta	RTUNKWN_MSG
23422	5b7e	rta	RTRCTK2GR
23423	5b7f	rta	RTRCTK3GR
23424	5b80	rta	RTRCDLT1
23425	5b81	rta	RTRCDLT2
23426	5b82	rta	RTRCDFI1
23427	5b83	rta	RTRCDFI2
23428	5b84	rta	RTRCDFI3
23429	5b85	rta	RTRCITK1
23430	5b86	rta	RTRCITK2
23431	5b87	rta	RTRCITK3
23432	5b88	rta	RTRCITK4
23433	5b89	rta	RTRCTGR1
23434	5b8a	rta	RTRCTGR2
23435	5b8b	rta	RTRCTGR3
23436	5b8c	rta	RTRCRLG1
23437	5b8d	rta	RTPREC_LEV
23438	5b8e	rta	RTPRM_TYPE_UNK
23439	5b8f	rta	RTILLSTCHG
23440	5b90	rta	RTRLFC_PORTTYP
23441	5b91	rta	RTTMPPORTCOND
23443	5b93	rta	RTDAFFCOPC_INV
23444	5b94	rta	RTDAFSPOPC_INV
23445	5b95	rta	RTASRT01
23446	5b96	rta	RTASRT02
23447	5b97	rta	RTASRT03
23448	5b98	rta	RTASRT04
23449	5b99	rta	RTASRT05
23450	5b9a	rta	RTASRT06
23451	5b9b	rta	RTFL_DBRD
23452	5b9c	rta	RTINV_PARAM
23453	5b9d	rta	RTRCRLG2
23454	5b9e	rta	RTRCRLG3
23455	5b9f	rta	RTRCAFI1
23456	5ba0	rta	RTNO_PRIQ
23457	5ba1	rta	RTSND_MSG_FL
23458	5ba2	rta	RTQTYTYP_INV
23459	5ba3	rta	RTRTSEQ_INV
23460	5ba4	rta	RTDD1ALNK
23461	5ba5	rta	RTDD2ALNK
23462	5ba6	rta	RTAMLNKR
23463	5ba7	rta	RTUNKORIG
23464	5ba8	rta	RTUNKSTAT
23465	5ba9	rta	RTUNKMFIL
23466	5baa	rta	RTDD1IMAB
23467	5bab	rta	RTDD2IMAB
23468	5bac	rta	RTQTYTYP
23469	5bad	rta	RTCMDTYPE
23471	5baf	rta	RTFEATNOTSUP
23472	5bb0	rta	RTDD1SMAB
23473	5bb1	rta	RTSMNT
23474	5bb2	rta	RTDD1STF
23475	5bb3	rta	RTFCAUTH
23476	5bb4	rta	RTCAMPPOINT
23477	5bb5	rta	RTCLMATEQ
23478	5bb6	rta	RTTEPUCLMA
23479	5bb7	rta	RTOFHPFAP
23480	5bb8	rta	RTOFHPTYP
23481	5bb9	rta	RTONHPTYP
23482	5bba	rta	RTONHPFAP
23483	5bbb	rta	RTP_EPTYPE
23484	5bbc	rta	RTPEPTYPE

23485	5bbd	rta	RTRRCOS
23486	5bbe	rta	RTBADMATE
23487	5bbf	rta	RTBADRTSTATE
23488	5bc0	rta	RTACB_DBRDFL
23489	5bc1	rta	RTNO_GPORT
23490	5bc2	rta	RTBV_DBRDFL
23491	5bc3	rta	RTPTYP_RDFL
23492	5bc4	rta	RTBVNOT_LD
23493	5bc5	rta	RTGTNOT_LD
23494	5bc6	rta	RTDLTNOT_LD
23495	5bc7	rta	RTPF_DBRDFL
23496	5bc8	rta	RTRTNOT_LD
23497	5bc9	rta	RTFID_NO_MATCH
23498	5bca	rta	RTRAFTNOT_LD
23499	5bcb	rta	RTTMT_DBRDFL
23500	5bcc	rta	RTATH_RLID
23501	5bcd	rta	RTGI_BAD_DATA
23502	5bce	rta	RTUEXP_RET
23503	5bcf	rta	RTMP_UEXP_RET
23504	5bd0	rta	RTRB_UEXP_RET
23505	5bd1	rta	RTRINORMS_D3
23506	5bd2	rta	RTRIBAD_RET
23507	5bd3	rta	RTRIINV_RET
23508	5bd4	rta	RTNORMS_D3
23509	5bd5	rta	RTRIRET_BAD
23510	5bd6	rta	RTRNCBAD_RET
23511	5bd7	rta	RTGENSCA
23512	5bd8	rta	RTGENSCF
23513	5bd9	rta	RTGENSCR
23514	5bda	rta	RTGENSDA
23515	5bdb	rta	RTLSFSCA
23516	5bdc	rta	RTLSFSCF
23517	5bdd	rta	RTLSFSCR
23518	5bde	rta	RTLSFSDA
23519	5bdf	rta	RTLSFHCA
23520	5be0	rta	RTLSFHCF
23521	5be1	rta	RTLSFHCR
23522	5be2	rta	RTLSFHDA
23523	5be3	rta	RTDNFEAT
23524	5be4	rta	RTDNBFG
23525	5be5	rta	RTTG_CF
23526	5be6	rta	RTRT_DNTRAN
23527	5be7	rta	RTRTDNMHG
23528	5be8	rta	RTLSF_CF
23529	5be9	rta	RTSHTERM
23530	5bea	rta	RTHI_CF
23531	5beb	rta	RTTG2ATT
23532	5bec	rta	RTUCLPMP
23533	5bed	rta	RTPHOOS1
23534	5bee	rta	RT_WRONGMSG
23535	5bef	rta	RTWRONG_RET
23536	5bf0	rta	RTTMBLST
23537	5bf1	rta	RTISTMBLST
23538	5bf2	rta	RTRCAFI2
23539	5bf3	rta	RTRMBLST
23540	5bf4	rta	RTAUBADRD
23541	5bf5	rta	RTINPPLNST
23542	5bf6	rta	RTINPPLLNST
23543	5bf7	rta	RTINPPTKST
23544	5bf8	rta	RTINPPLTKST
23545	5bf9	rta	RTISRMBLST
23546	5bfa	rta	RTRMBLST
23547	5bfb	rta	RT_ISRMBLST
23548	5bfc	rta	RT_BIKYPM
23549	5bfd	rta	RTE9_PSAP
23550	5bfe	rta	RTRT_TGBL
23551	5bff	rta	RTSFGINV
23552	5c00	rta	RTE9BADOP
23553	5c01	rta	RTBADESNE9
23554	5c02	rta	RTBADBMAPE9
23555	5c03	rta	RTE9INVMSG
23556	5c04	rta	RTDUINTERR

23557	5c05	rta	RTDUDALOG
23558	5c06	rta	RTEDSLTRKG
23559	5c07	rta	RTBOSSERR
23560	5c08	rta	RTDNVTERR
23561	5c09	rta	RTLASSMSG
23562	5c0a	rta	RTE9BADSF
23563	5c0b	rta	RTRT_MCRT
23564	5c0c	rta	RTTRMFEAT
23565	5c0d	rta	RTATCF
23566	5c0e	rta	RTID_PORT
23567	5c0f	rta	RTACCT_GP
23568	5c10	rta	RTRT_MEM
23569	5c11	rta	RT_LGMEM
23570	5c12	rta	RTNTSRV1
23571	5c13	rta	RTNTSRV2
23572	5c14	rta	RTNTSESPP
23573	5c15	rta	RTPREWL
23574	5c16	rta	RTTODAM1
23575	5c17	rta	RTTODSM1
23576	5c18	rta	RTTRIGWL
23577	5c19	rta	RTLSBCW
23578	5c1a	rta	RTLSBDB
23579	5c1b	rta	RTLSBSPP
23580	5c1c	rta	RTPTTOLP
23581	5c1d	rta	RTAUNLTSTAT
23582	5c1e	rta	RTRCLTSB
23583	5c1f	rta	RTAUDNLTBDB
23584	5c20	rta	RTCAMAI1
23585	5c21	rta	RTCAMAI2
23586	5c22	rta	RTCMSUS1
23587	5c23	rta	RTCMSUS2
23588	5c24	rta	RTCAMAQ1
23589	5c25	rta	RTCAMAQ2
23590	5c26	rta	RTONISTA
23591	5c27	rta	RTRSMCAM
23592	5c28	rta	RTSTATC1
23593	5c29	rta	RTSTATC2
23594	5c2a	rta	RTMSGCAMA
23595	5c2b	rta	RTJ071_1
23596	5c2c	rta	RTJ071_2
23597	5c2d	rta	RTJ071_3
23598	5c2e	rta	RTJ071_4
23599	5c2f	rta	RTFTRKEY
23600	5c30	rta	RTRT_TGID
23601	5c31	rta	RTRTDNMPG
23602	5c32	rta	RTMAIN
23603	5c33	rta	RTRTGIN1
23604	5c34	rta	RTUPLAMP
23605	5c35	rta	RTIMMSGC
23606	5c36	rta	RTISATC1
23607	5c37	rta	RTISATC2
23608	5c38	rta	RTMGPRC1
23609	5c39	rta	RTGENIN1
23610	5c3a	rta	RTGENIN2
23611	5c3b	rta	RTAMINT1
23612	5c3c	rta	RTGENDS1
23613	5c3d	rta	RTNWDSC1
23614	5c3e	rta	RTTMMMSG1
23615	5c3f	rta	RTTMMMSG2
23616	5c40	rta	RTTERMGI
23617	5c41	rta	RTACBMGI
23618	5c42	rta	RTBUSYF1
23619	5c43	rta	RTCREAT2
23620	5c44	rta	RTAUNCKTDATA
23621	5c45	rta	RTBVBCH1
23622	5c46	rta	RTTERM1SPP
23623	5c47	rta	RTCREAT1
23624	5c48	rta	RTFAILM1
23625	5c49	rta	RTGENTM1
23626	5c4a	rta	RTIDLEF1
23627	5c4b	rta	RTLINETM
23628	5c4c	rta	RTSPAWN1

23629	5c4d	rta	RTTERM2SPP

12. 5E14 Numeric Index: 23630-24349

ERROR CODE	PRM CODE	RANGE	MNEMONIC
23630	5c4e	rta	RTAU4PCBLA
23631	5c4f	rta	RTAU4PORTLA
23632	5c50	rta	RTTERM3SPP
23633	5c51	rta	RTTERM8SPP
23634	5c52	rta	RTTERM4SPP
23635	5c53	rta	RTTERM9SPP
23636	5c54	rta	RTTERM5SPP
23637	5c55	rta	RTTERM6SPP
23638	5c56	rta	RTTERM7SPP
23639	5c57	rta	RTRTGIN2
23640	5c58	rta	RTNUSPP1
23641	5c59	rta	RTNUSPP2
23642	5c5a	rta	RTNUSPP4
23643	5c5b	rta	RTNUSPP3
23644	5c5c	rta	RTNUCON1
23645	5c5d	rta	RTNUCON2
23646	5c5e	rta	RTNUROU1
23647	5c5f	rta	RTNUSDF1
23648	5c60	rta	RTS96DFI
23649	5c61	rta	RTNUSMS1
23650	5c62	rta	RTNUSMS2
23651	5c63	rta	RTNUSMS4
23652	5c64	rta	RTNUSMS3
23653	5c65	rta	RTNUSMT1
23654	5c66	rta	RTNUSMT2
23655	5c67	rta	RTNUMON1
23656	5c68	rta	RTAUNPORTLA
23657	5c69	rta	RTAU3PORTLA
23658	5c6a	rta	RTARCB1
23659	5c6b	rta	RTARCB2
23660	5c6c	rta	RTARCHNT
23661	5c6d	rta	RTARCTG1
23662	5c6e	rta	RTAUNRTMHG
23663	5c6f	rta	RTAUICITK
23664	5c70	rta	RTARCSP1
23665	5c71	rta	RTARCSP2
23666	5c72	rta	RTARCSP3
23667	5c73	rta	RTDNRTG1
23668	5c74	rta	RTDNRTG2
23669	5c75	rta	RTQKEYPT
23670	5c76	rta	RTUNBATERR
23671	5c77	rta	RTSFGSERR
23672	5c78	rta	RTOUTSAERR
23673	5c79	rta	RTBCERR
23674	5c7a	rta	RTUPDHKYS
23675	5c7b	rta	RTCF_LTM
23676	5c7c	rta	RTE9_BADDN
23677	5c7d	rta	RTINMUPH
23678	5c7e	rta	RTST2VPIDB
23679	5c7f	rta	RTBFGPORT
23680	5c80	rta	RTWBTBLOCK
23681	5c81	rta	RTCKTDATA
23682	5c82	rta	RTSEADREQ
23683	5c83	rta	RTFSMOOR
23684	5c84	rta	RTFSBHTYP
23685	5c85	rta	RTPDBDCNT
23686	5c86	rta	RTRERRBC
23687	5c87	rta	RTDSLSP
23688	5c88	rta	RTATHTRG
23689	5c89	rta	RTTRACSRC
23690	5c8a	rta	RTCCSV1
23691	5c8b	rta	RTPCINT1
23692	5c8c	rta	RTJMPTS1
23693	5c8d	rta	RTREHNT2
23694	5c8e	rta	RTREHNT3
23695	5c8f	rta	RTMSUSP1

23696	5c90	rta	RTMSUSP2
23697	5c91	rta	RTMSUSP3
23698	5c92	rta	RTMSUSP4
23699	5c93	rta	RTTMDSC1
23700	5c94	rta	RTTMPST1
23701	5c95	rta	RTTMINT1
23702	5c96	rta	RTPDNTR1
23703	5c97	rta	RTPSTDN1
23704	5c98	rta	RTPSTDN2
23705	5c99	rta	RTTKMEM1
23706	5c9a	rta	RTTKBSY1
23707	5c9b	rta	RTNMPSTHTFAIL
23708	5c9c	rta	RTTKHNT1
23709	5c9d	rta	RTTKHNT2
23710	5c9e	rta	RTTKSPR1
23711	5c9f	rta	RTBFMLG1
23712	5ca0	rta	RTLNDQU1
23713	5ca1	rta	RTLNQST1
23714	5ca2	rta	RTLNQST2
23715	5ca3	rta	RTLNQST3
23716	5ca4	rta	RTMLGDP1
23717	5ca5	rta	RTMLGHT1
23718	5ca6	rta	RTRTGCN2
23719	5ca7	rta	RTADDTQ1
23720	5ca8	rta	RTENQTM1
23721	5ca9	rta	RTOFHEQ1
23722	5caa	rta	RTRBKPS1
23723	5cab	rta	RTRBKPS2
23724	5cac	rta	RTTKIDL1
23725	5cad	rta	RTTKQCN1
23726	5cae	rta	RTTKQSL1
23727	5caf	rta	RTQKYST1
23728	5cb0	rta	RTTKFST1
23729	5cb1	rta	RTTKQMS1
23730	5cb2	rta	RTTKQUP1
23731	5cb3	rta	RTAPVBHT
23732	5cb4	rta	RTAPVBPT
23733	5cb5	rta	RTAPBBHT
23734	5cb6	rta	RTIPVBHT
23735	5cb7	rta	RTIPVBPT
23736	5cb8	rta	RTRERTBM
23737	5cb9	rta	RTQDLAPB
23738	5cba	rta	RTDGC VX
23739	5cbb	rta	RTOFHKE1
23740	5cbc	rta	RTOFHKE3
23741	5cbd	rta	RTONHKE1
23742	5cbe	rta	RTROUTBP
23743	5cbf	rta	RTRQBCR1
23744	5cc0	rta	RTUPER1
23745	5cc1	rta	RTUPER2
23746	5cc2	rta	RTDRVER1
23747	5cc3	rta	RTDRVER2
23748	5cc4	rta	RTATHRRL
23749	5cc5	rta	RTBGRPBH
23750	5cc6	rta	RTDSHBHT
23751	5cc7	rta	RTEHKBSA
23752	5cc8	rta	RTHKSUBBS
23753	5cc9	rta	RTHKFCORC
23754	5cca	rta	RTHKBHKT
23755	5ccb	rta	RTHKBKST
23756	5ccc	rta	RTIGPBHT
23757	5ccd	rta	RTISDBST
23758	5cce	rta	RTISHBAC
23759	5ccf	rta	RTISHBHT
23760	5cd0	rta	RTMBYBHT
23761	5cd1	rta	RTMDLBHT
23762	5cd2	rta	RTPTAVOOR
23763	5cd3	rta	RTPTABHT
23764	5cd4	rta	RTPTABPT
23765	5cd5	rta	RTPTBOOR
23766	5cd6	rta	RTPTBBHT
23767	5cd7	rta	RTPTBBPT

23768	5cd8	rta	RTPTBRC
23769	5cd9	rta	RTSCFBPT
23770	5cda	rta	RTSCFBHT
23771	5cdb	rta	RTSFSBHT
23772	5cdc	rta	RTSHTBHT
23773	5cdd	rta	RTTKSBHT
23774	5cde	rta	RTUPIOOR
23775	5cdf	rta	RTUPUCBS
23776	5ce0	rta	RTBSYMLG
23777	5ce1	rta	RTIDLES1
23778	5ce2	rta	RTIDLES2
23779	5ce3	rta	RTIDLES3
23780	5ce4	rta	RTSEL6P1
23781	5ce5	rta	RTSFGST1
23782	5ce6	rta	RTSFREL1
23783	5ce7	rta	RTSFGSV1
23784	5ce8	rta	RTADDLQ1
23785	5ce9	rta	RTADDLQ2
23786	5cea	rta	RTAUNQM_MLHG
23787	5ceb	rta	RTCRTQT1
23788	5cec	rta	RTCRTQT2
23789	5ced	rta	RTCUSPI1
23790	5cee	rta	RTAUNQO_MLHG
23791	5cef	rta	RTAU3QM_MLHG
23792	5cf0	rta	RTDQALG1
23793	5cf1	rta	RT3QO_ICI
23794	5cf2	rta	RTDQALG2
23795	5cf3	rta	RT2QO_ICI
23796	5cf4	rta	RT2INQO_MLHG
23797	5cf5	rta	RT2Q_ISAT
23798	5cf6	rta	RTISATS1
23799	5cf7	rta	RTLMPST1
23800	5cf8	rta	RTLMPUD1
23801	5cf9	rta	RTLMPUD2
23802	5cfa	rta	RTMKLNQ1
23803	5cfb	rta	RTQTWLS1
23804	5cfc	rta	RTHKCMP
23805	5cfd	rta	RTCONVR1
23806	5cfe	rta	RTDSNTK1
23807	5cff	rta	RTINPPS1
23808	5d00	rta	RTMINSA1
23809	5d01	rta	RTPPSCR1
23810	5d02	rta	RTPPBTF1
23811	5d03	rta	RTPPBSY1
23812	5d04	rta	RTPPHNT1
23813	5d05	rta	RTPPSET1
23814	5d06	rta	RTPPSET2
23815	5d07	rta	RTRCPPS2
23816	5d08	rta	RTSETSA1
23817	5d09	rta	RTREPLY1
23818	5d0a	rta	RTAUNTEDB
23819	5d0b	rta	RTSNDTG1
23820	5d0c	rta	RTSNDTG2
23821	5d0d	rta	RTSTATH1
23822	5d0e	rta	RTSTATH2
23823	5d0f	rta	RTBLFCL1
23824	5d10	rta	RTBLFCL2
23825	5d11	rta	RTBLFCL3
23826	5d12	rta	RTBLFCL4
23827	5d13	rta	RTBLFCL5
23828	5d14	rta	RTBLFCL6
23829	5d15	rta	RTBLFMA1
23830	5d16	rta	RTBLFMG1
23831	5d17	rta	RTBTNHN1
23832	5d18	rta	RTBTNHN2
23833	5d19	rta	RTBTNHN3
23834	5d1a	rta	RTINSBF1
23835	5d1b	rta	RTINSBF2
23836	5d1c	rta	RTINSBF3
23837	5d1d	rta	RTAUNPCBLA
23838	5d1e	rta	RTAUNTEILA
23839	5d1f	rta	RTAU3PCBLA

23840	5d20	rta	RTAUNLTMSTAT
23841	5d21	rta	RTMCATE1
23842	5d22	rta	RTMCAOF1
23843	5d23	rta	RTMCAOF2
23844	5d24	rta	RTISDN1SPP
23845	5d25	rta	RTISDN2SPP
23846	5d26	rta	RTISDN3SPP
23847	5d27	rta	RTISDN4SPP
23848	5d28	rta	RTISDN5SPP
23849	5d29	rta	RTISDN6SPP
23850	5d2a	rta	RTISDN7SPP
23851	5d2b	rta	RTISDN8SPP
23852	5d2c	rta	RTISDN9SPP
23853	5d2d	rta	RTISDN10SPP
23854	5d2e	rta	RTISDN11SPP
23855	5d2f	rta	RTISDN12SPP
23856	5d30	rta	RTISDN13SPP
23857	5d31	rta	RTISDN14SPP
23858	5d32	rta	RTISDN15SPP
23859	5d33	rta	RTISDN16SPP
23860	5d34	rta	RTISDN17SPP
23861	5d35	rta	RTAUNLGTKSTAT
23862	5d36	rta	RTISDN18SPP
23863	5d37	rta	RTISDN19SPP
23864	5d38	rta	RTATCNTMSK
23865	5d39	rta	RTINVTRKG
23866	5d3a	rta	RTFCPBCOS
23867	5d3b	rta	RTINSAG1
23868	5d3c	rta	RTINPSSA
23869	5d3d	rta	RTPSINSA
23870	5d3e	rta	RTTAISP
23871	5d3f	rta	RTBLFMA2
23872	5d40	rta	RTBLFMA3
23873	5d41	rta	RTBLFMA4
23874	5d42	rta	RTBLFMA5
23875	5d43	rta	RTBLFMA6
23876	5d44	rta	RTE9_CFBADDN
23877	5d45	rta	RTPSÄPISLINE
23878	5d46	rta	RTPSAPRTMHG
23879	5d47	rta	RTBCLCF
23880	5d48	rta	RTBCLGCNT
23881	5d49	rta	RTBCLGRP
23882	5d4a	rta	RTBCLLCNT
23883	5d4b	rta	RTBCLLTM
23884	5d4c	rta	RTBCLMHTG
23885	5d4d	rta	RTBCLOPTS
23886	5d4e	rta	RTSHDNLENNR
23887	5d4f	rta	RTICMLST
23888	5d50	rta	RTMDRSFG
23889	5d51	rta	COUXPMSG
23890	5d52	rta	COREASON
23891	5d53	rta	COBADPARM
23892	5d54	rta	COUXPOSR
23893	5d55	rta	COBADHEAD
23894	5d56	rta	COLSTLIST
23895	5d57	rta	COUNLINK
23896	5d58	rta	CORELINK
23897	5d59	rta	COIMCOSTAT
23898	5d5a	rta	COTHCOSTAT
23899	5d5b	rta	COMODATT
23900	5d5c	rta	CORECOSTAT
23901	5d5d	rta	COSTCOSTAT
23902	5d5e	rta	COCPIMCOST
23903	5d5f	rta	COCPTHOST
23904	5d60	rta	COHMERROR
23905	5d61	rta	CORTMHG
23906	5d62	rta	CODSLEQUIP
23907	5d63	rta	COPXS25LN
23908	5d64	rta	COTRGFAIL
23909	5d65	rta	RTCICEX
23910	5d66	rta	RTSPCHTRKG
23911	5d67	rta	RTINVWBRATE

23912	5d68	rta	RTINVHTTYPE
23913	5d69	rta	RTACDPD1
23914	5d6a	rta	RTACDPD2
23915	5d6b	rta	RTACDQC1
23916	5d6c	rta	RTACDQC2
23917	5d6d	rta	RTACDQC3
23918	5d6e	rta	RTACDQC4
23919	5d6f	rta	RTACDQR1
23920	5d70	rta	RTGENTM2
23921	5d71	rta	RTPSTDN3
23922	5d72	rta	RTACDMG1
23923	5d73	rta	RTINVTSA
23924	5d74	rta	RTWSFSV
23925	5d75	rta	RTWSFCERR
23926	5d76	rta	RTMRSP
23927	5d77	rta	RTMRTIMER
23928	5d78	rta	RTMR_UEXP_MSG
23929	5d79	rta	RTISATLMPUP
23930	5d7a	rta	RTTGLTM
23931	5d7b	rta	RTRT_DTRTX
23932	5d7c	rta	RTRT_WBRTX
23933	5d7d	rta	RTPSU_TRKG
23934	5d7e	rta	RTMSGQFULL
23935	5d7f	rta	RTTGFMISMISSING
23936	5d80	rta	RTUEXP_SFG
23937	5d81	rta	RTANI_MISSING
23938	5d82	rta	RTLNEONSFG
23939	5d83	rta	RTTGEONSFG
23940	5d84	rta	RTINVEONSFG
23941	5d85	rta	RTTDR_TP
23942	5d86	rta	RTTDR_UXMSG
23943	5d87	rta	RTTDR_INV_INTVL
23944	5d88	rta	RTTSMTRING
23945	5d89	rta	RT_TSMBADMSG
23946	5d8a	rta	RTASPTNST
23947	5d8b	rta	RTCGA_STAT
23948	5d8c	rta	RTLNK_PLI
23949	5d8d	rta	RTTSMBTN
23950	5d8e	rta	RTTDR_RTI
23951	5d8f	rta	RTFRBC_SVC
23952	5d90	rta	RTRTLIST
23953	5d91	rta	RTCMTUNEQ
24300	5eec	si	SIAUBDMS
24301	5eed	si	SIINBDMS
24302	5eee	si	SIIMBDMS
24303	5eef	si	SIOCBDMMS
24304	5ef0	si	SIWAITER
24305	5ef1	si	INBADLOGRF
24306	5ef2	si	MSBDSIMS
24307	5ef3	si	SIINMSLG
24308	5ef4	si	MSBDSITP
24309	5ef5	si	SIIMMSLG
24310	5ef6	si	MSBDSIRN
24311	5ef7	si	SIOCMSLG
24312	5ef8	si	INTSMINTERNAL
24313	5ef9	si	MCCBADIND
24314	5efa	si	MCCBADPHR
24315	5efb	si	MCCBADSTAT
24316	5efc	si	MCCBADPCR
24317	5efd	si	BADDDTRG
24318	5efe	si	MCCBADRSN
24319	5eff	si	SIDDFAIL
24320	5f00	si	FLOW_ERR
24321	5f01	si	INBSTESEQ
24322	5f02	si	INERAPB
24325	5f05	si	INPRIGRP
24326	5f06	si	INDBRET
24327	5f07	si	INMSTYPE
24328	5f08	si	INGRPTGET
24329	5f09	si	INGRCKTGET
24330	5f0a	si	INGRPBGET
24331	5f0b	si	INGRPXGET

24332	5f0c	si	INGRCXGET
24333	5f0d	si	INGRQMSG
24335	5f0f	si	INERTCPL
24336	5f10	si	INERGPAX
24337	5f11	si	INESMINT
24338	5f12	si	INETMPSI
24339	5f13	si	SIFLASHUPD
24340	5f14	si	INECOMBD
24341	5f15	si	INEUTYP
24342	5f16	si	INECFAIL
24343	5f17	si	INBADMHNUM
24345	5f19	si	INERCRECORD
24346	5f1a	si	INERMDRQ
24347	5f1b	si	INEORXPT
24348	5f1c	si	INACAERR
24349	5f1d	si	INRTFAIL

13. 5E14 Numeric Index: 24350-24979

ERROR CODE	PRM CODE	RANGE	MNEMONIC
24350	5f1e	si	INMBUFTYP
24351	5f1f	si	INMICOST
24353	5f21	si	INMDFRQ
24354	5f22	si	INPUQERR
24355	5f23	si	INPRTGRP
24356	5f24	si	INTRKGRP
24357	5f25	si	INIMNOMSG
24358	5f26	si	INLNKPLIERR
24359	5f27	si	INBADTYPE
24360	5f28	si	INSMIAERR
24361	5f29	si	INCPLHDER
24362	5f2a	si	INSMCRERR
24363	5f2b	si	INBRTNVAL
24364	5f2c	si	INBTIMEVAL
24365	5f2d	si	INBDFREASON
24366	5f2e	si	INBLOCALVAR
24367	5f2f	si	INBSTATE
24368	5f30	si	INBADINPUT
24369	5f31	si	INBRSLTFLD
24370	5f32	si	INBSTEORTYPE
24371	5f33	si	INTYPEFAIL
24372	5f34	si	INSFPTFAIL
24373	5f35	si	INSFRET
24374	5f36	si	INUNREASON
24375	5f37	si	INUNREQTYPE
24376	5f38	si	INUN_REQ
24377	5f39	si	INBACTORRSLT
24378	5f3a	si	INBNXTACT
24379	5f3b	si	INE_ESC
24380	5f3c	si	INRETGEN
24382	5f3e	si	INERSDAP
24383	5f3f	si	INDFTYPE
24384	5f40	si	IMALCGSSFL
24385	5f41	si	INERACRECORD
24386	5f42	si	INDBFINER
24388	5f44	si	INDAGSPLPO
24389	5f45	si	INDBBGS5CAL
24390	5f46	si	INPTDFRQ
24391	5f47	si	INENDFRQ
24393	5f49	si	INIDTMBW
24394	5f4a	si	INIDS1
24395	5f4b	si	INUNITREAD
24396	5f4c	si	INSMESTREAD
24397	5f4d	si	INIDTMIC
24398	5f4e	si	INIDTMIR
24399	5f4f	si	INBOSMODE
24400	5f50	si	INBTRANS
24401	5f51	si	INBSEQU
24402	5f52	si	INBSEQINPUT
24403	5f53	si	INBUNBLOCK
24404	5f54	si	INBUNSNDRET

24405	5f55	si	INBINSYNCH
24406	5f56	si	INSYNFULL
24407	5f57	si	INBCHKIN
24408	5f58	si	INBAIMDATA
24409	5f59	si	INERDDW
24410	5f5a	si	INWPBSSFL
24411	5f5b	si	INWPODDFL
24412	5f5c	si	INIDTMIW
24413	5f5d	si	INIDTMPS
24414	5f5e	si	INJBTRQERR
24417	5f61	si	INAIU_ERROR
24418	5f62	si	INAIUMTERR
24419	5f63	si	INAIUISPA
24420	5f64	si	INERWCTX
24423	5f67	si	INERQVST
24424	5f68	si	INERTAGH
24425	5f69	si	INRSMCHAN
24426	5f6a	si	INRSMNTS
24427	5f6b	si	INSATRNFAIL
24428	5f6c	si	INSABMSG
24429	5f6d	si	INSASTATE
24430	5f6e	si	INSABTIME
24431	5f6f	si	INSARTAIN
24432	5f70	si	INSARTAOUT
24435	5f73	si	INIDTSBOS
24436	5f74	si	INIDTSBSM
24437	5f75	si	INIDTSEFC
24438	5f76	si	INIDTSICR
24439	5f77	si	INIDTSIWS
24440	5f78	si	INIDTSSMR
24441	5f79	si	INIDTSUMR
24442	5f7a	si	INIDTSUPS
24443	5f7b	si	INIDTSURC
24444	5f7c	si	IMBADRSCTYPE
24445	5f7d	si	OCBADPID
24447	5f7f	si	INEROSPS
24449	5f81	si	INGRDGET
24450	5f82	si	INGRDLINK
24451	5f83	si	INGRINTERNAL
24452	5f84	si	INGRPC
24453	5f85	si	INGRTSI
24454	5f86	si	INBADCR
24455	5f87	si	ININMSGTYP
24456	5f88	si	ININVSTIM
24457	5f89	si	INBADPCRID
24458	5f8a	si	INBADOFF
24459	5f8b	si	INBADDREAD
24460	5f8c	si	INBADDWRITE
24461	5f8d	si	INCLIDAT
24462	5f8e	si	INMODATT
24463	5f8f	si	INDBREASON
24464	5f90	si	IMASTMFEX
24465	5f91	si	IMASTLFEX
24469	5f95	si	DTFETE
24470	5f96	si	INMATATT
24471	5f97	si	INERBFMSG
24472	5f98	si	IMRSCFEX
24475	5f9b	si	IMAETEIN
24476	5f9c	si	IMARCTRG
24477	5f9d	si	IMAPMPIN
24478	5f9e	si	IMALCMUP
24479	5f9f	si	IMAPBMUP
24480	5fa0	si	IMASTLCNT
24481	5fa1	si	IMASTSPP
24482	5fa2	si	IMASTCRT
24483	5fa3	si	IMALCMFL
24484	5fa4	si	IMAPBMFL
24485	5fa5	si	SIBADUNIT
24486	5fa6	si	IMAEBIT2
24487	5fa7	si	IMABDCASE
24488	5fa8	si	IMABDHST
24489	5fa9	si	IMAPMPFL

24490	5faa	si	IMASTIMG
24491	5fab	si	INISPARTN
24492	5fac	si	IMRSCRCVY
24493	5fad	si	INISPHTO
24494	5fae	si	SISMESTFL
24495	5faf	si	IMAPCDSP
24496	5fb0	si	IMASACP0
24497	5fb1	si	IMASACP1
24498	5fb2	si	IMBD_DQLNK_MSG
24499	5fb3	si	IMAOCNUTS
24500	5fb4	si	IMARTSPP
24501	5fb5	si	IMAIMSPP
24502	5fb6	si	IMAMRASPP
24503	5fb7	si	IMBSSWP
24504	5fb8	si	IMODDWP
24505	5fb9	si	IMACDQMRCVY
24506	5fba	si	IMQMCLLTQ
24507	5fbb	si	IMQMSRVTM
24508	5fbc	si	IMQMBDFRD
24509	5fbd	si	INPHSTATUS
24510	5fbe	si	INPORTLA
24511	5fbf	si	OCPSSENDER
24512	5fc0	si	SIODSFAIL
24513	5fc1	si	OCOVLDERR
24514	5fc2	si	INOSBDSITYPE
24515	5fc3	si	INEROAP
24516	5fc4	si	INOSDFBDFRD
24517	5fc5	si	DTWRTERR
24518	5fc6	si	INTSDATA
24520	5fc8	si	INOSBDPCBL
24522	5fca	si	INSITEDBG0
24523	5fcb	si	INSITEDBG1
24524	5fcc	si	INSITEDBG2
24525	5fcd	si	INSITEDBG3
24526	5fce	si	SIOMTDBERR
24534	5fd6	si	SIFPSPBADREA
24535	5fd7	si	SIFPTPBADREA
24536	5fd8	si	SIIMWPINV
24538	5fda	si	INOSPSL3
24539	5fdb	si	OCBADLPHN
24540	5fdc	si	OCSMDTRD
24541	5fdd	si	OCRLGETER
24542	5fde	si	OCOSSNDER
24543	5fdf	si	INIDSBADRET
24544	5fe0	si	INIDSARGBAD
24545	5fe1	si	INIDSDTFAILURE
24547	5fe3	si	INIDSPACKAGE
24548	5fe4	si	INIDSREASONBAD
24549	5fe5	si	INIDSPTYPEBAD
24553	5fe9	si	INERTEDB
24554	5fea	si	INERCOIN
24555	5feb	si	INERBRCSDB
24556	5fec	si	INERLTMSTAT
24557	5fed	si	INERDISPDB
24558	5fee	si	INERPPSAST
24559	5fef	si	INERSCMDB
24560	5ff0	si	INERADB
24561	5ff1	si	INERBLFDB
24562	5ff2	si	INERATTDB
24563	5ff3	si	INERCBDB
24564	5ff4	si	INPCBCOIN
24565	5ff5	si	OCMSGID
24566	5ff6	si	OCDTREAD
24567	5ff7	si	INNS_TN
24571	5ffb	si	INERICRST
24572	5ffc	si	INEROTINIT
24574	5ffe	si	OCDDRDERR
24575	5fff	si	OCDDWTERR
24576	6000	si	OCHMERR
24584	6008	si	OCUNKSITP
24586	600a	si	INERMSU
24587	600b	si	INERCNDA

24588	600c	si	INERLHBS
24589	600d	si	INERDBCN
24590	600e	si	GRMATESTP
24591	600f	si	GRTRCFAIL
24592	6010	si	GRMATEFAIL
24593	6011	si	GRINVLPR
24595	6013	si	INERCLDB
24596	6014	si	INERMDB
24597	6015	si	INPSUUI
24598	6016	si	INLTSTAT
24599	6017	si	INLTSDDB
24600	6018	si	SIOATYP
24601	6019	si	INERNSDB
24603	601b	si	INERSRV
24605	601d	si	INERCVST
24606	601e	si	INGRCIWRF
24607	601f	si	INGRCIRDF
24608	6020	si	INGRNOXPT
24609	6021	si	INGRNOPIB
24610	6022	si	INGRCKTDATA
24611	6023	si	OCSMRDERR
24613	6025	si	INGRDFINUM
24614	6026	si	DDBADNCT
24615	6027	si	DDBADTRIG
24618	602a	si	DDIMMAP
24619	602b	si	DDIMCTS
24621	602d	si	INGROPFAIL
24622	602e	si	INGRTSIT1F
24623	602f	si	IMASTDBRC
24624	6030	si	DDBADCASE
24626	6032	si	IMDACHKRSC
24629	6035	si	IMINV_CMP
24630	6036	si	SIGLCLOFFSET
24631	6037	si	INERE911DB
24632	6038	si	INFHBADTS
24633	6039	si	INFHOSBCAST
24634	603a	si	DDREASERR
24635	603b	si	DDBADOS
24636	603c	si	DDIMMSG
24637	603d	si	DDIMSTIM
24638	603e	si	DDBADTIMER
24639	603f	si	DDCPMSG
24640	6040	si	DDCPSTIM
24647	6047	si	INSYNCHTO
24648	6048	si	INRTCONFIG
24649	6049	si	INERLSCMDB
24652	604c	si	INERBCLA
24653	604d	si	INERBCGA
24654	604e	si	INERSTPDB
24655	604f	si	INERNS_IDX
24656	6050	si	INERTN_INFO
24657	6051	si	INERNS_BILL
24659	6053	si	INPICBERR
24660	6054	si	INCCBERR
24661	6055	si	INCHDBERR
24662	6056	si	INCDBERR
24663	6057	si	INPORTDATA
24664	6058	si	INREASERR
24665	6059	si	INFHBRMSG
24666	605a	si	INFHBSMSG
24667	605b	si	INFHUMSG
24668	605c	si	INFHBSTATE
24669	605d	si	INFHSPPAS
24670	605e	si	INFHTSMMSG
24671	605f	si	INFHBSLOTS
24673	6061	si	INFHNOMATCH
24674	6062	si	INFHDDFAIL
24675	6063	si	INERAUTO
24676	6064	si	INEROATA
24677	6065	si	INERACCS
24678	6066	si	INERTEILA
24679	6067	si	INERDALB

24681	6069	si	INMATEFAULTSM
24682	606a	si	INMATESTPTSM
24683	606b	si	INOFLDATATSM
24688	6070	si	SIOLINOOR
24694	6076	si	IMSPPRUNPROC
24698	607a	si	SIOLIMHOG
24701	607d	si	INPIDBERR
24705	6081	si	IMTITELPW
24707	6083	si	SIMGTPCREATE
24712	6088	si	INBDPTNM
24713	6089	si	INLINKUSE
24714	608a	si	INERACDI
24715	608b	si	INERTATDB
24716	608c	si	INERCCSSTPDB
24717	608d	si	SIZAPRNGERR
24718	608e	si	SIZAPINIT
24900	6144	smim	SMBADDBRET
24901	6145	smim	SMBADUTYPE
24902	6146	smim	SMBADMSGTYPE
24903	6147	smim	SMBADINPUT
24904	6148	smim	SMBADUNIT
24905	6149	smim	SMNOFIU
24906	614a	smim	SMMSGTYPEBAD
24907	614b	smim	SMBADFLTTYPE
24908	614c	smim	SMDBFLT1
24909	614d	smim	SMDBFLT2
24910	614e	smim	SMASDFRA
24911	614f	smim	SMCKTRCLK
24912	6150	smim	SMCIERRT
24913	6151	smim	SMTSIDBF
24914	6152	smim	SMPARFAIL
24915	6153	smim	SMTSIBUT
24916	6154	smim	SMCLERROR
24917	6155	smim	SMABTREQ
24918	6156	smim	SMCNDB0
24919	6157	smim	SMCNDB1
24920	6158	smim	SMCNDB2
24921	6159	smim	SMCNDB3
24922	615a	smim	SMBADACT
24923	615b	smim	SMCNDB4
24924	615c	smim	SMCNBSTE
24925	615d	smim	SMRDMATE
24926	615e	smim	SMUPMATE
24927	615f	smim	SMRDACT
24928	6160	smim	SMUPACT
24929	6161	smim	SMPRMRA
24930	6162	smim	SMINVCKT
24931	6163	smim	SMIADSCC
24932	6164	smim	SMIAILACT
24933	6165	smim	SMIAILQUAL
24934	6166	smim	SMIAHDWREL
24935	6167	smim	SMIACKTDAT
24936	6168	smim	SMIADSUIMG
24937	6169	smim	SMIACTYPE
24938	616a	smim	SMIAFUPTUP
24939	616b	smim	SMIAOPAD
24940	616c	smim	SMIAMCNT
24941	616d	smim	SMIAILBIT
24942	616e	smim	SMIAILNAME
24943	616f	smim	SMIAEST
24944	6170	smim	SMIABGNT
24945	6171	smim	SMIAOPNR
24946	6172	smim	SMIAUPTUP
24947	6173	smim	SMIARDNXT
24948	6174	smim	SMIAILBLK
24949	6175	smim	SMIAILSIDE
24950	6176	smim	SMIAILBNAME
24951	6177	smim	SMIAHDWDAT
24952	6178	smim	SMIADLINM
24953	6179	smim	SMIAILSUB
24954	617a	smim	SMIARDFST
24955	617b	smim	SMIANOEST

24956	617c	smim	SMIALUNIT
24957	617d	smim	SMIALSTATE
24958	617e	smim	SMIALCQ
24959	617f	smim	SMCRCLOB
24960	6180	smim	SMCRLEVEL
24961	6181	smim	SMCRCOUNT
24962	6182	smim	SMCRELEV
24963	6183	smim	SMCRBEND
24964	6184	smim	SMDSNODSU
24965	6185	smim	SMDSNEQIP
24966	6186	smim	SMDSNOPER
24967	6187	smim	SMDSILRCVY
24968	6188	smim	SMDSERTYPE
24970	618a	smim	SMDSCOUNT
24971	618b	smim	SMDSOOS
24972	618c	smim	SMDSTSI
24973	618d	smim	SMDSTMTTF
24974	618e	smim	SMDSCTYPE
24975	618f	smim	SMDS2RCVY
24976	6190	smim	SMDSTMNAME
24977	6191	smim	SMDSTTFSUB
24978	6192	smim	SMRADBW
24979	6193	smim	SMRADBR

14. 5E14 Numeric Index: 24980-25369

ERROR CODE	PRM CODE	RANGE	MNEMONIC
24980	6194	smim	SMRAPRQ
24981	6195	smim	SMRAPRL
24982	6196	smim	SMRAPCB
24983	6197	smim	SMRARTA
24984	6198	smim	SMRATM
24985	6199	smim	SMRAHDW
24986	619a	smim	SMRAHID
24987	619b	smim	SMRAOS
24988	619c	smim	SMRAMSG
24989	619d	smim	SMRAUID
24990	619e	smim	SMRAVB
24991	619f	smim	SMRAXRF
24992	61a0	smim	SMRAQUE
24993	61a1	smim	SMRAPM
24994	61a2	smim	SMDSUTSSR
24995	61a3	smim	SMDSPDBATY
24996	61a4	smim	SMCRNOBEG
24997	61a5	smim	SMUNKRCVY
24998	61a6	smim	SMIACTEST
24999	61a7	smim	SMIAUPEST
25000	61a8	smim	SMMCNTFLT
25001	61a9	smim	SMDBFLT
25002	61aa	smim	SMBGNTRN
25003	61ab	smim	SMOPNREL
25004	61ac	smim	SMSSENDMSG
25005	61ad	smim	SMGMSG
25006	61ae	smim	SMCREATE
25007	61af	smim	SMACTFLD
25008	61b0	smim	SMMSGREC
25009	61b1	smim	SMMSGTRE
25010	61b2	smim	SMILINAM
25011	61b3	smim	SMHMMMSG
25012	61b4	smim	SMOFF1NRM
25013	61b5	smim	SMPIDB1RA
25014	61b6	smim	SMPIDB1EA
25015	61b7	smim	SMPIDB2EA
25016	61b8	smim	SMGETNSFLT
25017	61b9	smim	SMPIDB2RA
25018	61ba	smim	SMPALWOOS
25019	61bb	smim	SMMALWOOS
25020	61bc	smim	SMGDXBESTR
25021	61bd	smim	SMRACPS
25022	61be	smim	SMCLERR1
25023	61bf	smim	SMCLERR2

25024	61c0	smim	SMCLERR3
25025	61c1	smim	SMCLERR4
25026	61c2	smim	SMCLERR5
25027	61c3	smim	SMMANINHERR
25028	61c4	smim	SMAUTOINHERR
25029	61c5	smim	SMALLNOTDONE
25030	61c6	smim	SMREASERR
25031	61c7	smim	SMDDWTHWCK
25032	61c8	smim	SMDDRDRHWCK
25033	61c9	smim	SMIMMBUR
25034	61ca	smim	SMPRPICKT
25035	61cb	smim	SMPRPIIDL
25036	61cc	smim	SMPRPIRES
25037	61cd	smim	SMPRPIMSG
25038	61ce	smim	SMPRPISRA
25039	61cf	smim	SMDCCOUNT
25040	61d0	smim	SMDCILRCVY
25041	61d1	smim	SMDCERTYPE
25042	61d2	smim	SMCANTSEND
25043	61d3	smim	SMBADMRA_ACK
25044	61d4	smim	SMOSWPROB
25045	61d5	smim	SMPORTLA
25046	61d6	smim	SMPSPRCNT
25047	61d7	smim	SMPSRSMST
25048	61d8	smim	SMPSUSMST
25049	61d9	smim	SMPSSOSSND
25050	61da	smim	SMPSRCVNV
25051	61db	smim	SMPSCKTNV
25052	61dc	smim	SMPSENV
25053	61dd	smim	SMISPIDB_NO
25054	61de	smim	SMBADPAR
25055	61df	smim	SMNOPSIUPIDB
25056	61e0	smim	SMPRGDGN
25057	61e1	smim	SMBADTIMER
25058	61e2	smim	SMPTSBAD
25059	61e3	smim	SMTBLBAD
25060	61e4	smim	SMUNKRQST
25061	61e5	smim	SMDFUNLKTS
25062	61e6	smim	SMBADMCSTATE
25063	61e7	smim	SMWREASON
25064	61e8	smim	SMOPERTST
25065	61e9	smim	SMDPSMSEND
25066	61ea	smim	SMDPAMSEND
25067	61eb	smim	SMDPUPDFAIL
25068	61ec	smim	SMDPMISSING
25069	61ed	smim	SMDPWRONG
25070	61ee	smim	SMDPTIMER
25071	61ef	smim	SMDPWAIT
25072	61f0	smim	SMDPCREATE
25073	61f1	smim	SMLOCK_ERROR
25074	61f2	smim	SMDPTPSEND
25075	61f3	smim	SMDPDDFAIL
25076	61f4	smim	SMMRA_DBRR
25077	61f5	smim	SMDPBCAST
25078	61f6	smim	SMCHDBRSM
25079	61f7	smim	SMINVPNPT
25080	61f8	smim	SMS96CTO
25081	61f9	smim	SMS96A01
25082	61fa	smim	SMS96A02
25083	61fb	smim	SMS96A03
25084	61fc	smim	SMS96A04
25085	61fd	smim	SMS96A05
25086	61fe	smim	SMS96A06
25087	61ff	smim	SMS96A07
25088	6200	smim	SMS96A08
25089	6201	smim	SMS96A09
25090	6202	smim	SMS96A10
25091	6203	smim	SMS96A11
25093	6205	smim	SMS96A13
25094	6206	smim	SMS96A14
25096	6208	smim	SMPPILAFail
25097	6209	smim	SMS96A17

25098	620a	smim	SMS96A18
25099	620b	smim	SMS96A19
25100	620c	smim	SMERBLKRES
25101	620d	smim	SMS96A21
25102	620e	smim	SMS96A22
25104	6210	smim	SMS96A24
25105	6211	smim	SMS96A25
25106	6212	smim	SMS96A30
25107	6213	smim	SMS96A31
25108	6214	smim	SMS96A32
25110	6216	smim	SMS96A34
25111	6217	smim	SMS96A35
25112	6218	smim	SMS96A36
25113	6219	smim	SMDDL_SEND
25114	621a	smim	SMRSM_NAILUP
25115	621b	smim	SMVER_CONN
25116	621c	smim	SMRDFHINIT
25117	621d	smim	SMHDFHINIT
25118	621e	smim	SMRDFHMAIN
25119	621f	smim	SMHDFHMAIN
25120	6220	smim	SMRDFHUXP
25121	6221	smim	SMHDFHUXP
25122	6222	smim	SMBADECPICMD
25123	6223	smim	SMCPIDDWRT
25124	6224	smim	SMIAFILPA
25125	6225	smim	SMRSMCHALLOC
25126	6226	smim	SMRSMCHDB
25127	6227	smim	SMRSMPCBLA
25128	6228	smim	SMRDFHTCSC
25129	6229	smim	SMMSGBAD
25130	622a	smim	SMS96A51
25131	622b	smim	SMS96CKT
25132	622c	smim	SMPSULOGDUMP
25133	622d	smim	SMSPRSMEST
25134	622e	smim	SMSLTHRESHERR
25135	622f	smim	SMSLCKTERR
25136	6230	smim	SMSLPRCOUNTERR
25137	6231	smim	SMSLRVCYACTERR
25138	6232	smim	SMIDAUD1
25139	6233	smim	SMDCLNOCC
25140	6234	smim	SMDCLFRBAD
25141	6235	smim	SMDCLPARM
25142	6236	smim	SMDCLIRQ
25143	6237	smim	SMPSUIIAUER
25144	6238	smim	SMDCLRSMEST
25145	6239	smim	SMTSIUNLK
25146	623a	smim	SMACTSPRFL
25147	623b	smim	SMS96A60
25148	623c	smim	SMS96A61
25149	623d	smim	SMS96A62
25150	623e	smim	SMS96A63
25151	623f	smim	SMS96A64
25152	6240	smim	SMS96A65
25153	6241	smim	SMS96A66
25154	6242	smim	SMS96A67
25155	6243	smim	SMS96A68
25156	6244	smim	SMS96A69
25157	6245	smim	SMSLERRTYPERR
25158	6246	smim	SMSLERRNOIMPCK
25159	6247	smim	SMIDSEND
25160	6248	smim	SMBADRDFI
25161	6249	smim	SMGPICBFAIL
25162	624a	smim	SMBADSDFISEL
25163	624b	smim	SMCKTDATFAIL
25164	624c	smim	SMDCLU1PFR
25165	624d	smim	SMS96BASEFAIL
25166	624e	smim	SMBADCISCAN
25167	624f	smim	SMDCLUICT
25168	6250	smim	SMROTPNF
25169	6251	smim	SMRLNKRET
25170	6252	smim	SMRSMCOMM
25171	6253	smim	SMPPGFULL

25172	6254	smim	SMIDAUD2
25173	6255	smim	SMDSUINIT
25174	6256	smim	SMOTHINIT
25175	6257	smim	SMPPGNOMATCH
25176	6258	smim	SMUTYPEBAD
25177	6259	smim	SMOUTINIT
25178	625a	smim	SMESTRET
25179	625b	smim	SMFDBRDFL
25180	625c	smim	SMIDAUD3
25181	625d	smim	SMCRNULK
25182	625e	smim	SMCRFORE
25183	625f	smim	SMRDNINIT
25184	6260	smim	SMQLNETINV
25185	6261	smim	SMDCLUBASE
25186	6262	smim	SMATDISERR
25187	6263	smim	SMATENERR
25188	6264	smim	SMATHWCONFIG
25189	6265	smim	SMATONLD
25190	6266	smim	SMCDFIMAP
25191	6267	smim	SMIACLIDATDB
25192	6268	smim	SMINITRLRCB
25193	6269	smim	SMCLIDATDB
25194	626a	smim	SMMATATTDB
25195	626b	smim	SMSEPSMEST
25196	626c	smim	SMILSEPACT
25197	626d	smim	SMIDDA01
25198	626e	smim	SMBDSHLFDTBL
25199	626f	smim	SMPHDATDGR
25200	6270	smim	SMODDLOCEQ
25201	6271	smim	SMODDCKT
25202	6272	smim	SMC_DBCLIDAT
25203	6273	smim	SMC_DBMATATT
25204	6274	smim	SMC_DBCDFI_MAP
25205	6275	smim	SMC_DBSMEST
25206	6276	smim	SMC_DBWSMEST
25207	6277	smim	SMC_INITREA
25208	6278	smim	SMC_UNKMSG
25209	6279	smim	SMC_OSDSRET
25210	627a	smim	SMC_TIMER
25211	627b	smim	SMC_LLATAB
25212	627c	smim	SMC_NRCLMAP
25213	627d	smim	SMC_RCLMAP
25214	627e	smim	SMC_SRC
25215	627f	smim	SMC_EVDDL
25216	6280	smim	SMC_DDERR
25217	6281	smim	SMC_CMRCCLMAP
25218	6282	smim	SMBDLNKGPR
25219	6283	smim	SMDBADERRTYPE
25220	6284	smim	SMATRMVTSI
25221	6285	smim	SMIDMISC
25222	6286	smim	SMIDBD01
25225	6289	smim	SMDC5BP
25226	628a	smim	SMDC5TIDB
25227	628b	smim	SMDC5RLSTI
25228	628c	smim	SMUNITDATNM
25229	628d	smim	SMSWBAD
25230	628e	smim	SMNOPORTLA
25231	628f	smim	SMMXDSL
25232	6290	smim	SMDLDSL
25233	6291	smim	SMCKT_NAMENM
25234	6292	smim	SMCKTINDXNM
25235	6293	smim	SMCKTNUMNM
25236	6294	smim	SMIDDS12
25237	6295	smim	SMQPRITINIT
25238	6296	smim	SMIDNOEV
25239	6297	smim	SMIDBDEV
25240	6298	smim	SMSGN_NAMENM
25241	6299	smim	SMDEBUG1
25242	629a	smim	SMPRT_NAMENM
25243	629b	smim	SMPICB_NUMNM
25244	629c	smim	SMIDRTAM
25245	629d	smim	SMDEBUG2

25246	629e	smim	SMIDPRTD
25247	629f	smim	SMIDPPJK
25248	62a0	smim	SMIDPASR
25249	62a1	smim	SMCLERR6
25250	62a2	smim	SMCLERR7
25251	62a3	smim	SMCLERR8
25252	62a4	smim	SMCLERR9
25253	62a5	smim	SMCLER10
25254	62a6	smim	SM2KMMUERR
25255	62a7	smim	SMCLER11
25256	62a8	smim	SMCLER12
25257	62a9	smim	SMBAD1DBRET
25258	62aa	smim	SMBAD2DBRET
25259	62ab	smim	SMBAD3DBRET
25260	62ac	smim	SMLDWP_BAD
25261	62ad	smim	SMNLIMAP
25262	62ae	smim	SMBAD_SP
25263	62af	smim	SMPIDBFAIL
25264	62b0	smim	SMPTSB2CHDB
25265	62b1	smim	SMPTSBFAIL
25266	62b2	smim	SM2MH_CMER
25267	62b3	smim	SMBAD_DX
25268	62b4	smim	SMBAD_ENTRY
25269	62b5	smim	SMBADFUMODE
25270	62b6	smim	SMINVFUABT
25271	62b7	smim	SMFUTSDBFAIL
25272	62b8	smim	SMFUBADNLI
25273	62b9	smim	SMINVFURETURN
25274	62ba	smim	SMINVFUSTATE
25275	62bb	smim	SMIABDGBL
25276	62bc	smim	SMIABADPARM
25277	62bd	smim	SMSPFFAUD
25278	62be	smim	SMFFLIST
25279	62bf	smim	SMFFEMPTY
25280	62c0	smim	SMBADSPUSE
25281	62c1	smim	SMMHAUPARM
25282	62c2	smim	SMMHAUSND
25283	62c3	smim	SMQLEPINV
25284	62c4	smim	SMQLSPCTIMER
25285	62c5	smim	SMQLSPREASERR
25286	62c6	smim	SMQLSPOSRTN
25287	62c7	smim	SMQLSPACINV
25288	62c8	smim	SMQLSPTMRINV
25289	62c9	smim	SMQLSPMGINV
25290	62ca	smim	SMDQLSINV
25291	62cb	smim	SMQLSTAINV
25292	62cc	smim	SMQLMHPIPE
25293	62cd	smim	SMQLPCCONN
25294	62ce	smim	SMQLERRTYPINV
25295	62cf	smim	SMQENDPTS
25296	62d0	smim	SMQLCOMMFAIL
25297	62d1	smim	SMQLNKCNT
25298	62d2	smim	SMQPSTINV
25299	62d3	smim	SMQPUPINV
25300	62d4	smim	SMQPDDTIMER
25301	62d5	smim	SMQLPBKINV
25302	62d6	smim	SMQLMQPSINV
25303	62d7	smim	SMQLEMSGINV
25304	62d8	smim	SMQLNKSNUMINV
25305	62d9	smim	SMDQLNKNUMINV
25306	62da	smim	SMQLEPMSGINV
25307	62db	smim	SMSPLESEQINV
25311	62df	smim	SMTSMSKERR
25312	62e0	smim	SMODDPIDB
25313	62e1	smim	SM2MH_HSHE
25314	62e2	smim	SMMH_HASHE
25321	62e9	smim	SMQOSELNGTH
25322	62ea	smim	SMQPACTCMOOS
25323	62eb	smim	SMQLPROFILE
25324	62ec	smim	SMQLEGETPROF
25325	62ed	smim	SMQLERRPROF
25326	62ee	smim	SMQLPIPE

25327	62ef	smim	SMQLIQLL
25328	62f0	smim	SMQLIDQLNK
25329	62f1	smim	SMCLNKNUMINV
25332	62f4	smim	SMIDTASK
25333	62f5	smim	SMQLLMINVST
25334	62f6	smim	SMUNEXPCAL
25335	62f7	smim	SMBGSELNLI
25336	62f8	smim	SMBGSELOC
25337	62f9	smim	SMBGSELMT
25348	6304	smim	SMBADQPIPEODD
25349	6305	smim	SMFLXINC
25350	6306	smim	SMPSLNKOOR
25351	6307	smim	SMPLILNK
25352	6308	smim	SMPFRUSE
25353	6309	smim	SMASTMSG
25354	630a	smim	SMASTST
25355	630b	smim	SMASTCMD
25356	630c	smim	SMASTSRC
25357	630d	smim	SMASTACT
25358	630e	smim	SMASTTRG
25359	630f	smim	SMIXRFPARAM
25360	6310	smim	SMNUMDX
25361	6311	smim	SMRABADEQL
25362	6312	smim	SMRABADCKT
25363	6313	smim	SMBDCAST
25364	6314	smim	SMPHRNGCHKF
25365	6315	smim	SMLNK_NUM
25366	6316	smim	SMDBFLT3
25367	6317	smim	SMDBFLT4
25368	6318	smim	SMDBFLT5
25369	6319	smim	SMDBFLT6

15. 5E14 Numeric Index: 25370-26029

ERROR CODE	PRM CODE	RANGE	MNEMONIC
25370	631a	smim	SMPSLNK_INFO
25371	631b	smim	SMPSU_CA
25372	631c	smim	SMPHATBL
25373	631d	smim	SMGRPNM
25374	631e	smim	SMODDUNIT_CKT
25375	631f	smim	SMXRFAUDERR
25376	6320	smim	SMIDCKTD
25377	6321	smim	SMIDNOSM
25381	6325	smim	SMXRHSMISMATCH
25382	6326	smim	SMDCLPICB
25383	6327	smim	SM2KACC_FLT
25384	6328	smim	SMFURNOMASTER
25385	6329	smim	SMFURNOSUBS
25386	632a	smim	SMFURTBKLD
25387	632b	smim	SMFURBADDATA
25388	632c	smim	SMFURQBPROB
25389	632d	smim	SMFURQPPROB
25390	632e	smim	SMELTCTCB
25391	632f	smim	SMELTEXH
25392	6330	smim	SMELTNEXP
25393	6331	smim	SMGETCDBERR
25394	6332	smim	SMGETSMESTERR
25395	6333	smim	SMBADHWCGIMG
25396	6334	smim	SMBADHWCGMXCH
25397	6335	smim	SMELINVMEPIPE
25398	6336	smim	SMELINVMELNK
25399	6337	smim	SMELSPINVMMSG
25400	6338	smim	SMELINVEPIPEST
25401	6339	smim	SMELINVELNKST
25402	633a	smim	SMELACKFAIL
25403	633b	smim	SMELACKTO
25404	633c	smim	SMELINVEPIPEACT
25405	633d	smim	SMELINVELNKACT
25406	633e	smim	SMELBADPTCNT
25407	633f	smim	SMTRCUAUD
25408	6340	smim	SMELUXPMHEVENT

25409	6341	smim	SMELUXPEVELNK
25410	6342	smim	SMELUXPEVEPIPE
25411	6343	smim	SMELINVDDTRAN
25412	6344	smim	SMELPSSWMODE
25413	6345	smim	SMELDBESERV
25414	6346	smim	SMELDBNOMEPIPE
25415	6347	smim	SMELDBOORKEY
25416	6348	smim	SMELINVRET
25417	6349	smim	SMELDATAINC
25418	634a	smim	SMELBADRPTUNIT
25419	634b	smim	SMELTSAVEFULL
25420	634c	smim	SMELINCREPT
25421	634d	smim	SMELBADIPNUM
25422	634e	smim	SMELINVAURCVY
25423	634f	smim	SMELUMCST
25424	6350	smim	SMBADTRCU3SU
25425	6351	smim	SMELFMHINIT
25426	6352	smim	SMELTTCBC
25427	6353	smim	SMELINVEPIPESERV
25428	6354	smim	SMRSM2HTU
25429	6355	smim	SMHTU2RSM
25436	635c	smim	SMELINVTO
25437	635d	smim	SMELINVEQUIP
25438	635e	smim	SMELLOSTPTMR
25439	635f	smim	SMDFQOSCHK
25600	6400	smkp	SMC5IEREAS
25601	6401	smkp	SMC5IEARG
25602	6402	smkp	SMC5IMSTY
25603	6403	smkp	SMC5MSTE
25604	6404	smkp	SMC5IRCV
25605	6405	smkp	SMC5NOMBUF
25606	6406	smkp	SMC5IMTAG
25607	6407	smkp	SMC5IDRID
25608	6408	smkp	SMC5IDTCC
25609	6409	smkp	SMC5ELOOP
25610	640a	smkp	SMC5IDREAS
25611	640b	smkp	SMC5IEVMSG
25612	640c	smkp	SMC5IFPC
25613	640d	smkp	SMC5IMSG
25614	640e	smkp	SMC5STRAY
25615	640f	smkp	SMC5IABT
25616	6410	smkp	SMC5ITRNG
25617	6411	smkp	SMC5NOTCC
25618	6412	smkp	SMC5DETIME
25619	6413	smkp	SMC5IBLK
25620	6414	smkp	SMC5ELGTH
25621	6415	smkp	SMC5EPROC
25622	6416	smkp	SMC5ISND
25623	6417	smkp	SMC5IBNR
25624	6418	smkp	SMC5IBACK
25625	6419	smkp	SMC5IEQID
25626	641a	smkp	SMC5DBNOK
25627	641b	smkp	SMC5TMSC
25628	641c	smkp	SMC5TFPC
25629	641d	smkp	SMC5TPPC
25630	641e	smkp	SMC5TMMP
25631	641f	smkp	SMC5TNC
25632	6420	smkp	SMC5TLI
25633	6421	smkp	SMC5TMI
25634	6422	smkp	SMC5TTMS
25635	6423	smkp	SMC5TDLI
25636	6424	smkp	SMC5TCLC
25637	6425	smkp	SMC5TIIA
25638	6426	smkp	SMC5TDRVR
25639	6427	smkp	SMC5ITIMER
25640	6428	smkp	SMC5ICHID
25641	6429	smkp	SMC5ISMTHD
25642	642a	smkp	SMC5FEXEC
25643	642b	smkp	SMIEXNLIMAX
25644	642c	smkp	SMIBADNLI
25645	642d	smkp	SMINLINVLST
25646	642e	smkp	SMINVNLIMAP

25647	642f	smkp	SMINVRSM2K
25648	6430	smkp	SMC5TQLC
25649	6431	smkp	SMC5TQGP
25650	6432	smkp	SMSCORE
25651	6433	smkp	SMLCDATA
25652	6434	smkp	SMQSTBCFAIL
25653	6435	smkp	SMQSTABORT
25654	6436	smkp	SMQINITABT
25655	6437	smkp	SMQPIPEABT
25656	6438	smkp	SMDDRQLPS
25657	6439	smkp	SMQPIPECNT
25658	643a	smkp	SMQONTCPCD
25659	643b	smkp	SMQRSCPF
25660	643c	smkp	SMQRSEQF
25675	644b	smkp	SMINREATG
25676	644c	smkp	SMOSRETTG
25677	644d	smkp	SMMSGTPTG
25678	644e	smkp	SMREAIMTG
25679	644f	smkp	SMEQSTIMTG
25680	6450	smkp	SMWSTIMTG
25681	6451	smkp	SMWIIAIMTG
25682	6452	smkp	SMWMMPIMTG
25683	6453	smkp	SMWSDLCIMTG
25684	6454	smkp	SMRIIAIMTG
25685	6455	smkp	SMREAMMPTG
25686	6456	smkp	SMEQSTMMPTG
25687	6457	smkp	SMWSTMMPTG
25688	6458	smkp	SMWIIAMMPTG
25689	6459	smkp	SMWDGNMMPTG
25690	645a	smkp	SMREALNKTG
25691	645b	smkp	SMEQSTLNKTG
25692	645c	smkp	SMWSTLNKTG
25693	645d	smkp	SMWSTQLPSTG
25694	645e	smkp	SMWSTQTMSTG
25695	645f	smkp	SMEQQLPSTG
25696	6460	smkp	SMREAQLPS
25697	6461	smkp	SMWSTQPIPETG
25698	6462	smkp	SMREAQPIPE
25699	6463	smkp	SMQACKTG
25700	6464	smkp	SMIABDINIT
25701	6465	smkp	SMIABDTMSG
25702	6466	smkp	SMIABDAMSG
25703	6467	smkp	SMIABDUNIT
25704	6468	smkp	SMIANOMCB
25705	6469	smkp	SMIAINVPROC
25706	646a	smkp	SMIAOSEUN
25707	646b	smkp	SMIALEMSG
25708	646c	smkp	SMIAMEMSG
25709	646d	smkp	SMIAIEMSG
25710	646e	smkp	SMIADDRDF
25711	646f	smkp	SMIADBRDF
25720	6478	smkp	SMIPCMPHDR
25725	647d	smkp	SMIPACTION
25726	647e	smkp	SMIPACTQUAL
25727	647f	smkp	SMIPRETURN
25728	6480	smkp	SMIPEQID
25729	6481	smkp	SMIPODDINCONSIST
25730	6482	smkp	SMIPFROMPID
25731	6483	smkp	SMIPHLEVEL
25732	6484	smkp	SMISINITPARM
25733	6485	smkp	SMIPFRCINCONSIST
25734	6486	smkp	SMIPMSGTYPE
25735	6487	smkp	SMIPOPTIONS
25736	6488	smkp	SMIPPCEQSTAT
25737	6489	smkp	SMIPPCID
25738	648a	smkp	SMIPPCSIDE
25739	648b	smkp	SMIPREASON
25740	648c	smkp	SMIPRESULT
25741	648d	smkp	SMIPSMDDREAD
25742	648e	smkp	SMIPSMWRITE
25743	648f	smkp	SMIPSNMSG
25744	6490	smkp	SMIPSYSTAG

25745	6491	smkp	SMIPWGFROM
25746	6492	smkp	SMIPWGMMSG
25747	6493	smkp	SMIPWGTYPE
25748	6494	smkp	SMIPCLFAIL
25749	6495	smkp	SMIPDDREAD
25750	6496	smkp	SMISARGUMENT
25751	6497	smkp	SMISCREASON
25752	6498	smkp	SMISBADSTATE
25753	6499	smkp	SMISDDREAD
25754	649a	smkp	SMISDMDSP
25755	649b	smkp	SMISHWESCAL
25756	649c	smkp	SMISNEXTACT
25757	649d	smkp	SMISNOOPIMS
25758	649e	smkp	SMIPSLEVEL
25759	649f	smkp	SMISPRMCLASS
25760	64a0	smkp	SMISPRMDATA
25761	64a1	smkp	SMISPRMTYPE
25762	64a2	smkp	SMISPRMUNIT
25763	64a3	smkp	SMISREPLACE
25764	64a4	smkp	SMISRETURN
25765	64a5	smkp	SMISSEQST
25766	64a6	smkp	SMISSMDDREAD
25767	64a7	smkp	SMISSMWRITE
25768	64a8	smkp	SMISTIMER
25769	64a9	smkp	SMISACTION
25770	64aa	smkp	SMIPVINT
25771	64ab	smkp	SMIPINREF
25772	64ac	smkp	SMIPHY2LOGFAIL
25773	64ad	smkp	SMIPINTINCONSIST
25774	64ae	smkp	SMISDDWRITE
25775	64af	smkp	SMREASERR
25776	64b0	smkp	SMINRC
25777	64b1	smkp	SMINVU
25778	64b2	smkp	SMLBIV
25779	64b3	smkp	SMINMT
25780	64b4	smkp	SMARBRN
25781	64b5	smkp	SMARBARG
25782	64b6	smkp	SMARBRET
25783	64b7	smkp	SMVINVM
25784	64b8	smkp	SMVNFREE
25785	64b9	smkp	SMVBRLNK
25786	64ba	smkp	SMVINVNL
25787	64bb	smkp	SMVOORIX
25788	64bc	smkp	SMVBLIST
25789	64bd	smkp	SMVINVRQ
25790	64be	smkp	SMVPCAMS
25791	64bf	smkp	SMVCOAFP
25792	64c0	smkp	SMVINVET
25793	64c1	smkp	SMARBETY
25794	64c2	smkp	SMARQDAT
25795	64c3	smkp	SMARSSPT
25796	64c4	smkp	SMARBDON
25797	64c5	smkp	SMVINVRD
25798	64c6	smkp	SMDFRERR
25799	64c7	smkp	SMARBSND
25800	64c8	smkp	SMOORQIX
25801	64c9	smkp	SMTMR
25802	64ca	smkp	SMODDPCIV
25803	64cb	smkp	SMVGTUPBD
25804	64cc	smkp	SMVDDRWF
25805	64cd	smkp	SMVISTAT
25806	64ce	smkp	SMVIUNIT
25807	64cf	smkp	SMVIDATA
25808	64d0	smkp	SMINVSFC
25809	64d1	smkp	SMINVACQ
25810	64d2	smkp	SMINVREQ
25811	64d3	smkp	SMINVDDR
25812	64d4	smkp	SMVLPRCF
25813	64d5	smkp	SMFPCPCD
25814	64d6	smkp	SMFPCNOCH
25815	64d7	smkp	SMLCFAIL
25816	64d8	smkp	SMVQGLIP

25817	64d9	smkp	SMIPQPFail
25850	64fa	smkp	SMDMBADLOG
25851	64fb	smkp	SMDMILLID
25852	64fc	smkp	SMLLONOLNK
25853	64fd	smkp	SMLL1NOLNK
25854	64fe	smkp	SMMCCBDDRWF
25855	64ff	smkp	SMMCCDDRWF
25856	6500	smkp	SMUNKMTST
25875	6513	smkp	SMCLNOTINIT
25876	6514	smkp	SMCLDD1
25877	6515	smkp	SMCLDB8
25878	6516	smkp	SMCLPREF
25879	6517	smkp	SMCLMANMSG
25880	6518	smkp	SMCLMANDONE
25881	6519	smkp	SMCLDMAMMSG
25882	651a	smkp	SMCLNORMREQ
25883	651b	smkp	SMCLCADMSG
25884	651c	smkp	SMCLCADRTN
25885	651d	smkp	SMCLACKMSG
25886	651e	smkp	SMCLINVAL
25887	651f	smkp	SMCLNOTCLNC
25888	6520	smkp	SMCLIIAREQ
25889	6521	smkp	SMCLMSKP
25890	6522	smkp	SMCLBADSRC
25891	6523	smkp	SMCLBADLK
25892	6524	smkp	SMCLIM
25893	6525	smkp	SMCLINVSM
25894	6526	smkp	SMCLNINVAL
25895	6527	smkp	SMCLBOSRT
25896	6528	smkp	SMCLBNMSG
25897	6529	smkp	SMCLNMTYP
25898	652a	smkp	SMCLNMBM
25899	652b	smkp	SMCLMMPMSG
25900	652c	smkp	SMCLFPCMSG
25901	652d	smkp	SMCLMSMSG
25902	652e	smkp	SMCLSND1
25903	652f	smkp	SMCLDBO
25904	6530	smkp	SMCLDB1
25905	6531	smkp	SMCLDB2
25906	6532	smkp	SMCLDB3
25907	6533	smkp	SMCLDB4
25908	6534	smkp	SMCLBADMSG
25909	6535	smkp	SMCLCINVAL
25910	6536	smkp	SMCLMSRET
25911	6537	smkp	SMCLWRSORC
25912	6538	smkp	SMCLWRUNIT
25913	6539	smkp	SMCLWRAC
25914	653a	smkp	SMCLWRTYPE
25915	653b	smkp	SMCLBRMV
25916	653c	smkp	SMCLBRST
25917	653d	smkp	SMCLINERR
25918	653e	smkp	SMCLBIMS
25919	653f	smkp	SMCLBIMO
25920	6540	smkp	SMCLTMSIDE
25921	6541	smkp	SMCLSSPMSG
25922	6542	smkp	SMCLDELTIM
25923	6543	smkp	SMCLINVPAR
25924	6544	smkp	SMCLREASON
25925	6545	smkp	SMCLEWAIT
25926	6546	smkp	SMCLESEND
25927	6547	smkp	SMCLICADTMOUT
25928	6548	smkp	SMCLREQFAIL
25929	6549	smkp	SMCLWGET
25930	654a	smkp	SMCLNOMSG
25931	654b	smkp	SMCLEIMMSG
25932	654c	smkp	SMCLERRMSG
25933	654d	smkp	SMCLSSPE
25934	654e	smkp	SMCLSSPTYPE
25935	654f	smkp	SMCLRSEND
25936	6550	smkp	SMCLNOTYPE
25937	6551	smkp	SMCLMSFAIL
25938	6552	smkp	SMCLDDREAD

25939	6553	smkp	SMCLSSPUNIT
25940	6554	smkp	SMISOLDD
25941	6555	smkp	SMISOLDB
25942	6556	smkp	SMRSMOFST
25943	6557	smkp	SMISCLIDAT
25944	6558	smkp	SMSEPDD
25945	6559	smkp	SMCLSSPOOS
25946	655a	smkp	SMCLSMIF
25947	655b	smkp	SMCLRSBMMP
25948	655c	smkp	SMCLRSPC
25949	655d	smkp	SMCLRSBONTC
25950	655e	smkp	SMCLRS3LNK
25951	655f	smkp	SMCLRSMTT
25952	6560	smkp	SMCLRSDDFL
25953	6561	smkp	SMCLRSMO
25955	6563	smkp	SMRSM2HSM
26000	6590	smkp	SMMSEWAIT
26001	6591	smkp	SMMSERMSG
26002	6592	smkp	SMMSPERMSG
26003	6593	smkp	SMMSREASON
26004	6594	smkp	SMMSESEND
26005	6595	smkp	SMMSEVCLASS
26006	6596	smkp	SMMSREADDD
26007	6597	smkp	SMMSCTIM
26008	6598	smkp	SMMSHTIM
26009	6599	smkp	SMMSWGET
26010	659a	smkp	SMMSPESEND
26011	659b	smkp	SMMSDREAD
26012	659c	smkp	SMMSPPFail
26013	659d	smkp	SMCLKFAIL
26014	659e	smkp	SMMSGFAIL
26015	659f	smkp	SMHMSGFAIL
26016	65a0	smkp	SMPMSGFAIL
26017	65a1	smkp	SMPSENFail
26018	65a2	smkp	SMSENDFail
26019	65a3	smkp	SMWRTFail
26020	65a4	smkp	SMFALREASON
26021	65a5	smkp	SMWAITFail
26022	65a6	smkp	SMTIMEOUT
26023	65a7	smkp	SMGETPTA
26024	65a8	smkp	SMPHY2LOG
26025	65a9	smkp	SMOUTMSGFAIL
26026	65aa	smkp	SMERANGE
26027	65ab	smkp	SMWRTNOPCD
26028	65ac	smkp	SMMCBD
26029	65ad	smkp	SMMCSEND

16. 5E14 Numeric Index: 26030-26839

ERROR CODE	PRM CODE	RANGE	MNEMONIC
26030	65ae	smkp	SMMCACKBAD
26031	65af	smkp	SMMCWGBAD
26032	65b0	smkp	SMMMUNITERR
26033	65b1	smkp	SMMMSIDERR
26034	65b2	smkp	SMMMPHYSEERR
26035	65b3	smkp	SMMMTPERR
26036	65b4	smkp	SMMMFAQERR
26037	65b5	smkp	SMMMFROMERR
26038	65b6	smkp	SMMMATIONERR
26039	65b7	smkp	SMMMMDUPERR
26040	65b8	smkp	SMMMEVTNOERR
26041	65b9	smkp	SMMMSNDMSGERR
26042	65ba	smkp	SMMMWRITERR
26043	65bb	smkp	SMMMIMERR
26044	65bc	smkp	SMMMGETMSGERR
26045	65bd	smkp	SMMMREASERR
26046	65be	smkp	SMMMDATAERR
26047	65bf	smkp	SMMMREADERR
26048	65c0	smkp	SMMMSEWAIT
26049	65c1	smkp	SMMMERRTYPE
26050	65c2	smkp	SMMMAREADERR

26051	65c3	smkp	SMMMMDTIMER
26052	65c4	smkp	SMMMSELENGTH
26053	65c5	smkp	SMMMBADINIT
26054	65c6	smkp	SMMMMTMMPH
26055	65c7	smkp	SMMMCACTIMO
26056	65c8	smkp	SMMMMSRCERR
26057	65c9	smkp	SMMMEVCLERR
26058	65ca	smkp	SMMMINV DGN
26059	65cb	smkp	SMMMGLIMIT
26060	65cc	smkp	SMMMDDREAD
26061	65cd	smkp	SMMMDDREAD
26062	65ce	smkp	SMMMNO MPP
26063	65cf	smkp	SMMM BUSTYPERR
26064	65d0	smkp	SMMM BSTATE
26065	65d1	smkp	SMMM TIMOCAD
26066	65d2	smkp	SMMM OSSEND
26067	65d3	smkp	SMMM BIDATA
26068	65d4	smkp	SMMM BMMPH
26069	65d5	smkp	SMMM TBLMSG
26070	65d6	smkp	SMMM TBLREAD
26071	65d7	smkp	SMFOSND
26072	65d8	smkp	SMFINV
26073	65d9	smkp	SMFBDMSG
26074	65da	smkp	SMFBDACK
26075	65db	smkp	SMFACK
26076	65dc	smkp	SMFAUST
26077	65dd	smkp	SMFBD CNT
26078	65de	smkp	SMFBDOS
26079	65df	smkp	SMFPCPTO
26080	65e0	smkp	SMFPCREA
26081	65e1	smkp	SMFPCWGET
26082	65e2	smkp	SMFPCBMSGR
26083	65e3	smkp	SMFPCWAIT
26084	65e4	smkp	SMFPC1SND
26085	65e5	smkp	SMFPC2SND
26086	65e6	smkp	SMFPCMRR
26087	65e7	smkp	SMFPCWMF
26088	65e8	smkp	SMFPCWMT
26089	65e9	smkp	SMFPCSWR
26090	65ea	smkp	SMFPCTMR
26091	65eb	smkp	SMFPCMNF
26092	65ec	smkp	SMFPCINP
26093	65ed	smkp	SMFPCOSWT
26094	65ee	smkp	SMFPCSWE
26095	65ef	smkp	SMFPCCTO
26096	65f0	smkp	SMFPCINSIDE
26097	65f1	smkp	SMFPCDDUPDT
26098	65f2	smkp	SMPOSND
26099	65f3	smkp	SMPINV
26100	65f4	smkp	SMPBDMSG
26101	65f5	smkp	SMPBDACK
26102	65f6	smkp	SMPACK
26103	65f7	smkp	SMPAUST
26104	65f8	smkp	SMPBDCNT
26105	65f9	smkp	SMPBDOS
26106	65fa	smkp	SMPPCREA
26107	65fb	smkp	SMPPCWGET
26108	65fc	smkp	SMPPCBMSGR
26109	65fd	smkp	SMPPCWAIT
26110	65fe	smkp	SMPPC1SND
26111	65ff	smkp	SMPPC2SND
26112	6600	smkp	SMPPCMRR
26113	6601	smkp	SMPPCWMF
26114	6602	smkp	SMPPCWMT
26115	6603	smkp	SMPPCSWR
26116	6604	smkp	SMPPCTMR
26117	6605	smkp	SMPPCMNF
26118	6606	smkp	SMPPCINP
26119	6607	smkp	SMPPCOSWT
26120	6608	smkp	SMPPCSWE
26121	6609	smkp	SMFPCTIME
26122	660a	smkp	SMFPCNOACT

26123	660b	smkp	SMFPCDDBAD
26200	6658	smkp	SMPIUNITERR
26201	6659	smkp	SMPISIDERR
26202	665a	smkp	SMPIPHYSERR
26203	665b	smkp	SMPIITYPERR
26204	665c	smkp	SMPIFROMERR
26205	665d	smkp	SMPIACTIONERR
26206	665e	smkp	SMPISENDMSGERR
26207	665f	smkp	SMPIGETMSGERR
26208	6660	smkp	SMPIREASERR
26209	6661	smkp	SMPISEWAIT
26210	6662	smkp	SMPIERRTYPE
26211	6663	smkp	SMPIOSELENGTH
26212	6664	smkp	SMPIEVCLERR
26213	6665	smkp	SMPIAQERR
26214	6666	smkp	SMPIREADERR
26215	6667	smkp	SMPISRCERR
26216	6668	smkp	SMPIBDMMSG
26217	6669	smkp	SMPIWRITERERR
26218	666a	smkp	SMPIINVDGN
26219	666b	smkp	SMPIPTO
26220	666c	smkp	SMPIBDACK
26221	666d	smkp	SMPIACK
26222	666e	smkp	SMPIPURGE
26223	666f	smkp	SMPIIMATEGET
26224	6670	smkp	SMPISWINSANE
26225	6671	smkp	SMPICONTO
26226	6672	smkp	SMPIINVMMSG
26227	6673	smkp	SMPIWGTERR
26228	6674	smkp	SMPIITMERR
26229	6675	smkp	SMPIRDWRERR
26230	6676	smkp	SMPIINVABT
26231	6677	smkp	SMPIUPDTERR
26232	6678	smkp	SMPIBMSGLNTH
26233	6679	smkp	SMPIOSSNDMSGERR
26234	667a	smkp	SMPIRDERR
26235	667b	smkp	SMPIWTERR
26236	667c	smkp	SMC5TPIP
26237	667d	smkp	SMPICRETBAD
26238	667e	smkp	SMPICRETBAD
26239	667f	smkp	SMPICEVTNOERR
26240	6680	smkp	SMPICLEACCESS
26241	6681	smkp	SMPICLEBADMSG
26242	6682	smkp	SMPIITMCMPIH
26243	6683	smkp	SMPIRDEVER
26244	6684	smkp	SMPINODDACK
26245	6685	smkp	SMPIRSNERR
26246	6686	smkp	SMINV_CMP
26300	66bc	smkp	SMNCINST
26301	66bd	smkp	SMNCINSD
26302	66be	smkp	SMNCINREF
26303	66bf	smkp	SMNCINMD
26304	66c0	smkp	SMNCINUN
26305	66c1	smkp	SMNCIIAAC
26306	66c2	smkp	SMNCINEN
26307	66c3	smkp	SMNCINMS
26308	66c4	smkp	SMNCSPCM
26309	66c5	smkp	SMNCRDCL
26310	66c6	smkp	SMNCADPR
26311	66c7	smkp	SMNCADSR
26312	66c8	smkp	SMNCADXR
26313	66c9	smkp	SMNCBDVR
26314	66ca	smkp	SMNCINAC
26315	66cb	smkp	SMNCFRAC
26316	66cc	smkp	SMNCFRRRC
26317	66cd	smkp	SMNCTTYO
26318	66ce	smkp	SMNCRITL
26319	66cf	smkp	SMNCRIPS
26320	66d0	smkp	SMNCRISS
26321	66d1	smkp	SMNCRIXS
26322	66d2	smkp	SMNCRIRP
26323	66d3	smkp	SMNCRICS

26324	66d4	smkp	SMNCRICE
26325	66d5	smkp	SMNCRER
26326	66d6	smkp	SMNCWTUN
26327	66d7	smkp	SMNCINQ1
26328	66d8	smkp	SMNCINQ2
26329	66d9	smkp	SMNCDATA
26330	66da	smkp	SMNCINBS
26331	66db	smkp	SMNCBDRT
26332	66dc	smkp	SMNCIASD
26333	66dd	smkp	SMNCDBUN
26334	66de	smkp	SMRCSPRD
26335	66df	smkp	SMRCENCI
26336	66e0	smkp	SMRCINER
26337	66e1	smkp	SMRCINEC
26338	66e2	smkp	SMRCINRM
26339	66e3	smkp	SMUNKOPTMS
26340	66e4	smkp	SMERCATTMS
26341	66e5	smkp	SMNULLREATMS
26342	66e6	smkp	SMBADACTTMS
26343	66e7	smkp	SMBADTMSFUNC
26344	66e8	smkp	SMBADUNITTMS
26345	66e9	smkp	SM2WAYTMS
26346	66ea	smkp	SMDBCTSTMS
26347	66eb	smkp	SMIMCTSTMS
26348	66ec	smkp	SMQCNTTMS
26349	66ed	smkp	SMBADNEQTMS
26350	66ee	smkp	SMSLNKTMS
26351	66ef	smkp	SMSETLNKTMS
26352	66f0	smkp	SMDBEQTMS
26353	66f1	smkp	SMLV1IIATMS
26354	66f2	smkp	SMLV0IIATMS
26355	66f3	smkp	SMFABRSTTMS
26356	66f4	smkp	SMTMSDLK
26357	66f5	smkp	SMDBLNKTMS
26358	66f6	smkp	SMOSRTMS
26359	66f7	smkp	SMHMTMS
26360	66f8	smkp	SMUNKFUNTMS
26361	66f9	smkp	CHBUGINITYPE
26362	66fa	smkp	CHBUGERRTYPE
26363	66fb	smkp	CHBUGUNIT
26364	66fc	smkp	CHBUGAQUAL
26365	66fd	smkp	CHBUGACTION
26366	66fe	smkp	CHBUGCLASS
26367	66ff	smkp	CHBUGSMTYPE
26368	6700	smkp	CHBUGSMRTN
26369	6701	smkp	CHBUGEID
26370	6702	smkp	CHBUGCSTENTRY_
26371	6703	smkp	CHBUGREAD
26372	6704	smkp	CHBUGSTATE
26373	6705	smkp	CHBUGTOCAD
26374	6706	smkp	CHBUGSIDE
26375	6707	smkp	CHBUGNCCRTN
26376	6708	smkp	CHBUGMMSTATE
26377	6709	smkp	CHBUGOOSERR
26378	670a	smkp	CHBUGPF
26379	670b	smkp	CHBUGWRITE
26380	670c	smkp	CHBUGSMNUM
26381	670d	smkp	CHBUGTOIIA
26382	670e	smkp	CHBUGUDGR
26383	670f	smkp	SMLIBSWINIT
26384	6710	smkp	SMLIBACT
26385	6711	smkp	SMLIBSNT
26386	6712	smkp	SMLIBCC
26387	6713	smkp	SMLIBSTR
26388	6714	smkp	SMLIBCNR
26389	6715	smkp	SMLIBTYM
26390	6716	smkp	SMLIBVINT
26391	6717	smkp	SMMIBSWINIT
26392	6718	smkp	SMMIBACT
26393	6719	smkp	SMMIBSNT
26394	671a	smkp	SMMIBCC
26395	671b	smkp	SMMIBSIDE

26396	671c	smkp	SMMIBREQ
26397	671d	smkp	SMMIBCINTR
26398	671e	smkp	SMMIBVINT
26399	671f	smkp	SMMIBSIZE
26400	6720	smkp	SMMIMODFAIL
26401	6721	smkp	SMMIBFORLP
26402	6722	smkp	SMMIBAQCPI
26403	6723	smkp	SMDLI_READ
26404	6724	smkp	SMDLIWRTE
26405	6725	smkp	SMDLI_SIDE
26406	6726	smkp	SMDLIANA
26407	6727	smkp	SMDLIAUTISS
26408	6728	smkp	SMDLISMNO
26409	6729	smkp	SMDLIUNIT
26410	672a	smkp	SMDLIMODDATA
26411	672b	smkp	SMDLIREASON
26412	672c	smkp	SMDLIMSG
26413	672d	smkp	SMDLIDDDATA
26414	672e	smkp	CHBUGEINITYPE
26415	672f	smkp	CHBUGPOSTPARM
26416	6730	smkp	CHBUGEUNIT
26417	6731	smkp	CHBUGEVCAUSE
26418	6732	smkp	CHBUGOSWRTN
26419	6733	smkp	CHBUGESIDE
26420	6734	smkp	CHBUGESMTYPE
26421	6735	smkp	CHBUGOSSRTN
26422	6736	smkp	PIASTST
26423	6737	smkp	PIASTCMD
26424	6738	smkp	PIASTSRC
26425	6739	smkp	PIASTACT
26426	673a	smkp	PIASTELP
26427	673b	smkp	PIASTTRG
26428	673c	smkp	PIASTDBR
26429	673d	smkp	PIASTLLS
26430	673e	smkp	PIASTMSG
26431	673f	smkp	PIASTREA
26432	6740	smkp	SMIPINCDATA
26433	6741	smkp	SMIPNCTMOD
26434	6742	smkp	SMTMSCPAUD
26435	6743	smkp	SMNCUNEX
26436	6744	smkp	CHBUGMSGTYPE
26437	6745	smkp	CHBUGDATA
26438	6746	smkp	SMTMCOMM
26550	67b6	smkp	SMINVRSTRT
26551	67b7	smkp	SMRSCREASON
26552	67b8	smkp	SMRSCARG
26553	67b9	smkp	SMRSISPP
26554	67ba	smkp	SMRSINVMODE
26555	67bb	smkp	SMRSINVSEQST
26556	67bc	smkp	SMRSINVEscal
26557	67bd	smkp	SMRSTIMEOUT
26600	67e8	smkp	SMBADODD
26601	67e9	smkp	SMDIVZERO
26602	67ea	smkp	SMBADREASON
26603	67eb	smkp	SMWTSMODEBAD
26604	67ec	smkp	SMREFBADDAT
26700	684c	smkp	SMQGTYPERR
26701	684d	smkp	SMQGFROMERR
26702	684e	smkp	SMQGGGETMSGERR
26703	684f	smkp	SMQGREASERR
26705	6851	smkp	SMQGGACTIONERR
26706	6852	smkp	SMQGAQERR
26707	6853	smkp	SMQGCADTIMO
26708	6854	smkp	SMQGGDDREAD
26709	6855	smkp	SMQGERRTYPE
26710	6856	smkp	SMQGEVCLERR
26711	6857	smkp	SMQGGGLIMIT
26712	6858	smkp	SMQGINVDGN
26713	6859	smkp	SMQGGSELENGTH
26714	685a	smkp	SMQGGSEND
26715	685b	smkp	SMQGGPHYSEERR
26716	685c	smkp	SMQGGREADERR

26718	685e	smkp	SMQGSNDMSGERR
26719	685f	smkp	SMQGSRCERR
26720	6860	smkp	SMQGTIMOCAD
26722	6862	smkp	SMQGWITERR
26723	6863	smkp	SMQGUNITERR
26724	6864	smkp	SMQGSIDERR
26725	6865	smkp	SMQGEVTNOERR
26726	6866	smkp	SMQGBADINIT
26727	6867	smkp	SMQGDUPERR
26728	6868	smkp	SMQGBIDATA
26729	6869	smkp	SMQGTQGPH
26730	686a	smkp	SMQGBQGPH
26731	686b	smkp	SMQGTIMERR
26732	686c	smkp	SMQGDTIMER
26733	686d	smkp	SMQGTIMIDX
26735	686f	smkp	SMQGAUPARM
26736	6870	smkp	SMQGSEWAIT
26737	6871	smkp	SMQGDDWRITE
26738	6872	smkp	SMQGTAGERR
26739	6873	smkp	SMWSTQGPTG
26800	68b0	smkp	SMQCDDRDFL
26801	68b1	smkp	SMQCDDWRFL
26802	68b2	smkp	SMQCINVLE
26803	68b3	smkp	SMQCLESTAT
26804	68b4	smkp	SMQCBRTACK
26805	68b5	smkp	SMQCINVUNIT
26806	68b6	smkp	SMQCINVACT
26807	68b7	smkp	SMQCINVSTATE
26808	68b8	smkp	SMQCDAERR
26810	68ba	smkp	SMQCACTIONERR
26811	68bb	smkp	SMQCPHYSERR
26812	68bc	smkp	SMQLNOMSG
26813	68bd	smkp	SMQLACTERR
26814	68be	smkp	SMQLEVERR
26815	68bf	smkp	SMQLBADMSG
26816	68c0	smkp	SMQLREADERR
26817	68c1	smkp	SMQLSRCERR
26818	68c2	smkp	SMQLPHYSERR
26819	68c3	smkp	SMQLTIMO
26820	68c4	smkp	SMQLOSELENGTH
26821	68c5	smkp	SMQLGETMSGERR
26822	68c6	smkp	SMQLCREATEERR
26823	68c7	smkp	SMQLINVEP
26824	68c8	smkp	SMQLBADERR
26825	68c9	smkp	SMQLSMINDX
26826	68ca	smkp	SMQLBADTMR
26827	68cb	smkp	SMQLEPINDX
26828	68cc	smkp	SMQLBADACT
26829	68cd	smkp	SMQCQEODD
26830	68ce	smkp	SMQCINVPARAM
26831	68cf	smkp	SMQLALARMERR
26832	68d0	smkp	SMQCODDRD
26833	68d1	smkp	SMQCIMSG
26834	68d2	smkp	SMQCSNDER
26835	68d3	smkp	SMQCUMSG
26836	68d4	smkp	SMQCOSRCV
26837	68d5	smkp	SMQCOSER
26838	68d6	smkp	SMQCPCDER
26839	68d7	smkp	SMQCRSTATE

17. 5E14 Numeric Index: 26840-27469

ERROR CODE	PRM CODE	RANGE	MNEMONIC
26840	68d8	smkp	SMQCTOQGP
26841	68d9	smkp	SMQCPSTATE
26842	68da	smkp	SMQCPPAR
26843	68db	smkp	SMQCTOFPC
26844	68dc	smkp	SMQCOPQGP
27000	6978	tm	TMRETRN
27001	6979	tm	TMNORETRN
27002	697a	tm	TMCMPK

27003	697b	tm	TMRECVW
27004	697c	tm	TMSNDPW
27005	697d	tm	TMMSGENAB
27006	697e	tm	TMGETPORT
27007	697f	tm	TMUNERR
27008	6980	tm	TMUNLIST
27009	6981	tm	TMFC_TRUNK
27010	6982	tm	TMSTATUS
27011	6983	tm	TMCGA1ODD
27013	6985	tm	TMNOPORTLA
27014	6986	tm	TMBADLIST
27015	6987	tm	TMDEL_CON
27016	6988	tm	TMWGETMSG
27017	6989	tm	TMOSREASON
27018	698a	tm	TMOSRESTART
27019	698b	tm	TMABTTSK
27020	698c	tm	TMGETMSG
27021	698d	tm	TMSNDMSG
27022	698e	tm	TMOPBADRET
27024	6990	tm	TMNOCCB
27026	6992	tm	TMNONREASON
27027	6993	tm	TMINCRECDATA
27028	6994	tm	TMSMIMSEND
27029	6995	tm	TMDBAML
27030	6996	tm	TMTTSTYPE
27031	6997	tm	TMTTSTDATA
27032	6998	tm	TMCTP
27033	6999	tm	TMTLWSUJOB
27034	699a	tm	TMICMTC
27035	699b	tm	TMDA_TIMER
27036	699c	tm	TMFC_LINE
27038	699e	tm	TMBADDISC
27039	699f	tm	TMBADSTATE
27040	69a0	tm	TMCOMMFAIL
27042	69a2	tm	TMUPPAGE
27043	69a3	tm	TMHMACK
27045	69a5	tm	TMPOSNUM
27048	69a8	tm	TMBDPTYP
27049	69a9	tm	TMDFITIMER
27050	69aa	tm	TMCKTDATA
27051	69ab	tm	TMRTAFAIL
27052	69ac	tm	TMCGAFAIL
27054	69ae	tm	TMUXPMMSG
27055	69af	tm	TMNOMSG
27056	69b0	tm	TMOOSTMR
27057	69b1	tm	TMOHMERR
27058	69b2	tm	TMIHMERR
27060	69b4	tm	TMINV_DATA
27064	69b8	tm	TMPORTLA
27066	69ba	tm	TMPSBADRET
27067	69bb	tm	TMCP TIMEOUT
27068	69bc	tm	TMENDTRN
27069	69bd	tm	TMPGGINFO
27070	69be	tm	TMUMSGNOR
27072	69c0	tm	TMNOTRAN
27073	69c1	tm	TMSKCN
27076	69c4	tm	TMNOTRKG
27078	69c6	tm	TMLITINIT
27079	69c7	tm	TMBADDAY
27080	69c8	tm	TMAPTBADRET
27081	69c9	tm	TMTPCBUF
27082	69ca	tm	TMISPABUF
27083	69cb	tm	TMCFHFAL
27084	69cc	tm	TMISDBHC
27085	69cd	tm	TMCGASTAT
27087	69cf	tm	TMCGATYPE
27088	69d0	tm	TMPCLL
27089	69d1	tm	TMPSATIMER
27090	69d2	tm	TMBADPOLIST
27091	69d3	tm	TMLNKPTLA
27092	69d4	tm	TMULNKPTLA
27093	69d5	tm	TMLNKPOPH

27094	69d6	tm	TMULNKPOPH
27095	69d7	tm	TMLNKIPH
27096	69d8	tm	TMULNKIPH
27097	69d9	tm	TMLNKBPH
27098	69da	tm	TMULNKBPH
27099	69db	tm	TMISINVPORT
27100	69dc	tm	TMNOHIST
27101	69dd	tm	TMPOPHINC
27102	69de	tm	TMPOFC_PINC
27106	69e2	tm	TMCAMATRK
27107	69e3	tm	TMS96SMTB
27108	69e4	tm	TMS96DIODE
27109	69e5	tm	TMS96DDB
27110	69e6	tm	TMDBWS101
27111	69e7	tm	TMDBTLWS
27113	69e9	tm	TMDDREAD
27114	69ea	tm	TMFRDRLN
27115	69eb	tm	TMNOTIMR
27116	69ec	tm	TMLITDUR
27117	69ed	tm	TMOSLTIME
27118	69ee	tm	TMBADLIT_TC
27119	69ef	tm	TMBADPID
27120	69f0	tm	TMBADMSG
27121	69f1	tm	TMCGAPT LA
27122	69f2	tm	TMTERAFAIL
27123	69f3	tm	TMNOCDBCOM
27124	69f4	tm	TMBADM DII
27125	69f5	tm	TMTERAUP
27126	69f6	tm	TMOPNTRN
27127	69f7	tm	TMLITOVFL
27129	69f9	tm	TM RTE_FAIL
27130	69fa	tm	TMBADPARM
27131	69fb	tm	TMD ETIMER
27133	69fd	tm	TMUNKCLS
27134	69fe	tm	TMXSMEST
27135	69ff	tm	TMXPICB
27136	6a00	tm	TMXPORTLA
27137	6a01	tm	TMDNTRAN
27138	6a02	tm	TMOEINFO
27141	6a05	tm	TMMODATT
27142	6a06	tm	TMEQLOC
27143	6a07	tm	TMUXALM TYPE
27145	6a09	tm	TMUXDFITYPE
27146	6a0a	tm	TMBR_KEY
27147	6a0b	tm	TMBR_TRUNK
27148	6a0c	tm	TMTRK_ERR
27149	6a0d	tm	TMINVSCOPE
27150	6a0e	tm	TMISSPP
27151	6a0f	tm	TMISCLCNT
27152	6a10	tm	TMINVPH
27153	6a11	tm	TMUNEXEVNT
27154	6a12	tm	TMINVPRI
27155	6a13	tm	TMINVJOB
27156	6a14	tm	TMDBERRS
27157	6a15	tm	TMGETDPB
27158	6a16	tm	TMUNEXRTN
27159	6a17	tm	TMNOPTYPE
27160	6a18	tm	TMNOMDPATH
27161	6a19	tm	TMBADLPORT
27162	6a1a	tm	TMPOSDBERR
27163	6a1b	tm	TMBR_PHIST
27164	6a1c	tm	TMC_PHIST
27165	6a1d	tm	TMPHIST_FULL
27166	6a1e	tm	TMPH_KEY
27167	6a1f	tm	TMERR_PHIST
27168	6a20	tm	TMBR_LA
27169	6a21	tm	TMC_PORTLA
27170	6a22	tm	TMBR_PRTLST
27171	6a23	tm	TM PRT_FULL
27172	6a24	tm	TMIS_FAIL
27173	6a25	tm	TMERR_PRTLST
27174	6a26	tm	TMBR_PORTTYP

27175	6a27	tm	TMCUR_PORTTYP
27176	6a28	tm	TMERR_PORT
27177	6a29	tm	TMLA_FULL
27178	6a2a	tm	TMLA_KEY
27179	6a2b	tm	TMERR_LA
27180	6a2c	tm	TMDDFAIL
27181	6a2d	tm	TMLOOPDBERR
27182	6a2e	tm	TMACTBFAIL
27183	6a2f	tm	TML3PRIMERR
27184	6a30	tm	TMRMDSLFL
27185	6a31	tm	TMBADWBPRT
27186	6a32	tm	TMDPBINV
27188	6a34	tm	TMNXTPORT
27189	6a35	tm	TMTTATFAIL
27191	6a37	tm	TMSEGMENT
27192	6a38	tm	TMPOSSDERR
27193	6a39	tm	TMAPBDBERR
27194	6a3a	tm	TMDLSDERR
27195	6a3b	tm	TMMSGLOSS
27196	6a3c	tm	TMDSLRMFAIL
27197	6a3d	tm	TMLKTSTTBL
27198	6a3e	tm	TMGETPTSB
27201	6a41	tm	TMUNK_TIMER
27202	6a42	tm	TMCOTCHECK
27204	6a44	tm	TMOSFAP
27208	6a48	tm	TMUNK_VALUE
27209	6a49	tm	TMACCSERR
27210	6a4a	tm	TMZOMBIE
27212	6a4c	tm	TMTAPOSDBERR
27213	6a4d	tm	TMPTRDBERR
27214	6a4e	tm	TMQRYDBERR
27215	6a4f	tm	TMBADDATA
27216	6a50	tm	TMINVPSTAT
27217	6a51	tm	TMINVXLDATA
27219	6a53	tm	XTMSLRLT
27223	6a57	tm	XTMBADMSGEN
27225	6a59	tm	XTMMODATT
27226	6a5a	tm	XTMRTR_FAIL
27227	6a5b	tm	TMSL2TEC
27229	6a5d	tm	XTMNOPTYP
27230	6a5e	tm	TMPCTFERR
27231	6a5f	tm	TMNOTPHPORT
27232	6a60	tm	TMDNOFCPTUP
27233	6a61	tm	TMLNOFCPTUP
27234	6a62	tm	TMTFBADREASON
27235	6a63	tm	TMISPATPC
27236	6a64	tm	TMAUTEILA
27237	6a65	tm	TMRTA5FAIL
27238	6a66	tm	TMISMPATH
27239	6a67	tm	TMPSTRUNKS
27242	6a6a	tm	TMWGMFAIL
27243	6a6b	tm	TMWGTFAIL
27253	6a75	tm	TMNOHCELL
27254	6a76	tm	TMRISDERR
27255	6a77	tm	TMPOSTPERR
27257	6a79	tm	TMOFFPAR
27258	6a7a	tm	TMILSDPOL
27259	6a7b	tm	TMFC_OPRTK
27261	6a7d	tm	TMRMSDBINIT
27263	6a7f	tm	TMCRT_TIMER
27264	6a80	tm	TMREAD_MM
27265	6a81	tm	TMISMRS
27267	6a83	tm	TMIST_TRUNK
27268	6a84	tm	TMRDLI
27269	6a85	tm	TMNOQMSG
27270	6a86	tm	TMISM_GLOBAL
27271	6a87	tm	TMBAD_LMSG
27272	6a88	tm	TMBD_EVNT
27273	6a89	tm	TMBAD_SMSG
27274	6a8a	tm	TMBD_SM
27275	6a8b	tm	TMBD_ACTN
27276	6a8c	tm	TMBD_DLT_DATA

27277	6a8d	tm	TMBD_JOB
27278	6a8e	tm	TMBD_MATESM
27279	6a8f	tm	TMBD_DESTSM
27280	6a90	tm	TMBDATCN
27281	6a91	tm	TMICRFT_MSG
27282	6a92	tm	TMISMHSMDLI
27283	6a93	tm	TMBD_OOSDLI
27284	6a94	tm	TMTMS_INTER
27286	6a96	tm	TMBD_MSG
27287	6a97	tm	TMIV_REFR
27288	6a98	tm	TMSDLI
27289	6a99	tm	TMRTSMBLK
27291	6a9b	tm	TMLOAD_IST
27292	6a9c	tm	TMBD_ISMTYPE
27293	6a9d	tm	TMNOISMPH
27294	6a9e	tm	TMDPB4ISM
27295	6a9f	tm	TMISMSSEND
27296	6aa0	tm	TMUNXP_TIMER
27297	6aa1	tm	TMBD_ACK
27298	6aa2	tm	TMBD_RESP
27299	6aa3	tm	TMCR_ABRT
27300	6aa4	tm	TMBDIN_MSG
27302	6aa6	tm	TMUNK_SM
27304	6aa8	tm	TM_MODATT
27305	6aa9	tm	TMDALHPTPN
27306	6aaa	tm	TMDATPSTAT
27307	6aab	tm	TMDASPTPN
27308	6aac	tm	TMDAMCATPS
27309	6aad	tm	TMDACATPS
27310	6aae	tm	TMINCPTPN
27311	6aaf	tm	TMINCPTTP
27312	6ab0	tm	TMINCPTLH
27313	6ab1	tm	TMGHCATPS
27314	6ab2	tm	TMUNLKLH
27315	6ab3	tm	TMINSTPS
27316	6ab4	tm	TMINSPTPN
27317	6ab5	tm	TMGETLHD
27318	6ab6	tm	TMUPCAMCA
27319	6ab7	tm	TMFC_PORTYP
27320	6ab8	tm	TMFCPRTERR
27321	6ab9	tm	TMX_ISM
27322	6aba	tm	TMCHKSLCPC
27323	6abb	tm	TMSMIDLSTAT
27324	6abc	tm	TMIDLSTAT
27325	6abd	tm	TMIALENDX
27326	6abe	tm	TMIMXJBS
27327	6abf	tm	TMIFNADD
27328	6ac0	tm	TMIFNDEL
27329	6ac1	tm	TMIFNURT
27330	6ac2	tm	TMAQADPERR
27331	6ac3	tm	TMAQDAPERR
27332	6ac4	tm	TMAQMODERR
27334	6ac6	tm	TMOPDBPARM
27348	6ad4	tm	TMPHRTCONG
27351	6ad7	tm	TMFACPROV
27352	6ad8	tm	TMSMEST
27353	6ad9	tm	TMUPDSMEST
27354	6ada	tm	TMINVPROT
27355	6adb	tm	TMS96EQUIP
27359	6adf	tm	TMSLEQUIP
27361	6ae1	tm	TMTEDBLNK
27362	6ae2	tm	TMPMUXPMSG
27363	6ae3	tm	TMINCINTDATA
27364	6ae4	tm	TMOSARGUMENT
27365	6ae5	tm	TMOSCREATE
27366	6ae6	tm	TMOSTIMER
27368	6ae8	tm	TMIMTRKG
27369	6ae9	tm	TMIMT_KS
27370	6aea	tm	TMIMTCKT
27371	6aeb	tm	TMDPBINIT
27372	6aec	tm	TMITDC
27373	6aed	tm	TMITAC

27374	6aee	tm	TMPSTRK_L2
27375	6aef	tm	TMITIS
27376	6af0	tm	TMXDSLEQUIP
27377	6af1	tm	TMPTRMTPER
27378	6af2	tm	TMEISSDBERR
27379	6af3	tm	TMEISSTCHK
27380	6af4	tm	TMEISMSGER
27381	6af5	tm	TMEISDEBUG
27382	6af6	tm	TMEISDYERR
27383	6af7	tm	TMPORTBUSY
27384	6af8	tm	TMNODSLEQUIP
27385	6af9	tm	TMFACSTAT
27386	6afa	tm	TMNOLPT_PT
27387	6afb	tm	TMNOFC_LINE
27388	6afc	tm	TMNOFC_PORT
27389	6afd	tm	TMNOL_SPID
27390	6afe	tm	TMNOSPID
27391	6aff	tm	TMNOPSX25LN
27392	6b00	tm	TMEQUIPLPT
27393	6b01	tm	TMCKTLPORT
27394	6b02	tm	TMODPLPORT
27395	6b03	tm	TMPPDLPORT
27396	6b04	tm	TMNOCKTSOP
27397	6b05	tm	TMNOODPSOP
27398	6b06	tm	TMNOPPSOP
27399	6b07	tm	TMPORTIS
27400	6b08	tm	TMBLRFULL
27402	6b0a	tm	TMEINOREP
27403	6b0b	tm	TMETIMOUT
27404	6b0c	tm	TMEHBFLR
27405	6b0d	tm	TMEPREMT
27406	6b0e	tm	TMEITRSLT
27407	6b0f	tm	TMEIMSGLE
27408	6b10	tm	TMEPRNVLD
27410	6b12	tm	TME_MSUNEX
27411	6b13	tm	TMEI_NORD
27412	6b14	tm	TMBADMAP
27413	6b15	tm	TM_EDDKBD
27414	6b16	tm	TM_EISYSER
27415	6b17	tm	TMEIS_DDUNX
27416	6b18	tm	TMEIS_PSUNX
27417	6b19	tm	TM_DDSMFR
27418	6b1a	tm	TM_DDEIFR
27420	6b1c	tm	TM3INCDATA
27421	6b1d	tm	TMUSNOPRTLA
27422	6b1e	tm	TMELNK_KEY
27423	6b1f	tm	TMEIDSLNRD
27424	6b20	tm	TMLS_LNK
27425	6b21	tm	TMLS_GRP
27426	6b22	tm	TMLGRPMEM
27427	6b23	tm	TMLNKP_LS
27428	6b24	tm	TMGSM_OPC
27429	6b25	tm	TMLNKGRP
27430	6b26	tm	TMCICLKGRP
27431	6b27	tm	TMDPC_DPCI
27432	6b28	tm	TMDPC_INFO
27433	6b29	tm	TMAPC_INFO
27434	6b2a	tm	TMPMTHUD
27435	6b2b	tm	TMSDLCOTYP
27440	6b30	tm	TMSDLLPTYPE
27441	6b31	tm	TMPORTCOND
27442	6b32	tm	TMVPIDB
27444	6b34	tm	TMBADSDLREQ
27452	6b3c	tm	TMGLUPDERR
27454	6b3e	tm	TMCNTFDASP
27462	6b46	tm	TMEIS_SM
27463	6b47	tm	TMGLEISEQ
27464	6b48	tm	TMUXR_GDCHK
27465	6b49	tm	TMGLESNXPR

18. 5E14 Numeric Index: 27470-28299

ERROR CODE	PRM CODE	RANGE	MNEMONIC
27470	6b4e	tm	TMPMFACINT
27473	6b51	tm	TMINVREQ
27474	6b52	tm	TMEQUIPPORT
27475	6b53	tm	TMNOEQUIPDSL
27476	6b54	tm	TMNOGROUP_P
27477	6b55	tm	TMNOLOCEQ
27478	6b56	tm	TMCCSCADN
27479	6b57	tm	TMNOCCODE
27480	6b58	tm	TMNOAMPCI7GR
27481	6b59	tm	TMNOPCI7GR
27482	6b5a	tm	TMNOMODATT
27483	6b5b	tm	TMNOMTBS96
27484	6b5c	tm	TMNOPICB
27485	6b5d	tm	TMNOPRT_GRP
27486	6b5e	tm	TMNOFC_TRUNK
27487	6b5f	tm	TMNORC_EQLOC
27488	6b60	tm	TMNOROUT
27489	6b61	tm	TMNORT_TRKG
27490	6b62	tm	TMPC_MSUSG
27491	6b63	tm	TMPRT6LAB
27492	6b64	tm	TMPRT7LAB
27493	6b65	tm	TMTGRPRK
27504	6b70	tm	TMUPDCADN
27505	6b71	tm	TMRDTARD
27506	6b72	tm	TMGETISMDB
27511	6b77	tm	TMDf2THRSH
27512	6b78	tm	TMFPMFAIL
27513	6b79	tm	TMHISDFIPM
27514	6b7a	tm	TMPRTCLS
27515	6b7b	tm	TMERR_DSLEQ
27516	6b7c	tm	TMFTH_LIT
27517	6b7d	tm	TMRLFACPM
27518	6b7e	tm	TMPMFACGRP
27520	6b80	tm	TMFACTHRSH
27521	6b81	tm	TMRT2DS1
27522	6b82	tm	TMNOTG2SM
27523	6b83	tm	TMBADTG2SM
27524	6b84	tm	TMBADCGATYP
27526	6b86	tm	TMS96ABSIG
27527	6b87	tm	TMCRT2DS1
27529	6b89	tm	TMWDBRD_FAIL
27530	6b8a	tm	TMRT_MISC
27531	6b8b	tm	TMRTLAPD
27532	6b8c	tm	TMPROVERR
27533	6b8d	tm	TMPROVUERR
27535	6b8f	tm	TMPMDSLGRP
27536	6b90	tm	TMPMTHRESH
27538	6b92	tm	TMPVMAPINIT
27540	6b94	tm	TMCKT_PORT
27541	6b95	tm	TMUNIT_CKT
27546	6b9a	tm	TMSTADDFAIL
27547	6b9b	tm	TMA_NOPID
27548	6b9c	tm	TMPRIINVD
27549	6b9d	tm	TMPRI_GRP
27550	6b9e	tm	TMDCHN_PRI
27551	6b9f	tm	TMPRI_FACS
27552	6ba0	tm	TMPRISTINV
27558	6ba6	tm	TMAUDPDA
27559	6ba7	tm	TMAUNOTEILA
27560	6ba8	tm	TMAUDALB
27561	6ba9	tm	TMAUAPDU
27562	6baa	tm	TMAURTMGBUF
27563	6bab	tm	TMINV_APMTYP
27564	6bac	tm	TMA_NOSIG
27565	6bad	tm	TMAUNODALB
27566	6bae	tm	TMDBRDFAIL
27567	6baf	tm	TMUPDERR
27570	6bb2	tm	TMQUEFULL
27571	6bb3	tm	TMFAC_PROV
27572	6bb4	tm	TMAUANQ

27573	6bb5	tm	TMASHTERM
27574	6bb6	tm	TMNODSCNLUP
27575	6bb7	tm	TMGRSORIG
27576	6bb8	tm	TMGRSBUFFUL
27577	6bb9	tm	TMLAB7PRT
27578	6bba	tm	TM7UBLERR
27579	6bbb	tm	TMOUTCINDX7
27580	6bbc	tm	TMNODS1_PT
27581	6bbd	tm	TMC7ERR
27582	6bbe	tm	TME7ERR
27583	6bbf	tm	TMP7ERR
27584	6bc0	tm	TMT7ERR
27585	6bc1	tm	TMGLRDERR
27586	6bc2	tm	TMMC7TZAP
27587	6bc3	tm	TMMC7IFAIL
27588	6bc4	tm	TMMC7TFULL
27589	6bc5	tm	TMIPCI7LAB
27590	6bc6	tm	TMGRSFAIL
27591	6bc7	tm	TMTRANBAD
27592	6bc8	tm	TMMCAHPTLA
27593	6bc9	tm	TMGL7ERR
27594	6bca	tm	TMDCOND
27595	6bcb	tm	TMGDSFFAIL
27596	6bcc	tm	TMCGALIST
27597	6bcd	tm	TMCGACKT
27598	6bce	tm	TMCGAPORT
27599	6bcf	tm	TMCGAC2R
27600	6bd0	tm	TMCGAREL
27601	6bd1	tm	TMCGABLIST
27602	6bd2	tm	TMAUSMEST
27603	6bd3	tm	TMNOCKTDATA
27606	6bd6	tm	TMRPCU2NDN
27607	6bd7	tm	TMAULLM_RDT
27608	6bd8	tm	TMRDT2UNIT
27613	6bdd	tm	TMDS12RT
27614	6bde	tm	TMPMUNIT2RDT
27615	6bdf	tm	TMUNIT2RDT
27616	6be0	tm	TMCFRDT2UNIT
27617	6be1	tm	TMULNKTMR
27618	6be2	tm	TMLNKTMR
27619	6be3	tm	TMIDLETMR
27620	6be4	tm	TMBADTMR
27621	6be5	tm	TMGETTMR
27622	6be6	tm	TMOSTMR
27623	6be7	tm	TMPRT_PCIFAIL
27624	6be8	tm	TMRC_TRKFAIL
27625	6be9	tm	TMRC_TKTXCFAIL
27626	6bea	tm	TMAUUNIT2RDT
27627	6beb	tm	TMPORTLA_DATA
27628	6bec	tm	TMNO_BSERV
27629	6bed	tm	TMAMPCI7GR
27630	6bee	tm	TMPRISTAT_DATA
27631	6bef	tm	TMTEILA_DATA
27632	6bf0	tm	TMC7CADNFAIL
27633	6bf1	tm	TMPRIST_ERR
27634	6bf2	tm	TMXAMPCI7GR
27635	6bf3	tm	TMINHCORC
27636	6bf4	tm	TMINVCLLI
27637	6bf5	tm	TMMISPCI7LAB
27642	6bfa	tm	TMCKTREL
27643	6bfb	tm	TMPRIDST_ERR
27700	6c34	up	UPIMTVSV
27701	6c35	up	UPIMDESV
27702	6c36	up	UPIMHSER
27703	6c37	up	UPBADMH
27704	6c38	up	UPDFADRER
27705	6c39	up	UPIMCDTVM
27706	6c3a	up	UPIMCTTVM
27707	6c3b	up	UPIMCTX
27708	6c3c	up	UPIMCHMM
27709	6c3d	up	UPIMCHADR
27710	6c3e	up	UPIMCHEQU

27711	6c3f	up	UPIMCH2K
27712	6c40	up	UPIMCDA
27713	6c41	up	UPIMRIBH
27714	6c42	up	UPIMRBIH
27715	6c43	up	UPIMRRBH
27716	6c44	up	UPIMRD
27717	6c45	up	UPIMRIL
27718	6c46	up	UPCPLIST
27719	6c47	up	UPIMLIST
27720	6c48	up	UPFAPFAIL
27721	6c49	up	UPPHMSGERR
27722	6c4a	up	UPBADCKT
27723	6c4b	up	UPBADPICB
27724	6c4c	up	UPPHN2PH
27725	6c4d	up	UPCKT2CX
27726	6c4e	up	UPBADADDR
27727	6c4f	up	BADSMPADDR
27728	6c50	up	UPBADMODE
27729	6c51	up	UPODRULK
27730	6c52	up	UPUNITCKT
27731	6c53	up	UPCKTDATA
27732	6c54	up	UPBADSMEST
27733	6c55	up	UPBADSTAT
27734	6c56	up	UPDNCKT
27735	6c57	up	UPSMEST
27736	6c58	up	UPTMXMSG
27800	6c98	ut	UTLAST
27825	6cb1	ama	AMBADMSG
27826	6cb2	ama	AMREASERR
27827	6cb3	ama	AMTIMETOL
27828	6cb4	ama	AMINVRSN
27829	6cb5	ama	AMINVMMSG
27830	6cb6	ama	AMIMBUFFPTR
27831	6cb7	ama	AMIMENTRY
27832	6cb8	ama	AMIMINVSCM
27833	6cb9	ama	AMCPIVSEMSG
27834	6cba	ama	AMCPRECSLOST
27835	6cbb	ama	AMCPTRSTATE
27836	6cbc	ama	AMCPWRSTATE
27837	6cbd	ama	AMCPSQSTATE
27838	6cbe	ama	AMCPTSPSP
27839	6cbf	ama	AMWTSAMEMPTR
27840	6cc0	ama	AMRDSAMEMPTR
27841	6cc1	ama	AMSEDESTBAD
27842	6cc2	ama	AMBCSTINUSE
27843	6cc3	ama	AMBCSTFAIL
27844	6cc4	ama	AMBADDTRIG
27845	6cc5	ama	AMTRTOFAIL
27846	6cc6	ama	AMMDRGPBAD
27847	6cc7	ama	AMMDRSMAPID
27848	6cc8	ama	AMMDRQADD
27849	6cc9	ama	AMMDRQDIST
27850	6cca	ama	AMMDRAMAPID
27851	6ccb	ama	AMLPTFRD
27852	6ccc	ama	AMINVFCA
27853	6ccd	ama	AMFCAXIT
27864	6cd8	ama	AMINVLCOMB
27865	6cd9	ama	AMKINVMSG
27866	6cda	ama	AMKBADPTRS
27867	6cdb	ama	AMKINVRSN
27868	6cdc	ama	AMKNOPVC
27869	6cdd	ama	AMKNOLDVC
27870	6cde	ama	AMKINVTMR
27871	6cdf	ama	AMKMDRMERR
27872	6ce0	ama	AMKSNDERR
27873	6ce1	ama	AMKINVRATE
27874	6ce2	ama	AMKINVSGSZ
27875	6ce3	ama	AMINVLCC
27876	6ce4	ama	AMINVRCL
27877	6ce5	ama	AMNSBADCODE
27880	6ce8	ama	AMVMRNG
27884	6cec	ama	AMINVDATA

27885	6ced	ama	AMBADRBTM
27898	6cfa	ama	AMAIICRFULL
27899	6cfb	ama	AMAINVTIMER
27900	6cfc	ama	AMASETIMER
27902	6cfe	ama	AMCNDUFUP
27917	6d0d	ama	AMFRDTUPFAIL
27918	6d0e	ama	AMKINVDNIC
27919	6d0f	ama	AMICIXSTFST
27920	6d10	ama	AMICIXNXT
27921	6d11	ama	AMCNDFIN
27922	6d12	ama	AMCNDFDL
27923	6d13	ama	AMCNDSTFST
27924	6d14	ama	AMCNDSTNXT
27925	6d15	ama	AMFCLNFRD
27926	6d16	ama	AMLTPTFRD
27927	6d17	ama	AMLASSEV
27928	6d18	ama	AMCNDDA
27929	6d19	ama	AMCNDFRD
27931	6d1b	ama	AMBADSCFAM
27934	6d1e	ama	AMDNWATSFAL
27938	6d22	ama	AMCPNBNCNT
27939	6d23	ama	AMPSX25LN
27940	6d24	ama	AMPSBILLDN
27941	6d25	ama	AMOFFICECODE
27942	6d26	ama	AMODBERR
27943	6d27	ama	AMLASSFT
27944	6d28	ama	AMSDALTM
27945	6d29	ama	AMSCALTM
27946	6d2a	ama	AMSCRLTM
27947	6d2b	ama	AMSCFLTM
27948	6d2c	ama	AMISTMSTFST
27949	6d2d	ama	AMISTMNXT
27950	6d2e	ama	AMINSPFIN
27951	6d2f	ama	AMINSPDA
27952	6d30	ama	AMINSPFDL
27953	6d31	ama	AMINPCNT
27955	6d33	ama	AMEDSLSTFST
27956	6d34	ama	AMEDSLNXT
27957	6d35	ama	AMPCNMFIN
27958	6d36	ama	AMPCNAM
27959	6d37	ama	AMPCNMFDL
27960	6d38	ama	AMPCNMCNT
27961	6d39	ama	AMEDSLFRD
27979	6d4b	ama	AMPMDRAPID
27980	6d4c	ama	AMBCLFRD
27981	6d4d	ama	AMBCGFRD
27982	6d4e	ama	AMBCLSTFST
27983	6d4f	ama	AMBCGSTFST
27984	6d50	ama	AMBCLFDL
27985	6d51	ama	AMBCGFDL
27986	6d52	ama	AMBCLFUP
27987	6d53	ama	AMBCGFUP
27988	6d54	ama	AMBCLSTNXT
27989	6d55	ama	AMBCGSTNXT
27990	6d56	ama	AMBCLFIN
27991	6d57	ama	AMBCGFIN
27992	6d58	ama	AMBCLDA
27993	6d59	ama	AMBCGDA
27994	6d5a	ama	AMLTMNXT
27995	6d5b	ama	AMMHTGNXT
27996	6d5c	ama	AMLTMFST
27997	6d5d	ama	AMMHTGFST
27999	6d5f	ama	AMCNAMFUP
28000	6d60	ama	AMCNAMFIN
28001	6d61	ama	AMCNAMUFUP
28002	6d62	ama	AMCNAMFDL
28003	6d63	ama	AMCNMSTFST
28004	6d64	ama	AMCNMSTNXT
28005	6d65	ama	AMFCCNMFRD
28006	6d66	ama	AMLTMCNFRD
28007	6d67	ama	AMCNAMDA
28008	6d68	ama	AMCNAMFRD

28009	6d69	ama	AMCNAMINT
28010	6d6a	ama	AMCNAMERR
28011	6d6b	ama	AMCNAMDB
28012	6d6c	ama	AMKNOBDN
28013	6d6d	ama	AMKUMTYP
28015	6d6f	ama	AMFRDMHTG
28021	6d75	ama	AMOSPDAGT
28024	6d78	ama	AMCWPtrD
28026	6d7a	cra	CRA_1_ASRT
28027	6d7b	cra	CRA_2_ASRT
28028	6d7c	cra	CRA_3_ASRT
28030	6d7e	cra	CRA_5_ASRT
28032	6d80	cra	CRA_7_ASRT
28034	6d82	cra	CRA_FF_BCI
28036	6d84	cra	CRA_11_ASRT
28037	6d85	cra	CRA_12_ASRT
28038	6d86	cra	CRA_13_ASRT
28039	6d87	cra	CRA_14_ASRT
28040	6d88	cra	CRA_15_ASRT
28041	6d89	cra	CRA_16_ASRT
28043	6d8b	cra	CRACRIDX
28045	6d8d	cra	CRA_20_ASRT
28046	6d8e	cra	CRA_21_ASRT
28047	6d8f	cra	CRA_22_ASRT
28053	6d95	cra	CRA_28_ASRT
28054	6d96	cra	CRA_29_ASRT
28080	6db0	cra	CRAUXDAGT
28082	6db2	cra	CRBNSIDX
28083	6db3	cra	CRBNSBILL
28084	6db4	cra	CRBQRYCNT
28085	6db5	cra	CRINNSBL
28087	6db7	cra	CRAUXEXRS
28088	6db8	cra	CRAUXFARI
28089	6db9	cra	CRAUXFATI
28090	6dba	cra	CRAUXLOSP
28091	6dbb	cra	CRAUXOOR
28092	6dbc	cra	CRAUXUOSP
28093	6dbd	cra	CRBADARG
28094	6dbe	cra	CRINSDYN
28095	6dbf	cra	CROSPDAGT
28096	6dc0	cra	CROSPEXRS
28097	6dc1	cra	CROSPFARI
28098	6dc2	cra	CROSPFATI
28099	6dc3	cra	CRRGLPRM
28100	6dc4	cra	CRUGLPRM
28101	6dc5	cra	CRDELDYN
28102	6dc6	cra	CRA_4_ASRT
28103	6dc7	cra	CRA_6_ASRT
28104	6dc8	cra	CRA_8_ASRT
28105	6dc9	cra	CRA_10_ASRT
28106	6dca	cra	CRA_23_ASRT
28107	6dcb	cra	CRA_24_ASRT
28108	6dcc	cra	CRA_25_ASRT
28109	6dcd	cra	CRA_26_ASRT
28110	6dce	cra	CRA_27_ASRT
28111	6dcf	cra	CRA_30_ASRT
28112	6dd0	cra	CRBCR_NS
28114	6dd2	cra	CROCRGET
28115	6dd3	cra	CRGETPCBLA
28123	6ddb	cra	CRNSBLFRN
28124	6ddc	cra	CRFRNAMA
28275	6e73	opsp	SIOPSMFAIL
28276	6e74	opsp	SIOPINVKEY
28277	6e75	opsp	SIOPINVREAS
28278	6e76	opsp	SIOPWMFAIL
28279	6e77	opsp	SIOPUNMSG
28280	6e78	opsp	SIOPINVSTATE
28281	6e79	opsp	SIOPBBUSY
28282	6e7a	opsp	SIOPBREADY
28283	6e7b	opsp	SIOPBSETUP
28284	6e7c	opsp	SIOPBFINIT
28285	6e7d	opsp	SIOPBFMP

28286	6e7e	opsp	SIOPINVCC
28288	6e80	opsp	SIOPMSGID
28289	6e81	opsp	SIOPHSRGBAD
28290	6e82	opsp	SIOPPRSTATE
28292	6e84	opsp	SIOFLBAD
28293	6e85	opsp	SIOPDDFAIL
28294	6e86	opsp	SIOPRNGFAIL
28295	6e87	opsp	SIOPDBBAD
28296	6e88	opsp	SITERMREAS
28297	6e89	opsp	SIOPREQTYPINV
28298	6e8a	opsp	IN2KALIGN
28299	6e8b	opsp	SIBADOPTYPE

19. 5E14 Numeric Index: 28300-28999

ERROR CODE	PRM CODE	RANGE	MNEMONIC
28300	6e8c	opsp	SINIPINVODRID
28475	6f3b	ccs	CCSP_ENTRY
28476	6f3c	ccs	CCMG_BAD
28477	6f3d	ccs	CCNM_BAD
28478	6f3e	ccs	CCDATA_BAD
28479	6f3f	ccs	CCDARI_BAD
28480	6f40	ccs	CCCHKOPEN
28481	6f41	ccs	CCCHIOCTL
28482	6f42	ccs	CCCHGWBUF
28483	6f43	ccs	CCCHRECV
28484	6f44	ccs	CCCHXMIT
28485	6f45	ccs	CCCHRTN
28486	6f46	ccs	CCDDW_BAD
28487	6f47	ccs	CCMSGQFAIL
28488	6f48	ccs	CCBADDTRG
28489	6f49	ccs	CCNOBUF
28490	6f4a	ccs	CCDDFAIL
28491	6f4b	ccs	CCFAPRET
28492	6f4c	ccs	CCNOTQ
28493	6f4d	ccs	CCNOTMR
28494	6f4e	ccs	CCDBERR
28495	6f4f	ccs	CCBADSTATE
28496	6f50	ccs	CCBADMSG
28497	6f51	ccs	CCP6LABERR
28498	6f52	ccs	CCBADUPART
28499	6f53	ccs	CCP7LABERR
28500	6f54	ccs	CCBADDATA
28501	6f55	ccs	CCNORPB
28502	6f56	ccs	CCLABP7ERR
28503	6f57	ccs	CCOS_BAD
28504	6f58	ccs	CCCLASS_BAD
28505	6f59	ccs	CCPORTBAD
28506	6f5a	ccs	CCFOWNPC
28507	6f5b	ccs	CCDESTROY
28508	6f5c	ccs	CCUNKTDP
28509	6f5d	ccs	CCBADLEN
28510	6f5e	ccs	CCBADDPC
28511	6f5f	ccs	CCSND_KILL
28512	6f60	ccs	CCNOLINK
28513	6f61	ccs	CCSLTEST
28514	6f62	ccs	CCNO_TDP
28515	6f63	ccs	CCSND_NOKILL
28516	6f64	ccs	CCPTDP
28517	6f65	ccs	CCLS_STAT
28518	6f66	ccs	CCLNK_STAT
28519	6f67	ccs	CCPCLSLNK
28520	6f68	ccs	CCDPC_STAT
28521	6f69	ccs	CCLNK_NF
28522	6f6a	ccs	CCLKTSTTBL
28523	6f6b	ccs	CCQPHWQERR
28524	6f6c	ccs	CCS7MDB
28525	6f6d	ccs	CCTRANSER
28535	6f77	ccs	CCINIT_BAD
28536	6f78	ccs	CCDBPORTYP_BAD
28537	6f79	ccs	CCNOTERMPROC

28538	6f7a	ccs	CCNOCCSMMSG
28539	6f7b	ccs	CCIS6MSG_BAD
28540	6f7c	ccs	CCISUPMSG_BAD
28541	6f7d	ccs	CCDBLAB6_BAD
28542	6f7e	ccs	CCRETCODE_BAD
28543	6f7f	ccs	CCDBPCI_BAD
28544	6f80	ccs	CCAMTOUP_BAD
28545	6f81	ccs	CCDPC_ORDER
28546	6f82	ccs	CCIMS3BRD
28547	6f83	ccs	CCIMS3BWT
28548	6f84	ccs	CCIMSBFR
28549	6f85	ccs	CCIMSOPEN
28550	6f86	ccs	CCIMSWRT
28551	6f87	ccs	CCIPMHD
28552	6f88	ccs	CCOSWAKE
28553	6f89	ccs	CCOS_DEL
28554	6f8a	ccs	CCTRSPENT
28555	6f8b	ccs	CCRNBOFV
28557	6f8d	ccs	CCPSIU_FAIL
28558	6f8e	ccs	CCXNOMSG
28559	6f8f	ccs	CCNONREASON
28561	6f91	ccs	CCADSIIENT
28562	6f92	ccs	CCADSIUMSG
28563	6f93	ccs	CCDSICRPT
28564	6f94	ccs	CCDSIIENT
28565	6f95	ccs	CCDSIINSPRC
28566	6f96	ccs	CCDSIUSG
28567	6f97	ccs	CCJBUFBAD
28568	6f98	ccs	CCBADEVENT
28569	6f99	ccs	CCBADJOB
28570	6f9a	ccs	CCMSGNSENT
28571	6f9b	ccs	CCNORESP
28572	6f9c	ccs	CCBADODD
28573	6f9d	ccs	CCNOPHUPD
28575	6f9f	ccs	CCAUPORTLA
28576	6fa0	ccs	CCDDBINIT
28577	6fa1	ccs	CCDDBMPRO
28578	6fa2	ccs	CCDDBMSG
28579	6fa3	ccs	CCDDBOPER
28580	6fa4	ccs	CCDDBRCMP
28581	6fa5	ccs	CCDDBRELID
28582	6fa6	ccs	CCDDBUNPRO
28583	6fa7	ccs	CCNOBFR
28584	6fa8	ccs	CCNOQUE
28585	6fa9	ccs	CCTRIG_BREL
28586	6faa	ccs	CCTRIG_ROP
28587	6fab	ccs	CCSND1TTY
28588	6fac	ccs	CCSND2TTY
28589	6fad	ccs	CCSND3TTY
28590	6fae	ccs	CCHMACK
28592	6fb0	ccs	CCUXPMSG
28593	6fb1	ccs	CCSLMTST
28594	6fb2	ccs	CCRLMDPATH
28595	6fb3	ccs	CCNRESTTY
28596	6fb4	ccs	CCNMSGTTY
28597	6fb5	ccs	CCCTPTTY
28598	6fb6	ccs	CCUXPTTY
28599	6fb7	ccs	CCBADTTY
28600	6fb8	ccs	CCBADFC_TRUNK
28607	6fbf	ccs	XCCSBADMSG
28609	6fc1	ccs	CCMGTYPE_BAD
28610	6fc2	ccs	CCDBLAB7_BAD
28611	6fc3	ccs	CCLAB6PCI
28612	6fc4	ccs	CCDSISND
28615	6fc7	ccs	CCQPHUNINIT
28618	6fca	ccs	CCUPDSTPDB
28619	6fcb	ccs	CCRDTP
28620	6fcc	ccs	CCNODLNMSG
28621	6fcd	ccs	CCDBTC_AP
28622	6fce	ccs	CCDBTC_SS
28623	6fcf	ccs	CCTCBLEN
28624	6fd0	ccs	CCSSNIS

28625	6fd1	ccs	CCSSNOOS
28635	6fdb	ccs	CCQSLSNOMATCH
28636	6fdc	ccs	CC_CCSSTPDB
28637	6fdd	ccs	CC_SNDISSETUP
28644	6fe4	ccs	CCOSRETURN
28647	6fe7	ccs	CCNO_SCMG
28650	6fea	ccs	CCMSUBTYP_BAD
28652	6fec	ccs	CCASMMAPBAD
28653	6fed	ccs	CCBADRC
28654	6fee	ccs	CCSTATE_INVL
28656	6ff0	ccs	CCDCSIBADENTRY
28670	6ffe	ccs	CCBADAPXMSG
28672	7000	ccs	CCLS6LNK
28673	7001	ccs	CCWBTBLOCK
28674	7002	ccs	CCDCSIBDEVNT
28675	7003	ccs	CCDPCTAB
28676	7004	ccs	CCLSTAB
28677	7005	ccs	CCINVMMSG
28678	7006	ccs	CCBAD_COS
28679	7007	ccs	CCQPHODDBAD
28681	7009	ccs	CCBADTID
28682	700a	ccs	CCBADACT
28683	700b	ccs	CCBADICT
28684	700c	ccs	CCODDBAD
28685	700d	ccs	CCTBLFUL
28686	700e	ccs	CCOSBCSTFAIL
28687	700f	ccs	CCBADKEY
28688	7010	ccs	CCRETRN
28692	7014	ccs	CCTYP_CI_CALL
28700	701c	ccs	CCCRBAD
28701	701d	ccs	CCCRBADN
28702	701e	ccs	CCNONALNK
28706	7022	ccs	CCGETRDB
28707	7023	ccs	CCGETXPT
28708	7024	ccs	CCGETRST
28710	7026	ccs	CCRDBXPT
28711	7027	ccs	CCRDBRST
28713	7029	ccs	CCRDBMDB
28714	702a	ccs	CCMDBLSS
28715	702b	ccs	CCLSSMDB
28720	7030	ccs	CCUNINIT
28721	7031	ccs	CCINVCONV
28722	7032	ccs	CCSSBAD
28723	7033	ccs	CCTCSCCP
28724	7034	ccs	CCTCTRANS
28725	7035	ccs	CCTCCOMP
28726	7036	ccs	CCNOGSMRQ
28727	7037	ccs	CCPROTERR
28731	703b	ccs	CCVERBER
28732	703c	ccs	CCBADPSUEVNT
28733	703d	ccs	CCBADREQ
28734	703e	ccs	CCUNKINIT
28735	703f	ccs	CCSNDBAD
28737	7041	ccs	CCAPXBADDATA
28738	7042	ccs	CCADDLSMCC
28739	7043	ccs	CCDELLSMCC
28740	7044	ccs	CCDSLEQUIP
28741	7045	ccs	CCINVILSDF
28742	7046	ccs	CCHMMCCMUPD
28743	7047	ccs	CCINVMCCACT
28745	7049	ccs	CCITT7LSMCC
28746	704a	ccs	CCMCCSTATE
28747	704b	ccs	CCPORTLA
28749	704d	ccs	CCOFF_PAR
28750	704e	ccs	CCINVPAGE
28751	704f	ccs	CCT7NOTLOADED
28752	7050	ccs	CCINVGSM
28753	7051	ccs	CCGSMNET
28754	7052	ccs	CCNETGSM
28755	7053	ccs	CCILSDPOL
28756	7054	ccs	CCPRST_BAD
28757	7055	ccs	CCTFPR_DPC

28758	7056	ccs	CCPHRDERR
28759	7057	ccs	CCS7PSA
28760	7058	ccs	CCDBPRT_PCI_BAD
28761	7059	ccs	CCDBRT_TRKG_BAD
28762	705a	ccs	CCSIGTYPE_RT_TRKG
28763	705b	ccs	CCHMMCCUPD
28764	705c	ccs	CCINVMCFLAG
28765	705d	ccs	CCHMMCCPT
28766	705e	ccs	CCALLOCERR
28767	705f	ccs	CCQUEUEMNERR
28768	7060	ccs	CCSRETURN
28769	7061	ccs	CCNTFYFAIL
28770	7062	ccs	CCFCCC_ISC
28771	7063	ccs	CCSDNBRET
28772	7064	ccs	CCINCLS
28773	7065	ccs	CCINCLNK
28780	706c	ccs	CCGSMPRTERR
28781	706d	ccs	CCBADSRCH
28783	706f	ccs	CCBADCPSTATE
28784	7070	ccs	CCSSDSP_ENTRY
28785	7071	ccs	CCSSD_FULL
28786	7072	ccs	CCSSD_OSWBAD
28787	7073	ccs	CCSSD_TAGBAD
28788	7074	ccs	CCSDAU_SPP
28789	7075	ccs	CCSDRQ_SPP
28790	7076	ccs	CCNOCHKINTMR
28791	7077	ccs	CCMTPINITFAIL
28792	7078	ccs	CCDATIMER
28794	707a	ccs	CCLGRPMEM
28796	707c	ccs	CCCLS_STAT
28797	707d	ccs	CCCKTCDDIG
28798	707e	ccs	FCPCC_CC
28799	707f	ccs	CCBLNDAS
28800	7080	ccs	CCBGRPNET
28801	7081	ccs	CCBNETGRP
28802	7082	ccs	CCLNBRET
28803	7083	ccs	CCLNPKG
28804	7084	ccs	CCSDNPKG
28805	7085	ccs	CCASPNLOAD
28806	7086	ccs	CCUNEXP_STATE
28807	7087	ccs	CCBADNS_TN
28808	7088	ccs	CCINVSLSTAT
28809	7089	ccs	CCINVSDL
28810	708a	ccs	CCGSMTBL
28811	708b	ccs	CCDLNINV
28813	708d	ccs	CCFIXITY
28814	708e	ccs	CCMPCTABL
28815	708f	ccs	CCMSGVAL
28821	7095	ccs	CCCLDNOA
28822	7096	ccs	CCINVFCOS
28823	7097	ccs	CCINVCIRCODE
28824	7098	ccs	CCSIG_CICALL
28825	7099	ccs	CCINVROLE
28827	709b	ccs	CCGETDPB
28828	709c	ccs	CCMDUNKACT
28829	709d	ccs	CCAODRBAD
28830	709e	ccs	CCRDICCSST
28831	709f	ccs	CCDBSYSERR
28832	70a0	ccs	CCACBADMSG
28833	70a1	ccs	CCTMMC7SNDRET
28834	70a2	ccs	CCPKTINVAL
28835	70a3	ccs	CCSCVERE
28836	70a4	ccs	CCNMMBGBK
28837	70a5	ccs	CCTRANBAD
28838	70a6	ccs	CCZOMBIE
28839	70a7	ccs	CCTPTBDP
28840	70a8	ccs	CCMBG2BG
28841	70a9	ccs	CCRT_TG
28842	70aa	ccs	CCMBG2TG
28843	70ab	ccs	CCXPSYNC
28844	70ac	ccs	CCOC_UNKFAC
28845	70ad	ccs	CCPORTCOND

28846	70ae	ccs	CCHMERR
28847	70af	ccs	CCSNOTUP
28848	70b0	ccs	CCSDPCSSN
28849	70b1	ccs	CCTBLDFAIL
28850	70b2	ccs	CCINRSPEVNT
28851	70b3	ccs	CCJIPFL
28852	70b4	ccs	CCFCAOVFL
28859	70bb	ccs	CCBADAMTKGP
28860	70bc	ccs	CCBADAMCMCID
28861	70bd	ccs	CCOSPSMON
28863	70bf	ccs	CCINVPLAT
28864	70c0	ccs	CCPLATINV
28865	70c1	ccs	CCHOPCNT
28866	70c2	ccs	CCEXCHRTG
28877	70cd	ccs	CCAPPL_PLAT
28878	70ce	ccs	CCLDPSP2
28879	70cf	ccs	CCINVTNSC
28880	70d0	ccs	CCLDPSP1
28881	70d1	ccs	CCFEATNOTSUP
28882	70d2	ccs	CCGETAPCSTAT
28883	70d3	ccs	CCAPCRES
28884	70d4	ccs	CCGETRESTRMTR
28885	70d5	ccs	CCINVALIDTRA
28888	70d8	ccs	CCCUTTHRU
28889	70d9	ccs	CCPORTLA_DATA
28890	70da	ccs	CCACCTCODE
28891	70db	ccs	CCAPC_STAT
28892	70dc	ccs	CCAPCI_APC
28895	70df	ccs	CCNORTDATA
28897	70e1	ccs	CC_MSGBAD
28898	70e2	ccs	CCTRMFEAT
28903	70e7	ccs	CCTMHTBLERR
28905	70e9	ccs	CCTXNDATA
28906	70ea	ccs	CCTXNINFO
28909	70ed	ccs	CCGSMI_BAD
28910	70ee	ccs	CCMTOCSTAT_BAD
28911	70ef	ccs	CCCMTUNEQ
28912	70f0	ccs	CCINVCALLTYPE
28913	70f1	ccs	CCOGRMEM
28916	70f4	ccs	CCDNFEAT
28918	70f6	ccs	CCSTFPUPC
28925	70fd	ccs	CCVQIDERR
28926	70fe	ccs	CCINCGRP
28927	70ff	ccs	CCSMMIBF
28928	7100	ccs	CCSMUNXM
28929	7101	ccs	CCSMMRDF
28930	7102	ccs	CCSMRSTR
28931	7103	ccs	CCSMMDLI
28932	7104	ccs	CCSMMIBM
28933	7105	ccs	CCSMEMQC
28934	7106	ccs	CCSMEMQE
28935	7107	ccs	CCSMEMQF
28936	7108	ccs	CCSMIMBF
28937	7109	ccs	CCSMMSGI
28938	710a	ccs	CCSMMSTI
28939	710b	ccs	CCSMSFRC
28940	710c	ccs	CCSMTMRR
28941	710d	ccs	CCSMEMQP
28942	710e	ccs	CCSMPARG
28943	710f	ccs	CCSMSJNS
28944	7110	ccs	CCSMTMRL
28946	7112	ccs	CCSCBADADDR
28947	7113	ccs	CCSCBADLGTH
28948	7114	ccs	CCSCBADMSG
28949	7115	ccs	CCNOSCMT
28950	7116	ccs	CCTABSZE
28952	7118	ccs	CCCASE_BAD_SW
28953	7119	ccs	CCC7LOSS_INV
28954	711a	ccs	CCC7RCG_INV
28955	711b	ccs	CCC7LCG_INV
28961	7121	ccs	CCSGSMNET
28962	7122	ccs	CCSINDXI

28963	7123	CCS	CC_DPCIND
28966	7126	CCS	CCNA7MSGIN
28967	7127	CCS	CCBCSTQFL
28968	7128	CCS	CCSSSNINV
28969	7129	CCS	CCSMDLSTAR
28970	712a	CCS	CCSFTPSCMG
28973	712d	CCS	CCSCMPREL
28974	712e	CCS	CCSNETGSM
28975	712f	CCS	CCSBKINV
28976	7130	CCS	CCCLD_ELAUD
28977	7131	CCS	CCCNG_ELAUD
28978	7132	CCS	CCADM_ELAUD
28979	7133	CCS	CCTAB_ID_BAD
28980	7134	CCS	CCREASNBAD
28990	713e	CCS	CCDBDSAPP
28991	713f	CCS	CCTATYPE
28992	7140	CCS	CCQIWKEY
28997	7145	CCS	CCTCINVAPP
28998	7146	CCS	CCPS_CHNG

20. 5E14 Numeric Index: 29000-30039

ERROR CODE	PRM CODE	RANGE	MNEMONIC
29000	7148	CCS	CCTBL_ERAUD
29001	7149	CCS	CCTYP_ERAUD
29002	714a	CCS	CCINFOERAUD
29003	714b	CCS	CCFXDGERR
29004	714c	CCS	CCPRSQERR
29005	714d	CCS	CCNTGSMERR
29006	714e	CCS	CCINSSNERR
29008	7150	CCS	CCSAEASCCP
29010	7152	CCS	CCNOMEM
29018	715a	CCS	CCLNVRT
29022	715e	CCS	CCNOHSHTIMER
29023	715f	CCS	CCLOMEMSM
29026	7162	CCS	CCNOLCK
29028	7164	CCS	CCFULLDPC
29039	716f	CCS	CCBNS_IDX
29040	7170	CCS	CCBCR_NS
29041	7171	CCS	CCERRAILS
29042	7172	CCS	CCICRMEM
29043	7173	CCS	CCHSHNOTDONE
29044	7174	CCS	CCBDRTSD
29045	7175	CCS	CCINVDPCI
29046	7176	CCS	CCSCNMINFAIL
29047	7177	CCS	CCGSCINIT
29055	717f	CCS	CCBCDOVFL
29064	7188	CCS	CCINSFLSM
29068	718c	CCS	CCS7RDB
29069	718d	CCS	CCBCDGOVFL
29089	71a1	CCS	CCCLU_RDB
29094	71a6	CCS	CCGENS7MDB
29096	71a8	CCS	CCXDPCXLIST
29119	71bf	CCS	CCBAD_CACHE
29120	71c0	CCS	CCBAD_LNK_MNG
29121	71c1	CCS	CCBAD2_CACHE
29127	71c7	CCS	CCDPCTA2
29128	71c8	CCS	CCDPC_S2
29129	71c9	CCS	CCDBERR2
29130	71ca	CCS	CCINVMRISP
29131	71cb	CCS	CCGETCLAPCRDB
29132	71cc	CCS	CCCLAPCRDB
29133	71cd	CCS	CCCLARDB
29134	71ce	CCS	CCCLACLU
29135	71cf	CCS	CCCLAMDB
29136	71d0	CCS	CCGETCLURDB
29138	71d2	CCS	CCCRDBXLIST
29139	71d3	CCS	CCGETCLU_STAT
29140	71d4	CCS	CCCLU_STAT
29141	71d5	CCS	CCCLUPCI
29142	71d6	CCS	CCCLUSCCP

29144	71d8	ccs	CCCLUSTERORDER
29145	71d9	ccs	CCGETLORSTMR
29146	71da	ccs	CCLORSTMR
29147	71db	ccs	CCLORSTRDB
29148	71dc	ccs	CCLORSTCLU
29149	71dd	ccs	CCLORSTXLIST
29150	71de	ccs	CCGETNET_STAT
29151	71df	ccs	CCNET_STAT
29152	71e0	ccs	CCNETPCI
29153	71e1	ccs	CCNETSCCP
29154	71e2	ccs	CCNETXDPC
29155	71e3	ccs	CCNETWORKORDER
29156	71e4	ccs	CCGETPCL_RTE
29157	71e5	ccs	CCPCI_RTE
29160	71e8	ccs	CCGETSCCP_STAT
29161	71e9	ccs	CCSCCP_STAT
29162	71ea	ccs	CCGETXDPCSTAT
29163	71eb	ccs	CCXDPCSTAT
29165	71ed	ccs	CCGETXLIST
29166	71ee	ccs	CCXLIST
29167	71ef	ccs	CCGETXLISTMR
29168	71f0	ccs	CCCXLISTMR
29169	71f1	ccs	CCCXTMRXLIST
29170	71f2	ccs	CCDPCPCI
29171	71f3	ccs	CCDPCSCCP
29174	71f6	ccs	CCRSTCLU
29175	71f7	ccs	CCRCGTMR
29176	71f8	ccs	CCDPCRCG
29177	71f9	ccs	CCCONGTYPE
29180	71fc	ccs	CCBADCONGUPD
29182	71fe	ccs	CCNOGSMI
29183	71ff	ccs	CCGETRCG
29184	7200	ccs	CCLVLCG
29185	7201	ccs	CCGTRCGTMR
29188	7204	ccs	CCPP_TRUNK
29189	7205	ccs	CCPP_CF
29190	7206	ccs	CCRSTXLIST
29191	7207	ccs	CCRCGXDPD
29192	7208	ccs	CCCLUXDPC
29193	7209	ccs	CCCLUSTNUM
29194	720a	ccs	CCPCINUM
29195	720b	ccs	CCXLUNEXRET
29196	720c	ccs	CCOPCGSM2
29225	7229	ccs	CCUIDMBGBK
29375	72bf	cmram	CMDDLSTATE
29376	72c0	cmram	CMDDLTIM
29377	72c1	cmram	CMDDLPARAM
29378	72c2	cmram	CMDDLPCR
29379	72c3	cmram	CMDDLPKT
29380	72c4	cmram	CMDDLRETC
29381	72c5	cmram	CMDDLRCCLDATA
29382	72c6	cmram	CMOSSIGNAL
29383	72c7	cmram	CMNOICC
29384	72c8	cmram	CMDDLDATA
29385	72c9	cmram	CMDDLIDLE
29386	72ca	cmram	CMDDLCC
29387	72cb	cmram	CMDDLCCG
29388	72cc	cmram	CMFAC2RCLNUL
29389	72cd	cmram	CMCKT2PICBNUL
29575	7387	acd	ACABNCQ
29576	7388	acd	ACABNCQOWN
29577	7389	acd	ACFDCCLTQ
29578	738a	acd	ACFDCNOCT
29579	738b	acd	ACFDCNEG
29580	738c	acd	ACFDCQ
29581	738d	acd	ACFDSSTQ
29582	738e	acd	ACITGPCR
29583	738f	acd	ACOCNPCR
29584	7390	acd	ACOSTSTQ
29585	7391	acd	ACOSTSRVT
29586	7392	acd	ACOSTNOST
29587	7393	acd	ACREQCLTQ

29588	7394	acd	ACRMCLLF
29589	7395	acd	ACREQSRVT
29590	7396	acd	ACREQNEG
29591	7397	acd	ACREQNOST
29592	7398	acd	ACSFCOLOG
29593	7399	acd	ACSFCNLOG
29594	739a	acd	ACUPDSRVT
29595	739b	acd	ACUPDRS
29596	739c	acd	ACUPDAT
29597	739d	acd	ACACDBMG
29598	739e	acd	ACFDCBCT
29599	739f	acd	ACPSAOCR
29600	73a0	acd	ACPSASTQ
29601	73a1	acd	ACREQNOCT
29602	73a2	acd	ACREQBIR
29603	73a3	acd	ACREQBFR
29604	73a4	acd	ACMTMNOW
29605	73a5	acd	ACMTMNOP
29606	73a6	acd	ACMTMERR
29607	73a7	acd	ACMTMDB
29608	73a8	acd	ACCDNOTC
29609	73a9	acd	ACCDANTC
29610	73aa	acd	ACORNOCT
29611	73ab	acd	ACORANCT
29612	73ac	acd	ACPSNOST
29613	73ad	acd	ACPSANST
29614	73ae	acd	ACPTMNWR
29615	73af	acd	ACPTMNPR
29616	73b0	acd	ACCDNOTK
29617	73b1	acd	ACCDANTK
29618	73b2	acd	ACRFNOST
29619	73b3	acd	ACRFANST
29620	73b4	acd	ACPTMNOW
29621	73b5	acd	ACPTMNOP
29622	73b6	acd	ACASVSTQ
29623	73b7	acd	ACASVPST
29624	73b8	acd	ACASVSRVT
29625	73b9	acd	ACASVDB
29626	73ba	acd	ACBSSTQ
29627	73bb	acd	ACBSSRVT
29628	73bc	acd	ACBSDB
29629	73bd	acd	ACBSPST
29630	73be	acd	ACLGNMSG
29631	73bf	acd	ACLGNLOG
29632	73c0	acd	ACLGTSTQ
29633	73c1	acd	ACLGTPS
29634	73c2	acd	ACLGTSRVT
29635	73c3	acd	ACLGTDB
29636	73c4	acd	ACLGTLOG
29637	73c5	acd	ACQCLCQ
29638	73c6	acd	ACQCLCLTQ
29639	73c7	acd	ACQCLDB
29640	73c8	acd	ACRMCCQ
29641	73c9	acd	ACRMCCLTQ
29642	73ca	acd	ACRMADB
29643	73cb	acd	ACSTADB
29644	73cc	acd	ACSTCLTQ
29645	73cd	acd	ACACKPC
29646	73ce	acd	ACACKMSG
29647	73cf	acd	ACICLCTFO
29648	73d0	acd	ACICLCLTQ
29649	73d1	acd	ACICLDEF
29650	73d2	acd	ACISVSTFO
29651	73d3	acd	ACISVSVTM
29652	73d4	acd	ACISVDEF
29653	73d5	acd	ACILGOLGN
29654	73d6	acd	ACILGLOG
29655	73d7	acd	ACILGDEF
29656	73d8	acd	ACITQPPRT
29657	73d9	acd	ACITQSTQ
29658	73da	acd	ACITQDEF
29659	73db	acd	ACITQSVTM

29660	73dc	acd	ACITQLNK
29661	73dd	acd	ACICQCLTQ
29662	73de	acd	ACICQCQ
29663	73df	acd	ACICQLNK
29664	73e0	acd	ACMTQCLTQ
29665	73e1	acd	ACMTQSVTM
29666	73e2	acd	ACMTQRSTQ
29667	73e3	acd	ACMTQRCQ
29668	73e4	acd	ACCWTPDB
29669	73e5	acd	ACMTQGSTQ
29670	73e6	acd	ACMTQGCQ
29671	73e7	acd	ACTPEICLQ
29672	73e8	acd	ACTPECLTQ
29673	73e9	acd	ACTSTSVTM
29674	73ea	acd	ACTLGILGN
29675	73eb	acd	ACTLGD LGN
29676	73ec	acd	ACTLGLGN
29677	73ed	acd	ACTLGSTQ
29678	73ee	acd	ACTLGSVTM
29679	73ef	acd	ACTLGERRN
29680	73f0	acd	ACTLGRSTQ
29681	73f1	acd	ACTLGTSTQ
29682	73f2	acd	ACTLGDEF
29683	73f3	acd	ACTPTISTQ
29684	73f4	acd	ACTPTLNK
29685	73f5	acd	ACTPTSVTM
29686	73f6	acd	ACTPTSTQ
29687	73f7	acd	ACTPTUNLK
29688	73f8	acd	ACTPTDSTQ
29689	73f9	acd	ACADMHCQ
29690	73fa	acd	ACACWSVTM
29691	73fb	acd	ACACWMSG
29692	73fc	acd	ACACWMDT
29693	73fd	acd	ACPCWPDB
29694	73fe	acd	ACPCWNOW
29695	73ff	acd	ACPCWMSG
29696	7400	acd	ACPCWPRT
29697	7401	acd	ACRMCLNK
29698	7402	acd	ACRMCMMSG
29699	7403	acd	ACMTQLNK
29700	7404	acd	ACMTQASTQ
29701	7405	acd	ACABNLNK
29702	7406	acd	ACLGCLTQ
29703	7407	acd	ACLGLNK
29704	7408	acd	ACQCLINK
29705	7409	acd	ACIRQSTQ
29706	740a	acd	ACIRQPST
29707	740b	acd	ACPTSPDB
29708	740c	acd	ACPTSPRT
29709	740d	acd	ACPTLPDB
29710	740e	acd	ACPTLPRT
29711	740f	acd	ACPTLSTM
29712	7410	acd	ACPTLTDB
29713	7411	acd	ACCTDETF
29717	7415	acd	ACLOGDEF
29718	7416	acd	ACORNIST
29719	7417	acd	ACORNISF
29720	7418	acd	ACREQIST
29721	7419	acd	ACREQIFH
29722	741a	acd	ACOSNOIF
29723	741b	acd	ACOSNOIH
29724	741c	acd	ACECTDTG
29725	741d	acd	ACECTDDX
29726	741e	acd	ACCTDETQ
29727	741f	acd	ACISVISTP
29728	7420	acd	ACTISTSVT
29729	7421	acd	ACORRRER
29730	7422	acd	ACORUNKR
29731	7423	acd	ACRCTDIF
29732	7424	acd	ACRCTDER
29733	7425	acd	ACICTDRL
29734	7426	acd	ACNTRSRVT

29735	7427	acd	ACNTRBGR
29736	7428	acd	ACNTRINV
29737	7429	acd	ACTIFIUTM
29738	742a	acd	ACFDCNSST
29739	742b	acd	ACQRFNST
29740	742c	acd	ACFDSSPTM
29741	742d	acd	ACREQCQ
29742	742e	acd	ACISVIFLW
29743	742f	acd	ACTSTUSTM
29744	7430	acd	ACQXNOCT
29745	7431	acd	ACQRYNST
29746	7432	acd	ACQRYNCT
29747	7433	acd	ACQXCQDB
29748	7434	acd	ACNQRYST
29749	7435	acd	ACNQRYCT
29750	7436	acd	ACQRYCTN
29751	7437	acd	ACQRYWQT
29752	7438	acd	ACQXFRCQ
29753	7439	acd	ACICQGP1
29754	743a	acd	ACICQGP2
29755	743b	acd	ACICQGP3
29756	743c	acd	ACICQGP4
29757	743d	acd	ACTPEGP1
29758	743e	acd	ACTPEGP2
29759	743f	acd	ACTPECL1
29760	7440	acd	ACTPECL2
29761	7441	acd	ACTPECL3
29762	7442	acd	ACTPECQ
29763	7443	acd	ACTPELNK
29764	7444	acd	ACQRFNCT
29768	7448	acd	ACREQNST
29769	7449	acd	ACBADCCQDB
29770	744a	acd	ACCQDETRD
29771	744b	acd	ACRIVLGN
29783	7457	acd	ACICTDLP
29975	7517	oa	OANFTLDB
29976	7518	oa	OAD_RTMSG
29977	7519	oa	OABAD_INT_MSG
29978	751a	oa	OAAPB_TMRFAIL
29979	751b	oa	OABADRET
29980	751c	oa	OABADSTATE
29981	751d	oa	OAINV_QRY_DATA
29982	751e	oa	OABAD_EXT_MSG
29983	751f	oa	OAACC_TIMO
29984	7520	oa	OAACC_TYPE
29985	7521	oa	OAPARM_RDF
29986	7522	oa	OAMNTDTMRF
29987	7523	oa	OAMNTD_TMRO
29988	7524	oa	OABADPARM
29989	7525	oa	OAMNTD_IMTXT
29990	7526	oa	OAMNTGTMRF
29991	7527	oa	OAMNTG_PHF
29992	7528	oa	OABRDG_FAL
29993	7529	oa	OASEND_FAL
29994	752a	oa	OADEAC_TMRO
29995	752b	oa	OA0000
29996	752c	oa	OAPOS_STILMON
29997	752d	oa	OAMNUNXCLR
29998	752e	oa	OAUNXREL
29999	752f	oa	OA0004
30000	7530	oa	OAPTRFAIL
30001	7531	oa	OAACCSFAIL
30002	7532	oa	OAQRYFAIL
30003	7533	oa	OACCMODF
30004	7534	oa	OAAPBFAIL
30005	7535	oa	OAQRYMODF
30006	7536	oa	OANORTGEN
30007	7537	oa	OANULEMG
30008	7538	oa	OABADQUE
30009	7539	oa	OAPOS_LPRT
30010	753a	oa	OATPSITP
30011	753b	oa	OATPSGTP

30012	753c	oa	OATPSDTP
30013	753d	oa	OADIGCOSERR
30014	753e	oa	OADIGKEYERR
30015	753f	oa	OATKCRERR
30016	7540	oa	OACFCRERR
30017	7541	oa	OADNNERR
30018	7542	oa	OACNERR
30019	7543	oa	OAPUR_PROC
30020	7544	oa	OABAD_DA_RET
30021	7545	oa	OABAD_REQ_TYPE
30022	7546	oa	OABAD_TA_TYPE
30023	7547	oa	OABAD_TRK_GRP
30024	7548	oa	OABAD_2TK_GRP
30025	7549	oa	OARTCRERR
30026	754a	oa	OASACERR
30027	754b	oa	OASACDRIERR
30028	754c	oa	OA0033
30029	754d	oa	OALPRTPOSF
30030	754e	oa	OALPRTACCSF
30031	754f	oa	OAPTRLNKF
30032	7550	oa	OASTIN_RD
30033	7551	oa	OAPSLPRTRD
30034	7552	oa	OARMIDLEF
30035	7553	oa	OAATAPF
30036	7554	oa	OAABUSYF
30037	7555	oa	OARMTAPF
30038	7556	oa	OARMBUSYF
30039	7557	oa	OA_INVLDTYP

21. 5E14 Numeric Index: 30040-30409

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30040	7558	oa	OAIDLEF
30041	7559	oa	OA0046
30042	755a	oa	OAANRIREAS
30043	755b	oa	OA0048
30044	755c	oa	OAOPSTLVL
30045	755d	oa	OA0050
30046	755e	oa	OATFSTLVL
30047	755f	oa	OAIFATPDB
30048	7560	oa	OATAVT_A
30049	7561	oa	OAIFRV
30050	7562	oa	OAIFNAR
30051	7563	oa	OAUMSGWR
30052	7564	oa	OA0057
30053	7565	oa	OA0058
30054	7566	oa	OA0059
30055	7567	oa	OARATECONN
30056	7568	oa	OABADZNEXT
30057	7569	oa	OALPSGFL
30058	756a	oa	OA_OSCNM
30059	756b	oa	OACLG_BAD
30060	756c	oa	OAD_UNACMSG
30061	756d	oa	OAD_BADPOSID
30062	756e	oa	OAD_BADESTID
30063	756f	oa	OAD_SRSPFL
30064	7570	oa	OABILL_BAD
30065	7571	oa	OABRSN_AQTP
30066	7572	oa	OABADRANGE
30067	7573	oa	OANO_TCB
30068	7574	oa	OAWSETUXM
30069	7575	oa	OAWDISUXM
30070	7576	oa	OASTWACKUXM
30071	7577	oa	OAQWSZUXM
30072	7578	oa	OAQWANUXM
30073	7579	oa	OAQANTKUXM
30074	757a	oa	OAQWACKUXM
30075	757b	oa	OATTKUXM
30076	757c	oa	OAACNBFL
30077	757d	oa	OAACNIFL
30078	757e	oa	OACNLKFL

30079	757f	oa	OALINETERM
30080	7580	oa	OAPICBNT
30081	7581	oa	OAPICBNM
30082	7582	oa	OAFCTRNT
30083	7583	oa	OAFCTRNM
30084	7584	oa	OAF COPNT
30085	7585	oa	OAF COPNM
30086	7586	oa	OANODALB
30087	7587	oa	OA_AQSENDL
30088	7588	oa	OA_RSTPID
30089	7589	oa	OA_RSTTM
30090	758a	oa	OA_DNMSGTO
30091	758b	oa	OA_AQONHK
30092	758c	oa	OA_AQUNMSG
30093	758d	oa	OABADPROG
30094	758e	oa	OASTINDATA
30095	758f	oa	OACCPCTUP
30096	7590	oa	OABLVSCRN
30097	7591	oa	OABLVEXCL
30098	7592	oa	OAD_BCTME
30099	7593	oa	OAD_BSTME
30100	7594	oa	OAD_BDRSTRT
30101	7595	oa	OAD_BADFLAG
30102	7596	oa	OANO_OTP
30103	7597	oa	OABADDEST
30104	7598	oa	OACRMTR
30105	7599	oa	OAOLSERR
30106	759a	oa	OABK_NOT_ACQS
30107	759b	oa	OATRNCATED
30108	759c	oa	OAD_OSENDL
30109	759d	oa	OAD_LSNOMAT
30110	759e	oa	OAD_OSWGETFL
30111	759f	oa	OAOTR_VLDL
30112	75a0	oa	OASENDMSGFL
30113	75a1	oa	OACNNLKD
30114	75a2	oa	OARCNBFL
30115	75a3	oa	OARCNIFL
30116	75a4	oa	OACARD_4FAIL
30117	75a5	oa	OANCDCOC_BAD
30118	75a6	oa	OAOLOG_TUP
30119	75a7	oa	OACDCOC_BAD
30120	75a8	oa	OABNSCOC_BAD
30121	75a9	oa	OAANYCOC_BAD
30122	75aa	oa	OA0127
30123	75ab	oa	OAQUERY_BAD
30124	75ac	oa	OATRKGPR_BAD
30125	75ad	oa	OASTIN_TUP
30126	75ae	oa	OAOLOG_READ
30127	75af	oa	OARESX_READ
30128	75b0	oa	OAPOS_READ
30129	75b1	oa	OACTIN_READ
30130	75b2	oa	OAUNXMSG
30131	75b3	oa	OALOGSTAT
30132	75b4	oa	OAOUT_CALL
30133	75b5	oa	OANUM_TYPE
30134	75b6	oa	OAEXTDL_PER
30135	75b7	oa	OACONF_OP
30136	75b8	oa	OAUNX_PID
30137	75b9	oa	OAANOKEY
30138	75ba	oa	OAINIT_MSG_BAD
30139	75bb	oa	OAISDN_RC
30140	75bc	oa	OASEZ_TYPE
30141	75bd	oa	OAFALDROP
30142	75be	oa	OAPOS_INIT
30143	75bf	oa	OAMAKE_BUSY
30144	75c0	oa	OAPCCC
30145	75c1	oa	OA0150
30146	75c2	oa	OACOCENUM_BAD
30147	75c3	oa	OA_INCPTR
30148	75c4	oa	OA_INCAQFAIL
30149	75c5	oa	OA_OSENOMCB
30150	75c6	oa	OA_UESNMSG

30151	75c7	oa	OA_BADRETN
30152	75c8	oa	OA_UNEXCLSS
30153	75c9	oa	OATRKCK_COC_OPINIT
30154	75ca	oa	OA_NOHOBSC
30155	75cb	oa	OABCKQZ_CRD_COC
30156	75cc	oa	OA_INCTRGID
30157	75cd	oa	OANORECV
30158	75ce	oa	OA_AQTGFAIL
30159	75cf	oa	OANSUBERR
30160	75d0	oa	OABADPHRASE
30161	75d1	oa	OAZANCTYP
30162	75d2	oa	OABADDBFRD
30163	75d3	oa	OAODISP
30164	75d4	oa	OADNSTART
30165	75d5	oa	OAINV_CT
30166	75d6	oa	OANTINDB
30167	75d7	oa	OARSP_ENTRY
30168	75d8	oa	OARSPUNXP
30169	75d9	oa	OARET_ERR
30170	75da	oa	OABOOL_ERR
30171	75db	oa	OAMON_PERM
30172	75dc	oa	OABN_MONITRD
30173	75dd	oa	OAXPMSG
30174	75de	oa	OABADDDATA
30175	75df	oa	OAHTLREL
30176	75e0	oa	OANXXREL
30177	75e1	oa	OATMREL
30178	75e2	oa	OAINACCS
30179	75e3	oa	OADEACCS
30180	75e4	oa	OATSTACCS
30181	75e5	oa	OATADA_MIX
30182	75e6	oa	OA_AUNEXMSG
30183	75e7	oa	OAD_EMTPOSDB
30184	75e8	oa	OAD_FINFL
30185	75e9	oa	OAD_FRDFL
30186	75ea	oa	OAD_FUPFL
30187	75eb	oa	OAA_INCRSN
30188	75ec	oa	OAD_INCRSN
30189	75ed	oa	OAD_INITFL
30190	75ee	oa	OAD_INVDMMSG
30191	75ef	oa	OAD_INVST
30192	75f0	oa	OA_INCRSN
30193	75f1	oa	OA_UNEXWMSG
30194	75f2	oa	OAVT_OLS
30195	75f3	oa	OAR_UNEXMSG
30196	75f4	oa	OAD_OSTMOUT
30197	75f5	oa	OAR_INCRSN
30198	75f6	oa	OASTATUPDT
30199	75f7	oa	OAD_POSFRDFL
30200	75f8	oa	OAD_STATFL
30201	75f9	oa	OAD_UNEXMSG
30202	75fa	oa	OAOPLINETERM
30203	75fb	oa	OAD_OSERANGE
30204	75fc	oa	OAD_OSENOTCB
30205	75fd	oa	OABCKNUMERR
30206	75fe	oa	OATMZN
30207	75ff	oa	OAGBLTMZN
30208	7600	oa	OAD_DSLNOMAT
30209	7601	oa	OAD_DSLFRDFL
30210	7602	oa	OAATCSSD
30211	7603	oa	OACIEXMP
30212	7604	oa	OAD_POSIDNTSM
30213	7605	oa	OAFAILNAME
30214	7606	oa	OAD_INVPRN
30215	7607	oa	OAD_DASCFULL
30216	7608	oa	OAD_FDLFL
30217	7609	oa	OAOPBPOOL
30218	760a	oa	OAOPBADREQ
30219	760b	oa	OAOPHBSTOP
30220	760c	oa	OAOPPRFAIL
30221	760d	oa	OAOPNOBUF
30222	760e	oa	OAOPDBFAIL

30223	760f	oa	OAOPBADVAL
30224	7610	oa	OACINPAF
30225	7611	oa	OABADTRN
30226	7612	oa	OACINVF
30227	7613	oa	OACINVBK
30228	7614	oa	OACIBBCK
30229	7615	oa	OAINVRES
30230	7616	oa	OAUEXPMSG
30231	7617	oa	OAUEXPRET
30232	7618	oa	OAFDBRM
30233	7619	oa	OAFDBADD
30234	761a	oa	OADBRLCT
30235	761b	oa	OAFAILRSV
30236	761c	oa	OAFAILJOIN
30237	761d	oa	OAFAILCNFG
30238	761e	oa	OATPSIPOS
30239	761f	oa	OATPSPRLA
30240	7620	oa	OATPSPSDB
30241	7621	oa	OATPSPDPOS
30242	7622	oa	OACIOATG
30243	7623	oa	OASTIN_OAEDI
30244	7624	oa	OAACOPUN
30245	7625	oa	OAFSPLIT
30246	7626	oa	OACIOTTG
30247	7627	oa	OACIABBK
30248	7628	oa	OACIABFW
30249	7629	oa	OAIRTCAR
30250	762a	oa	OACILMIS
30251	762b	oa	OACSCCLN
30252	762c	oa	OACILATA
30253	762d	oa	OACINVEA
30254	762e	oa	OAUNONOFF
30255	762f	oa	OAUNRLOFFON
30256	7630	oa	OAUNSDS
30257	7631	oa	OAUNTRANROW
30258	7632	oa	OAMTBENUM
30259	7633	oa	OADASCVENDOR
30260	7634	oa	OATMAREA
30261	7635	oa	OACINMAP
30262	7636	oa	OAOFCEERR
30263	7637	oa	OACPTGRP
30264	7638	oa	OAATPDBINIT
30265	7639	oa	OAD_REINTLNK
30266	763a	oa	OATCMOBF
30267	763b	oa	OAATPDBLE
30268	763c	oa	OAATPUXM
30269	763d	oa	OARASTUXM
30270	763e	oa	OAWRAFUXM
30271	763f	oa	OABRCHKTRQ
30272	7640	oa	OANRTGEN
30273	7641	oa	OABANSTIN
30274	7642	oa	OAFAPERR
30275	7643	oa	OABRT_RPRL
30276	7644	oa	OAUXRCLR
30277	7645	oa	OABADCGRP
30278	7646	oa	OATKLCERR
30279	7647	oa	OAE_SRVCFL
30280	7648	oa	OARCLTYPFL
30281	7649	oa	OAINV_RAT_DATA
30282	764a	oa	OABADTRANS
30283	764b	oa	OAE_EISIDFL
30284	764c	oa	OAE_SEIZFL
30285	764d	oa	OABADRTENUM
30286	764e	oa	OABADCALLCLASS
30287	764f	oa	OAUNXPATREL
30288	7650	oa	OANOPH_REL
30289	7651	oa	OAE_RLSFL
30290	7652	oa	OAE_SNDMSGFL
30291	7653	oa	OAEISUNXMSG
30292	7654	oa	OABADREST
30293	7655	oa	OANORCLTUP
30294	7656	oa	OAE_REASONFL

30295	7657	oa	OACIDTGN
30296	7658	oa	OACIDTXT
30297	7659	oa	OAVT_TCS
30298	765a	oa	OABADNPA
30299	765b	oa	OABADNXX
30300	765c	oa	OAENODALB
30301	765d	oa	OAAOCEXTENT
30302	765e	oa	OABADOPCODE
30303	765f	oa	OABADERRTYPE
30304	7660	oa	OAEBTYPINV
30305	7661	oa	OAEFDBMSINV
30306	7662	oa	OAEBTMROOR
30307	7663	oa	OAE3SEND
30308	7664	oa	OAEIDOOOR
30309	7665	oa	OAESRLOOR
30310	7666	oa	OAEISINV
30311	7667	oa	OAEISLINV
30312	7668	oa	OAIIF_BADDATA
30313	7669	oa	OANG_TADATA
30314	766a	oa	OABDDBNUM
30315	766b	oa	OAEALTUP
30316	766c	oa	OAEATRETBAD
30317	766d	oa	OAESMRHLNK
30318	766e	oa	OAEHRRETBAD
30319	766f	oa	OAEIEJOBBD
30320	7670	oa	OABADPATH
30321	7671	oa	OALSFCOSBAD
30322	7672	oa	OAEGLPTRBAD
30323	7673	oa	OAEGLPPIDBAD
30324	7674	oa	OAEPTREASON
30325	7675	oa	OAEPTCTIMBAD
30326	7676	oa	OAPRL_ERR
30327	7677	oa	OADGT_ANA_BAD
30328	7678	oa	OABDDBNNO
30329	7679	oa	OABDDBPARM
30330	767a	oa	OAEPTMRUNK
30331	767b	oa	OACHK_FAIL
30332	767c	oa	OAEPTMSGUNK
30333	767d	oa	OAESPNOCDDL
30334	767e	oa	OAEPTDESTIME
30335	767f	oa	OAEPTPLNGBAD
30336	7680	oa	OAEPTWTIMBAD
30337	7681	oa	OAEPTRETUNK
30338	7682	oa	OABADSTINFO
30339	7683	oa	OABADOLOGINID
30340	7684	oa	OAEPTPSWIDBAD
30341	7685	oa	OAGETAPB
30342	7686	oa	OA0052
30343	7687	oa	OA0054
30344	7688	oa	OA0120
30345	7689	oa	OA0121
30346	768a	oa	OAPBPUFF
30347	768b	oa	OA0123
30348	768c	oa	OAPBPOSF
30349	768d	oa	OAPASAPBF
30350	768e	oa	OAPASLOOPF
30351	768f	oa	OA0128
30352	7690	oa	OA0129
30353	7691	oa	OAPBTAPF
30354	7692	oa	OAGETCBDB
30355	7693	oa	OALNCBPC
30356	7694	oa	OAPTRDBADD
30357	7695	oa	OATAPAPBF
30358	7696	oa	OAINVDATA
30359	7697	oa	OANOTIMER
30360	7698	oa	OABADEISRET
30361	7699	oa	OANOPORTLA
30362	769a	oa	OAEISINV
30363	769b	oa	OAEPTMSETID
30364	769c	oa	OAEPTPSWMODID
30365	769d	oa	OAEPTSMRCID
30366	769e	oa	OATRN_BAD

30367	769f	oa	OAUKN_MSG
30368	76a0	oa	OAETPCONPID
30369	76a1	oa	OAETPSTUNK
30370	76a2	oa	OAE_MSGSETIDFL
30371	76a3	oa	OA1_MSGTYPEFL
30372	76a4	oa	OA1_ACDRTFL
30373	76a5	oa	OA1_APPCDOOR
30374	76a6	oa	OAFPCCB
30375	76a7	oa	OALNCBDB
30376	76a8	oa	OAUPCCB
30377	76a9	oa	OABKCN_NOT_ACQS
30378	76aa	oa	OABK_IS_CNACQS
30379	76ab	oa	OA_AQZODD
30380	76ac	oa	OA1_POSNMOOR
30381	76ad	oa	OA0130
30382	76ae	oa	OABADPREFDIG
30383	76af	oa	OAPCBLAPBF
30384	76b0	oa	OARSTATFAIL
30385	76b1	oa	OARNOMATCH
30386	76b2	oa	OA_GST_NOTINDB
30387	76b3	oa	OA_GST_MAN_PBX
30388	76b4	oa	INVALID_LPSTAT
30389	76b5	oa	OADBRNM
30390	76b6	oa	OAOLSPRB
30391	76b7	oa	OANMIFLW
30392	76b8	oa	OANMRRDN
30393	76b9	oa	OAORNOCT
30394	76ba	oa	OANRIFLW
30395	76bb	oa	OANRRRDN
30396	76bc	oa	OAORANCT
30397	76bd	oa	OAIOTPMMSG
30398	76be	oa	OAD_NPAFLD
30399	76bf	oa	OAD_NPANXFLD
30400	76c0	oa	OADBRBD
30401	76c1	oa	OANITOOOR
30402	76c2	oa	OAVTE_MRCV
30403	76c3	oa	OAIPTPDB
30404	76c4	oa	OAMC_INCRSN
30405	76c5	oa	OAMC_UNEXMSG
30406	76c6	oa	OAMC_INVMSG
30407	76c7	oa	OAMC_CTINV
30408	76c8	oa	OAMC_CTUNUSED
30409	76c9	oa	OAMC_ADIGERR

22. 5E14 Numeric Index: 30410-30779

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30410	76ca	oa	OAMC_ODIGERR
30411	76cb	oa	OAMC_SDIGERR
30412	76cc	oa	OAMC_NOTIMER
30413	76cd	oa	OAMC_BADTIMER
30414	76ce	oa	OAMC_TIMEOUT
30415	76cf	oa	OAMC_SZERR
30416	76d0	oa	OAMC_ARGERR
30417	76d1	oa	OANCEO_TO_CEO
30418	76d2	oa	OACEO_TO_NCEO
30419	76d3	oa	OAIFWSH
30420	76d4	oa	OAVTE_KILD
30421	76d5	oa	OAVTBD_DB
30422	76d6	oa	OAOTP_IFLOW
30423	76d7	oa	OAIW_WRONGMSG
30424	76d8	oa	OAIWFDN
30425	76d9	oa	OAIWUNK
30426	76da	oa	OAIWFSZ
30427	76db	oa	OAVTBD_IFM
30428	76dc	oa	OAIWFMH_FAIL
30429	76dd	oa	OAIWOSLPRTF
30430	76de	oa	OATMSCOPE
30431	76df	oa	OAIWXSIG
30432	76e0	oa	OAIWTRAN
30433	76e1	oa	OAVTBD_PSDDB

30434	76e2	oa	OAF_NPANXX
30435	76e3	oa	OANOSERV
30436	76e4	oa	OANOSVDT
30437	76e5	oa	OAINVRT
30438	76e6	oa	OAINVACT
30439	76e7	oa	OAFUBLSR
30440	76e8	oa	OAFHCSR
30441	76e9	oa	OAFUILSR
30442	76ea	oa	OAFLSRSM
30443	76eb	oa	OABADSM
30444	76ec	oa	OAFCHKBERET
30445	76ed	oa	OACVALCE
30446	76ee	oa	OACVCORD
30447	76ef	oa	OACVLNKE
30448	76f0	oa	OACVUXEV
30449	76f1	oa	OACVMPRT
30450	76f2	oa	OANOCTIN
30451	76f3	oa	OAOPSMOTNL
30452	76f4	oa	OAER0CCNAME
30453	76f5	oa	OAER1CCNAME
30454	76f6	oa	OAER2CCNAME
30455	76f7	oa	OAER3CCNAME
30456	76f8	oa	OAANI_DB
30457	76f9	oa	OATIMEREL
30458	76fa	oa	OASTATREL
30459	76fb	oa	OATRNGREL
30460	76fc	oa	OALNKINIT
30461	76fd	oa	OACALLINIT
30462	76fe	oa	OALKSELINIT
30463	76ff	oa	OALNKDATA
30464	7700	oa	OAERTPRNPA
30465	7701	oa	OAERTPRCC
30466	7702	oa	OABADOPTRN
30467	7703	oa	OABADREQTYP
30468	7704	oa	OAASGNDERR
30469	7705	oa	OACSOPEISDB
30470	7706	oa	OACSEISID
30471	7707	oa	OACSREQTYPE
30472	7708	oa	OACSEISDATA
30473	7709	oa	OARQTYPINVALID
30474	770a	oa	OARETININVALID
30475	770b	oa	OAESPReason
30476	770c	oa	OAESPCTIMBAD
30477	770d	oa	OAEBPRONO
30478	770e	oa	OAIEPRNO
30479	770f	oa	OAIESRLNO
30480	7710	oa	OAIEIETPR
30481	7711	oa	OAIESMCID
30482	7712	oa	OAESMCLNK
30483	7713	oa	OAESMRLNK
30484	7714	oa	OAEMIEID
30485	7715	oa	OAEMIMSID
30486	7716	oa	OAEMIVEN
30487	7717	oa	OAEMISID
30488	7718	oa	OAEMIECI
30489	7719	oa	OAEMISRC
30490	771a	oa	OAEMIESM
30491	771b	oa	OAIEIJECT
30492	771c	oa	OAIEIKELN
30493	771d	oa	OAIEIKELS
30494	771e	oa	OAESPRETUNK
30495	771f	oa	OAESPMMSGUNK
30496	7720	oa	OAESPLNGBAD
30497	7721	oa	OAESPWTIMBAD
30498	7722	oa	OAESPMCBPROB
30499	7723	oa	OAESPTHROW
30500	7724	oa	OAESPSTUNK
30501	7725	oa	OAISPLSF
30502	7726	oa	OAETPRESET
30503	7727	oa	OAE_CIDMM
30504	7728	oa	OAEBADMSGTYPE
30505	7729	oa	OAIEIRHCAL

30506	772a	oa	OAE_BSCSUX
30507	772b	oa	OADINGP1
30508	772c	oa	OAER4CCNAME
30509	772d	oa	OADINGP2
30510	772e	oa	OADINGP3
30511	772f	oa	OADINGP4
30512	7730	oa	OADINGP5
30513	7731	oa	OADINGP6
30514	7732	oa	OASMIGP1
30515	7733	oa	OASMIGP2
30516	7734	oa	OASMIGP3
30517	7735	oa	OASMIGP4
30518	7736	oa	OAITLGP1
30519	7737	oa	OAITLGP2
30520	7738	oa	OAITLGP3
30521	7739	oa	OAITLGP4
30522	773a	oa	OATPOGP1
30523	773b	oa	OATPOGP2
30524	773c	oa	OATPOGP3
30525	773d	oa	OATPOGP4
30526	773e	oa	OATPOFI1
30527	773f	oa	OATPOFI2
30528	7740	oa	OATPOAS1
30529	7741	oa	OATPOAS2
30530	7742	oa	OAEBADPARM
30531	7743	oa	OANOFIXEDRI
30532	7744	oa	OAE_UNXLEDB
30533	7745	oa	OA1XPNOOR
30534	7746	oa	OA1XMTYPEFL
30535	7747	oa	OAESMATLNK
30536	7748	oa	OAENOEISDATA
30537	7749	oa	OAEBADDBREAD
30538	774a	oa	OAETPOORSMD
30539	774b	oa	OA1XATINV
30540	774c	oa	OA1XPNBAD
30541	774d	oa	OA1XCOCBAD
30542	774e	oa	OA1XBTYP
30543	774f	oa	OA1XBMOVFL
30544	7750	oa	OA1XDTINV
30545	7751	oa	OA1XFDOVFL
30546	7752	oa	OAETPCALLID
30547	7753	oa	OAESLNGBAD
30548	7754	oa	OAESNORES
30549	7755	oa	OAESRETUNK
30550	7756	oa	OAESINVPID
30551	7757	oa	OAEGLBADID
30552	7758	oa	OAESPBADMSG
30553	7759	oa	OACVSDLK
30554	775a	oa	OAENOESM
30555	775b	oa	OABADPOSNUM
30556	775c	oa	OABUSYPOSEIZ
30557	775d	oa	OAESLPCNTBAD
30558	775e	oa	OAESINTINV
30559	775f	oa	OABADRTP
30560	7760	oa	OAMTPBSM
30561	7761	oa	OAEDPBBAD
30562	7762	oa	OAFLAGSBAD
30563	7763	oa	OAESMRLKBAD
30564	7764	oa	OAEDBRETINV
30565	7765	oa	OAEMLCOR
30566	7766	oa	OATKORTERR
30567	7767	oa	OALF_OVFL
30568	7768	oa	OALT_OVFL
30569	7769	oa	OAETKOCID
30570	776a	oa	OAETKOPID
30571	776b	oa	OAETKOMG
30572	776c	oa	OA1CIDOOR
30573	776d	oa	OAUNEECPDL
30574	776e	oa	OAESMVCL
30575	776f	oa	OAESMGHLNK
30576	7770	oa	OAETVRETBAD
30577	7771	oa	OAELPRETBAD

30578	7772	oa	OAE_ACTIONFL
30579	7773	oa	OAEHUNGUP
30580	7774	oa	OACALLDUMP
30581	7775	oa	OALNKDUMP
30582	7776	oa	OALKSELDUMP
30583	7777	oa	OACREXCPT
30584	7778	oa	OACALL_LIST
30585	7779	oa	OABDELANS
30586	777a	oa	OATPOFI3
30587	777b	oa	OATPOAS3
30588	777c	oa	OATPOGP7
30589	777d	oa	OATPOGP8
30590	777e	oa	OATPOGP9
30591	777f	oa	OATPOGP5
30592	7780	oa	OATPOGP6
30593	7781	oa	OATLAFI1
30594	7782	oa	OATLAAS1
30595	7783	oa	OATLAGP1
30596	7784	oa	OATLAGP2
30597	7785	oa	OATLAGP3
30598	7786	oa	OAFail_BLVDA
30599	7787	oa	OAMTI_KILL
30600	7788	oa	OAMTI_SUICIDE
30601	7789	oa	OAMTI_CMPLT
30602	778a	oa	OAINTFPL
30603	778b	oa	OAOPRCCERR
30604	778c	oa	OAMSGINFL
30605	778d	oa	OAOLSTRKCN
30606	778e	oa	OASIGTRKCN
30607	778f	oa	OABDBLOPT
30608	7790	oa	OABDEISCOC
30609	7791	oa	OABDPTPCOC
30610	7792	oa	OAINVBLOPT
30611	7793	oa	OADIRCERR
30612	7794	oa	OABAD_CLS
30613	7795	oa	OABDLSTRAF
30614	7796	oa	OABDTARET
30615	7797	oa	OABADCCRET
30616	7798	oa	OABDOSREAS
30617	7799	oa	OABDEAINFO
30618	779a	oa	OABDSRVID
30619	779b	oa	OAFc_TRUNK
30620	779c	oa	OABDLATACK
30621	779d	oa	OABAD_IMF
30622	779e	oa	OANOSRVOT
30623	779f	oa	OA2_POSIDOOOR
30624	77a0	oa	OA2_ARUIDOOR
30625	77a1	oa	OA2_MSGTYPEFL
30626	77a2	oa	OA2_ACDRTFL
30627	77a3	oa	OA2XMTYPEFL
30628	77a4	oa	OA2ACOOR
30629	77a5	oa	OASRVCINV
30630	77a6	oa	OAUNXRES
30631	77a7	oa	OABDCCON
30632	77a8	oa	OAAISDIG
30633	77a9	oa	OABDISPD
30634	77aa	oa	OABDISRVID
30635	77ab	oa	OANO_FCTRNK
30636	77ac	oa	OA2POSID_INV
30637	77ad	oa	OAQRY_NOLOOP
30638	77ae	oa	OAINV_LSCOC
30639	77af	oa	OABADCSE
30640	77b0	oa	OABDCC_CR
30641	77b1	oa	OAINVCC_CR
30642	77b2	oa	OABADCCIND
30643	77b3	oa	OABADOCS
30644	77b4	oa	OALKTKOFL
30645	77b5	oa	OA_INVLSCOC
30646	77b6	oa	OAZERONPA
30647	77b7	oa	OAFail_NPAMAP
30648	77b8	oa	OANFWDNUM
30649	77b9	oa	OATCS_NMTCH

30650	77ba	oa	OAER1AATOS
30651	77bb	oa	OAER2AATOS
30652	77bc	oa	OACRD_NMTCH
30653	77bd	oa	OABDR_TETYP
30654	77be	oa	OA1XICOC
30655	77bf	oa	OAETPSWAREA
30656	77c0	oa	OASDNDESTERR
30657	77c1	oa	OAUESCTN
30658	77c2	oa	OA1SDNNRA
30659	77c3	oa	OAGENDIGBAD
30660	77c4	oa	OAGENOPBAD
30661	77c5	oa	OABAD_ESC_DARET
30662	77c6	oa	OAAPTYPE
30663	77c7	oa	OABADBIL
30664	77c8	oa	OADANGLECONF
30665	77c9	oa	OAOLIBAD
30666	77ca	oa	OATANTYPE
30667	77cb	oa	OABDFCONN
30668	77cc	oa	OAUNEX_RET
30669	77cd	oa	OANPORTPID
30670	77ce	oa	OAVMS_BADPARM
30671	77cf	oa	OAVMSUNXCDSP
30672	77d0	oa	OATNSBAD
30673	77d1	oa	OAFNSIBAD
30674	77d2	oa	OACSR_NMTCH
30675	77d3	oa	OAVMS_UNXEV
30676	77d4	oa	OAASOTPRIM
30677	77d5	oa	OANOSTINFO
30678	77d6	oa	OABADTC
30679	77d7	oa	OABDCITP
30680	77d8	oa	OANODEST
30681	77d9	oa	OACMPCRD_FAIL
30682	77da	oa	OA1VMS
30683	77db	oa	OABADHEADER
30684	77dc	oa	OABADVAPHR
30685	77dd	oa	OA3_APPCDOOR
30686	77de	oa	OAE_SCRUDE
30687	77df	oa	OAE_TGROUP
30688	77e0	oa	OAE_TMEN
30689	77e1	oa	OA3MSGTYPEFL
30690	77e2	oa	OA3CIDOOR
30691	77e3	oa	OA3XMTYPEFL
30692	77e4	oa	OACL_UNXMSG
30693	77e5	oa	OANDSLPR
30694	77e6	oa	OA900C7ER
30695	77e7	oa	OAERRDSL
30696	77e8	oa	OA_U_PRT
30697	77e9	oa	OA_R_PRT
30698	77ea	oa	OA3XBTYP
30699	77eb	oa	OA3XBMOVFL
30700	77ec	oa	OA3BOPTINV
30701	77ed	oa	OACAOVLP
30702	77ee	oa	OAETPSIDBAD
30703	77ef	oa	OASIDRETBAD
30704	77f0	oa	OASRVIDBAD
30705	77f1	oa	OAINVEISCOC
30706	77f2	oa	OAINVTRFLRET
30707	77f3	oa	OAEMSGVIOL
30708	77f4	oa	OABDOLSR
30709	77f5	oa	OAEISNOLNK
30710	77f6	oa	OAEISERCNT
30711	77f7	oa	OA700C7ER
30712	77f8	oa	OAERPHR_LANG
30713	77f9	oa	OAERANNC_HDR
30714	77fa	oa	OAFCPTYP
30715	77fb	oa	OAKILLPROC
30716	77fc	oa	OACARDAT
30717	77fd	oa	OAERLANG_TBL
30718	77fe	oa	OANOLANG_TBL
30719	77ff	oa	OABADHDR_ID
30720	7800	oa	OANONUSA
30721	7801	oa	OABINTOASC

30722	7802	oa	OABADDCR
30723	7803	oa	OACBCOM
30724	7804	oa	OACHDB
30725	7805	oa	OA3XBCF1
30726	7806	oa	OAPI2PTB
30727	7807	oa	OAINC_CAR
30728	7808	oa	OA3XBCF2
30729	7809	oa	OA3XBCF3
30730	780a	oa	OA3XBCF4
30731	780b	oa	OA3XBCF5
30732	780c	oa	OA3XBCF6
30733	780d	oa	OA3XBCF7
30734	780e	oa	OA3XBCF8
30735	780f	oa	OA3XBCF9
30736	7810	oa	OA3XBCFA
30737	7811	oa	OA3XBCFB
30738	7812	oa	OABDBLSAME
30739	7813	oa	OANOCRUPD
30740	7814	oa	OA3BDEISVER
30741	7815	oa	OA3EISVOOR
30742	7816	oa	OA3BADVER
30743	7817	oa	OA3BDVER
30744	7818	oa	OABDVERSION
30745	7819	oa	OA3TRANFL
30746	781a	oa	OA3OTRANFL
30747	781b	oa	OATKOVERBD
30748	781c	oa	OAOPTRKTRM
30749	781d	oa	OARPDBPT
30750	781e	oa	OA_RPDBP
30751	781f	oa	OADIORCP
30752	7820	oa	OABADEVENT
30753	7821	oa	OABADACTION
30754	7822	oa	OABDSDAST
30755	7823	oa	OADFSRVRES
30756	7824	oa	OABADRATM
30757	7825	oa	OA3BLFVER
30758	7826	oa	OA3BBOPTINV
30759	7827	oa	OACPSDBERR
30760	7828	oa	OA3RTNMFL
30761	7829	oa	OAQBDBACOC
30762	782a	oa	OABABADST
30763	782b	oa	OABABADACT
30764	782c	oa	OABADEBARET
30765	782d	oa	OARATFWD
30766	782e	oa	OARATCFWD
30767	782f	oa	OAQRYFWD
30768	7830	oa	OARATQFWD
30769	7831	oa	OACONQFWD
30770	7832	oa	OARATCQFWD
30771	7833	oa	OAUNEXFWCKR
30772	7834	oa	OABADBLOPT
30773	7835	oa	OABDRETF
30774	7836	oa	OABDFWCK
30775	7837	oa	OABDERFC
30776	7838	oa	OAUNK_CARR
30777	7839	oa	OA4_MSGTYPEFL
30778	783a	oa	OA4_ACDRTFL
30779	783b	oa	OA4_APPCDOOR

23. 5E14 Numeric Index: 30780-31989

ERROR CODE	PRM CODE	RANGE	MNEMONIC
30780	783c	oa	OA4_POSNMOOR
30781	783d	oa	OA4XPNOOR
30782	783e	oa	OA4XMTYPEFL
30783	783f	oa	OA4XATINV
30784	7840	oa	OA4XPNBAD
30785	7841	oa	OA4XBTYP
30786	7842	oa	OA4XBMOVFL
30787	7843	oa	OA4XDTINV
30788	7844	oa	OA4XFDVFL

30789	7845	oa	OA4CIDOOR
30790	7846	oa	OA4XICOC
30791	7847	oa	OAERRFTS
30792	7848	oa	OAPRTFYL
30793	7849	oa	OACKTFYL
30794	784a	oa	OAHOMECALLERR
30795	784b	oa	OARFBNARET
30796	784c	oa	OASRCCFLRET
30797	784d	oa	OASRBNARET
30798	784e	oa	OATFBNARET
30799	784f	oa	OAWATBNARET
30800	7850	oa	OAWARBNARET
30801	7851	oa	OAWRLBNARET
30802	7852	oa	OATDFRRET
30803	7853	oa	OABDRQEIS
30804	7854	oa	OA3XBCFC
30805	7855	oa	OA3BADBNUM
30806	7856	oa	OA3XBCFD
30807	7857	oa	OABACTCOC
30808	7858	oa	OAFCFAIL
30809	7859	oa	OAEQPRT
30810	785a	oa	OABADARG
30811	785b	oa	OAINSDYN
30812	785c	oa	OAUGLPRM
30813	785d	oa	OACNFATI
30814	785e	oa	OAPTRFATI
30815	785f	oa	OAQRYFATI
30816	7860	oa	OARGLPRM
30817	7861	oa	OAALOPTR
30818	7862	oa	OAALOQRY
30819	7863	oa	OAPTREXRS
30820	7864	oa	OAQRYEXRS
30821	7865	oa	OAPTRFARI
30822	7866	oa	OAQRYFARI
30823	7867	oa	OAPTRUPCB
30824	7868	oa	OAQRYUPTR
30825	7869	oa	OAOSPDAGT
30826	786a	oa	OAQRYLPTR
30827	786b	oa	OAPTRLPCB
30828	786c	oa	OAACCUPTTR
30829	786d	oa	OAUNEXPTR
30830	786e	oa	OAUNEXQRY
30831	786f	oa	OAAGRTRK
30832	7870	oa	OAERRSDAP
30833	7871	oa	OABADSDAPPOS
30834	7872	oa	OAGOPCSL
30835	7873	oa	OAINITNRAF
30836	7874	oa	OASETNRAF
30837	7875	oa	OASRVINIT
30838	7876	oa	OAINITPTR
30839	7877	oa	OAINITQRY
30840	7878	oa	OACNINIT
30841	7879	oa	OARHHCSL
30842	787a	oa	OAAHPCSL
30843	787b	oa	OARSPCSL
30844	787c	oa	OAAHHCSL
30845	787d	oa	OAATHCSL
30846	787e	oa	OASDAPPRMT
30847	787f	oa	OAGENERAL
30848	7880	oa	OACRDAGT
30849	7881	oa	OAAILSERR
30850	7882	oa	OADCPSSS
30851	7883	oa	OAOTDBINIT
30852	7884	oa	OAZIP_OTDBS
30853	7885	oa	OAPCBLAOTDB
30854	7886	oa	OAOTDBIDLE
30855	7887	oa	OANO_OTDB
30856	7888	oa	OASMOTMISS
30857	7889	oa	OANOF COPRTK
30858	788a	oa	OAOPERINDBAD
30859	788b	oa	OAFAILISSET
30860	788c	oa	OACONV_FAIL

30861	788d	oa	OABADMORE
30862	788e	oa	OALINEDATA_BAD
30863	788f	oa	OACBADPARM
30864	7890	oa	OA5BADBNUM
30865	7891	oa	OA5BBOPTINV
30866	7892	oa	OA5BDEISVER
30867	7893	oa	OA5BDN_DCNT
30868	7894	oa	OA5BDN_MISS
30869	7895	oa	OA5BINIT
30870	7896	oa	OA5BNUM_CHG
30871	7897	oa	OA5BBOPTINV
30872	7898	oa	OA5B_NMATCH
30873	7899	oa	OA5CIDOOR
30874	789a	oa	OA5COC_CHG
30875	789b	oa	OA5DIOR_IC5
30876	789c	oa	OA5MSGTYPEFL
30877	789d	oa	OA5NO_SRV
30878	789e	oa	OA5SRV_BDN
30879	789f	oa	OA5XBMOVFL
30880	78a0	oa	OA5XBTYPE
30881	78a1	oa	OA5XMTYPEFL
30882	78a2	oa	OA5_APPCDOOR
30883	78a3	oa	OADNRA_C7ER
30884	78a4	oa	OANRAINCON
30885	78a5	oa	OACRDPRD
30886	78a6	oa	OASS7AILS
30887	78a7	oa	OAUNXDESTTYPE
30888	78a8	oa	OA6BDEISVER
30889	78a9	oa	OA6BCALL_TR
30890	78aa	oa	OA6BDTMF_OPT
30891	78ab	oa	OA6XMTYPEFL
30892	78ac	oa	OA6RTNFL
30893	78ad	oa	OA6CNMFL
30894	78ae	oa	OA6XBTYPE
30895	78af	oa	OA6XBMOVFL
30896	78b0	oa	OA6MOD_MISS
30897	78b1	oa	OA6_AAPCDOOR
30898	78b2	oa	OA6MSGTYPEFL
30899	78b3	oa	OA6LKTOK
30900	78b4	oa	OA6RTE_FL
30901	78b5	oa	OA6BNMF
30902	78b6	oa	OAATCMSGBAD
30903	78b7	oa	OABAD_LNP_HEAD
30904	78b8	oa	OAMISS_LNP_NXX
30905	78b9	oa	OALNPOPRKTFL
30907	78bb	oa	OALNPDBBAD
30908	78bc	oa	OALNPPARBD
30909	78bd	oa	OALNP_DAFI
30916	78c4	oa	OATRNOIS
30917	78c5	oa	OANGENERAL
30918	78c6	oa	OAPOLSERR
30919	78c7	oa	OAANI2_UNK
30920	78c8	oa	OACCTPRUNC
30921	78c9	oa	OASOLO_ACD
30922	78ca	oa	OAESPENC
30923	78cb	oa	OAESPDEC
30924	78cc	oa	OADPTF_C7ER
30925	78cd	oa	OACCTP_PATH_ERR
30926	78ce	oa	OAOLNSCN
30927	78cf	oa	OAOLNSHT
30929	78d1	oa	OAANIGRP
30930	78d2	oa	OASCCSPERR
30931	78d3	oa	OAACTOWN
30932	78d4	oa	OALANGOLS
30933	78d5	oa	OALEC7CRERR
30975	78ff	ccsph	CCBADUPD
30976	7900	ccsph	CCPHDASPP
30977	7901	ccsph	CCPKTSEQ
30978	7902	ccsph	CCBADSEQ
30979	7903	ccsph	CCNOWP
30980	7904	ccsph	CCBADMSG
30981	7905	ccsph	CCBADDATA

30982	7906	ccsph	CCDATA CORR
30983	7907	ccsph	CCPKTTRAN
30984	7908	ccsph	CCPKTST
30985	7909	ccsph	CCPKTBDOFF
30986	790a	ccsph	CCPKTUNTBL
30987	790b	ccsph	CCUNWGTMSG
30988	790c	ccsph	CCUNWAIT
30989	790d	ccsph	CCWAKEUP
30990	790e	ccsph	CCBSTCKSUM
30991	790f	ccsph	CCBADPINFO
30992	7910	ccsph	CCBADPEOT
30993	7911	ccsph	CCBADPBUF
30994	7912	ccsph	CCBADTYP
30995	7913	ccsph	CCBADSS
30996	7914	ccsph	CCBADOPER
30997	7915	ccsph	CCBADICT
30998	7916	ccsph	CCBADKEY
30999	7917	ccsph	CCBADTID
31000	7918	ccsph	CCTBLFUL
31001	7919	ccsph	CCACKFAIL
31002	791a	ccsph	CCICRBAD
31003	791b	ccsph	CCLAB7NUM
31004	791c	ccsph	CCICRODD
31005	791d	ccsph	CCOPCIBAD
31006	791e	ccsph	CCDUPINS
31007	791f	ccsph	CCOPCNUM
31008	7920	ccsph	CCABADOPCI
31009	7921	ccsph	CCBADCRANGE
31010	7922	ccsph	CCAOPCNUM
31011	7923	ccsph	CCBADDEL
31012	7924	ccsph	CCBADNUMCIC
31013	7925	ccsph	CCOPCIDX
31014	7926	ccsph	CCPHRDERR
31015	7927	ccsph	CCBDCKSUM
31016	7928	ccsph	CCCKSUMBAD
31017	7929	ccsph	CCSDSLRATE
31018	792a	ccsph	CCDREQFAIL
31019	792b	ccsph	CCPKTTOTBL
31020	792c	ccsph	CCTBLEMPY
31021	792d	ccsph	CCBADSM
31022	792e	ccsph	CCNODPCI
31023	792f	ccsph	CCNOTRUNK
31024	7930	ccsph	CCLOMEMPH
31025	7931	ccsph	CCBDPCKSUM
31026	7932	ccsph	CCBAPCKSUM
31027	7933	ccsph	CCRDBRST
31028	7934	ccsph	CCRDBLINK
31029	7935	ccsph	CCNOPHRDB
31030	7936	ccsph	CCINVSDRQ
31031	7937	ccsph	CCD2PFIN
31032	7938	ccsph	CCP2DPMM
31033	7939	ccsph	CCRINRAR
31034	793a	ccsph	CCARDNOP
31035	793b	ccsph	CCRDBCNT
31036	793c	ccsph	CCEXDPSG
31037	793d	ccsph	CCTFSTFUNC
31038	793e	ccsph	CCTFPROCSTATE
31039	793f	ccsph	CCTFBADDSEG
31040	7940	ccsph	CCTFIT8ID
31041	7941	ccsph	CCBMDPCI
31042	7942	ccsph	CCBMADPCI
31043	7943	ccsph	CCBMSEGIDX
31044	7944	ccsph	CCTFINVS
31045	7945	ccsph	CCTFINVA
31046	7946	ccsph	CCTFINVD
31047	7947	ccsph	CCTFNULL
31048	7948	ccsph	CCTFINVT
31049	7949	ccsph	CCTFT8AE
31050	794a	ccsph	CCTFSPCE
31051	794b	ccsph	CCTFIPLN
31052	794c	ccsph	CCTFIVACNT
31053	794d	ccsph	CCTFIVDSEG

31054	794e	ccsph	CCTFIVDGRP
31055	794f	ccsph	CCTFIVDBIT
31056	7950	ccsph	CCTFIVD0
31057	7951	ccsph	CCTFIVA0
31058	7952	ccsph	CCTFIVABIT
31059	7953	ccsph	CCTFITFX
31060	7954	ccsph	CCTFT8AI
31061	7955	ccsph	CCSSDIVA
31062	7956	ccsph	CCTFITDB
31063	7957	ccsph	CCDDBOWNBAD
31064	7958	ccsph	CCDDBLNKBAD
31065	7959	ccsph	CCRCGBAD
31066	795a	ccsph	CCDDBCNTBAD
31067	795b	ccsph	CCDDBIDLE
31068	795c	ccsph	CCRCGFAIL
31069	795d	ccsph	CCDDBFAIL
31070	795e	ccsph	CCBLSIKSUM
31071	795f	ccsph	CCDISOFF
31072	7960	ccsph	CCDISLSG
31073	7961	ccsph	CCDISILS
31074	7962	ccsph	CCDISDPC
31075	7963	ccsph	CCINVPST
31076	7964	ccsph	CCINVPKT
31077	7965	ccsph	CCPCLENBAD
31078	7966	ccsph	CCACBDSTATE
31079	7967	ccsph	CCSCVERE
31090	7972	ccsph	CCPCINUM
31091	7973	ccsph	CCPCITBLEMPTY
31092	7974	ccsph	CCCLUSTNUM
31093	7975	ccsph	CCCLUTBLEMPTY
31094	7976	ccsph	CCBDCLUCKSUM
31095	7977	ccsph	CCBDNETCKSUM
31096	7978	ccsph	CCBDXLISTCKSUM
31175	79c7	amapp	AMKINVCODE
31176	79c8	amapp	AMKNORCD
31225	79f9	pr	PRAUNONE
31226	79fa	pr	PRAUTKQUE
31227	79fb	pr	PRAUTKOWNER
31228	79fc	pr	PRAUPCBLA
31229	79fd	pr	PRPSIPTST
31230	79fe	pr	PRIECP_BAD
31231	79ff	pr	PRPSBILLDN
31232	7a00	pr	PRPSRIPSN
31233	7a01	pr	PRPSGP_PRT
31234	7a02	pr	PRFCTRUNK
31235	7a03	pr	PRMSGBAD
31236	7a04	pr	PRDATABAD
31237	7a05	pr	PRCSTCUG
31238	7a06	pr	PRPVCINF
31239	7a07	pr	PRGROUP_PRT
31240	7a08	pr	PRAURTMPG
31241	7a09	pr	PRPVCFCL_BAD
31242	7a0a	pr	PRPVCRDN
31243	7a0b	pr	PRNO_ISMPH
31244	7a0c	pr	PRBAD_DATBL
31245	7a0d	pr	PROFFICE
31246	7a0e	pr	PRPSMHG
31247	7a0f	pr	PRPSPRT
31248	7a10	pr	PRRDLNSTAT
31249	7a11	pr	PRPORT_GRP
31250	7a12	pr	PRRDGLNSTAT
31251	7a13	pr	PRAURTMHG
31252	7a14	pr	PRPSPSN_RI
31253	7a15	pr	PRPSLINKPT
31254	7a16	pr	PRAURTRKKG
31255	7a17	pr	PRRT_MHG
31256	7a18	pr	PREQUIPDSL
31257	7a19	pr	PRCUGCST
31258	7a1a	pr	PRGPVCFCL_BAD
31259	7a1b	pr	PRMDR_GP
31260	7a1c	pr	PRPSL3TRKG
31261	7a1d	pr	PRPBGINFO

31262	7a1e	pr	PRFACMISSING
31264	7a20	pr	PRUXPSTATE
31925	7cb5	fp	FPNFTLDB
31926	7cb6	fp	FPUNXMSG
31927	7cb7	fp	FPRDLDPCTBDFLT
31928	7cb8	fp	FPBADPDB
31929	7cb9	fp	FPBADSTATE
31930	7cba	fp	FPBADTCOS
31931	7cbb	fp	FPBADRET
31932	7cbc	fp	FPBADPARM
31933	7cbd	fp	FP911TBAD
31934	7cbe	fp	FPANIDFLT
31935	7cbf	fp	FP0003
31936	7cc0	fp	FPBADCUT
31937	7cc1	fp	FPRDLDPIDX
31938	7cc2	fp	FP0010
31940	7cc4	fp	FPPCCLSPP
31941	7cc5	fp	FPCLMDSPP
31942	7cc6	fp	FP0028
31944	7cc8	fp	FP0030
31945	7cc9	fp	FP0031
31946	7cca	fp	FP0032
31947	7ccb	fp	FP0033
31948	7ccc	fp	FP0034
31949	7ccd	fp	FP0039
31950	7cce	fp	FP0040
31951	7ccf	fp	FP0041
31952	7cd0	fp	FP0042
31953	7cd1	fp	FP0046
31954	7cd2	fp	FPDI_COMP
31955	7cd3	fp	FP0048
31956	7cd4	fp	FP0049
31957	7cd5	fp	FPUNXEISMSG
31958	7cd6	fp	FPNVLSCFID
31959	7cd7	fp	FP0062
31960	7cd8	fp	FP0074
31961	7cd9	fp	FP0080
31962	7cda	fp	FP0081
31963	7cdb	fp	FP0113
31964	7cdc	fp	FPARSEGSIG
31965	7cdd	fp	FPMDRPORT
31966	7cde	fp	FPMDRINVGPID
31967	7cdf	fp	FPMDRGP
31968	7ce0	fp	FPDNFEAT
31969	7ce1	fp	FPTRMFEAT
31970	7ce2	fp	FCSDNBDBF
31971	7ce3	fp	FPBAD4WIRE
31972	7ce4	fp	FP4WDRNG
31973	7ce5	fp	FPARTCM
31974	7ce6	fp	FPTCMOBF
31975	7ce7	fp	FPFCLINE
31976	7ce8	fp	FPDNFEA2
31977	7ce9	fp	FPFCPORTYP
31978	7cea	fp	FPGLRE3
31979	7ceb	fp	FPARCF
31980	7cec	fp	FPARGP
31981	7ced	fp	FPARPORT
31982	7cee	fp	FPSC_CF
31983	7cef	fp	FPDR_LTM
31984	7cf0	fp	FPPF_TKDN
31985	7cf1	fp	FPPU_LTM
31986	7cf2	fp	FPTG_CF
31987	7cf3	fp	FPE9TKESCO
31988	7cf4	fp	FP_911TRNK
31989	7cf5	fp	FP_ANOUNCE

24. 5E14 Numeric Index: 31990-33459

ERROR CODE	PRM CODE	RANGE	MNEMONIC
31990	7cf6	fp	FP_CARR
31991	7cf7	fp	FP_COINCHG

31992	7cf8	fp	FP_DIRCON
31993	7cf9	fp	FP_SERCOMP
31994	7cfa	fp	FP_TRUNK
31995	7cfb	fp	FPDNBFG
31996	7cfc	fp	FPTRMBFG
31997	7cfd	fp	FPPUG_SM
31998	7cfe	fp	FPBADQUE
31999	7cff	fp	FPBFGARPORT
32000	7d00	fp	FPBFGTG_LTMR
32001	7d01	fp	FPICLIDIX
32002	7d02	fp	FPICLIDDB
32003	7d03	fp	FPFC_OPERTRK
32004	7d04	fp	FPRT_SCRNING
32005	7d05	fp	FPCHRGIDXEXP
32006	7d06	fp	FPCHGTBL
32007	7d07	fp	FPGETCHT
32008	7d08	fp	FPIMTGRPS
32009	7d09	fp	FPPF_CPSL
32010	7d0a	fp	FPFC_TDIRC
32011	7d0b	fp	FPEDSLTRKG
32012	7d0c	fp	FPRTROUTING
32013	7d0d	fp	FPFC_WZ1
32014	7d0e	fp	FPTONETY
32015	7d0f	fp	FPTATYPE
32016	7d10	fp	FPLTSBPORT
32017	7d11	fp	FPDATIMER
32018	7d12	fp	FPEAIDIGS
32019	7d13	fp	FPSPABILLDN
32020	7d14	fp	FPSDNBRET
32021	7d15	fp	FPLNDGST
32022	7d16	fp	FPTKDGST
32023	7d17	fp	FPPCONF1
32024	7d18	fp	FPPCONF2
32025	7d19	fp	FPMWCF
32026	7d1a	fp	FPTG_LTMR
32027	7d1b	fp	FP_4WIRE
32028	7d1c	fp	FPRT_TRKG
32029	7d1d	fp	FPPP_CF
32030	7d1e	fp	FPPORTGRP
32031	7d1f	fp	FPRTMHG
32032	7d20	fp	FPDIGSTR
32033	7d21	fp	FPDAPRL1
32034	7d22	fp	FPDAPRL2
32035	7d23	fp	FPDAPRL
32036	7d24	fp	FPGLR_NC
32037	7d25	fp	FCLTSBPORT
32038	7d26	fp	FPAMCMCID
32039	7d27	fp	ISFCLINE
32040	7d28	fp	FCBADVAL
32041	7d29	fp	FPSCDSCRN
32042	7d2a	fp	FPBFGMDR_PORT
32043	7d2b	fp	FPDSU2NRS
32044	7d2c	fp	FPSCM_NSCM
32045	7d2d	fp	FPLNBRET
32046	7d2e	fp	FPLNDAS
32047	7d2f	fp	FPLNPKG
32048	7d30	fp	FPSDNPKG
32049	7d31	fp	FPNS_TNLNK
32050	7d32	fp	FPLRN_RTTYPE
32051	7d33	fp	FPLINE_SCN
32052	7d34	fp	FPBADBILLDN
32053	7d35	fp	FPBORIGCOS
32054	7d36	fp	FPBTERMCOS
32055	7d37	fp	FPATMPT_OVLP
32056	7d38	fp	FPOFFICECODE
32057	7d39	fp	FPBADTC
32058	7d3a	fp	FPBDCITP
32059	7d3b	fp	FPBDACTP
32060	7d3c	fp	FPNODEST
32061	7d3d	fp	FPNOEAO
32062	7d3e	fp	FPBADSIG
32063	7d3f	fp	FPDIGDPT

32064	7d40	fp	FPBFGPORT
32065	7d41	fp	FPCKT_PORT
32066	7d42	fp	FPPORTTYP
32067	7d43	fp	FPNULPORT
32068	7d44	fp	FPBFG_ASI
32069	7d45	fp	FPASI_PORT
32070	7d46	fp	FPASI_GP
32071	7d47	fp	FPASI_CF
32072	7d48	fp	FPOW_BADCICALL
32073	7d49	fp	FPAMTKGP
32074	7d4a	fp	FPDCACVTER
32075	7d4b	fp	FPTGLTM
32076	7d4c	fp	FPCONF_TYPE
32077	7d4d	fp	FPERR
32078	7d4e	fp	FPUTTRK
32079	7d4f	fp	FPRDLDPCBT
32080	7d50	fp	FPINVTNSC
32081	7d51	fp	FPINVTNSC2DAS
32082	7d52	fp	FPTGNTNSC
32083	7d53	fp	FPLDPTNSC
32084	7d54	fp	FPLNPTYPCI
32085	7d55	fp	FPRDIITB
32086	7d56	fp	FPCARTONE
32425	7ea9	rc	RCACSRCORPT
32426	7eaa	rc	RCOSREASON
32427	7eab	rc	RCOSERROR
32428	7eac	rc	RCDERR1
32429	7ead	rc	RCDERR2
32430	7eae	rc	RCINTERR
32525	7f0d	fita	FIQVINVST
32526	7f0e	fita	FI0001
32527	7f0f	fita	FIQVUXSTATUS
32528	7f10	fita	FI0003
32529	7f11	fita	FI0004
32530	7f12	fita	FI0040
32531	7f13	fita	FIMPGPERR
32532	7f14	fita	FIMPMSGERR
32533	7f15	fita	FIEODPSOP
32534	7f16	fita	FIRTDNMOD
32535	7f17	fita	FIRT_DNTRAN
32536	7f18	fita	FIFBDPB
32537	7f19	fita	FIFBTEDB
32538	7f1a	fita	FIFCLINE
32539	7f1b	fita	FIINVREASON
32540	7f1c	fita	FINOBNFEAT
32541	7f1d	fita	FIODBERRMSG
32542	7f1e	fita	FIODBSPH
32543	7f1f	fita	FIODBPHR
32544	7f20	fita	FIODBBAD
32545	7f21	fita	FIODBUNR
32546	7f22	fita	FIODBWGM
32547	7f23	fita	FIPACK_NLOADED
32548	7f24	fita	FIPTORTGRP
32549	7f25	fita	FIPSSENDASRT
32550	7f26	fita	FITERMCA
32551	7f27	fita	FIACSR_GRP
32552	7f28	fita	FIACSR_OPT
32553	7f29	fita	FIDSL_EQUIP
32554	7f2a	fita	FINOCCODE
32555	7f2b	fita	FISPID
32556	7f2c	fita	FIEDSLGPRT
32557	7f2d	fita	FIEDSLTRKG
32558	7f2e	fita	FINSFMAP
32559	7f2f	fita	FINFTLDB
32560	7f30	fita	FIBADVALUE
32561	7f31	fita	FIFPCDA
32562	7f32	fita	FIGETDALB
32563	7f33	fita	FI0114
32564	7f34	fita	FITPCSPPI
32565	7f35	fita	FCSDNBDBF
32566	7f36	fita	FICPNBNCF
32567	7f37	fita	FICLMDSPPI

32568	7f38	fita	FIFC_TRUNK
32569	7f39	fita	FILPTSPID
32570	7f3a	fita	FISHTERM
32571	7f3b	fita	FIUUICHK
32572	7f3c	fita	FIISLINE
32573	7f3d	fita	FIBFGPP_LTM
32574	7f3e	fita	FIFCPORTYP
32575	7f3f	fita	FINOFEATBN
32576	7f40	fita	FIPP_LTM
32577	7f41	fita	FITATYPE
32578	7f42	fita	FICLSUSPP
32579	7f43	fita	FITPUNXMSG
32580	7f44	fita	FIUNXMSG
32581	7f45	fita	FIBFGPORT
32582	7f46	fita	FINULPORT
32583	7f47	fita	FIDNLPT
32584	7f48	fita	FIDSP_ACN
32585	7f49	fita	FIDSP_RMSG
32586	7f4a	fita	FIDSP_SWTCH
32587	7f4b	fita	FIGOTEDA
32588	7f4c	fita	FIACDPOSD
32589	7f4d	fita	FIDATIMER
32590	7f4e	fita	FINOSTINFO
32591	7f4f	fita	FIDNFEATS
32592	7f50	fita	FIAPCCC
32593	7f51	fita	FICVALCE
32594	7f52	fita	FICVCORD
32595	7f53	fita	FICVDBRF
32596	7f54	fita	FICVEBADS
32597	7f55	fita	FICVLNKE
32598	7f56	fita	FICVMPRT
32599	7f57	fita	FICVSDLK
32600	7f58	fita	FICVUXEV
32601	7f59	fita	FIFAPER
32602	7f5a	fita	FIFCTRNM
32603	7f5b	fita	FICVBADS
32604	7f5c	fita	FIWBTBLOCK
32605	7f5d	fita	FIPRISTAT
32606	7f5e	fita	FIACDSPI
32607	7f5f	fita	FIACDMSG
32608	7f60	fita	FIFBNOTEDB
32609	7f61	fita	FIAFITPI
32610	7f62	fita	FIACDINF
32611	7f63	fita	FIAUTEDB
32612	7f64	fita	FIACDINP
32613	7f65	fita	FIOPSTLVL
32614	7f66	fita	FIORNOCT
32615	7f67	fita	FIAFICWA
32616	7f68	fita	FIAFIUNXTAG
32617	7f69	fita	FIAFIUXMSG
32618	7f6a	fita	FIINVINIT
32619	7f6b	fita	FIINVRSN
32620	7f6c	fita	FIINVTMR
32621	7f6d	fita	FIQVUXTYPE
32622	7f6e	fita	FIQVUXMSG
32623	7f6f	fita	FIQVUXPROC
32624	7f70	fita	FIOFFICECODE
32625	7f71	fita	FINOCTINFO
32626	7f72	fita	FIMBUNEXP
32627	7f73	fita	FIMBNOMSG
32628	7f74	fita	FIMBBADMSG
32629	7f75	fita	FIMBUXMG
32630	7f76	fita	FIMBBADSTATE
32631	7f77	fita	FIMBBADRET
32632	7f78	fita	FIMBBADPAR
32633	7f79	fita	FIAFIMSGNR
32634	7f7a	fita	FIBSTPOSD
32635	7f7b	fita	FIAUACDPOSD
32636	7f7c	fita	FIAUACDINFO
32637	7f7d	fita	FIAFIGNE
32638	7f7e	fita	FIINAFIR
32639	7f7f	fita	FI0034

32640	7f80	fita	FI0042
32641	7f81	fita	FI_ANOUNCE
32642	7f82	fita	FIBADBRG
32643	7f83	fita	FIAUDALB
32644	7f84	fita	FIAUDPB
32645	7f85	fita	FIBADPARM
32646	7f86	fita	FIPCOPSP
32647	7f87	fita	FIRT_SCRNING
32648	7f88	fita	FITPCBADPID
32649	7f89	fita	FIACDIDS
32650	7f8a	fita	FIACDENT
32651	7f8b	fita	FIPP_TRUNK
32652	7f8c	fita	FIPP_CF
32653	7f8d	fita	FINOE9ACD
32654	7f8e	fita	FITPCIPG
32655	7f8f	fita	FITPCSP1
32656	7f90	fita	FITPCSP2
32657	7f91	fita	FITPCSP3
32658	7f92	fita	FIRT_TRKG
32659	7f93	fita	FIGETPTLA
32660	7f94	fita	FIBADMSG
32661	7f95	fita	FITSMTRING
32662	7f96	fita	FITSM_BMAP
32663	7f97	fita	FITPCINV
32664	7f98	fita	FITSM_BTN
32665	7f99	fita	FILPT_PT
32666	7f9a	fita	FISCRANG
32667	7f9b	fita	FINO_FENPA
32668	7f9c	fita	FINPASRC
32669	7f9d	fita	FILTSBPORT
32670	7f9e	fita	FILTM_PORT
32671	7f9f	fita	FIPRIFEATS
32672	7fa0	fita	FIPEDSGRP
32673	7fa1	fita	FITPCSP2
32674	7fa2	fita	FITPCSP3
32675	7fa3	fita	FITPCSP4
32676	7fa4	fita	FITPCSP5
32677	7fa5	fita	FI_TAG_MAP
33025	8101	rita	RIAUNONE
33026	8102	rita	RIDESTROY
33027	8103	rita	RIAUDALB
33028	8104	rita	RIAUDPB
33029	8105	rita	RIDSLEQUIP
33030	8106	rita	RIFAP_FAIL
33031	8107	rita	RISPID
33032	8108	rita	RICRPT_DATA
33033	8109	rita	RIAUTEDB
33034	810a	rita	RIFC_LINE
33035	810b	rita	RIFC_PORTTYP
33036	810c	rita	RIAUPCBLA
33037	810d	rita	RIIS_LINE
33038	810e	rita	RIAUBRCSD
33039	810f	rita	RIAUPORTLA
33040	8110	rita	RIBREQ_INV
33041	8111	rita	RISTCMD_INV
33042	8112	rita	RIPORT_GROUP
33043	8113	rita	RIAULTMSTAT
33044	8114	rita	RIBSEL_INV
33045	8115	rita	RIINV_BIND
33046	8116	rita	RILPT_SPID
33047	8117	rita	RIINV_SOPREQ
33048	8118	rita	RISOPRET_INV
33049	8119	rita	RIBIP_SC_INV
33050	811a	rita	RINIP_SC_INV
33051	811b	rita	RIPTPRET_INV
33052	811c	rita	RIMPRET_INV
33053	811d	rita	RIUNB_SOP_INV
33054	811e	rita	RIB_SOP_INV
33055	811f	rita	RINDN_SOP_INV
33056	8120	rita	RISPID_RQ_INV
33057	8121	rita	RIINV_SPID_PTP
33058	8122	rita	RIRET_SPID_INV

33059	8123	rita	RITEI_PORT_INV
33060	8124	rita	RIUNB_REQ_INV
33061	8125	rita	RIAUTEILA
33062	8126	rita	RIEDSLDCHN
33063	8127	rita	RIPSX25LN
33064	8128	rita	RIAUDISPDB
33065	8129	rita	RIDN_FEATS
33066	812a	rita	RILPT_PT
33067	812b	rita	RIPSAPISLINE
33068	812c	rita	RICHK_SC_INV
33069	812d	rita	RINOCODE
33070	812e	rita	RIISTERM
33071	812f	rita	RITERMKYDN
33072	8130	rita	RIREQSRV_INV
33074	8132	rita	RIDN_LPT
33076	8134	rita	RIINVDEVENT
33077	8135	rita	RIPRISTAT
33078	8136	rita	RIPRIFACS
33079	8137	rita	RIFC_TRUNK
33082	813a	rita	RIAUCDPOSDB
33083	813b	rita	RIPRIGRP
33084	813c	rita	RIBRGAFAIL
33085	813d	rita	RIFAILBRGA
33086	813e	rita	RIBRGFAILL
33087	813f	rita	RIBRGLFAIL
33088	8140	rita	RISTACDPOSDB
33090	8142	rita	RIAUPDU
33091	8143	rita	RIWBTBLOCK
33092	8144	rita	RIBFGPORT
33093	8145	rita	RIBADARG
33094	8146	rita	RICVSTATE
33095	8147	rita	RIINSDYN
33096	8148	rita	RIRGLPRM
33097	8149	rita	RIUGLPRM
33098	814a	rita	RIRETROINT
33099	814b	rita	RIPFIXTEI
33100	814c	rita	RIAGACDPOSDB
33101	814d	rita	RIFDAPC
33102	814e	rita	RIOFFICECODE
33425	8291	ct	CTNOBUF
33426	8292	ct	CTMSGQFAIL
33427	8293	ct	CTBADDLTRG
33428	8294	ct	CTADSIENT
33429	8295	ct	CTADSIURET
33430	8296	ct	CTADSIUMSG
33431	8297	ct	CTDSISND
33432	8298	ct	CTDSIIENT
33433	8299	ct	CTDSIURET
33434	829a	ct	CTDSIUSG
33435	829b	ct	CTDSIINSPRC
33436	829c	ct	CTDSIULBUFCRPT
33437	829d	ct	CTDSIFRBUFCRPT
33438	829e	ct	CTNOBFR
33439	829f	ct	CTNOQUE
33440	82a0	ct	CTAPPRCMGSNDFAIL
33441	82a1	ct	CTSSNRCMSGNDFAIL
33442	82a2	ct	CTMLTLRCMSGNDFAIL
33443	82a3	ct	CTLAB7RCMSGNDFAIL
33444	82a4	ct	CTPCIRCMSGNDFAIL
33445	82a5	ct	CTCMPLAB7_BREL
33446	82a6	ct	CTAPP_BREL
33447	82a7	ct	CTSSN_BREL
33448	82a8	ct	CTMLTL_BREL
33449	82a9	ct	CTPCI_BREL
33450	82aa	ct	CTOKPLAB7_BREL
33451	82ab	ct	CTNOMLTL_DLNMSG
33452	82ac	ct	CTNOSSN_DLNMSG
33453	82ad	ct	CTNOAPP_DLNMSG
33454	82ae	ct	CTNOLAB7_DLNMSG
33455	82af	ct	CTSTBYDLN_LAB7MSGFAIL
33456	82b0	ct	CTNOPCI_DLNMSG
33457	82b1	ct	CTSTBYDLN_PCIMSGFAIL

33458	82b2	ct	CTRCSSNOOSFAIL
33459	82b3	ct	CTRCSSNINSFAIL

25. 5E14 Numeric Index: 33460-40119

ERROR CODE	PRM CODE	RANGE	MNEMONIC
33460	82b4	ct	CTROPFAIL
33461	82b5	ct	CTROPTRY2FAIL
33462	82b6	ct	CTROPQUEOVFL
33463	82b7	ct	CTDLNDBSSNOOSFAIL
33464	82b8	ct	CTDLNDBSSNINSFAIL
33465	82b9	ct	CTFREETUPBRELID
33466	82ba	ct	CTADDTUPBRELID
33467	82bb	ct	CTDLNPMPBRELID
33468	82bc	ct	CTLAB6RCCMPMSGFAIL
33469	82bd	ct	CTLAB7RCCMPMSGFAIL
33470	82be	ct	CTPCIRCCMPMSGFAIL
33471	82bf	ct	CTDLNPMPCMPMSGFAIL
33472	82c0	ct	CTAPPRCCMPMSGFAIL
33473	82c1	ct	CTSSNRCCMPMSGFAIL
33474	82c2	ct	CTMLTLRCCMPMSGFAIL
33475	82c3	ct	CTDDBENTRY
33476	82c4	ct	CTDDBMSG
33477	82c5	ct	CTEMPTYLAB7BADRCOPER
33478	82c6	ct	CTLAB7TPLNOTFNDBADRCOPER
33479	82c7	ct	CTLAB7TPLBADRCOPER
33480	82c8	ct	CTEMPTYPCIBADRCOPER
33481	82c9	ct	CTPCITPLNOTFNDBADRCOPER
33482	82ca	ct	CTPCITPLBADRCOPER
33483	82cb	ct	CTAPPOORINDX
33484	82cc	ct	CTAPPTPLBADRCOPER
33485	82cd	ct	CTAPPTPLNOTFNDBADRCOPER
33486	82ce	ct	CTSSNOORINDX
33487	82cf	ct	CTSSNTPLBADRCOPER
33488	82d0	ct	CTSSNTPLNOTFNDBADRCOPER
33489	82d1	ct	CTINVMLTLATAAPPL
33490	82d2	ct	CTMLTLINVRCONPER
33491	82d3	ct	CTDLNMEMINITUNPRFAIL
33492	82d4	ct	CTDLNMEMINITREPRFAIL
33493	82d5	ct	CTDDBUNPRO
33494	82d6	ct	CTDDBMPRO
33495	82d7	ct	CTUNPRINVRET
33496	82d8	ct	CTREPRINVRET
33497	82d9	ct	CTBADRETCODE1
33498	82da	ct	CTBADRETCODE2
33499	82db	ct	CTINVRETCODE
33500	82dc	ct	CTAMTOUP_BAD1
33501	82dd	ct	CTAMTOUP_BAD2
33502	82de	ct	CTAMTOUP_BAD3
33503	82df	ct	CTCLASS_BAD1
33504	82e0	ct	CTCLASS_BAD2
33505	82e1	ct	CTDDRDERR
33506	82e2	ct	CTOSDSCHSETFAIL1
33507	82e3	ct	CTDIRSIGCHSETFAIL
33508	82e4	ct	CTOSDSCHSETFAIL2
33509	82e5	ct	CTIPMHD
33510	82e6	ct	CTUNEXPMSG
33511	82e7	ct	CTNOTSMG
33512	82e8	ct	CTLAB7READERR1
33513	82e9	ct	CTLAB7READERR2
33514	82ea	ct	CTBADDATA
33515	82eb	ct	CTPCIREADERR1
33516	82ec	ct	CTPCIREADERR2
33517	82ed	ct	CTOSDSCHOPENFAIL1
33518	82ee	ct	CTDIRSIGCHOPENFAIL
33519	82ef	ct	CTOSDSCHOPENFAIL2
33520	82f0	ct	CTNOOSDSBUF
33521	82f1	ct	CTNOTCAPBUF
33522	82f2	ct	CTNODSBUF
33523	82f3	ct	CTNOTSBUF
33524	82f4	ct	CTDSAPPSSNISFAIL1

33525	82f5	ct	CTDSAPPREADFAIL1
33526	82f6	ct	CTDSAPPREADFAIL2
33527	82f7	ct	CTUNKCMOSDSMSG
33528	82f8	ct	CTDSSSNREADFAIL1
33529	82f9	ct	CTDSSSNREADFAIL2
33530	82fa	ct	CTZEROLNGMSGRECV
33531	82fb	ct	CTINVLNGMSGRECV
33532	82fc	ct	CTBLKAPPMMSGINVRET
33533	82fd	ct	CTBLKOSDSMSGINVRET
33534	82fe	ct	CTOSDSMSGSNDFAIL
33535	82ff	ct	CTAMTCAPMSGSNDFAIL
33536	8300	ct	CTDLNTCAPMSGSNDFAIL
33537	8301	ct	CTAMDSAPPMMSGSNDFAIL
33538	8302	ct	CTAMTSMMSGSNDFAIL
33539	8303	ct	CTINVTMRTAG
33540	8304	ct	CTINVOSPSTADLTRMSG
33541	8305	ct	CTINVOSDSDLTRMSG
33542	8306	ct	CTUNXRRCVMSG
33543	8307	ct	CTUNKNDESTMSG
33544	8308	ct	CTDSSSNREADFAIL3
33545	8309	ct	CTINVSSNAPPTYPE
33546	830a	ct	CTDSAPPREADFAIL3
33547	830b	ct	CTDSAPPREADFAIL4
33548	830c	ct	CTUNXPPCKTMSGTYPE
33549	830d	ct	CTUNKPDESTMSG
33550	830e	ct	CTUNXPIPMMSGTYPE
33551	830f	ct	CTUNXPNPCKTMSGTYPE
33552	8310	ct	CTAMRDCMPLMSGFAIL
33553	8311	ct	CTDSAPPSSNISFAIL2
33554	8312	ct	CTEPCCMSDSNDFAIL
33555	8313	ct	CTDLNDSAPPMMSGSNDFAIL
33556	8314	ct	CTDLNTSMMSGSNDFAIL
33557	8315	ct	CTEPCCNIBUFERR
33558	8316	ct	CTHBACKCNIBUFERR
33559	8317	ct	CTDTACKCNIBUFERR
33560	8318	ct	CTPMPDNCNIBUFERR
33561	8319	ct	CTSTRTACKCNIBUFERR
33562	831a	ct	CTERRRPTCNIBUFERR
33563	831b	ct	CTSWUPDCNIBUFERR
33564	831c	ct	CTOVLCNGCNIBUFERR
33565	831d	ct	CTSWUPDACKCNIBUFERR
33566	831e	ct	CTSPPCNIBUFERR
33567	831f	ct	CTIMSOPEN
33568	8320	ct	CTTRSPENT
33569	8321	ct	CTIMSBFR
33570	8322	ct	CTDLNINV
33571	8323	ct	CTRRCVIMSWRTERR
33572	8324	ct	CTRWTFIMSWRTERR
33573	8325	ct	CTWRTAM3BWRTErr
33574	8326	ct	CTAMRCV3BWRTErr
33575	8327	ct	CTPMPHDRWRTERR
33576	8328	ct	CTQ0WRNF3BWRTErr
33577	8329	ct	CTQ1WRNF3BWRTErr
33578	832a	ct	CTQ0HWNF3BWRTErr
33579	832b	ct	CTDMAWRK3BRDERR
33580	832c	ct	CTQ0HRNF3BRDERR
33581	832d	ct	CTQ1HRNF3BRDERR
33582	832e	ct	CTSBMPNF3BRDERR
33583	832f	ct	CTSMOUTNF3BRDERR
33584	8330	ct	CTLLMRNF3BRDERR
33585	8331	ct	CTQ0RDNF3BRDERR
33586	8332	ct	CTDBHWNF3BRDERR
33587	8333	ct	CTDBHRNF3BRDERR
33625	8359	prpp	PRPPTTEST
33675	838b	trc	TRBADMSG
33676	838c	trc	TRBAD_SM
33677	838d	trc	TRSYSPROC
33725	83bd	pcs	PCSBADARG
33726	83be	pcs	PCSRGLPRM
33727	83bf	pcs	PCSUGLPRM
33728	83c0	pcs	PCSINSDYN
33729	83c1	pcs	PCSATHCUD

33730	83c2	pcs	PCSATHCSD
33732	83c4	pcs	PCSTEN2REG
33733	83c5	pcs	PCSUNXRPMSG
33735	83c7	pcs	PCSAMUNXINP
33736	83c8	pcs	PCSBADSUDB
33737	83c9	pcs	PCSDNIDX
33738	83ca	pcs	PCSTIDIDX
33739	83cb	pcs	PCSBADVLR
33740	83cc	pcs	PCSAUNXMSG
33741	83cd	pcs	PCSPORT2VSM
33742	83ce	pcs	PCSTIDGRP
33744	83d0	pcs	PCSRPCU2NDN
33746	83d2	pcs	PCSFINHDD
33747	83d3	pcs	PCSLSDHD
33748	83d4	pcs	PCSSUBDATA
33749	83d5	pcs	PCSPCS_HLR
33750	83d6	pcs	PCSNOCODE
33751	83d7	pcs	PCSRSHCSD
33752	83d8	pcs	PCSBADHSKEY
33753	83d9	pcs	PCSREGDATA
33825	8421	cd	CD1MSG
33826	8422	cd	CDBADARG
33827	8423	cd	CDINSDYN
33828	8424	cd	CDQVSTATE
33829	8425	cd	CDRGLPRM
33830	8426	cd	CDUGLPRM
33831	8427	cd	CDIAGTID
33832	8428	cd	CDILGDEF
33833	8429	cd	CDIAGTPOS
33834	842a	cd	CDISTPARM
33835	842b	cd	CDISVDEF
33836	842c	cd	CDCQMASK
33837	842d	cd	CDICQPARM
33838	842e	cd	CDICQDEF
33839	842f	cd	CDIHC_CLLQ
33840	8430	cd	CDICQGP1
33841	8431	cd	CDICQCLTQ
33842	8432	cd	CDICLLQDB
33843	8433	cd	CDICQLNK
33844	8434	cd	CDIACD_POS
33845	8435	cd	CDISRDEF
33846	8436	cd	CDISRVQDB
33847	8437	cd	CDIHC_SRVQ
33848	8438	cd	CDISRVQ_HC
33849	8439	cd	CD_WHAT
33850	843a	cd	CDBADYRET
33851	843b	cd	CDAUSRVQDB
33852	843c	cd	CDAUAGTPOS
33853	843d	cd	CDTLGERRN
33854	843e	cd	CDTLGDEF
33855	843f	cd	CDSTPARM
33856	8440	cd	CDAUHC_CLLQ
33857	8441	cd	CD2MSG
33858	8442	cd	CDCQPARM
33859	8443	cd	CDAGENTID
33860	8444	cd	CDDSRVQ_HC
33861	8445	cd	CDDHC_CLLQ
33862	8446	cd	CDAUCLLQDB
33863	8447	cd	CDGLCLLQDB
33864	8448	cd	CDRMHSRVQ
33865	8449	cd	CDRMHCLLQ
33866	844a	cd	CDAUGHCLLQ
33867	844b	cd	CDAUGHSRVQ
34025	84e9	op	OPCSADASRT
34026	84ea	op	OP_BADMSGTYPE
34027	84eb	op	OPBADTRGRS
34028	84ec	op	SES_2_ASRT
34029	84ed	op	OPUNXMSG
34030	84ee	op	OP_RANGE
34031	84ef	op	OP_AR_OPN_DB
34032	84f0	op	OP_AR_ACC_DB
34033	84f1	op	OP_AR_END_DB

34034	84f2	op	OP_OS_BAD
34035	84f3	op	TPOPPRFAIL
34036	84f4	op	TPODBFAIL
34037	84f5	op	TPNODALB
34038	84f6	op	TPNOPORTYPE
34039	84f7	op	TP_BADMSG
34040	84f8	op	TPINERROR
34041	84f9	op	TPGLTCPKKTINVAL
34042	84fa	op	OPNOPORTLA
34043	84fb	op	TP_RANGE
34044	84fc	op	TPDBOPFAIL
34045	84fd	op	TPINVLDPROC
34046	84fe	op	TP_INVACTION
34047	84ff	op	TP_INVCTRL
34048	8500	op	TPINVLKSTATE
34049	8501	op	TPRCV_ERROR
34050	8502	op	TP_INVALHDRSEQ
34051	8503	op	TPBADTCPMSG
34052	8504	op	TP_NOSHORTBNDRY
34053	8505	op	TPINCORRECTHDR
34054	8506	op	OPBADROUTE_ENTRY
34055	8507	op	OPINVALID_PID
34125	854d	rpalm	HMRP00
34126	854e	rpalm	HMRP01
34127	854f	rpalm	HMRP02
34128	8550	rpalm	HMRP03
34129	8551	rpalm	HMRP04
34130	8552	rpalm	HMRP05
34131	8553	rpalm	HMRP06
34132	8554	rpalm	HMRP07
34133	8555	rpalm	HMRP08
34134	8556	rpalm	HMRP09
34135	8557	rpalm	HMRP10
34136	8558	rpalm	HMRP11
34137	8559	rpalm	HMRP12
34138	855a	rpalm	HMRP13
34139	855b	rpalm	HMRP14
34175	857f	fcph	FCUNXMSG
34176	8580	fcph	ISBADARG
40000	9c40	db	DBAC0000
40001	9c41	db	DBAC0001
40002	9c42	db	DB_TYP_ERR
40003	9c43	db	DB_FULL
40004	9c44	db	DB_BID_ERR
40005	9c45	db	DB_SIZE_ERR
40006	9c46	db	DB_FREE_ERR
40007	9c47	db	DBAC0007
40008	9c48	db	DBAC0008
40009	9c49	db	DBAC0009
40010	9c4a	db	DBAC0010
40011	9c4b	db	DBAC0011
40012	9c4c	db	DBAC0012
40013	9c4d	db	DBAC0013
40014	9c4e	db	DBAC0014
40015	9c4f	db	DBAC0015
40016	9c50	db	DBAC0016
40017	9c51	db	DBAC0017
40018	9c52	db	DBAC0018
40019	9c53	db	DBAC0019
40020	9c54	db	DBAC0020
40021	9c55	db	DBAC0021
40022	9c56	db	DBAC0022
40023	9c57	db	DBAC0023
40024	9c58	db	DBAC0024
40025	9c59	db	DBAC0025
40026	9c5a	db	DBAC0026
40027	9c5b	db	DBAC0027
40028	9c5c	db	DBAC0028
40029	9c5d	db	DBAC0029
40030	9c5e	db	DBAC0030
40031	9c5f	db	DBAC0031
40032	9c60	db	DBAC0032

40033	9c61	db	DBAC0033
40034	9c62	db	DBAC0034
40035	9c63	db	DBAC0035
40036	9c64	db	DBAC0036
40037	9c65	db	DBAC0037
40038	9c66	db	DBAC0038
40039	9c67	db	DBAC0039
40040	9c68	db	DBAC0040
40041	9c69	db	DBAC0041
40042	9c6a	db	DBAC0042
40043	9c6b	db	DBAC0043
40044	9c6c	db	DBAC0044
40045	9c6d	db	DBAC0045
40046	9c6e	db	DBSZFAIL
40047	9c6f	db	DBAC0047
40048	9c70	db	DBAC0048
40049	9c71	db	DBAC0049
40050	9c72	db	DBAC0050
40051	9c73	db	DBAC0051
40052	9c74	db	DBAC0052
40053	9c75	db	DBAC0053
40054	9c76	db	DBAC0054
40055	9c77	db	DBAC0055
40056	9c78	db	DBAC0056
40057	9c79	db	DBAC0057
40058	9c7a	db	DBAC0058
40059	9c7b	db	DBAC0059
40060	9c7c	db	DBAC0060
40061	9c7d	db	DBAC0061
40062	9c7e	db	DBAC0062
40063	9c7f	db	DBAC0063
40064	9c80	db	DBAC0064
40065	9c81	db	DBAC0065
40066	9c82	db	DBAC0066
40067	9c83	db	DBAC0067
40068	9c84	db	DBAC0068
40069	9c85	db	DBAC0069
40070	9c86	db	DBAC0070
40071	9c87	db	DBAC0071
40072	9c88	db	DBAC0072
40073	9c89	db	DBAC0073
40074	9c8a	db	DBAC0074
40075	9c8b	db	DBAC0075
40076	9c8c	db	DBAC0076
40077	9c8d	db	DBAC0077
40078	9c8e	db	DBAC0078
40079	9c8f	db	DBAC0079
40080	9c90	db	DBAC0080
40081	9c91	db	DBAC0081
40082	9c92	db	DBAC0082
40083	9c93	db	DBAC0083
40084	9c94	db	DBAC0084
40085	9c95	db	DBAC0085
40086	9c96	db	DBAC0086
40087	9c97	db	DBAC0087
40088	9c98	db	DBLGTMPSPC
40089	9c99	db	DBAC0089
40090	9c9a	db	DBAC0090
40091	9c9b	db	DBAC0091
40092	9c9c	db	DBAC0092
40093	9c9d	db	DBAC0093
40094	9c9e	db	DBAC0094
40095	9c9f	db	DBAC0095
40096	9ca0	db	DBAC0096
40097	9ca1	db	DBAC0097
40098	9ca2	db	DBAC0098
40099	9ca3	db	DBAC0099
40100	9ca4	db	DBAC0100
40101	9ca5	db	DBAC0101
40102	9ca6	db	DBAC0102
40103	9ca7	db	DBAC0103
40104	9ca8	db	DBAC0104

40105	9ca9	db	DBAC0105
40106	9caa	db	DBAC0106
40107	9cab	db	DBAC0107
40108	9cac	db	DBAC0108
40109	9cad	db	DBAC0109
40110	9cae	db	DBAC0110
40111	9caf	db	DBAC0111
40112	9cb0	db	DBAC0112
40113	9cb1	db	DBAC0113
40114	9cb2	db	DBAC0114
40115	9cb3	db	DBAC0115
40116	9cb4	db	DBAC0116
40117	9cb5	db	DBAC0117
40118	9cb6	db	DBAC0118
40119	9cb7	db	DBAC0119

26. 5E14 Numeric Index: 40120-40489

ERROR CODE	PRM CODE	RANGE	MNEMONIC
40120	9cb8	db	DBAC0120
40121	9cb9	db	DBAC0121
40122	9cba	db	DBAC0122
40124	9cbc	db	DBAC0124
40125	9cbd	db	DBAC0125
40126	9cbe	db	DBAC0126
40128	9cc0	db	DBAC0128
40129	9cc1	db	DBAC0129
40130	9cc2	db	DBAC0130
40131	9cc3	db	DBAC0131
40132	9cc4	db	DBAC0132
40133	9cc5	db	DBAC0133
40134	9cc6	db	DBAC0134
40135	9cc7	db	DBAC0135
40136	9cc8	db	DBAC0136
40137	9cc9	db	DBAC0137
40138	9cca	db	DBAC0138
40139	9ccb	db	DBAC0139
40140	9ccc	db	DBAC0140
40141	9ccd	db	DBAC0141
40142	9cce	db	DBAC0142
40143	9ccf	db	DBAC0143
40144	9cd0	db	DBAC0144
40145	9cd1	db	DBAC0145
40146	9cd2	db	DBAC0146
40147	9cd3	db	DBAC0147
40148	9cd4	db	DBAC0148
40149	9cd5	db	DBAC0149
40150	9cd6	db	DBAC0150
40151	9cd7	db	DBAC0151
40152	9cd8	db	DBAC0152
40153	9cd9	db	DBAC0153
40154	9cda	db	DBAC0154
40155	9cdb	db	DBAC0155
40156	9cdc	db	DBAC0156
40157	9cdd	db	DBAC0157
40158	9cde	db	DBAC0158
40159	9cdf	db	DBAC0159
40160	9ce0	db	DBAC0160
40161	9ce1	db	DBAC0161
40162	9ce2	db	DBAC0162
40163	9ce3	db	DBAC0163
40164	9ce4	db	DBAC0164
40165	9ce5	db	DBAC0165
40166	9ce6	db	DBAC0166
40167	9ce7	db	DBAC0167
40168	9ce8	db	DBAC0168
40169	9ce9	db	DBAC0169
40170	9cea	db	DBAC0170
40171	9ceb	db	DBAC0171
40172	9cec	db	DBAC0172
40173	9ced	db	DBAC0173

40174	9cee	db	DBAC0174
40175	9cef	db	DBAC0175
40176	9cf0	db	DBAC0176
40177	9cf1	db	DBAC0177
40178	9cf2	db	DBAC0178
40179	9cf3	db	DBAC0179
40180	9cf4	db	DBAC0180
40181	9cf5	db	DBAC0181
40182	9cf6	db	DBAC0182
40183	9cf7	db	DBAC0183
40184	9cf8	db	DBAC0184
40185	9cf9	db	DBAC0185
40186	9cfa	db	DBAC0186
40187	9cfb	db	DBAC0187
40188	9cfc	db	DBAC0188
40189	9cfd	db	DBAC0189
40190	9cfe	db	DBAC0190
40191	9cff	db	DBAC0191
40192	9d00	db	DBAC0192
40193	9d01	db	DBAC0193
40194	9d02	db	DBAC0194
40195	9d03	db	DBAC0195
40196	9d04	db	DBAC0196
40197	9d05	db	DBAC0197
40198	9d06	db	DBMODACC
40199	9d07	db	DBMODITUP
40200	9d08	db	DBAC0200
40201	9d09	db	DBAC0201
40202	9d0a	db	DBAC0202
40203	9d0b	db	DBAC0203
40204	9d0c	db	DBAC0204
40205	9d0d	db	DBAC0205
40206	9d0e	db	DBBAD_AVAIL
40207	9d0f	db	DBAC0207
40208	9d10	db	DBAC0208
40209	9d11	db	DBAC0209
40210	9d12	db	DBAC0210
40211	9d13	db	DBAC0211
40212	9d14	db	DBAC0212
40213	9d15	db	DBAC0213
40214	9d16	db	DBAC0214
40215	9d17	db	DBAC0215
40216	9d18	db	DBMODEREL
40217	9d19	db	DBMODRTUP
40218	9d1a	db	DBMODTBGN
40219	9d1b	db	DBAC0219
40220	9d1c	db	DBUPDRTUP
40221	9d1d	db	DBUPDRFTUP
40222	9d1e	db	DBUPDUTUP
40223	9d1f	db	DBUPDDTUP
40224	9d20	db	DBUPDITUP
40225	9d21	db	DBUPDEMP
40226	9d22	db	DBAC0226
40227	9d23	db	DBAC0227
40228	9d24	db	DBAC0228
40229	9d25	db	DBAC0229
40230	9d26	db	DBAC0230
40231	9d27	db	DBAC0231
40232	9d28	db	DBAC0232
40233	9d29	db	DBAC0233
40234	9d2a	db	DBAC0234
40235	9d2b	db	DBAC0235
40236	9d2c	db	DBAC0236
40237	9d2d	db	DBAC0237
40238	9d2e	db	DBAC0238
40239	9d2f	db	DBAC0239
40240	9d30	db	DBAC0240
40241	9d31	db	DBAC0241
40242	9d32	db	DBUPDDKEY
40243	9d33	db	DBAC0243
40244	9d34	db	DBAC0244
40245	9d35	db	DBAC0245

40246	9d36	db	DBAC0246
40247	9d37	db	DBAC0247
40248	9d38	db	DBAC0248
40249	9d39	db	DBAC0249
40250	9d3a	db	DBUPDTEND
40251	9d3b	db	DBUPDTBGN
40252	9d3c	db	DBUPDOREL
40253	9d3d	db	DBUPDSITRG
40254	9d3e	db	DBUPDSMTRG
40255	9d3f	db	DBUPDGLTRG
40256	9d40	db	DBUPDCFAL
40257	9d41	db	DBMODABN
40258	9d42	db	DBAC0258
40259	9d43	db	DBAC0259
40260	9d44	db	DBAC0260
40261	9d45	db	DBUGBADMG
40262	9d46	db	DBUMSGRC
40263	9d47	db	DBSDWTDFLT
40264	9d48	db	DBUGDBC
40265	9d49	db	DBSNPCORPT
40266	9d4a	db	DBBDDBC
40267	9d4b	db	DBBDGRSZ
40268	9d4c	db	DBBPRBAD
40269	9d4d	db	DBRLDCBRL
40270	9d4e	db	DBUGSMTMOUT
40271	9d4f	db	DBUGNOSND
40272	9d50	db	DBWTIDBD
40273	9d51	db	DBWT2LG
40274	9d52	db	DBRNUMBD
40275	9d53	db	DB2MNYFL
40276	9d54	db	DBWTLFULL
40277	9d55	db	DBMVGRFL
40278	9d56	db	DBSNPOVFLW
40279	9d57	db	DBSNPVER
40280	9d58	db	DBBADDICT
40281	9d59	db	DBBAD_ALIGN
40282	9d5a	db	DBAC0282
40283	9d5b	db	DBAC0283
40284	9d5c	db	DBAC0284
40285	9d5d	db	DBAC0285
40286	9d5e	db	DBAC0286
40287	9d5f	db	DBAC0287
40288	9d60	db	DBAC0288
40289	9d61	db	DBAC0289
40290	9d62	db	DBAC0290
40291	9d63	db	DBAC0291
40292	9d64	db	DBAC0292
40293	9d65	db	DBAC0293
40294	9d66	db	DBAC0294
40295	9d67	db	DBAC0295
40296	9d68	db	DBAC0296
40297	9d69	db	DBAC0297
40298	9d6a	db	DBAC0298
40299	9d6b	db	DBAC0299
40300	9d6c	db	DBHDNTDUP
40301	9d6d	db	DBR95_FULL
40302	9d6e	db	DBAC0302
40303	9d6f	db	DBAC0303
40304	9d70	db	DBAC0304
40305	9d71	db	DBAC0305
40306	9d72	db	DBAC0306
40307	9d73	db	DBAC0307
40308	9d74	db	DBAC0308
40309	9d75	db	DBAC0309
40310	9d76	db	DBAC0310
40311	9d77	db	DBAC0311
40312	9d78	db	DBAC0312
40313	9d79	db	DBSIFAIL
40314	9d7a	db	DBSMCMTMOUT
40320	9d80	db	DBUGHSHUP
40321	9d81	db	DBACCUPFL
40322	9d82	db	DBBDMTYP

40323	9d83	db	DBBSTCOPY
40324	9d84	db	DBBSTDDRD
40325	9d85	db	DBAC0325
40326	9d86	db	DBAC0326
40327	9d87	db	DBAC0327
40328	9d88	db	DBBSTPARMS
40329	9d89	db	DBBSTDDWR
40330	9d8a	db	DBBSTSMIM
40331	9d8b	db	DBBSTZBMAP
40332	9d8c	db	DBBSTBTRN
40333	9d8d	db	DBBSTOPREL
40334	9d8e	db	DBBSTTRNST
40335	9d8f	db	DBBSTCONV
40336	9d90	db	DBBRELTYPE
40337	9d91	db	DBBSTACCUP
40338	9d92	db	DBNRNOSEND
40339	9d93	db	DBNRBADMSG
40340	9d94	db	DBNMMSGRC
40341	9d95	db	DBNR2HSHUP
40342	9d96	db	DBNRDATA
40343	9d97	db	DBNRMEMREC
40344	9d98	db	DBNRPARMBAD
40345	9d99	db	DBNSMCMTMOUT
40346	9d9a	db	DBNRDBC1
40347	9d9b	db	DBNRCIBAD
40348	9d9c	db	DBNRBSTRUN
40349	9d9d	db	DBNRADDMEM
40350	9d9e	db	DBNRSMTMOUT
40351	9d9f	db	DBNRHSHUP
40352	9da0	db	DBUGNOCRTRM
40353	9da1	db	DBRGRCVRY
40354	9da2	db	DBRGABTD
40355	9da3	db	DBINVRET
40356	9da4	db	DBINVMSG
40357	9da5	db	DBDDWRITEF
40358	9da6	db	DBDDREADF
40359	9da7	db	DBRGOPENF
40360	9da8	db	DBRGREADF
40361	9da9	db	DBRGSEEK
40362	9daa	db	DBBKUPON
40363	9dab	db	DBRGHMOUT
40364	9dac	db	DBRGCLOSEF
40365	9dad	db	DBRGINIT
40366	9dae	db	DBRGSGRWF
40367	9daf	db	DBAC0367
40368	9db0	db	DBGETBFR
40369	9db1	db	DBRLSBFR
40370	9db2	db	DBMSZMALLOC
40371	9db3	db	DBMSZDATA
40372	9db4	db	DBINITDDBD
40373	9db5	db	DBTRIGFAIL
40374	9db6	db	DBNR95_FULL
40375	9db7	db	DBAC0375
40376	9db8	db	DBBIGTUP
40377	9db9	db	DBLGTOTAL
40378	9dba	db	DBBIGVIEW
40379	9dbb	db	DBAC0379
40380	9dbc	db	DBAC0380
40381	9dbd	db	DBAC0381
40382	9dbe	db	DBMSZUDICT
40383	9dbf	db	DBAC0383
40384	9dc0	db	DBAC0384
40385	9dc1	db	DBAC0385
40386	9dc2	db	DBAC0386
40387	9dc3	db	DBAC0387
40388	9dc4	db	DBAC0388
40389	9dc5	db	DBAC0389
40390	9dc6	db	DBMVCACH
40391	9dc7	db	DBDISTERR
40392	9dc8	db	DBBADTRGINDX
40393	9dc9	db	DBBADACCDICT
40394	9dca	db	DBPARTCMT

40395	9dcb	db	DBAC0397
40396	9dcc	db	DBAC0398
40397	9dcd	db	DBAC0401
40398	9dce	db	DBAC0402
40399	9dcf	db	DBBADLGM
40400	9dd0	db	DBAC0400
40401	9dd1	db	DBLOSTLM
40402	9dd2	db	DBWLGFUN
40403	9dd3	db	DBAC0403
40404	9dd4	db	DBAC0404
40405	9dd5	db	DBAC0405
40406	9dd6	db	DBAC0406
40407	9dd7	db	DBAC0407
40408	9dd8	db	DBAC0408
40409	9dd9	db	DBAC0409
40410	9dda	db	DBAC0410
40411	9ddb	db	DBAC0411
40412	9ddc	db	DBAC0412
40413	9ddd	db	DBAC0413
40414	9dde	db	DBAC0414
40415	9ddf	db	DBAC0415
40416	9de0	db	DBGTGRST
40417	9de1	db	DBSTGRST
40418	9de2	db	DBAC0418
40419	9de3	db	DBTX1FAIL
40420	9de4	db	DBTX2FAIL
40421	9de5	db	DBTX3FAIL
40422	9de6	db	DBAC0422
40423	9de7	db	DBAC0423
40424	9de8	db	DBAC0424
40425	9de9	db	DBAC0425
40426	9dea	db	DBAC0426
40427	9deb	db	DBAC0427
40428	9dec	db	DBAC0428
40429	9ded	db	DBAC0429
40430	9dee	db	DBAC0430
40431	9def	db	DBAC0431
40432	9df0	db	DBAC0432
40433	9df1	db	DBXSRDSYS
40434	9df2	db	DBXSRDFSYS
40435	9df3	db	DBXSRDNSYS
40436	9df4	db	DBXSINSYS
40437	9df5	db	DBRSMOREL
40438	9df6	db	DBPOPDNTRAN
40439	9df7	db	DBDNXTSINTUP
40440	9df8	db	DBXTSINTUP
40441	9df9	db	DBPRDNTAN
40442	9dfa	db	DBPRXSRDTUP
40443	9dfb	db	DBPRNXTSINTUP
40444	9dfc	db	DBMODXSRDFST
40445	9dfd	db	DBMODNXT
40446	9dfe	db	DBSAGPRM
40447	9dff	db	DBSA2LONG
40448	9e00	db	DBSACDNTR
40449	9e01	db	DBSACOREL
40450	9e02	db	DBSACSINTUP
40451	9e03	db	DBSACTBGN
40452	9e04	db	DBSACTEND
40453	9e05	db	DBSACTUPNUM
40454	9e06	db	DBSACUGPR
40455	9e07	db	DBSACUREL
40456	9e08	db	DBSADNMOD
40457	9e09	db	DBSAENMG
40458	9e0a	db	DBSAINVGM
40459	9e0b	db	DBSANOMATE
40460	9e0c	db	DBRFREOTPA
40461	9e0d	db	DBAC0461
40462	9e0e	db	DBAC0462
40463	9e0f	db	DBAC0463
40464	9e10	db	DBAC0464
40465	9e11	db	DBBADDRRL
40466	9e12	db	DBBADATYPE

40467	9e13	db	DBGKRETEERR
40468	9e14	db	BADPRIMCNT
40469	9e15	db	DBADLNKFIELD
40470	9e16	db	DBFRELIBAD
40471	9e17	db	DBMISGKPAG
40472	9e18	db	DBFRINFALL
40473	9e19	db	DBUSDONFRE
40474	9e1a	db	DBPARGTLAST
40475	9e1b	db	DBPARPTBADGK
40476	9e1c	db	DBGKNOTONFREE
40477	9e1d	db	DBGCBADFIN
40478	9e1e	db	DBBADDIST
40479	9e1f	db	DBBADRTYP
40480	9e20	db	DBNFNDTRN
40481	9e21	db	DBNUNTRN
40482	9e22	db	DBACCDICSAME
40483	9e23	db	DBBADPHYSREL
40484	9e24	db	DBGKFCORPT
40485	9e25	db	DBGKCRLOSS
40486	9e26	db	DBMAXVIRT
40487	9e27	db	DBOPNOSUP
40488	9e28	db	DBOPVINCON
40489	9e29	db	DBXTRAGKPAGS

27. 5E14 Numeric Index: 40490-43339

ERROR CODE	PRM CODE	RANGE	MNEMONIC
40490	9e2a	db	DBLGFAIL
40491	9e2b	db	DBBRLMTYPE
40492	9e2c	db	DBGKCCQUEFAIL
40493	9e2d	db	DBGK24TIMER
40494	9e2e	db	DBCYCLINGKBKT
40495	9e2f	db	DBBRTMPGKPROB
40496	9e30	db	DBBRSKLNNULL
40497	9e31	db	DBGKCSYSERR
40498	9e32	db	DBBRDATAPAGE
40499	9e33	db	DBAC0499
40500	9e34	db	DBAC0500
40531	9e53	db	DHSH_OVFL
40850	9f92	os	OSACE0
40851	9f93	os	OSACE1
40852	9f94	os	OSACE2
40853	9f95	os	OSACE3
40854	9f96	os	OSACE4
40855	9f97	os	OSACE5
40856	9f98	os	OSACE6
40857	9f99	os	OSACE7
40858	9f9a	os	OSACE8
40859	9f9b	os	OSACE9
40862	9f9e	os	OSACE12
40863	9f9f	os	OSACE13
40865	9fa1	os	OSACE15
40866	9fa2	os	OSACE16
40867	9fa3	os	OSACE17
40868	9fa4	os	OSACE18
40869	9fa5	os	OSACE19
40870	9fa6	os	OSACE20
40871	9fa7	os	OSACE21
40872	9fa8	os	OSACE22
40873	9fa9	os	OSACE23
40874	9faa	os	OSACE24
40875	9fab	os	OSACE25
40876	9fac	os	OSACE26
40877	9fad	os	OSACE27
40878	9fae	os	OSACE28
40879	9faf	os	OSACE29
40880	9fb0	os	OSACE30
40881	9fb1	os	OSACE31
40882	9fb2	os	OSACE32
40883	9fb3	os	OSACE33
40884	9fb4	os	OSACE34

40885	9fb5	os	OSACE35
40886	9fb6	os	OSACE36
40887	9fb7	os	OSACE37
40888	9fb8	os	OSACE38
40889	9fb9	os	OSACE39
40890	9fba	os	OSACE40
40891	9fbb	os	OSACE41
40892	9fbc	os	OSACE42
40893	9fbd	os	OSACE43
40894	9fbe	os	OSACE44
40896	9fc0	os	OSACE46
40897	9fc1	os	OSACE47
40898	9fc2	os	OSACE48
40899	9fc3	os	OSACE49
40900	9fc4	os	OSACE50
40901	9fc5	os	OSACE51
40902	9fc6	os	OSACE52
40903	9fc7	os	OSACE53
40904	9fc8	os	OSACE54
40905	9fc9	os	OSACE55
40906	9fca	os	OSACE56
40907	9fcb	os	OSACE57
40909	9fcd	os	OSACE59
40910	9fce	os	OSACE60
40911	9fcf	os	OSACE61
40912	9fd0	os	OSACE62
40913	9fd1	os	OSACE63
40914	9fd2	os	OSACE64
40915	9fd3	os	OSACE65
40917	9fd5	os	OSACE67
40918	9fd6	os	OSACE68
40919	9fd7	os	OSACE69
40920	9fd8	os	OSACE70
40921	9fd9	os	OSACE71
40922	9fda	os	OSACE72
40923	9fdb	os	OSACE73
40924	9fdc	os	OSACE74
40925	9fdd	os	OSACE75
40926	9fde	os	OSACE76
40927	9fdf	os	OSACE77
40928	9fe0	os	OSACE78
40929	9fe1	os	OSACE79
40931	9fe3	os	OSACE81
40932	9fe4	os	OSACE82
40934	9fe6	os	OSACE84
40935	9fe7	os	OSACE85
40936	9fe8	os	OSACE86
40939	9feb	os	OSACE89
40940	9fec	os	OSACE90
40941	9fed	os	OSACE91
40942	9fee	os	OSACE92
40943	9fef	os	OSACE93
40944	9ff0	os	OSACE94
40945	9ff1	os	OSACE95
40947	9ff3	os	OSACE97
40949	9ff5	os	OSACE99
40950	9ff6	os	OSACE100
40951	9ff7	os	OSACE101
40952	9ff8	os	OSACE102
40953	9ff9	os	OSACE103
40954	9ffa	os	OSACE104
40955	9ffb	os	OSACE105
40956	9ffc	os	OSACE106
40957	9ffd	os	OSACE107
40958	9ffe	os	OSACE108
40959	9fff	os	OSACE109
40960	a000	os	OSACE110
40961	a001	os	OSACE111
40962	a002	os	OSACE112
40963	a003	os	OSACE113
40964	a004	os	OSACE114
40965	a005	os	OSACE115

40966	a006	os	OSACE116
40967	a007	os	OSACE117
40968	a008	os	OSACE118
40969	a009	os	OSACE119
40970	a00a	os	OSACE120
40971	a00b	os	OSACE121
40972	a00c	os	OSACE122
40973	a00d	os	OSACE123
40974	a00e	os	OSACE124
40975	a00f	os	OSACE125
40976	a010	os	OSACE126
40977	a011	os	OSACE127
40978	a012	os	OSACE128
40979	a013	os	OSACE129
40980	a014	os	OSACE130
40981	a015	os	OSACE131
40982	a016	os	OSACE132
40983	a017	os	OSACE133
40984	a018	os	OSACE134
40985	a019	os	OSACE135
40986	a01a	os	OSACE136
40992	a020	os	OSACE142
40993	a021	os	OSACE143
40994	a022	os	OSACE144
40995	a023	os	OSACE145
40996	a024	os	OSACE146
40997	a025	os	OSACE147
40998	a026	os	OSACE148
40999	a027	os	OSACE149
41000	a028	os	OSACE150
41002	a02a	os	OSACE152
41003	a02b	os	OSACE153
41004	a02c	os	OSACE154
41005	a02d	os	OSACE155
41006	a02e	os	OSACE156
41007	a02f	os	OSACE157
41008	a030	os	OSACE158
41009	a031	os	OSACE159
41010	a032	os	OSACE160
41011	a033	os	OSACE161
41012	a034	os	OSACE162
41013	a035	os	OSACE163
41014	a036	os	OSACE164
41015	a037	os	OSACE165
41016	a038	os	OSACE166
41038	a04e	os	OSACE188
41039	a04f	os	OSACE189
41040	a050	os	OSACE190
41041	a051	os	OSACE191
41042	a052	os	OSACE192
41043	a053	os	OSACE193
41044	a054	os	OSACE194
41045	a055	os	OSACE195
41047	a057	os	OSACE197
41048	a058	os	OSACE198
41049	a059	os	OSACE199
41050	a05a	os	OSACE200
41051	a05b	os	OSACE201
41053	a05d	os	OSACE203
41055	a05f	os	OSACE205
41950	a3de	psi	DTBADEV
41951	a3df	psi	DTBADOS
41952	a3e0	psi	DTBADTIMER
41953	a3e1	psi	DTBADTM
41954	a3e2	psi	DTETEFail
41955	a3e3	psi	DTREASERR
41956	a3e4	psi	DTOSSEND
41957	a3e5	psi	DTSM2PIFAIL
41958	a3e6	psi	INBDCKNM
41959	a3e7	psi	INCCSWFAIL
41960	a3e8	psi	INDAHLSC
41961	a3e9	psi	INNRETGEN

41962	a3ea	psi	INPU_ERROR
41963	a3eb	psi	INUNITERR
41964	a3ec	psi	SIBADGRWREQ
41965	a3ed	psi	SIBADODRID
41966	a3ee	psi	SIMGTPBADREA
41967	a3ef	psi	SIMGTPINVMSG
41968	a3f0	psi	SIMGTPTIMEOUT
41969	a3f1	psi	SIOALLOCRTN
41970	a3f2	psi	SIOLAOOR
41971	a3f3	psi	SIOLEOOR
41972	a3f4	psi	SIOLPHOOR
41973	a3f5	psi	SIOPHBO
41974	a3f6	psi	SIOPHNLI
41975	a3f7	psi	SIOUTMPNL
41976	a3f8	psi	SIOM1
41977	a3f9	psi	SIOM2
41978	a3fa	psi	SIOM3
41979	a3fb	psi	SIOM4
41980	a3fc	psi	SIOM5
43150	a88e	ps	PSBADDRS
43151	a88f	ps	PSFFERR
43152	a890	ps	PSFFCLRD
43153	a891	ps	PSESTIM
43155	a893	ps	PSPIDSCRD
43156	a894	ps	PSPHDSCRD
43157	a895	ps	PSPRISTAT
43158	a896	ps	PSBADQPUPEVNT
43159	a897	ps	PSCFBADMSG
43160	a898	ps	PSMDBADAP
43161	a899	ps	PSMSGBAD
43162	a89a	ps	PSINERPS
43163	a89b	ps	PSPSPB
43164	a89c	ps	PSPPKB
43165	a89d	ps	PSSESPB
43166	a89e	ps	PSDPKB
43167	a89f	ps	PSEPKB
43168	a8a0	ps	PSBADL3PARM
43169	a8a1	ps	PSDPB_DALB
43170	a8a2	ps	PSL3DEFAULT
43171	a8a3	ps	PSL3BADTEI
43172	a8a4	ps	PSBADPKT
43173	a8a5	ps	PSNOAPPL
43174	a8a6	ps	PSBADOMSG
43175	a8a7	ps	PSPDALB
43176	a8a8	ps	PSUNXMSG
43177	a8a9	ps	PSNOTMMSG
43178	a8aa	ps	PSNOTMR
43179	a8ab	ps	PSBADSTIM
43180	a8ac	ps	PSNODPORT
43181	a8ad	ps	PSTMJBFL
43182	a8ae	ps	PSNOL3PLE
43183	a8af	ps	PSSENDASRT
43184	a8b0	ps	PSRETASRT
43185	a8b1	ps	PSBADPTYPE
43186	a8b2	ps	PSBADIETYPE
43187	a8b3	ps	PSQMSG2LONG
43188	a8b4	ps	PSAPINBUF
43189	a8b5	ps	PSFISTCINV
43190	a8b6	ps	PSINVDATA
43191	a8b7	ps	PSOSSSEND
43192	a8b8	ps	PSPCBLA
43193	a8b9	ps	PSAPBUF
43194	a8ba	ps	PS_APLST
43195	a8bb	ps	PSAPSITE
43196	a8bc	ps	PSAPBMSG
43197	a8bd	ps	PSAPBFEAT
43198	a8be	ps	PSAPSPOSIG
43199	a8bf	ps	PSAPINDBHC
43200	a8c0	ps	PSAPINAPSPB
43201	a8c1	ps	PSNOAPCP
43202	a8c2	ps	PSAPINEPKB
43203	a8c3	ps	PSAPINRMB

43204	a8c4	ps	PSAPINSITE
43205	a8c5	ps	PSAPSPB
43206	a8c6	ps	PSAPRMB
43207	a8c7	ps	PSAPEPKB
43208	a8c8	ps	PSAPLOGCH
43209	a8c9	ps	PSAPCLOSE
43210	a8ca	ps	PSBADREASON
43211	a8cb	ps	PSAPTPDALB
43212	a8cc	ps	PSTPAPSPB
43213	a8cd	ps	PSAPDDREF
43214	a8ce	ps	PSBAD_MSG
43215	a8cf	ps	PSBADAPTP
43216	a8d0	ps	PSAPAUBUF
43217	a8d1	ps	PSAPPKT
43218	a8d2	ps	PSISPAJHDLR
43219	a8d3	ps	PSSSENDMSG
43220	a8d4	ps	PSAPNOTMR
43221	a8d5	ps	PSAPTRMBAD
43222	a8d6	ps	PSAPREQFC
43223	a8d7	ps	PSAPSLFAUD
43224	a8d8	ps	PSAPFSPL
43225	a8d9	ps	PSAPFCREQ
43226	a8da	ps	PSAPFORWD
43227	a8db	ps	PSAPBCAST
43228	a8dc	ps	PSNOBRCS
43229	a8dd	ps	PSAPAMFC
43230	a8de	ps	PSAPFC SPL
43231	a8df	ps	PSAPFRCV
43232	a8e0	ps	PSAPFCOMP
43233	a8e1	ps	PSAPFCBAD
43234	a8e2	ps	PSAPBADTIMER
43235	a8e3	ps	PSAPBODD
43236	a8e4	ps	PSDSPB
43237	a8e5	ps	PSAPDPB
43238	a8e6	ps	PSAP_RESET
43239	a8e7	ps	PSAPDALB
43240	a8e8	ps	PSBADAPHC
43241	a8e9	ps	PS_ELV_APLST
43242	a8ea	ps	PSDAFAILURE
43243	a8eb	ps	PSAPTPDPB
43244	a8ec	ps	PSBADHC
43245	a8ed	ps	PSBDNEW_LVL
43246	a8ee	ps	PSIFDPB
43247	a8ef	ps	PSIFSPB
43248	a8f0	ps	PSIFPKB
43249	a8f1	ps	PSIFDALB
43250	a8f2	ps	PSIFNOTMR
43251	a8f3	ps	PSIFREASON
43252	a8f4	ps	PSIFEDCHN
43253	a8f5	ps	PSIFGREASON
43254	a8f6	ps	PSIFGNOTMR
43255	a8f7	ps	PSIFGNODALB
43256	a8f8	ps	PSIFGTPMSG
43257	a8f9	ps	PSIFGTPEVENT
43258	a8fa	ps	PSIFGUSER
43259	a8fb	ps	PSIFFCP
43260	a8fc	ps	PSNORESET
43261	a8fd	ps	PSIFCLI
43262	a8fe	ps	PSIFDSLEQUIP
43263	a8ff	ps	PSSENDER
43266	a902	ps	PSIFBADQMSG
43267	a903	ps	PSIPTST
43268	a904	ps	PSIFBADTMR
43269	a905	ps	PSBADMDMSG
43270	a906	ps	PSIFBADHEADC
43271	a907	ps	PSIFTRANSID
43272	a908	ps	PSIFTKG
43273	a909	ps	PSIFID
43274	a90a	ps	PSPIDISCARD
43275	a90b	ps	PSPHIDISCARD
43276	a90c	ps	PSPKBINIT
43277	a90d	ps	PSSCCPBDMSG

43278	a90e	ps	PSSINDXI
43279	a90f	ps	PSSIXRDF
43280	a910	ps	PSSSTRDF
43281	a911	ps	PSBADTRGT
43282	a912	ps	PSDATABAD
43283	a913	ps	PSBADLLM
43286	a916	ps	PSAPAMBC
43289	a919	ps	PSODBMSGBAD
43290	a91a	ps	PS_DEFAULT
43294	a91e	ps	PSRTDPB
43295	a91f	ps	PSRTPICB
43296	a920	ps	PSUKNUSR
43298	a922	ps	PSLPT_PT
43299	a923	ps	PSCOMMFAIL
43300	a924	ps	PSOSREASON
43301	a925	ps	PSUNEXEVNT
43302	a926	ps	PSPARMBAD
43303	a927	ps	PSDEFAULT
43304	a928	ps	PSTCCPERR
43310	a92e	ps	PSAUAPDU
43311	a92f	ps	PSAUDPB
43312	a930	ps	PSAURTEILA
43314	a932	ps	PSERRPRT
43315	a933	ps	PSPRORNX
43316	a934	ps	PSPRTCARD
43317	a935	ps	PSNULPRT
43318	a936	ps	PSBAD_VALUE
43319	a937	ps	PSUNKNSHSHPKT
43328	a940	ps	PSFCPHDISCARD
43329	a941	ps	PSFCSDMISCARD
43331	a943	ps	PSTMSGEXC
43336	a948	ps	PSNOTMATCHED
43337	a949	ps	PSNOTLOADED
43338	a94a	ps	PSINVARG
43339	a94b	ps	PSRUGLPRM

28. 5E14 Numeric Index: 43340-43999

ERROR CODE	PRM CODE	RANGE	MNEMONIC
43373	a96d	ps	PSLPCASSERT
43374	a96e	ps	PSINETERR
43375	a96f	ps	PSHMACK
43376	a970	ps	PSMPCTABL
43377	a971	ps	PSCMTIOTO
43378	a972	ps	PSCMTIOUX
43379	a973	ps	PSCMTNRES
43380	a974	ps	PSCMTT
43381	a975	ps	PSCMTTSND
43382	a976	ps	PSCMTNOMSG
43383	a977	ps	PSCMTOSBAD
43384	a978	ps	PSCMTROSBAD
43385	a979	ps	PSCMTINVPST
43386	a97a	ps	PSTMHACCNOMATCH
43387	a97b	ps	PSNOSPID
43388	a97c	ps	PSNOODPSOP
43389	a97d	ps	PSNOPSX25LN
43390	a97e	ps	PSNODSLEQUIP
43391	a97f	ps	PSNOEQUIPDSL
43392	a980	ps	PSNOCNCHAN
43393	a981	ps	PSMSGERR
43394	a982	ps	PSHMERR
43395	a983	ps	PSDDFAIL
43396	a984	ps	PSBADDTRG
43397	a985	ps	PSCMTBADPATH
43450	a9ba	upump	SIBADCMD
43451	a9bb	upump	SIBADINDX
43452	a9bc	upump	SIBADSMADD
43453	a9bd	upump	SINOMATPMP
43454	a9be	upump	SINOFEPMP
43455	a9bf	upump	SIHSCNOMAT
43456	a9c0	upump	SIHSCNFEA

43458	a9c2	upump	SINOUIT
43459	a9c3	upump	SISMBADSTAT
43460	a9c4	upump	SICMDINTF
43461	a9c5	upump	SIUPPIOS
43462	a9c6	upump	SIBADIMG
43463	a9c7	upump	SIPIRNOMAT
43464	a9c8	upump	SIPIRNFEA
43465	a9c9	upump	SIBADCKT
43466	a9ca	upump	SIBADPT
43467	a9cb	upump	SISENDL
43468	a9cc	upump	SIESCPMP
43469	a9cd	upump	SICCFRST
43470	a9ce	upump	SICCBDRY
43471	a9cf	upump	SICCIMBX
43472	a9d0	upump	SICCFMBX
43473	a9d1	upump	SICCCSTAT
43474	a9d2	upump	SICCCACK
43475	a9d3	upump	SICCNCMP
43476	a9d4	upump	SICCHFL
43477	a9d5	upump	SICCKPCB
43478	a9d6	upump	SIPIBDRY
43479	a9d7	upump	SIPIHFL
43480	a9d8	upump	SIPIRSTF
43481	a9d9	upump	SIPHFRST
43482	a9da	upump	SIPHRDBF
43483	a9db	upump	SIPHBDRY
43484	a9dc	upump	SIPHFLG
43485	a9dd	upump	SIPHBUF
43486	a9de	upump	SIPHCDE
43487	a9df	upump	SIACKINTF
43488	a9e0	upump	SIBADPIDB
43489	a9e1	upump	SIBADPHTYPE
43490	a9e2	upump	SIPHDATAAMP
43491	a9e3	upump	SINOIMAGE
43492	a9e4	upump	SIHSCSTAT
43493	a9e5	upump	SIJMP2ERRLD
43494	a9e6	upump	SIJMP3ERRLD
43495	a9e7	upump	SIHSCERRLD
43496	a9e8	upump	SIINITERRLD
43497	a9e9	upump	SIPH3SETUP
43500	aa1e	sipp	INPSBADRET
43501	aa1f	sipp	INMGINVALID
43502	aa20	sipp	INPPTMOT
43503	aa21	sipp	OCDTWTERR
43504	aa22	sipp	OCDTRDERR
43505	aa23	sipp	INPPENDFRQ
43506	aa24	sipp	INPPPICOST
43507	aa25	sipp	INPPBDMMSG
43508	aa26	sipp	INPPMSGGLG
43509	aa27	sipp	INPPWAITER
43510	aa28	sipp	INPPMSTYPE
43511	aa29	sipp	INMGBADTYPE
43512	aa2a	sipp	INPPRETGEN
43513	aa2b	sipp	INPPBINSYN
43514	aa2c	sipp	INPPSYNFULL
43515	aa2d	sipp	INPPBCHKIN
43516	aa2e	sipp	INPPBDATA
43517	aa2f	sipp	INPPBUNBLK
43518	aa30	sipp	INPPBSNDRET
43519	aa31	sipp	SIBADTBL
43520	aa32	sipp	DTPBADOS
43521	aa33	sipp	DTPBADEV
43522	aa34	sipp	DTPBADTM
43523	aa35	sipp	OCPREASERR
43524	aa36	sipp	IMPASTSPP
43525	aa37	sipp	IMPASTLCN
43526	aa38	sipp	IMPWPINV
43527	aa39	sipp	IMPINJTHR
43528	aa3a	sipp	SITYRESET
43529	aa3b	sipp	SITYRERR
43530	aa3c	sipp	SITYBDEV
43531	aa3d	sipp	SITYBDMS

43582	aa3e	sipp	INPCPHSE
43583	aa3f	sipp	INPCPHMD
43584	aa40	sipp	INPCPHBC
43585	aa41	sipp	INPCPHCR
43586	aa42	sipp	INPCPHTT
43587	aa43	sipp	INPCPHMR
43588	aa44	sipp	INPCPHPR
43589	aa45	sipp	INPCPHPS
43590	aa46	sipp	OCBADREAS
43591	aa47	sipp	OCBADCHTP
43592	aa48	sipp	OCBADLLCB
43593	aa49	sipp	OCBADBUFP
43594	aa4a	sipp	OCOORLLCB
43595	aa4b	sipp	INMGBADPARAM
43596	aa4c	sipp	OCOORLVL
43597	aa4d	sipp	OCBADOS
43598	aa4e	sipp	SIHSCOVFLW
43599	aa4f	sipp	OCPISSND
43600	aa50	sipp	INIDSPSSNDMSG
43601	aa51	sipp	IMOSMCB
43602	aa52	sipp	IMOSPCB
43603	aa53	sipp	IMOSSCB
43604	aa54	sipp	IMOSTCB
43605	aa55	sipp	INPCPHIT
43606	aa56	sipp	INPCPHBS
43607	aa57	sipp	INPCPHIA
43608	aa58	sipp	INPCPHEP
43609	aa59	sipp	IMPHPURGAMA
43610	aa5a	sipp	OCBADID
43611	aa5b	sipp	SIBADRET
43612	aa5c	sipp	DTPI2SMFAIL
43613	aa5d	sipp	IMASTIMG
43614	aa5e	sipp	OCBADCNT
43615	aa5f	sipp	IMPRPIAST
43616	aa60	sipp	IMPSPAST
43617	aa61	sipp	IMRSCRCVY
43618	aa62	sipp	INDFTYPE
43619	aa63	sipp	IMAPCDSP
43620	aa64	sipp	INPSINIT
43621	aa65	sipp	INAUDTEST
43750	aae6	psph	PSTIMFLR
43751	aae7	psph	PSSPYERR
43752	aae8	psph	PSBADTFDL
43753	aae9	psph	PSBADRFDL
43754	aaea	psph	PSBADRSTAT
43755	aaeb	psph	PSBADMODE
43756	aaec	psph	PSADCL2E
43757	aaed	psph	PSAWMSGR
43758	aaee	psph	PSAMSGLG
43759	aaef	psph	PSAMSGTP
43760	aaf0	psph	PSAMSGRT
43761	aaf1	psph	PSATMRTN
43762	aaf2	psph	PSABDCHN
43763	aaf3	psph	PSALTUNK
43764	aaf4	psph	PSALLCBT
43765	aaf5	psph	PSALKCNR
43766	aaf6	psph	PSAFRSBD
43767	aaf7	psph	PSALIOOR
43768	aaf8	psph	PSINVPARM
43769	aaf9	psph	PSNOLLCB
43770	aafa	psph	PSLNKLLCB
43771	aafb	psph	PSENOL3T
43772	aafc	psph	PSBIXLLCB
43773	aafd	psph	PSUNEXLLCB
43774	aafe	psph	PSIQBADIFD
43775	aaff	psph	PSMDRDERR
43776	ab00	psph	PSMDLPHERR
43777	ab01	psph	PSCCSL2E
43778	ab02	psph	PSCWMSGR
43779	ab03	psph	PSCMSGLG
43780	ab04	psph	PSCMSGR
43781	ab05	psph	PSCMSGTYP

43782	ab06	psph	PSCL2REQ
43783	ab07	psph	PSCL2IACRT
43784	ab08	psph	PSCL2STATE
43785	ab09	psph	PSCTMRTN
43786	ab0a	psph	PSCPHTYPE
43787	ab0b	psph	PSCDSLRLATE
43788	ab0c	psph	PSCXMITRT
43789	ab0d	psph	PSCLSSUSI
43790	ab0e	psph	PSCMSGRT
43791	ab0f	psph	PSCTCNGST
43792	ab10	psph	PSCRCNGST
43793	ab11	psph	PSCBSNERST
43794	ab12	psph	PSCFIBERST
43795	ab13	psph	PSCSPYRET
43796	ab14	psph	PSCBOVR
43797	ab15	psph	PSCRTBCNT
43798	ab16	psph	PSLANFAIL
43799	ab17	psph	PSCEMSUTYPE
43800	ab18	psph	PSCEMSUUP
43801	ab19	psph	PSCUNRET
43802	ab1a	psph	PSCNOLD SH
43803	ab1b	psph	PSCLSBAD
43804	ab1c	psph	PSCNOSLCPH
43805	ab1d	psph	PSCBADMET
43806	ab1e	psph	PSCDYBUFF
43807	ab1f	psph	PSCBADCT
43808	ab20	psph	PSCMSULGTH
43809	ab21	psph	PSCUPDPC2LS
43810	ab22	psph	PSCNOPH2LS
43811	ab23	psph	PSCUPTYPBAD
43812	ab24	psph	PSCSMHUNRET
43813	ab25	psph	PSCLS2SLC
43814	ab26	psph	PSCNOAPD2PH
43815	ab27	psph	PSCLSMBBAD
43816	ab28	psph	PSCSZOMBAD
43817	ab29	psph	PSCSPREAS
43818	ab2a	psph	PSCINITST
43819	ab2b	psph	PSCUNMSG
43820	ab2c	psph	PSCUNGTYPE
43821	ab2d	psph	PSCLATEINIT
43822	ab2e	psph	PSCLATECOMP
43823	ab2f	psph	PSCSEQCHK
43824	ab30	psph	PSCUNUPD
43825	ab31	psph	PSCLTADDBAD
43826	ab32	psph	PSCLTMOBAD
43827	ab33	psph	PSCBADUPACT
43828	ab34	psph	PSCUPSLC2PH
43829	ab35	psph	PSCREFDYDATA
43830	ab36	psph	PSCUNWAIT
43831	ab37	psph	PSCBADCALL
43832	ab38	psph	PSCSNMBAD
43833	ab39	psph	PSCOPCTRBAD
43834	ab3a	psph	PSCNOOPCUNT
43835	ab3b	psph	PSCOPCUNTBAD
43836	ab3c	psph	PSIPD001
43837	ab3d	psph	PSIPD002
43838	ab3e	psph	PSIPD003
43839	ab3f	psph	PSIPD004
43840	ab40	psph	PSIPD005
43841	ab41	psph	PSIPV001
43842	ab42	psph	PSIPV002
43843	ab43	psph	PSIPV003
43844	ab44	psph	PSIPV004
43845	ab45	psph	PSIPV005
43846	ab46	psph	PSCPURG
43847	ab47	psph	PSB_ACTION
43848	ab48	psph	PSB_CHAN
43849	ab49	psph	PSB_ERROR
43850	ab4a	psph	PSB_GENFRM
43851	ab4b	psph	PSB_IFD
43852	ab4c	psph	PSB_MSG
43853	ab4d	psph	PSB_PHCTYPE

43854	ab4e	psph	PSB_PTCHECK
43855	ab4f	psph	PSB_REJEVENT
43856	ab50	psph	PSB_STATE
43857	ab51	psph	PSB_TIMER
43858	ab52	psph	PSX_ACTION
43859	ab53	psph	PSX_QDNULL
43860	ab54	psph	PSX_NOHUNT
43861	ab55	psph	PSX_RPT2BK
43862	ab56	psph	PSX_USERD
43863	ab57	psph	PSX_ALTIM
43864	ab58	psph	PSX_PT2BK
43865	ab59	psph	PSX_LSTATE
43866	ab5a	psph	PSX_ARETIM
43867	ab5b	psph	PSX_MSGER
43868	ab5c	psph	PSX_ATEST
43869	ab5d	psph	PSX_LCTIM
43870	ab5e	psph	PSPHDABAD
43871	ab5f	psph	PS_LL2AL
43872	ab60	psph	PSX_INMSG
43873	ab61	psph	PSZATALCBERR
43874	ab62	psph	PSZDTMSGERR
43875	ab63	psph	PSZBLALCBERR
43876	ab64	psph	PSZBLMSGERR
43881	ab69	psph	PSCL6BADSPY
43882	ab6a	psph	PSBADIPH
43883	ab6b	psph	PSBADALK
43884	ab6c	psph	PSBADAHD
43885	ab6d	psph	PSBADCLK
43886	ab6e	psph	PSBADCHD
43887	ab6f	psph	PSUNXPROC
43888	ab70	psph	PSTOINJ
43889	ab71	psph	PSX_PVCERR
43890	ab72	psph	PSL2PTCHECK
43891	ab73	psph	PSL2PROTOTYPE
43892	ab74	psph	PSL2CHANTYPE
43893	ab75	psph	PSL2NOLLCB
43894	ab76	psph	PSL2PARMINV
43895	ab77	psph	PSL2BADLNK
43896	ab78	psph	PSL2UNEXLNK
43897	ab79	psph	PSPHAXER
43898	ab7a	psph	PSPHESER
43900	ab7c	psph	PST3L3CHK
43901	ab7d	psph	PST3L2CHK
43903	ab7f	psph	PST3EXLL
43905	ab81	psph	PST3LOTIME
43906	ab82	psph	PST3TTYPEBAD
43907	ab83	psph	PST3CTYPEBAD
43908	ab84	psph	PST3PARMBAD
43909	ab85	psph	PST3DELAYBAD
43910	ab86	psph	PST3TRUNBAD
43911	ab87	psph	PST3TAGBAD
43912	ab88	psph	PSX_PTYP
43913	ab89	psph	PSX_INVACT
43914	ab8a	psph	PSLANDPX
43915	ab8b	psph	PSEBADCBI
43916	ab8c	psph	PSEBADPH
43917	ab8d	psph	PSEBADSM
43918	ab8e	psph	PSEBADRET
43919	ab8f	psph	PSEBADLCCB
43920	ab90	psph	PSELINKAGE
43921	ab91	psph	PSEBADMSGID
43922	ab92	psph	PSKBADPTRS
43923	ab93	psph	PSKSNDEERR
43924	ab94	psph	PSKINVSGSZ
43925	ab95	psph	PSKINV POLL
43926	ab96	psph	PSKINVRATE
43927	ab97	psph	PSKINVRCD
43928	ab98	psph	PSKINVRSN
43929	ab99	psph	PSKBADMSG
43930	ab9a	psph	PSWINVMSG
43931	ab9b	psph	PSWINV DATA
43932	ab9c	psph	PSWINV PARA

43933	ab9d	psph	PSWOSWAIT
43934	ab9e	psph	PSWBDRSN
43935	ab9f	psph	PSOCBADRET
43936	aba0	psph	PSRESREC
43939	aba3	psph	PSSCBDYN
43940	aba4	psph	PSSCBUPD
43941	aba5	psph	PSSCBUDT
43942	aba6	psph	PSSCBDTB
43943	aba7	psph	PSSCBDRT
43944	aba8	psph	PSSCBDCV
43945	aba9	psph	PSSCBDMG
43946	abaa	psph	PSCL6LKR
43947	abab	psph	PSCL6INVNUM
43948	abac	psph	PSCL6SYNT
43949	abad	psph	PSC6PNDMAX
43950	abae	psph	PSCL6STATE
43951	abaf	psph	PSCL6NOTQSP
43952	abb0	psph	PSCL6NOXQSP
43953	abb1	psph	PS6NOTIMR
43954	abb2	psph	PSCL6EVENT
43955	abb3	psph	PSECNSC
43956	abb4	psph	PSECBDRT
43957	abb5	psph	PSECSM
43958	abb6	psph	PSECMXBUF
43959	abb7	psph	PSLLSSMERR
43960	abb8	psph	PSALSBERR
43961	abb9	psph	PSLSBERR
43962	abba	psph	PSNAPHLS
43963	abbb	psph	PSNAURET
43964	abbc	psph	PSNASMHRET
43965	abbd	psph	PSNADYBUFF
43966	abbe	psph	PSNABADCALL
43967	abbf	psph	PSNANOLDSE
43968	abc0	psph	PSNANODPC
43969	abc1	psph	PSNANOSTPH
43970	abc2	psph	PSNANOAPD2PH
43971	abc3	psph	PSNALS2SLC
43972	abc4	psph	PSNASPREAS
43973	abc5	psph	PSNANMBAD
43974	abc6	psph	PSNAECBAD
43975	abc7	psph	PSNASCBAD
43976	abc8	psph	PSBADCHON
43987	abd3	psph	PSSCUSN
43988	abd4	psph	PSSCUDPC
43991	abd7	psph	PSRIPKT_BP
43992	abd8	psph	PSBADRET
43993	abd9	psph	PSBDCHAN
43995	abdb	psph	PSALDBIX

29. 5E14 Numeric Index: 44000-49999

ERROR CODE	PRM CODE	RANGE	MNEMONIC
44002	abe2	psph	PSG_LSTATE
44003	abe3	psph	PSG_TIMINV
44004	abe4	psph	PSG_DATACHG
44005	abe5	psph	PSG_CAMPON
44008	abe8	psph	PST3XTMR
44011	abeb	psph	PSPKTBND
44012	abec	psph	PSALDBHD
44013	abed	psph	PSX_PMD
44014	abee	psph	PSSGRFDBAD
44015	abef	psph	PSSGTFDBAD
44016	abf0	psph	PSB_ACTTYPE
44017	abf1	psph	PSCSPYRSC
44019	abf3	psph	PSSGITOUT
44020	abf4	psph	PSSGATOUT
44023	abf7	psph	PSRBADVC
44024	abf8	psph	PST3RUNA
44025	abf9	psph	PST3RUNL
44026	abfa	psph	PSDAPBDERR
44032	ac00	psph	PSINVIPHDR

44033	ac01	psph	PSUNTMRTG
44034	ac02	psph	PSCERRSDLDATA
44036	ac04	psph	PSCTMRINT
44037	ac05	psph	PSNAUNMSG
44038	ac06	psph	PSNAERWAIT
44039	ac07	psph	PSSCPBADATA
44053	ac15	psph	PSWBINVMSG
44054	ac16	psph	PSWBINVLEN
44055	ac17	psph	PSWBINVVCXN
44060	ac1c	psph	PSBADVALUE
44062	ac1e	psph	PSUNKNHSHPKT
44066	ac22	psph	PSINV_MSG
44068	ac24	psph	PSBADSUBSYS
44069	ac25	psph	PSBADNPRIM
44070	ac26	psph	PSBADCOIMS
44071	ac27	psph	PSRUNTGUARD
44072	ac28	psph	PSBADCOCXN
44073	ac29	psph	PSBKSTBL
44076	ac2c	psph	PS1SBADTIMER
44077	ac2d	psph	PS10SBADTIMER
44079	ac2f	psph	PSSCPBDMMSG
44081	ac31	psph	PSCPCLENBAD
44082	ac32	psph	PSVMRNG
44083	ac33	psph	PSCONGTYPE
44084	ac34	psph	PSNETINV
44085	ac35	psph	PSENDPTINV
44086	ac36	psph	PSMDBADPARM
44087	ac37	psph	PSBADCL2RQT
44088	ac38	psph	PSQBADMMSG
44089	ac39	psph	PSQPH1
44090	ac3a	psph	PSQBADSTIM
44091	ac3b	psph	PSISQPH
44092	ac3c	psph	PSBADERR
44093	ac3d	psph	PSSGFAIL
44094	ac3e	psph	PSLPBK
44095	ac3f	psph	PSINVQLNT
44096	ac40	psph	PSINVLLCBIDX
44097	ac41	psph	PSLLCBLKERR
44098	ac42	psph	PSQBADRAM
44099	ac43	psph	PSQUNKENDPT
44100	ac44	psph	PSQBADBCAST
44101	ac45	psph	PSQUEUEFULL
44102	ac46	psph	PSQLV2RESTRT
44103	ac47	psph	PSQINVDERR
44104	ac48	psph	PSQLML2BLK
44105	ac49	psph	PSQLMOOSL1
44107	ac4b	psph	PSBADMEM
44108	ac4c	psph	PSINVRATE
44109	ac4d	psph	PSDCDBERR
44110	ac4e	psph	PSPPDBERR
44111	ac4f	psph	PSUNXPPFRM
44112	ac50	psph	PST3TMRERR
44113	ac51	psph	PSINVPVMT
44114	ac52	psph	PSSGCHFAIL
44115	ac53	psph	PVQUEFULL
44116	ac54	psph	PVINVVFSM
44117	ac55	psph	PVENVFAIL
44118	ac56	psph	PVINVINPUT
44119	ac57	psph	PVUNXTMREXP
44120	ac58	psph	PVINVOUTPUT
44121	ac59	psph	PVINVEVENT
44122	ac5a	psph	PVINVTMRTP
44123	ac5b	psph	PVTMRFAIL
44124	ac5c	psph	PVVFSMFAIL
44125	ac5d	psph	PVUNEXDATA
44129	ac61	psph	PSTCCOPER
44130	ac62	psph	PSTCMSEXC
44131	ac63	psph	PVCSENTRY
44132	ac64	psph	PSNA7STUB
44134	ac66	psph	PVERRVOC
44138	ac6a	psph	PSTCUSSN
44139	ac6b	psph	PSTCINDBAD

44145	ac71	psph	PSPSUPATH
44146	ac72	psph	PVADTERR
44147	ac73	psph	PSLLCBINVIDX
44155	ac7b	psph	PS1ACTVCBAD
44156	ac7c	psph	PS2ACTVCBAD
44157	ac7d	psph	PS3ACTVCBAD
44158	ac7e	psph	PS4ACTVCBAD
44159	ac7f	psph	PSALCBINVIDX
44160	ac80	psph	PSBADLNK
44161	ac81	psph	PSBADPRM
44162	ac82	psph	PSBDLKRTDB
44163	ac83	psph	PSINCON
44164	ac84	psph	PSINVFAR_DATA
44165	ac85	psph	PSINVIPT_DATA
44166	ac86	psph	PSINV_FUNC
44167	ac87	psph	PSLCCBINVIDX
44168	ac88	psph	PSLCQBAD
44169	ac89	psph	PSLNKRTDB
44170	ac8a	psph	PSNOALDB
44171	ac8b	psph	PSNOT3XX
44172	ac8c	psph	PSPH2A_INV
44173	ac8d	psph	PSRTDBHD
44174	ac8e	psph	PST3XXLLCB
44175	ac8f	psph	PSXRCVBADTPC
44176	ac90	psph	PSXRQTYPE
44177	ac91	psph	PSXSNDBADTPC
44178	ac92	psph	PSX_BADTDOWN
44179	ac93	psph	PSX_INVUD
44180	ac94	psph	PSX_R1BDATA
44181	ac95	psph	PSX_RSTBAD
44182	ac96	psph	PSX_UDINV
44183	ac97	psph	PSIPHDRINV
44184	ac98	psph	PST3XXALCB
44190	ac9e	psph	PSCMTHOPCNT
44191	ac9f	psph	PSINETERR
44192	aca0	psph	PSCMTOCSTAT_BAD
44193	aca1	psph	PSBADLCCB
44194	aca2	psph	PSBCALILK
44195	aca3	psph	PSBCALIH
44196	aca4	psph	PSBLAESLK
44197	aca5	psph	PSBLAESHD
44198	aca6	psph	PSINVCALI
44199	aca7	psph	PSINVPKT
44200	aca8	psph	PSQPHLNKL3INV
44201	aca9	psph	PSICHANTYPE
44350	ad3e	pspi	PSPBDLST
44351	ad3f	pspi	PSPBLKSZ
44352	ad40	pspi	PSFTOFFBAD
44353	ad41	pspi	PSFROFFBAD
44354	ad42	pspi	PSFLAGBAD
44355	ad43	pspi	PSFCNTBAD
44356	ad44	pspi	PSF2MNYPKTS
44357	ad45	pspi	PSFTOOBIG
44358	ad46	pspi	PSLCBLBAD
44359	ad47	pspi	PSLONGCBL
44360	ad48	pspi	PSBADFFU
44361	ad49	pspi	PSFLASTLOOK
44450	ada2	pspp	PSBDCH2L
44451	ada3	pspp	PSBADSTATE
44452	ada4	pspp	PSLLCBPTR
44453	ada5	pspp	PSTIMCRPT
44454	ada6	pspp	PSCPERR
44455	ada7	pspp	PSLANCRPT
44456	ada8	pspp	PSINTJOS
44457	ada9	pspp	PSPKTERR
44458	adaa	pspp	PSSWABMSG
44459	adab	pspp	PSSWCPY
44460	adac	pspp	PSLRFDBAD
44461	adad	pspp	PSLNOTXCMD
44462	adae	pspp	PSTINPUT
44463	adaf	pspp	PSBADARG
44464	adb0	pspp	PSNOGPBD

44465	adb1	pspp	PSUNEXOFF
44466	adb2	pspp	PSNOIFD
44467	adb3	pspp	PSBADIFD
44468	adb4	pspp	PSLNKIFD
44469	adb5	pspp	PSOWNIFD
44470	adb6	pspp	PSBIXIFD
44471	adb7	pspp	PSUNEXIFD
44472	adb8	pspp	PSUNEXRC
44473	adb9	pspp	PSBADHDC
44474	adba	pspp	PSIFDOOR
44475	adbb	pspp	PSINVCOMB
44476	adbc	pspp	PSINVSEQ
44477	adbd	pspp	PSP8TTYTYPE
44478	adbe	pspp	PSTRANFRM
44479	adbf	pspp	PSIFDLNK
44480	adc0	pspp	PSBADBDU
44481	adc1	pspp	PSBDGONE
44482	adc2	pspp	PSTEXLLCB
44483	adc3	pspp	PSL2HCLLCB
44484	adc4	pspp	PSBADACTPB
44485	adc5	pspp	PSLANRBDSTART
44486	adc6	pspp	PSLTFDBAD
44487	adc7	pspp	PSLINVPARM
44488	adc8	pspp	PSLTIMEOUT
44489	adc9	pspp	PSBDCASLOOP
44490	adca	pspp	PSLPIBAD
44491	adcb	pspp	PSTBADOWNER
44492	adcc	pspp	PSTBADHDC
44493	adcd	pspp	PSTBADTE
44494	adce	pspp	PSATMHWFAIL
44495	adcf	pspp	PSBADVPI
44496	add0	pspp	PSBADPBCB
44498	add2	pspp	PSPBTIMRUN
44499	add3	pspp	PSUTIMRUN
44500	add4	pspp	PSINVTIDX
44501	add5	pspp	PSINVIDX
44502	add6	pspp	PSLANLNGFRM
44503	add7	pspp	PSLPCASSERT
44550	ae06	smpp	PPREPORT
44551	ae07	smpp	PPCICTR1
44552	ae08	smpp	PPCICTR2
44553	ae09	smpp	PPCIINT
44554	ae0a	smpp	PPBADTHRESH
44555	ae0b	smpp	PPBADERR
44556	ae0c	smpp	PPBADINTINFO
44557	ae0d	smpp	PPBADMSG
44558	ae0e	smpp	PPCHANBIG
44559	ae0f	smpp	PPCHIPBIG
44560	ae10	smpp	PPBADPH
44561	ae11	smpp	PPBADPI
44562	ae12	smpp	PPBADINIT
44563	ae13	smpp	PPMMUCRITERR
44564	ae14	smpp	SMSWBADACTION
44565	ae15	smpp	SMSWGACKF
44566	ae16	smpp	SMSWRETWSOS
44567	ae17	smpp	SMSWBMMUPTR
44568	ae18	smpp	SMSWBABORT
44569	ae19	smpp	SMSWBSITYPE
44570	ae1a	smpp	SMSWHPQMSG
44571	ae1b	smpp	PPISMBABBLE
44572	ae1c	smpp	SMSWCHSIZE
44573	ae1d	smpp	PPWPSKOV
44574	ae1e	smpp	PPWPSKUV
44575	ae1f	smpp	SMCRNULK
44576	ae20	smpp	PPWPUSER
44577	ae21	smpp	SMCRFORE
44578	ae22	smpp	SMCRLEVEL
44579	ae23	smpp	SMCRCOUNT
44580	ae24	smpp	SMCRNOBEG
44581	ae25	smpp	SMCRBEND
44582	ae26	smpp	PPCHGBAD
44583	ae27	smpp	PPLPIBAD

44584	ae28	smpp	SMMHCLE1
44585	ae29	smpp	SMMHCLE2
44586	ae2a	smpp	SMMHCLE3
44587	ae2b	smpp	SMMHCLE4
44588	ae2c	smpp	SMMHCLE5
44589	ae2d	smpp	SMMHAUINV
44590	ae2e	smpp	SMQLEPWPINV
44591	ae2f	smpp	SMQLEPNETINV
44592	ae30	smpp	SMQLMHMSGINV
44593	ae31	smpp	SMQLCMDINV
44594	ae32	smpp	SMQLERRTYPINV
44595	ae33	smpp	SMQGLDATA
44596	ae34	smpp	SMQGLSWINV
44597	ae35	smpp	SMQLEPNOTOSDS
44598	ae36	smpp	SMQGLSTINV
44599	ae37	smpp	SMQGLMSGINV
44600	ae38	smpp	SMQGLCMDINV
44601	ae39	smpp	SMQLUDINV
44602	ae3a	smpp	SMQGLSSINV
44603	ae3b	smpp	SMQLQFULL
44604	ae3c	smpp	SMQLBDACON
44605	ae3d	smpp	SMQLPROFILE
44606	ae3e	smpp	SMQLEGETPROF
44607	ae3f	smpp	SMQLERRPROF
44608	ae40	smpp	SMSIMS_SIDE
44609	ae41	smpp	SMEQGP_RID
44610	ae42	smpp	SMQLN2PB
44611	ae43	smpp	SMQLNETINV
44612	ae44	smpp	SMQPSTINV
44613	ae45	smpp	SMQPEQINV
44614	ae46	smpp	SMQLPBKINV
44615	ae47	smpp	SMQLMQPSINV
44616	ae48	smpp	PPVASYNINTER
44617	ae49	smpp	PPMASKTIMREQF
44618	ae4a	smpp	SMBADPARAM
44619	ae4b	smpp	SMBADCONN
44620	ae4c	smpp	SMCONNMSGBAD
44621	ae4d	smpp	SMBADPSUCA
44622	ae4e	smpp	PPPACMINIT
44623	ae4f	smpp	PPBADOSEVENT
44624	ae50	smpp	PPACUNXMSG
44625	ae51	smpp	PPACBADMACH
44626	ae52	smpp	PPIMQFULL
44627	ae53	smpp	PPACVFSM
44628	ae54	smpp	PPACUNXINPUT
44629	ae55	smpp	PPACINAME
44630	ae56	smpp	PP2NDPROV
44631	ae57	smpp	PPACUNXEVT
44632	ae58	smpp	PPMETAGINUSE
44633	ae59	smpp	PPBADTTYPE
44634	ae5a	smpp	PPNOGETTIMER
44635	ae5b	smpp	PPACFSMFAIL
44636	ae5c	smpp	PPNOSTOP
44637	ae5d	smpp	PPBADTMSTATIC
44638	ae5e	smpp	PPBADMETAG
44639	ae5f	smpp	PPXMQNOTEMPTY
44640	ae60	smpp	PPIMQNOTEMPTY
44641	ae61	smpp	PPINPSZOOB
44642	ae62	smpp	PPBADENUM
44643	ae63	smpp	PPIMQINFLOOP
44644	ae64	smpp	PPXMQFULL
44645	ae65	smpp	PPBADINUSE
44646	ae66	smpp	SMUNEXHWSTATE
44647	ae67	smpp	PPASNSTP
44648	ae68	smpp	SMBAD_UNIT
44649	ae69	smpp	SMELMHINVMMSG
44650	ae6a	smpp	SMELMHINVCMO
44651	ae6b	smpp	SMELMHINVMDATA
44652	ae6c	smpp	SMELINVPTCNT
44653	ae6d	smpp	SMELMHINVEVENT
44654	ae6e	smpp	SMELMHINVELNK
44655	ae6f	smpp	SMELDATAACRPT

44656	ae70	smpp	SMELPSTINVDATA
44657	ae71	smpp	PPPHZINVEVENT
44658	ae72	smpp	PPPHZUNKSTATE
44659	ae73	smpp	PPPHZUNWAKEUP
44660	ae74	smpp	PPPHZUNOPENLPC
44661	ae75	smpp	PPPHZUNKEVENT
44662	ae76	smpp	PPPHZTIMEOUT
44663	ae77	smpp	PPPHZINEVENT
44664	ae78	smpp	PPPHZMISSEQ
44665	ae79	smpp	PPPHZUNCLOSE
44666	ae7a	smpp	PPPHZUNEXPLPC
44667	ae7b	smpp	PPPHZMISBITS
44668	ae7c	smpp	PPPHZEVEHANDLE
44700	ae9c	pmppp	INMPHBT
44701	ae9d	pmppp	INMPHRS
44702	ae9e	pmppp	INMPHSM
44703	ae9f	pmppp	INMPHPU
44704	aea0	pmppp	INMPHPT
44705	aea1	pmppp	INMPHCR
44706	aea2	pmppp	INMPHIT
44707	aea3	pmppp	INMPHNM
44708	aea4	pmppp	INMPHIP
44709	aea5	pmppp	INMPHIA
44710	aea6	pmppp	INMPHIM
44711	aea7	pmppp	INMPHTP
44712	aea8	pmppp	INMPHBM
44713	aea9	pmppp	INMPHML
44714	aeaa	pmppp	INMPHSD
44715	aeab	pmppp	INMPHPI
44716	aeac	pmppp	INMPHIF
44717	aead	pmppp	INMPHNR
44718	aeae	pmppp	INMPHBF
44719	aeaf	pmppp	INMPHEF
44720	aeb0	pmppp	INMPHNB
44721	aeb1	pmppp	INMPHLE
44722	aeb2	pmppp	INMPHNA
44723	aeb3	pmppp	INMPHTO
44724	aeb4	pmppp	INMPHSC
44725	aeb5	pmppp	INMPHER
44726	aeb6	pmppp	INMPHTB
49999	c34f	unk	OUT_OF_RANGE
49999	c34f	unkpp	OUT_OF_RANGE

ACRONYMS**AATA**

Autoplex Automatic Task Administrator

AATOS

Alternate Access to Operator Services

ACA

Automatic Circuit Assurance

ACB

Automatic Call Back

ACBC

Automatic Call Back Calling

ACCED

Access Editor

ACCS

Automated Calling Card Service

ACCSDB

Automated Calling Card Service Data Block

ACCT

Account Code

ACD

Automatic Call Distribution

ACG

Automatic Call Gapping

ACK

Acknowledgement

ACOF

Attendant Control of Facilities

ACP

Action Point

ACQS

Automatic Charge Quotation Service

ACR

Auxiliary Call Record

ACSR

Automatic Customer Station Re-arrangement

ACT

Active (state)

ACT

Alternate Code Treatment

ACVT

Attendant-Controlled Voice Terminals

AD

Abbreviated Dialing

AD1

Abbreviated 1-Digit Dialing

AD2

Abbreviated 2-Digit Dialing

ADB

Analog Data Block

AFITP

ACD/BRCS Feature Integrity Terminal Process

AIM

Application Integrity Monitor

AIN

Advanced Intelligent Network

ALCB

Access Link Control Block

ALDB

Access Link Data Block

ALIT

Automatic Line Insulation Test

AM

Administrative Module

AMA

Automatic Message Accounting

AMARC

Automatic Message Accounting Recording Center

AMDW

Automatic Message Accounting Kernel Process

AML

Automatic Maintenance Limit

AMLB

Automated Multi-Leaf Bulletin

AMPS

Advanced Mobile Phone Service

ANI

Automatic Number Identification

ANIF

Automatic Number Identification Failure

ANNC

Announcement Channel Traffic

AOC

Announcement Only Channel

AP

Applications Processor

APB

Associated Process Block

APB

Attached Process Block

APCP

Application Processor Communication Package

APDL

Application Processor Data Link

APDPB

Application Processor D-channel Port Block

APDU

Application Protocol Data Unit

APID

Applications Processor ID

APSPB

Administrative Processor Supplementary Protocol Block

APT

Automatic Progression Testing

APTP

Application Processor Terminal Processor

AQ

Autoquote

AQTP

Autoquote Terminal Process

ARC

Alternate Route Cancellation

ARS

Automatic Route Selection

ARU

Audio/Audible Response Unit

AS

Administrative Services Subsystem

ASC

Alarm and Status Circuit

ASCII

American Standard Code for Information Interchange

ASI

Application Service Interface

ASP

Advanced Services Platform

AT

Access Tandem

ATAQUE

Trunk and Line Work Station Queue

ATIME

Absolute Time

ATP

Announcement Terminal Process

ATPDB

Announcement Terminal Process Data Block

AU

Audit Subsystem

AUTISS

Automatic Timeslot Switching

AUTOQ

Queue

AVMWI

Analog Visual Message Waiting Indicator

AVMWIR

Analog Visual Message Waiting Indicator Refreshing

AVT

Access Via Tandem

BACKOUT

Back Out of System

BCI

Blocked Call Indicator

BCID

Business Customer Identification

BCLID

Bulk Calling Line Identification

BD

Buffer Descriptor

BEDL

Basic Encode Decode Library

BFG

BRCS Feature Group

BFGID

BRCS Feature Group ID

BG

Background

BID

Broadcast ID

BIP

Base Initializing Protocol

BLF

Busy Lamp Field

BLG CODE

Billing Code

BLR

Blocking/unblocking Reception

BLV

Busy Line Verification

BN

Billing Number

BNS

Billed Number Screening

BOC

Bell Operating Company

BR

Batch Read

BRCS

Business and Residential Custom Services

BRCSDB

BRCS Data Block

BRI

Basic Rate Interface

BSS

Block Starting Symbol

BST

Basic Services Terminal

BST

Bitmap Salvage Technique

BWM

Broadcast Warning Message (currently called software update)

CAD

Configuration Administrator

CAD

Configuration Administration

CADN

Circuit Administration

CAMA

Centralized Automatic Message Accounting

CAMP

Camped On

CAMPON

Camped-on Units

CAR

Computer Access Restriction

CAR

Customer Assistance Request

CARRID

Inter-LATA Carrier Identification

CBDB

Call Build Up Data Block

CBHC

Concentrated Buffer Head Cell

CBL

Command Block List

CC

Country Code

CCATBL

Conference Circuit Access Table

CCB

Channel Control Block

CCBCOM

Channel Control Block Common Area

CCBCR

Channel Control Block Communication Region

CCD

Calling Card

CCIS

Common Channel Interoffice Signaling

CCIS6

CCIS System 6 (original version of CCIS)

CCITT

International Telegraph and Telephone Consultative Committee

CCITT7

CCITT Signaling System 7

CCMA

Common Channel Maintenance Administration

CCOT

Call Coordinator - Originating Treatment

CCS

Common Channel Signaling

CCS7

CCS System 7 (new version of CCITT7)

CD

Common Data

CDAL

Control and Diagnostic Access Link

CDB

Circuit Data Block

CDBCOM

Circuit Data Block Common Area

CDFI

Communication Link Digital Facility Interface

CDI

Code Destination Index

CDI

Code Index

CDP

Custom Dialing Plan

CDSP

Communication Module Processor Distribution System Process

CDX

Compact Digital Exchange

CF

Call Forwarding

CF

Control Fanout

CFAC

Cluster Facility

CFH

Call Failure Handling

CFPF

Call Forwarding over Private Facilities

CFR

Centralized Flexible Rating

CFT

On-Site Origination

CGA

Carrier Group Alarm

CH

Channel

CHDB

Channel Data Block

CI

Control Interface

CIC

Carrier Identification Code

CID

Call Identifier

CKTDATA

Circuit Data

CL

Customer Location

CL

Communication Link

CLCON

Communication Link Configuration

CLCT

Call Count

CLDB

Call Leg Data Block

CLDB

Call Link Data Block

CLFR

Communication Link Fault Recovery

CLID

Calling Line Identification

CLNK

Communication Link

CM

Communication Module

CMKP

Communications Kernel Process

CMON

Craft Interface Integrity Monitor

CMP

Communication Module Processor

CNAM

Calling Name

CND

Calling Name Delivery

CND

Calling Name Display

CND

Calling Number Delivery

CND

Calling Number Display

CNI

Common Network Interface

COFF

Common Object File Format

CONFIG

Configuration Control

CORC

Customer Originated Recent Change

CORCLOG

Customer Originated Recent Change Log

COS

Class of Service

COT

Customer Originated Trace

CP

Central Processor

CP

Call Processing

CP-REXS

Central Processor Routine Exercise Scheduler

CPDL

Call Processing Data Link

CPE

Customer Premise Equipment

CPI

Central Processor Intervention

CPID

Calling Party Identification

CPLR

Coupler Data Block

CPN

Calling Party Number

CPS

Country Pair Screening

CPU

Call Pickup

CQB

Circuit Queuing Block

CQDB

Call Queue Data Block

CRA

Call Record Assembler

CRM

Circuit Reservation Message

CSD

Circuit Switched Data

CSE

Carrier Selection Enforcement

CSR

Carrier Specific Routing

CSV

Circuit Switched Voice

CTS

Control Time Slot

CU

Channel Unit

CUG

Closed User Group

CV

Call Vectoring

CW

Call Waiting

DA

Digit Analysis

DA

Discontinued Availability

DA

Dynamic Access

DAA

Direct Agent Access

DADB

Digit Analysis Data Block

DALB

D-Channel Application Linkage Block

DAM

Dual Access Memory

DAP

DMERT Application Process

DAP

Display Administration Process

DAS

Directory Assistance System

DAS

Digit Analysis Selector

DAS/C

Directory Assistance System/Computer

DASC

Directory Assistance System Computer

DAYLOG

Log File

DB

Database Subsystem

DBM

Data Base Manager

DBRC

Database Recent Change

DCCB

D-Channel Control Block

DCDB

D-Channel Data Block

DCDB

Digit Collection Data Block

DCF

Defensive Check Failure

DCL2

D-Channel Layer 2

DCLU

Digital Carrier Line Unit

DCS

Digital Cellular Switch

DCTU

Directly Connected Test Unit

DD

Data Delivery

DDL

Derived Data Link

DFI

Digital Facility Interface

DGRD

Degraded

DICO

DLN Integrity Control

DID

Direct Inward Dialing

DIOR

Direct International Originations

DISPDB

Display Data Block

DLDSL

Data Link Digital Subscriber Line

DLI

Dual Link Interface

DLICON

Dual Link Interface Configuration

DLIT

Demand Line Insulation Testing

DLN

Direct Link Node

DMA

Direct Memory Access

DMAM

Deferred Maintenance Administrator and Monitor

DMERT

Duplex Multi-Environment Real Time

DMON

Diagnostic Monitor

DMQ

Deferred Maintenance Queue

DN

Directory Number

DNIC

Data Network Identification Code

DOC

Dynamic Overload Control

DP

Data Preserving

DPB

D-channel Port Block

DPIDB

Directly Connected Peripheral Interface Data Bus

DPLL

Digital Phase Lock Loop

DPN

Distribute Point Number

DRHR

Division of Revenue Hourly

DS

Digital Signal

DS1

Digital Signal Level 1 (T1)

DSA

Direct Signaling Application

DSC

Dedicated Switch Connection

DSCC

Digital Service Common Control

DSCCOM

Digital Service Circuit Common

DSL

Digital Subscriber Line

DSM

Direct Signaling Message

DSN

Defense Switch Network

DSS

Direct Station Selection

DSS

Display Station Set

DST

Daylight Savings Time

DSU

Digital Service Unit

DSU2

Digital Service Unit Model 2

DT

Data Transport

DTA

Dial Through Announcement

DTE

Data Terminating Equipment

DTG

Direct Trunk Group

DTMF

Dual Tone Multifrequency

DTP

Directory Assistance System/Computer Terminal Process

EA

Equal Access

EADAS

Engineering and Administrative Data Acquisition System

EADAS/NM

Engineering and Administrative Data Acquisition System for
Network Management

EAEO

Equal Access End Office

EAI

Emergency Action Interface

EAMF

Equal Access Multi-Frequency

EAS

Equal Access Signaling

EBAF

Extended Bellcore AMA Format

ECD

Equipment Configuration Database

ECP

Executive Cellular Process

EDBMH

External Data Base Message Handler

EDLCP

External Data Link Communication Package

EDS

Electronic Directory Service

EDSL

Extended Digital Subscriber Line

EIS

External Information System

EO

End Office

EOC

Embedded Operations Channel

EPSCS

Enhanced Private Switched Communication Service

ESN

Electronic Switching Network

ESN

Emergency Service Number

ESP

Essential Service Protection

ETN

Electronic Tandem Network

ETS

Electronic Tandem Switch

EXRR

Extended Reroute

FACSLC[®] 96 T1 Facility**FAC**

Switching Module Facility

FAP

Feature Activation Point

FAR

Failure Adaptive Routing

FAT

Feature Activation Table

FBO

First Block Offset

FC

Feature Control

FCD

Feature Code Dialing

FCOS

Feature Class of Service

FDB

Feature Data Block

FEX

Feature Execution

FG

Foreground (Peripheral Control)

FGB

Feature Group B

FGD

Feature Group D

FID

Feature Identifier

FIDB

Facilities Interface Data Bus

FIFO

First-In, First-Out

FIP

Fully Initializing Protocol

FPC

Foundation Peripheral Controller

FPCCON

Foundation Peripheral Controller Configuration

FPCH

Foundation Peripheral Controller Handler

FPFH

Fast Pump Facility Handler

FPI

Full Process Initialization

FPO

First Primary Offset

FPUMP

Fast Pump

FRL

Facility Restriction Level

FSK

Frequency Shift Key

FSM

Finite State Machine

FTP

Feature Terminal Process

FTS

Federal Telephone System

FWDTODN

Forward-To Directory Number

GAC

Group Alerting Circuit

GDA

Global Data Area

GDX

Gated Diode Crosspoint

GDXC

Gated Diode Crosspoint Compensator

GK

Generated Key

GKCCR

Generated Key Collection and Compression Routine

GPAXDB

General Purpose Annexed Data Block

GPD

Group Partitioned Data

GRPTGC

Group Trunk Group Controls

GSDB

Grid Summary Scan Data Block

HDFI

Host Digital Facilities Interface

HILO

High-Low Technique

HIM

Host Interface Module (currently Host Switching Module)

HLSC

High Level Service Circuit

HM

Human Machine

HM

Human/Machine Interface

HMALM

Human Machine Alarm Process

HOBIC

Hotel Billing Information Center

HOBIS

Hotel Billing Information System

HSC

High Level Service Unit

HSM

Host Switching Module

HSS

Hundred Second Scan

IAM

Initial Address Message

IC

Inter-LATA Carrier

ICAD

Initialization and Configuration Administration

ICC

International Control Center

ICC

Intra-Cluster Communication Process

ICI

Incoming Call Identification

ICL

Intra-Cluster Link

ICLID

Incoming Call Line Identification

ICOM

ISDN Intercom

ICON

Initialization Control

ICR

Intercom Calling Restriction

ICST

Intracluster Status Transport

ID

Individualized Dialing

IDCU

Integrated Digital Carrier Unit

IDDD

International Direct Distance Dialing

IDLPR

Hunted Idle Port

IDP

Individual Dialing Plan

IDS

Interprocessor Data Synchronization

IDT

Integrated Display Terminal

IE

Information Element

IFAC

Integrated Digital Carrier Unit Facility

IFD

Internal Frame Descriptor

IFMH

Interflow Message Handler

IFRS

Initialization Fault Recovery Strategies

IIA

Interrupt Inhibit Administrator

ILA

Idle Link Assurance

ILC

Intra-LATA Competition

ILHB

Incoming Line History Block

IM

Input Message

IMBP

Interface Module Backup Process

IMLT

Integrated Mechanized Loop Testing

IMR

Initial Modification Request

IMS

Interprocess Message Switch

INC

International Carrier

INCM

Modified Equal Access International

INWATS

Inward Wide Area Telecommunication Service

IOCTL

Input/Output Control

IODRV

Input/Output Driver

IOP

Input/Output Processor

IOTP

Interflow Originating Terminal Process

IP

In Progress

IP

Internal Protocol

IPTP

Interflow Position Terminal Process

ISAT

Integrated Services Attendant

ISC

International Switching Center

ISDN

Integrated Services Digital Network

ISLC

Integrated SLC[®] 96 Lines

ISLU

Integrated Services Line Unit

ISM

Inter-SM

ISMDB

ISDN Maintenance Data Block

ISMPH

Inter-SM Protocol Handler

ISMPT

Inter-SM Packet Transport

ISMPT

Inter-SM Port

ISP

Intermediate Switching Point

ISPA

Integrated Services Port Administrator

IST

Interswitch Trunk

ISUP

ISDN User Part

ISUP7

Trunk Class for CCS7 ISUP Trunks

ITIME

OSDS Internal Clock

ITNA

Improved Third Number Acceptance

ITS

Integrated Test System

ITU

International Telecommunication Union

ITU-TS

International Telecommunication Union - Telecommunication Standardization Sector

KA

Keep Alive

KASP

Keep Alive System Process

KATP

Keep Alive Terminal Process

LAN

Local Area Network

LAPB

Link Access Procedure B

LAPD

Link Access Protocol D

LASS

Local Area Signaling Services

LATA

Local Access and Transport Area

LCC

Line Class Code

LCCB

Logical Channel Control Block

LCEN

Line Card Equipment Number

LCGREP

Line Concentrator Report Inhibit Mask

LCN

Logical Channel Number

LDIT

Local Digit Interpreter Table

LDSUF

Local Digital Service Unit Feature

LE

Link Establish

LEC

Local Exchange Carrier

LEDB

Local External Information System Data Block

LEN

Line Equipment Number

LGC

Line Group Controller

LGLNSTAT

Large Line Status

LGSG

Logging Segment and Roll Forward Segment

LGTKSTAT

Large Trunk Status

LGUCD

Line Group Uniform Call Distribution

LHB

Line History Block

LI

Link Interface

LICON

Link Interface Configuration

LID

Line Identification

LID

Link Inhibit Denied

LIFR

Link Interface Fault Recovery

LIT

Line Insulation Test

LKDO

Locked Out

LLCB

Logical Link Control Block

LLM

Logical Link Map

LN

Leased Network

LNACP

Leased Network Action Point

LNSTAT

Line Status

LOGIPP

Logical Port Processor

LOOPDB

Loop Data Block

LPID

Logical Port ID

LPO

Last Primary Offset

LPORT

Logical Port

LPT

Logical Port

LRSP

Local Routing System Process

LRT

Local Name for Remote Terminal

LSF

Local Area Signaling Services Selective Feature

LSM

Local Switching Module

LTG

Large Terminal Growth

LTSB

Line Time Slot Bridging

LTSBDB

Line Time Slot Bridging Data Block

LTSBM

Line Time Slot Bridging Model

LU

Line Unit

LUB

Last Update Buffer

MA

Metallic Access Circuit

MAN

Metallic Access Network

MAS

Main Store

MBTP

Monitoring Bridge Terminal Process

MC

Module Controller

MCA

Multiple Call Appearance

MCB

Message Control Block

MCC

Master Control Center

MCPWSIG

Parent Feature Model State

MCRI

Modular Communications Route Index

MCS

Multiple Calling Service

MCT

Malicious Call Trace

MCTSI

Module Controller/Time Slot Interchange

MCUP

Master Control Center Update Process

MD&RM

Message Delivery and Recall Message

MD&RM

Message Distribution and Reply Management

MDB

Message Buffer Data Block

MDB

Model Data Block

MDC

Message Desk Center

MDII

Machine Detected Interoffice Irregularities

MDR

Message Detail Recording

MDS

Message Desk Service

MEA

Modified Equal Access

MEMMAN

Memory Management

MFC

Modular Feature Construction

MHD

Moving Head Disk (3B)

MHG

Multi-Line Hunt Group

MICO

Module Integrity Control

MICON

Message Interface Configuration

MICU

Message Interface Clock Unit

MLG

Multi-Line Hunt Group

MLHG

Multi-Line Hunt Group

MM-REXC

Multi-Module Routine Exercise Controller

MMP

Module Message Processor

MMPCON

Module Message Processor Configuration

MMPH

Module Message Processor Handler

MMRSM

Multi-Module Remote Switching Module

MMSU

Modular Metallic Service Unit

MMU

Memory Management Unit

MOP

Mount Offline Partition

MRA

Maintenance Request Administration

MRSP

Monitor Resource System Process

MSCU

Message Switch Control Unit

MSCUCON

Message Switch Control Unit Configuration

MSCUH

Message Switch Control Unit Handler

MSG

Message

MSGCLS

Message Class

MSGS

Message Switch

MSKP

Message Switch Kernel Process

MSPS

Misplaced Start Pulse (MDII)

MSPU

Message Switch Peripheral Unit

MSS

Message Service System

MSS_FM

Message Service System Feature Model

MSU

Master Scanner Unit

MSU

Metallic Service Unit

MTB

Metallic Test Bus

MTCE

Maintenance

MTCE

Maintenance Channel

MTI

Message Transport Interface

MTIB

Metallic Test Interconnect Bus

MTP

Monitor Terminal Process

MTP

Music Terminal Process

MTT

Message Switch Control Unit Translation Table

MTTY

Maintenance Terminal

MUPH

Multiple Position Hunt

MW

Multiway

MWI

Message Waiting Indicator

MWIRF

Message Waiting Indicator Refreshing

NAP

Network Access Point

NC

Network Capability

NC

Network Clock

NCCON

Network Clock Configuration

NCD

Network Call Denial

NCLK

Network Clock

NCP

Network Control Point

NCT

Network Control and Timing Link

NM

Network Management

NMA

Network Management Administration

NOC

Normalized Office Code

NPA

Number Plan Area

NRA

Network Remote Access

NRODD

Non-Redundant Office Dependent Data

NS

Network Services

NSF

Network Specific Facilities

NTWK

Network

NU

Nail-Up

OA

Operator Actions

OAP

Operator Services Position System Administrative Processor

OC

Overload Control

ODA

Office Data Administration

ODB

Office Data Base

ODB

On-Demand B-channel

ODBE

Office Data Base Editor

ODD

Office Dependent Data

ODDGRW

Office Dependent Data Growth

ODP

Office Dialing Plan

ODS

Operator Data Synchronization

OE

Originating Equipment

OGT

Outgoing Trunk

OHD

Off-Hook Delayed

OHI

Off-Hook Immediate

OKP

Operational Kernel Process

OLS

Originating Line Screening

ONI

Operator Number Identification

ONI

Office Number Identification

ONTC

Office Network and Timing Complex

OOR

Out-of-Range

OOS

Out-of-Service

OPLS

Outpulsing

OPPCID

Operator Pre-Call ID

OPSP

Offline Pump System Process

OS

Operating System

OSC

Operator Service Center

OSDC

Operator Special Dial Code

OSDS

Operating System for Distributed Switching

OSDS-C

Operating System for Distributed Switching - AM

OSDS-M

Operating System for Distributed Switching - SM

OSDSM

Operating System for Distributed Switching - SM

OSO

Origination Screening Office

OSO

Operator Services Office

OSPID

Operating System Process Identification

OSPS

Operator Services Position System

OSS

Operational Support System

OST

Operating System Trap

OTP

Originating Terminal Process

OTR

Operational Trouble Report

OUTWATS

Outward Wide Area Telecommunications Service

PAGS

Paging Supervisor

PAS

Protected Application Segment

PB

Packet Bus

PBG

Packet Business Group

PBX

Private Branch Exchange

PC

Peripheral Control

PCB

Process Control Block

PCBLA

Process Control Block Link Area

PCC

Paired Country Code

PCD

Peripheral Configuration Data

PCI

Point Code Index

PCRID

Processor ID

PCTF

Per Call Test Failure

PDIT

Primary Digit Interpreter Table

PECC

Product Engineering Control Center

PER

Protocol Error Record

PF

Private Facility

PFA

Private Facility Access

PFCPE

Private Facility Customer Premises Equipment Trunks

PFITT

Private Facility Inter-Tandem Trunk

PFLASH

Private Facility Flash Repeating

PFM

Parent Feature Model

PFR

Peripheral Fault Recovery

PH

Protocol Handler

PH3

Protocol Handler 3

PHDB

Path Data Block

PI

Packet Interface

PIC

Peripheral Interface Controller

PICB

Peripheral Interface Control Bus

PICO

Packet Integrity Controller

PID

Process Identifier

PIDB

Peripheral Interface Data Bus

PIO

Physical Input/Output

PIP

Page Index Page

PIP

Plug-In Processor

PIPCON

Plug-In Processor Configuration

PKB

Packet Buffer

PLNTHR

Hourly Plant Report

PM

Performance Monitoring

PMDB

Process Message Data Block

PMDR

Packet Message Detail Recording

PORTLA

Port Linkage Area

POSDB

Position Data Block

POTS

Plain Old Telephone Service

PP

Port Processor

PP

Precedence and Preemption

PPB

Permanent Packet B-channel

PPC

Pump Peripheral Controller

PPCCON

Pump Peripheral Controller Configuration

PPFR

Port Processor Fault Recovery

PRI

Primary Rate Interface

PRM

Processor Recovery Message

PS

Packet Services

PS

Packet Switching

PSA

Port Status Administrator

PSAP

Public Safety Answering Point

PSB

Packet Switching B-channel

PSINIT

Packet Services Initialization

PSM

Packet Switching Module

PSM

Position Switching Module

PSMCP

Packet Switching Modem Call Processing

PSMPUP

Packet Switch Module Process Unloader Process

PSN

Public Switch Network

PSN

Packet Switch Number

PSPD

Partial Signal/Partial Dial

PSPD

Permanent Signal Partial Dial

PSTN

Public Switched Telephone Network

PSU

Packet Switch Unit

PSUCOM

Packet Switch Unit Common Controller

PSUPH

Packet Switch Unit Protocol Handler

PTIB

Packet Trunk Input Buffer

PTP

Position Terminal Process

PTRDB

Pointer Data Block

PTS

Peripheral Time Slot

PTSB

Peripheral Interface Data Bus Time Slot Block

PU

Peripheral Unit

PUCR

Pump Control

PVC

Permanent Virtual Call

PVC

Permanent Virtual Circuit

PVN

Private Virtual Network

QID

Query Identification

QRYDB

Query Data Block

RAF

Recorded Announcement Facility

RAM

Random Access Memory

RAO

Revenue Accounting Office

RAS

Remote Alarm Section

RASP

Remote Access System Process

RAU

Remote Alarm Unit

RAX

Rate Area Exception

RBD

Receive Buffer Descriptor

RC

Recent Change

RC/V

Recent Change and Verify

RCL

Remote Cluster Link

RCL

Remote Communications Link

RCLK

Remote Clock

RCLKFR

Remote Clock Fault Recovery

RCLOG

Recent Change and Verify Log

RCV

Recent Change and Verify

RCVY

Recovery

RDFI

Remote Digital Facility Interface

REQTYPE

Request Type

REX

Routine Exerciser

REXC

Routine Exercise Control Process

REXS

Routine Exercise Scheduler

RFD

Receive Frame Descriptor

RIC

Route Indexes Tried for Call

RID

Record Identification Number

RINGMON

Ring Monitor Kernel Process

RISA

Remote Integrated Services Line Unit Alarm Process

RISLU

Remote Integrated Services Line Unit

RLT

Release Link Trunk

RMAP

Remote Module Alarms Process

RMAS

Remote Memory Access System

RMS-D3

Remote Measurement System-Digital 3

RNA

Ring Node Address

RODD

Redundant Office Dependent Data

ROM

Read Only Memory

ROP

Receive Only Printer

ROSE

Remote Operations Service Element

RPB

Request Particular Band Status

RPI

Return to Point of Interrupt

RSM

Remote Switching Module

RT

Remote Terminal

RTA

Routing and Terminal Allocation

RTAC

Regional Technical Assistance Center

RTDB

Routing Data Block

RTI

Return From Interrupt

RTI

Route Index

RTIME

OSDS Time Relative to Switch Initialization

RTR

Real Time Reliable

RTRS

Real Time Rating System

S-DFI

SLC[®] 96 Digital Facility Interface

S-DFI

Subscriber Digital Facility Interface

SABM

Synchronous/Asynchronous Block Mode

SAC

Service Access Code

SAPI

Service Access Point Identifier

SC

Series Completion

SC

Speed Calling

SC

Service Capability

SC/SD

Scanner and Signal Distributor

SCA

Selected Call Appearance

SCA

Selective Call Acceptance

SCB

Stack Control Block

SCCOF

Selective Customer Control of Facilities

SCCP

Signaling Connection Control Point

SCF

Selective Call Forwarding

SCM

Shared Call Model

SCMDB

Shared Call Model Data Block

SCP

Service Control Point

SCP

Switching Control Point

SCR

Selective Call Rejection

SCSDA

Scanner and Signal Distributor Administrator

SCSP

Shared Call System Process

SDA

Selective Distinctive Alerting

SDAU

Signaling Status Data Audit

SDFI

SLC[®] 96 Digital Facilities Interface

SDFI

Subscriber Digital Facilities Interface

SDL

Synchronous Data Link

SDLC

Synchronous Data Link Controller

SDN

Software Defined Network

SDN

Switched Digital Network

SDRQ

Signaling Status Data Request

SDS

Shared Data Segment

SELID

Selector ID

SES

Service Evaluation System

SFG

Simulated Facility Group

SG

Service Group

SGDB

Service Group Data Block

SHDN

Shared Directory Number

SI	System Integrity Subsystem
SI	Selective Initialization
SI	Screening Index
SICO	System Integrity Control
SID	Site Identification
SILC	Selective Incoming Load Control
SIM	System Integrity Monitor
SIOT	Shared Inter-Office Trunk
SLB	Subscriber Line Busy
SLC	Subscriber Loop Carrier
SLE	Screen List Editing
SLMK	Signaling Link Maintenance Kernel
SM	Switching Module
SMARS	Switch Maintenance Analysis and Recovery Strategies
SMC	Switch Maintenance Control
SMER	Switch Maintenance Error Recognition
SMEST	Switch Maintenance Equipment Status Table
SMICO	Switch Maintenance Integrity Controller
SMIM	Switch Maintenance for the Switching Module

SMITS

Switching Module Integrated Test System

SMKP

Switch Maintenance Kernel Process

SMP

Switching Module Processor

SMST

Switching Module System Test

SOCO

Output Message Control Process

SODD

Static Office Dependent Data

SOP

Service Order Processor

SOP

Service Order Profile

SP

System Process

SPA

Special Access

SPB

Supplementary Protocol Block

SPID

Service Profile Identifier

SPP

Single Process Purge

SPYDER

Synchronous/Asynchronous Protocol Data Formatter

SSDC

Communication Module Processor Signaling Status Data

SSP

Service Switching Point

SSP

Strategy System Process

STG

Standard Trunk Group

STI

Switching Transmission Interface

STIU

Switching Transmission Interface Unit

STP

Signal Transfer Point

STQDB

Serving Team Queue Data Block

SVC

Service Circuit

T&A

Toll and Assistance (also called T/A)

T&C

Time and Charges

T&M

Talk and Monitor

T/D

Text/Data

TAISP

Tandem Access for Inter-LATA Sent Paid Coin

TALLOOPDB

Toll and Assistance LOOP Data Base

TAPOSDB

Toll and Assistance Operator Position Data Block

TASC

Telephone Company Administrative Support Capability

TAT

Test Access Trunk

TBD

To Be Determined

TCA

Telephone Company Administration

TCAP

Transaction Capabilities Application Part

TCB

Timer Control Block

TCM

Traveling Class Mark

TCR

Telephone Credit Card

TCS

Terminating Code Screening

TDB

Task Data Block

TEDB

Terminal Equipment Data Block

TEI

Terminal Endpoint Identifier

TEILA

Terminal Endpoint Identifier Linkage Area

TFD

Transmit Frame Descriptor

TG

Trunk Group

TG/SR

Terminal Group/Station Restriction

TGN

Trunk Group Number

TGSR

Terminal Group and Station Restriction

TIDB

Transmission Interface Data Bus

TLWS

Trunk and Line Work Station

TM

Terminal Maintenance

TM

Traffic Measurements

TMC

Timeslot Management Channel

TMEM

Trunk Group Member

TMF

Terminal Management Function

TMS

Time Multiplexed Switch

TMSCON

Time Multiplexed Switch Configuration

TMSLNK

Time Multiplexed Switch Link

TN

Telephone Number

TOD

Time of Day

TORC

Time of Day Originated Recent Change

TP

Terminal Process

TRFC

Traffic (report)

TRFC15

15-Minute Traffic Report

TRFC30

30-Minute Traffic Report

TRFCH

Traffic Channel

TSDB

Time Slot Data Block

TSI

Time Slot Interchange

TSIU

Time Slot Interchange Unit

TSM

Trunk Status Mapping

TSPS

Traffic Service Position System

TSSR

Time Slot Select Register

TTC

Terminating Toll Center

TTF

Transmission Test Facility

TTO

Terminating Toll Office

TTP

Terminating Terminal Process

TUT

Trunk Under Test

UBHC

Unconcentrated Buffer Head Cell

UCB

Unit Control Block

UCBR

Unit Control Block Record ID

UCD

Uniform Call Distribution

UCI

Unified Control Interface

ULARP

User Level Automatic Restart Process

UODD

Unprotected Office Dependent Data

UP

User Process (3B)

UPTP

Unified Position Terminal Process

UTD

Universal Tone Decoder

UTG

Universal Tone Generator

UUI

User-to-User Information

VC

Virtual Circuit

VCDX

Very Compact Digital Exchange

VDT

Video Display Terminal

VMS

Voice Messaging Service

VMSI

Voice Messaging Service Interface

VMWI

Visual Message Waiting Indicator

VPA

Voice Path Assurance

VT

Virtual Terminal

VTOC

Volume Table of Contents (3B)

WATS

Wide Area Telephone Service

WP

Write Protect

XAC

X.25 Access Capability

XAT

X.25 Packet Switching on T1 Facility

XCVR

DSU2 Equipment/Transceiver Circuit

XPC

BX.25 Level 2 Protocol Controller

GLOSSARY

Access Dictionary

An array of access blocks, each of which contains access information for a given version of a relation.

Access Methods Package

The database software that furnishes database access by mapping tuple keys to logical addresses.

Administrative Module (AM)

The 3B20/3B21 unit consisting of control units, disk file controllers, disk drives, main stores, input/output processors, and the common network interface (CNI) ring. The AM controls the overall operation of a 5ESS[®] switch.

Administrative Services Subsystem

The subsystem that collects, processes, and transmits information about switching activities.

Application Integrity Monitor (AIM)

The subsystem environment that oversees the detection and correction of software faults in application software.

Assert

A defensive check used to verify software consistency within a processor. Asserts can detect errors, but cannot recover lost resources.

Assert Handler

The software that is invoked when a defensive check fails. Assert handlers are responsible for reporting and recovering from a defensive check failure.

Assert Message Brevity

The central processor intervention feature that limits the number of assert output messages that are printed on the read only printer (ROP).

American Standard Code for Information Exchange (ASCII)

A standard 8-bit code used for exchanging information among data processing systems and associated equipment.

Attribute

A column of a relation.

Audit

Major programs used to detect, confine, and recover software data errors before system performance is adversely affected.

Automatic Call Back (ACB)

A feature that allows the subscriber, after reaching a busy station, to hang up the telephone then dial the activation code and the busy station directory number to activate automatic call back. When the busy station goes onhook and the calling station is onhook, the calling station will receive a distinctive ringing pattern. When answered, a call will automatically be completed to the previously busy station.

Automatic Line Insulation Test (ALIT)

An automatic system that checks for the presence of foreign potentials (voltages) and for leakage on customer loops. The ALIT does not test 4-party lines with full-selective ringing or 8-party lines.

Automatic Message Accounting (AMA)

The automatic accumulation of call data such as calling number, called number, date, time, duration, etc. that will be processed to render a customer's telephone bill.

Autoquote (AQ)

An operator services position system (OSPS) feature whereby OSPS time and charges are automatically relayed to a printer in an automatic charge quotation service (ACQS) establishment.

Base Relation

A relation that is physically stored in the database.

Basic Rate Interface (BRI)

Provides data and voice communications simultaneously, plus circuit switched and packet switched services. BRI serves small-end systems such as voice-data work stations, multibutton voice stations, and terminal adapters for non-ISDN devices. Also known as digital subscriber loop in the ISDN network.

Block

- 1) A tuple.
- 2) 512 contiguous bytes of memory.

Breakpoint

A programming entity that enables users to halt a process running in a switching module (SM), execute a predefined set of utility functions, and resume execution of the process.

Brevity

The feature that limits the number of output messages that are logged and printed.

Business and Residential Custom Features (BRCS I and II)

The custom calling features and centrex services that can be packaged to meet individual customer needs.

Business and Residential Custom Services (BRCS)

A 5ESS[®] switch feature package that provides a logical grouping of features and groups that are used by a business customer who receives communication services from a 5ESS[®] switch.

BX.25

Lucent Technologies Bell Laboratories version of the Consultative Committee for International Telephone and Telegraph (CCITT) protocol X.25.

C

The high-level programming language which is used to write most of the 5ESS[®] switch software is written.

Call Forwarding (CF)

A 5ESS[®] switch feature that allows the customer to specify a different destination code for incoming calls. When a call comes in for a call-forwarded number, it is rerouted to the specified location.

Call Processing

The activities involved in transmitting voice and data calls from inception, through the network, to their final destination. Three subsystems handle call processing: feature control (FC), routing and terminal allocation (RTA), and peripheral control (PC).

Call Record

A fixed-size block of memory associated with each call processed by the switching system.

Common Channel Signaling (CCS)

An interoffice signaling scheme in which address and supervision signaling is carried over a data network rather than over the message network.

Communications Module (CM)

The hardware that provides the interface between the switching modules (SMs) and the administrative module

(AM). In a multimodule office, the CM consists of the message switch (MSGS) and the time multiplexed switch (TMS).

Concentrator

A digital switching entity that permits a greater number of customers to share common output lines. For example, a 2:1 concentrator permits 48 customers to share the 24-channel capacity of a single T1 line.

Constructed Feature

A feature defined by a 5ESS[®] switch user for their own unique needs.

Consultative Committee for International Telephone and Telegraph (CCITT)

An international advisory committee under United Nations sponsorship that has composed and recommended for adoption worldwide standards for international communications.

Crosscheck

A process that verifies the accuracy and completeness of the office dependent data (ODD) translation assignments.

Customer Originated Recent Change (CORC)

The feature of the Business and Residential Custom Services (BRCS) that allows business and residential customers to enter recent change transactions without assistance from the operating company.

Data Base Manager (DBM)

The subsystem that provides facilities for accessing and updating all translation data.

Data Delivery (DD)

A mechanism that delivers status bits from the administrative module (AM) to the switching modules (SMs) to inhibit and allow routine audits.

Data Tuple

One of the three types of tuples in a relation. Data tuples are the tuples requested and manipulated by call processes.

Defensive Check

A synonym for assert.

Diagnostics

The programs that locate faults and verify repairs.

Dictionaries

A database in the memory structure of the 5ESS[®] switch that contains information such as access type, relation and attribute identification, number of subattributes, and domain identification.

Direct Link Node (DLN)

A type of common network interface (CNI) ring node that moves the common channel signaling (CCS) processing from the administrative module (AM) to the DLN, relieving CCS real time constraints on the AM.

Direct Memory Access (DMA)

Provides main store access control for input/output devices and other processors without requiring direct control from the administrative module (AM).

Directory Number

A 7-digit number consisting of a 3-digit central office code and a 4-digit station number.

Distribute Point Number (DPN)

Identifies the location of distribute points on the metallic service unit (MSU).

DMERT (Duplex Multi-Environment Real-Time system)

The main operating system in the 3B central processor.

Domain

In a database, the set of allowable values that an attribute may have.

Dummy Tuple

One of the three types of tuples in a relation. Dummy tuples are the first tuples in each relation; they normally contain all zeros and are used to detect sporadic system abnormalities such as wild writes.

Dynamic

In the context of data in memory, dynamic means not write-protected. In the context of data structures, dynamic means that the data structure uses linkage.

Dynamic Office Dependent Data (ODD)

Dynamic ODD is switching module (SM) memory that is required for call processing. Dynamic ODD is engineerable, but not assignable. Also known as unprotected ODD (UODD).

Dynamic Relation Dictionary

An array of description blocks, each of which defines the current (most recent) version of the associated relation.

Elevated Segmented Mode

The mode of operation in which audits run at priority 1 and take real-time breaks.

Engineering and Administrative Data Acquisition System (EADAS)

A traffic data collection system and a network administration reports system that provides the interface between an electronic switch and the total network data system (TNDS).

Escalation

A recovery action taken when a critical resource is in error and taking segment breaks before the error is corrected would further degrade processing.

Event

- (1) A system fault. Events are assigned event numbers that are printed in the output messages.
- (2) A two-bit piece of information sent by a process to notify another process about an impending message.

Feature Button (FB)

A one- or two-lamp, nonfixed button on an ISDN station that has been assigned to a specific feature. The feature button is used to request (such as, activate/deactivate) that feature.

Feature Control (FC) Subsystem

The call processing subsystem responsible for sequencing call processing actions at a hardware independent level.

FIFO (first-in, first-out)

A synonym for queue.

Form

A format displayed on a video display terminal and used by maintenance personnel to query and update the office database.

Form Check

A program-initiated operation in which individual attributes on a form are checked for compatibility with every other attribute.

Full Initialization

The form of initialization in which stable calls (those in a stable talking state) are disconnected.

Fully Loaded Switching Module (SM)

An SM that contains the full complement of software releases, allowing that SM to support any 5ESS® switch feature.

Generic Access Program (GRASP)

A utility program residing in the administrative module (AM) that helps verify application programs and localize and resolve problems.

Global Data

The data in memory that is not allocated on a software release basis or at compile time to individual subsystems.

Head Cell

One of the three types of tuples in a relation. Head cells are used as owners for idle resources.

Head Table

A table containing pointers to pages of memory.

Hunting

The process of selecting one of a set of available ports to satisfy a calling customer.

Idle List

- (1) A linked list of available nodes.
- (2) A list of idle resources linked to a head cell.

Incoming Calls

From the perspective of a switch, calls that originate on trunks and are routed either to other trunks (tandem) or to lines.

Index

A number that specifies an element in an array.

Individual Dialing Plan (IDP)

A feature that allows dialed digits to be interpreted according to a line or trunk personalized dialing plan (based on the customer wishes) instead of through the regular digit interpreter.

Insanity

The condition of the system in which abnormal processing occurs.

Integrated Services Digital Network (ISDN)

A collection of features that provides a customer with simultaneous voice and data over an end-to-end digital network.

Integrated Subscriber Loop Carrier System (SLC-96)

The call processing system consisting of remote terminals and hardware in the switching modules (SMs) that provides low-cost service to remote customers.

Inter-LATA Carrier (IC)

A carrier designed to service traffic that crosses a local access and transport area (LATA) boundary.

Interoffice

The trunk groups between two separate switching machines or the traffic carried by such trunk groups.

Interprocessor Data Synchronization (IDS)

A means of synchronizing interprocessor redundant dynamic data by using interprocessor messages.

Item

A word of memory within a tuple, a portion of a word of memory within a tuple, or a number of consecutive words of memory within a tuple.

Kernel Process

A logical collection of software running at the level closest to the machine.

Key

A mandatory attribute of a view that must be completed successfully in order for the user to have access to the database. It is the index into the view.

LIFO (last-in, first-out)

A synonym for stack.

Line Equipment Number (LEN)

An 8-digit number used in translations to identify a customer's line so that it may be accessed. Uses the convention "AAABCDEF," where AAA identifies the switching module (SM) number, B identifies the concentrator group, C identifies the concentrator, D identifies the switch group, E identifies the switch, and F identifies the level.

Line Unit (LU)

An interface unit that terminates individual, party, coin, and range extended lines.

Link

A connection between tuples implemented by placing within one tuple the address (or physical key) of another tuple.

Linked List

A dynamic list in which nodes contain pointers to other nodes.

Link Nodes (LN)

The part of the common network interface (CNI) that performs message handling protocol, control functions, and self-diagnostics. Link nodes establish connections to the signaling network using A-links.

Link-sharing

A type of linkage that is used in special cases such as custom calling features where one process owns many ports.

List Pointer

A type of physical linkage that indicates the first node of a list.

Local Access and Transport Area (LATA)

A defined geographical area where equal access end offices and/or access tandem offices can provide carrier access to the local exchange.

Local Digit Interpreter Table (LDIT)

Defines all area, office, and service codes (numbering plan area [NPA], NXX, X11, etc.) in the office dependent data (ODD).

Logical Key

A number used to specify a tuple. It is equal to the physical key minus the number of head cells plus one.

Maintenance

The activities involved in detecting internal errors and recovering faults.

Mapping

A synonym for linkage.

Master Control Center (MCC)

Provides the manual interface to a 5ESS[®] switch. Consists of a video display terminal with keyboard, a read only printer (ROP), and a key telephone set.

Message

Communication consisting of one or more recognizable bits of data. The method by which processes communicate with each other.

Metallic Service Unit (MSU)

Provides metallic access, miscellaneous scanning and distribution functions, and automatic line insulation test (ALIT) capabilities.

Module Message Processor (MMP)

Circuitry in the message switch (MSGS) that handles control message protocol on the link to the switching modules (SMs).

Multi-level Key

A key consisting of a high-order part used to look up the address of a member page in a head table, and a low-order part used to look up a tuple on the member page.

Multiline Hunt Group (MLHG)

A group of customer facilities that are identified as a group in translations. When calls are placed to the MLHG, the 5ESS[®] switch hunts for an idle member in the group beginning with the dialed directory number (DN).

Network Call Denial (NCD)

Enables a carrier switch to block inter-LATA calls from non-paying customers.

Network Control and Timing (NCT)

A fiber optic link that connects a switching module (SM) to the time multiplexed switch (TMS), provides time slot paths for network connections, carries a control time slot to the SM, and distributes timing to the SM.

Network Management (NM)

A set of real-time procedures for optimizing network performance when the network is under stress due to adverse conditions. The NM provides control and surveillance features that aid in maintaining the network integrity and security during overloads and failures.

Node

A component of a linked list consisting of data and one or more pointers to other nodes.

Nonreturning Assert

An assert that does not return program control to the calling function, and also purges the current process.

Office Data Administration (ODA)

The mechanism for assembling initial translation information for a 5ESS[®] switch. Information is entered by means of a video terminal, assembled in an ODA computer, then sent to the 5ESS[®] switch.

Office Data Base Editor (ODBE)

A feature of 5ESS[®] switch memory management that allows information contained in the database to be changed manually.

Office Dependent Data (ODD)

The database, specific to a particular office, that contains unique trunk and line assignments, thereby allowing the office to process call traffic.

Office Records (OFR)

For the 5ESS[®] switch, tabular listings of actual inventories and assignments to the database that serve as a means for administering an office.

One-to-one Linkage

The linkage between two tuples in which each tuple has a single link to the other tuple.

Operating System (OS)

Software that enables a computer to supervise its own activity.

Operating System for Distributed Switching (OSDS)

The operating system that controls the functions of the switching system. The 5ESS[®] switch contains several instances of OSDS: one in the switching module (SM), one in the switch maintenance kernel process (SMKP), and one in the operational kernel process (OKP).

Operational Kernel Process (OKP)

An environment in the administrative module (AM) in which application-oriented call processing occurs.

Operator Number Identification (ONI)

A means of obtaining billing information by connecting the calling party to an operator position.

Operator Services Position System (OSPS)

A feature of the 5ESS[®] switch that provides operator and attendant services, such as directory assistance and toll and assistance (T/A).

Originating Calls

Calls that originate on lines and are routed either to other lines (intra-office) or to trunks (interoffice).

Owner

A tuple that is linked in an owner-member linkage to a list of member tuples.

Outgoing Calls

Calls that are routed to trunks.

Outgoing Trunk

A one-way trunk that allows only originating traffic to access a distant office to complete telephone calls. Traffic originated at a distant office cannot access this trunk.

Owner-member Linkage

A linkage between an owner tuple and a number of member tuples. The member tuples are arranged in a doubly linked list with each member tuple having an additional link to the owner tuple. The owner tuple has links to the first and last member tuples.

Parameters

Parameters define resources (lines, screening indexes, etc.) that are used as key attributes in database relations to describe the makeup of the 5ESS[®] switch.

Peripheral Control (PC) Subsystem

The call processing subsystem that acts upon customer requests collected by the feature control (FC) subsystem and insulates the FC and terminal maintenance (TM) subsystems from changes in hardware configuration.

Peripheral Controller

Circuitry in the input/output processor (IOP) that interfaces with peripherals outside of the administrative module (AM).

Physical Linkage

The type of linkage occurring between records both in network and in hierarchical databases. Physical linkages use pointers within each record to lead to other records.

Plain Old Telephone Service (POTS)

Basic voice service using a telephone.

Pointer

A variable or item that contains a value giving the location of some entity such as another node, item, or variable.

Point-to/point-back Check

A verification process that determines whether a relation pointed to from a source relation points back to the source relation.

Popping

The operation of removing a node from a stack.

Preconstructed Feature

A feature defined by Lucent Technologies and available to all 5ESS[®] switch users.

Primary Rate Interface (PRI)

A 1.544 Mbps digital interface containing twenty-three 64 Kbps B-channels for the transport of end user information (such as voice and data), plus one 64 Kbps D-channel for control signaling. PRI serves relatively large customer premises such as private branch exchange (PBX) or mainframe computers.

Primitive

An elementary operation performed by one subsystem for another subsystem.

Private Branch Exchange (PBX)

A customer premises switching system that allows a group of lines to make intragroup calls on an extension-dialed basis, and also allows direct inward dialed calls from a regular telephone network.

Private Facilities Access (PFA)

A feature that allows subscribers to have dial access to various types of public and private switching arrangements.

Process

A collection of related logical segments (programs and data) that can be brought into memory to form an executable entity.

Process Errors

The errors associated with a single identifiable process.

Process ID (PID)

The unique identifier assigned to each process as it is created.

Protected Office Dependent Data (ODD)

ODD that establishes the type and amount of equipment that comprises the office (lines, trunks, etc.). Formerly referred to as static ODD.

Pushing

The operation of adding a node to a stack.

Queue

A waiting list, usually consisting of processes or tasks, that the processor will execute when time is available.

Read Only Printer (ROP)

A printer used only for receiving messages at the master control center (MCC).

Recent Change (RC)

A system function that allows field personnel to make in-service, memory assignment changes to the 5ESS® switch database.

Recent Change and Verify (RC/V)

A stand-alone subsystem, provided at the 5ESS® switch office, that allows maintenance personnel to change or verify the database using menu selections at a video terminal. RC/V includes the ability to back out of selected recent change messages and to restore the database to a previous condition.

Record

A collection of data items (attributes) present in a row of the tabular office records database.

Recorded Announcement Function (RAF)

A feature that provides independent playback of prerecorded, variable length, and variable content operator services position system (OSPS) announcements.

Relation

A rectangular data table (matrix) that has rows called tuples and columns called attributes.

Relational Database

A type of database that organizes data in a tabular form of rows and columns.

Re-order Tone

An audible, low tone signal sent to the calling party to indicate that the call cannot be completed. Re-order tone is sometimes called fast busy.

Route Index (RI)

A code used in selecting the path a call will take through an office.

Routing and Terminal Allocation (RTA) Subsystem

The call processing subsystem that determines whether a call can be made between a given source and destination. The appropriate detailed routing information required to allocate system resources for that call is obtained from the database manager (DBM).

Sanity

The normal processing state of the system.

Sanity Timer

The system integrity measure that detects malfunctions by checking the time required to perform system processes.

Screening

A translation process that determines the type of treatment that a line should be given. Screening information is used during routing.

Selective Initialization (SI)

The form of initialization in which transient calls (those not in a stable talking state) are disconnected.

Single Process Purge (SPP)

The form of initialization in which a single process is terminated.

Soak

The process of leaving a software update (formerly called broadcast warning messages [BWMs]) in the switch for a period of time to allow the associated update to interact with other parts of the system.

Software Release

A fixed software program that makes up the basic operating system and is the same in all 5ESS® switch offices with the same software release name and issue. The software release uses individual office translations to allow different features from office to office. Formerly called generic.

Soft Switch

A software switch designed not to interrupt call processing. Often referred to as a "data preserving" software switch.

Software

Programs and routines that are used to communicate with a processor.

Software Change Administration and Notification System (SCANS)

A dial-up system that uses a 2048 data set to distribute stored program control updates to the telephone company in the form of software updates (formerly called broadcast warning messages [BWMs]). SCANS serves the responsible Switching Control Center System (SCCS).

Software Update

A software change administration and notification system (SCANS) message that contains software changes (binary overwrite data) in control programs and or related data for maintenance personnel. Formerly called broadcast warning messages (BWMs).

Speed Calling (SC)

A feature that allows the customer to associate a digit string with a 1- or 2-digit code. The 5ESS® switch looks up the encoded string, then uses it to route the call.

Stable Call

The condition reached after all switching functions have been completed and a talking state is established.

Stack

A linked list in which additions and deletions can only be made at one end. A synonym for a last-in first-out (LIFO) list.

Static

In the context of data in memory, static means write-protected.

Static Office Dependent Data (ODD)

ODD that establishes the type and amount of equipment that comprises the office (lines, trunks, etc.). The protected area of memory. Also known as protected ODD.

Subsystem

The 5ESS® switch software for a specific set of functions.

Switching Module (SM)

Equipment that connects all external lines and trunks to the 5ESS® switch and handles most call processing

tasks. The SM converts signals received from lines and trunks into the internal digital time-division format of the office.

Switch Maintenance Kernel Process (SMKP)

The program that controls the execution of the audits related to 5ESS[®] switch call processing that are not controlled by the operating system for distributed switching (OSDS).

Switch Maintenance (SM) Subsystem

The maintenance subsystem that protects the switching system from hardware problems in the interface modules and peripheral units.

System Integrity Monitor (SIM)

The subsystem environment that oversees the detection and correction of insanity.

System Process (SP)

A process that provides services on a system-wide basis. System processes are created and terminated independent of call processing and do not share their programs with other processes.

Terminal Maintenance (TM) Subsystem

The maintenance subsystem that protects the switching system from problems in trunks, lines, service circuits, and signaling paths.

Terminal Process (TP)

A software process in the switching module processor (SMP) that controls a terminal (line, trunk, or channel) during a call or call attempt. The TP is created and exists only as long as the terminal it controls is active.

Terminating Calls

Calls that are routed to lines.

Three-Way Calling

A custom calling feature available to individual noncoin, non-PBX lines that allows a customer to establish a talking connection between that line and two other lines or trunks.

Time Slot

The unit of time during which a single communication sample is sent through the network.

Traffic Measurement

Data that shows the current status of the 5ESS[®] switch. This data is often used to validate the need for additional switch resources.

Transaction

The means used by the initialization and maintenance code to read port assignments, service status, etc., and to manually add recent change information to the database.

Transient Call

A telephone call that is not in the stable call (talking) state. For example, a call in the dialing or ringing state.

Trigger

An event that causes the occurrence of another event.

Trunk

The facility used for transmission and/or signaling that exists between two different entities, such as central offices, sections of the same switching system, etc.

Trunk Group

In the context of a 5ESS[®] switch, four channels in a trunk unit (TU) that are in the same maintenance failure

group.

Trunk Line and Work Station (TLWS)

Gives maintenance personnel access to lines and trunks, provides an interface to circuit administration, and supports portable testing equipment such as voltmeters and transmission measuring sets.

Trunk Unit (TU)

An analog interface unit that terminates a wide variety of loop and ear and mouth (E&M) trunks. High traffic lines that do not require ringing, such as PBX direct inward dialing (DID) trunks, may also be terminated.

Tuple

A row in a database relation (table). In the 5ESS[®] switch database, a tuple is a fixed-length record that consists of a number of items.

Two-Party Service

Provides telephone service to a maximum of two customers on a common terminal appearance on the network.

UNIX[®]-RTR Operating System

A real-time operating system that uses a UNIX[®] supervisor.

Unprotected Office Dependent Data (UODD)

UODD is switching module (SM) memory that is required for call processing. UODD is engineerable, but not assignable. Formerly referred to as dynamic data.

Verify

A database operation that enables a user to read office data using the view-level interface.

Video Display Terminal (VDT)

In the 5ESS[®] switch, a terminal that provides voice and call information to an operator.

View Mapping

A bi-directional mapping between a database view and its respective base relations.

View

A virtual database relation (table) whose tuples (rows) are not physically stored in the database.

Wild Write

Data corruption that occurs when a program writes meaningless data into an incorrect data area. Wild writes are usually caused by software errors.

6. ASSERT DESCRIPTIONS FOR RANGES ACD - DXTERA

INTRODUCTION

The Assert Descriptions section contains, for each assert, a description of the problem that caused the assert to fail.

A manual action assert description consists of a Problem section which describes the problem, a Data Structures section which identifies the relations that were involved, and an Action section which describes how to fix the problem. Since a manual action assert usually reports office dependent data (ODD) related problems, it can be fixed manually at the office.

A defensive check failure (DCF) assert, however, typically reports software errors that cannot be fixed at the office and may necessitate contacting your next level of support, particularly if it fires often. A DCF assert description contains a description of the problem; but it does not contain a Data Structures or Action section.

The asserts are divided into ranges. The assert ranges are organized alphabetically in this section; then the asserts within each range are listed alphabetically by mnemonic and are presented in the following manner:

MNEMONIC: (software release)

```

(a)                (b)
Recovery Action: (c)      SPP: (d)      Audit: (e)      Audit Mode: (f)
Problem:
(g)
```

where:

(a)	Lists the mnemonic that identifies the assert.
(b)	Lists the software release(s) that this assert is found in.
(c)	Describes the recovery action that is triggered by the assert. Possible values are si The system invoked a selective initialization. spp The system initiated a single process purge. rpi The system returned control to the program at the point of interrupt; escalation possibly occurred. If a dash precedes ``rpi," no escalation occurred.
(d)	Indicates whether the assert initiated a single process purge (SPP) of a nonrunning process. Values are "y" for yes and "n" for no.
(e)	Lists the audit scheduled to run (if any) as a result of the assert failure. Currently, each assert may invoke only one audit. If no audit is scheduled, the value is "null."
(f)	Describes the mode the scheduled audit will run in. Possible values are elev The audit will run in the elevated segmented mode. nonseg The audit will run in the nonsegmented mode. null No audit is scheduled.
(g)	Contains an explanation of the problem that caused the assert to fail. Descriptions of manual action asserts contain additional information describing the data structures that are affected and the action(s) needed to solve the problem.

The technical content of this section is constantly updated. Addendums to this section of the manual have a high priority and are distributed promptly.

Range: acd**1. ACABNCQ (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not get a call queue data block (CQDB) for the call indicated in the MGOP_CABN message. The MGOP_CABN message is dumped.

2. ACABNCQOWN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Could not get the owner of a call queue data block (CQDB). The CQDB and the MGOP_CABN message are dumped.

3. ACABNLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Failed to remove an operator conference or transfer from a queue after the calling party abandoned. The failure occurred when attempting to retrieve the linked rISTQDB tuple for the given rICQDB tuple.

4. ACACDBMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message type passed as the feature ID (FID) is in the feature activation table (FAT), but the FID is not recognized by this switch statement. The message head is dumped.

5. ACACKMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to forward a login acknowledgement to operator actions (OA) failed. The OSSENDMSG() macro return code is dumped.

6. ACACKPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive failed to find the owning process control block link area (PCBLA) for a port. The return code is dumped.

7. ACACWMDT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLMODATT. The rIMODATT tuple is dumped.

8. ACACWMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to send the MGCALL_WT message failed. The return code from the OSSENDMSG() macro is dumped.

9. ACACWSVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) macro failed to obtain an rHCSESVTM tuple. The rHCSESVTM tuple is dumped.

10. ACADMHCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the static relation RLCTINFO. The rICTINFO tuple is dumped.

11. ACASVDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from a dynamic access (DA) primitive was not expected. The return code is dumped.

12. ACASVPST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position state within the serving team queue data block (STQDB) is not an accepted value. The contents of the STQDB is dumped.

13. ACASVSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSESVTM	Audit Mode: elev

Problem:

A dynamic access (DA) primitive could not add a serving team queue data block (STQDB) to a queue. The returning error code indicated a problem with the head cell tuple rHCSESVTM.

14. ACASVSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSESVTM	Audit Mode: elev

Problem:

A dynamic access (DA) primitive could not perform the requested action on a serving team queue data block (STQDB).

15. ACBADQCDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not get the call queue data block (CQDB) for the call indicated in the MGACCHKQUE message. The MGACCHKQUE message is dumped.

16. ACBSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from a dynamic access (DA) primitive was not expected. The return code is dumped.

17. ACBSPST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position state in the serving team queue data block (STQDB) is not an expected value. The STQDB contents is dumped.

18. ACBSSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

A dynamic access (DA) primitive could not perform the requested action. The return code indicated a problem with the head cell.

19. ACBSSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMT	Audit Mode: elev

Problem:

A dynamic access (DA) primitive could not perform the requested action on a serving team queue data block (STQDB).

20. ACCDANTC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred when reading the RLAC_TKCT relation with the oppcid (operator pre-call ID) and tgroup (trunk group) keys.

21. ACCDANTK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred when reading the RLFC_TRUNK relation using the port and party as keys.

22. ACCDNOTC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

*Problem:

A database read failure occurred. No rIAC_TKCT tuple was found for the oppcid (operator pre-call ID) value.

Data Structures:

RLAC_TKCT. Key fields: oppcid, tgroup (trunk group).

Action:

Search the RLAC_TKCT relation for a tuple with the oppcid key. The key tgroup is defaulted to 9999. If no tuple is found, use RC/V to insert a tuple. If a tuple exists, write an initial modification request (IMR).

23. ACCDNOTK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No rIFC_TRUNK tuple was found for the port. A database inconsistency exists between the RLPCBLA and RLFC_TRUNK relations for a given port.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

Search the RLFC_TRUNK relation for a tuple with the port key. If no tuple is found, use RC/V to insert an rIFC_TRUNK tuple. If a tuple already exists, contact the product engineering control center (PECC) and write an initial modification request (IMR).

24. ACCQDETRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure other than "no match" occurred when reading the RLAC_CQDET relation. The DBfrdtup() primitive returned DBRELNAME_BAD (invalid relation name), DBRESOURCE (database resource failure), DBSYS_ERR (database system error), or some other database error other than DBNO_MATCH.

Data Structures:

RLAC_CQDET. Key fields: ta_type, prefix, coin, ospsid, carrier.

25. ACCTDETF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An entry is missing in RC/V View 26.9 (OSPS ACD CALL TYPE) for a particular set of parameters for an incoming operator services position system (OSPS) toll and assistance call type. The RC/V field values for the keys are dumped. For non-decimal keys, the corresponding decimal value is dumped. If a non-decimal key is dumped as "XXX", there is a data dumping problem with the assert. The correct decimal value is dumped.

Data Structures:

RLAC_CTDET. Key fields: CALL ORIGIN, PREFIX, COIN, CARRIER, OSPS ID.

Action:

Use RC/V View 26.9 (OSPS ACD CALL TYPE) to insert an entry with the key values dumped. If an entry exists, there is a code error, base relation data population problem, or data split.

26. ACCTDETQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive returned failure when reading the RLAC_CQDET relation; the key could not be found.

Data Structures:

RLAC_CQDET. Key fields: prefix, carrier, ta_type, coin, ospsid. The prefix key is an enumeration of prefixed digits, carrier is an enumeration of carrier, ta_type is an enumeration of toll and assistance (T&A) call, coin is a boolean coin indicator, and ospsid is the operator services position system (OSPS) switch identifier 1-9999.

Action:

Use RC/V View 26.10 (OSPS ACD CALL TYPE) to search the RLAC_CQDET relation for a tuple with the keys printed. If no tuple is found, use RC/V to insert a tuple. If a tuple does exist, contact the product engineering control center (PECC) and write an initial modification request (IMR).

27. ACCWTPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TAPOSDB	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to get an rITAPOSDB tuple. An audit of the RLTAPOSDB relation is scheduled.

28. ACECTDDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The expanded call type determination relation RLAC_DESTX indicates an additional relation read which is erroneous.

Data Structures:

RLAC_DESTX. Key fields: ta_pcid (pre-call identifier), destx (destination index).

Action:

Use RC/V View 26.10 (OSPS ACD CALL TYPE) to search the RLAC_DESTX relation for a tuple with the keys printed. Examine the use_next field. The use_next field may be incorrectly set to DESTX, indicating the same relation. Or, it may be erroneously set to TGRP when the RLAC_TGRP relation was already read.

29. ACECTDTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The expanded call type determination relation RLAC_TGRP indicates an additional relation read which is erroneous.

Data Structures:

RLAC_TGRP. Key fields: ta_pcid (pre-call identifier), tgroup (trunk group number).

Action:

Use RC/V View 26.10 (OSPS ACD CALL TYPE) to search the RLAC_TGRP relation for a tuple with the keys printed. Examine the use_next field. The use_next field may be incorrectly set to TGRP, indicating the same relation. It may also be erroneously set to DESTX when the RLAC_DESTX relation was already read.

30. ACFDCBCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The count of automatic call distributor (ACD) call types served by an operator serving team is incorrect.

Data Structures:

RLSTINFO. Key field: serv_tm.

Action:

Contact the product engineering control center (PECC). Verify the operator services position system (OSPS) serving team to call type map for the indicated serving team. Use ODBE to update the rLSTINFO tuple for this team. Set the ct_count value equal to the sum of bits that are on in the verify view. Use ODBE on the AM and all SMs with OSPS positions.

31. ACFDCCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CTINFO	Audit Mode: elev

Problem:

The rHCCALLTQ tuple for the call type was not found, although the call type is equipped; that is, an rCTINFO tuple exists for the call type.

32. ACFDCCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Could not get the head call's call queue data block (CQDB) from the given rHCCALLTQ tuple. The rHCCALLTQ tuple is dumped.

33. ACFDCNEG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

A negative number of calls was encountered in a queue. The rHCCALLTQ tuple is dumped.

34. ACFDCNOCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rCTINFO tuple was not found for the operator services position system (OSPS) serving team call type given.

Data Structures:

RLCTINFO. Key fields: serving team, call type.

Action:

The indicated call type is not defined in the RLCTINFO relation, although the RLSTINFO relation indicates that the call type should be defined. Verify the OSPS serving team to call type map for the serving team indicated. The indicated call type's bit will be on. Insert this call type via RC/V, using this serving team. Then delete this same call type. Verify that call type's bit is now off in the OSPS serving team to call type map.

35. ACFDCNSST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The team lists queue is listed as a supporting queue in one of the sctmsk attributes in the RLSTINFO relation, but the queue does not list the team as a supporting team in one of the sup_tm attributes in the RLCTINFO relation.

Data Structures:

RLCTINFO, RLSTINFO.

Action:

Determine from administrators whether the team should be listed as a supporting team for this call type queue. If the team is a supporting team for this queue, use ODBE to update the RLCTINFO relation in all SMs and the AM to include this team in the supporting team list. Also, verify the supporting team's delay outflow threshold.

If the team is not a supporting team for this queue, use ODBE to turn off this queue's bit in the appropriate sctmsk attribute in the RLSTINFO relation for all processors listed in operator services position system (OSPS) group 2 [AM and all packet switching modules (PSMs)]. Verify that the attribute sct_count is equal to the count of bits that are on in all the sctmsk attributes. The sctmsk1 attribute refers to queues 1-32, sctmsk2 refers to queues 33-64, sctmsk3 refers to queues 65-96, and sctmsk4 refers to queues 97-128. The rightmost bit corresponds to the lowest numbered queue (for example, bit 0 in sctmsk2 corresponds to queue 33). After updates have been made and correct handling has been verified, backup the office dependent data (ODD). Notify the product engineering control center (PECC) of the problem.

36. ACFDSSPTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVTM	Audit Mode: elev

Problem:

The rIHCSERVTM tuple for the supporting serving team was not found. The serving team number is dumped. The AUHCSERVTM audit is scheduled.

37. ACFDSSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVTM	Audit Mode: elev

Problem:

Could not get the head serving team queue data block (STQDB) from the given rIHCSERVTM tuple's available list. The rIHCSERVTM tuple is dumped.

38. ACICLCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLHCCALLTQ relation. The rIHCCALLTQ tuple is dumped.

39. ACICLCTFO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLCTINFO. The rICTINFO tuple is dumped.

40. ACICLDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to automatic call distributor (ACD) when initializing the RLHCCALLTQ relation. The rIHCCALLTQ tuple is dumped.

41. ACICQCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CTINFO	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rIHCCALLTQ tuple. An audit of the RLCTINFO relation is scheduled.

42. ACICQCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLCQDB relation. The rICQDB tuple is dumped.

43. ACICQGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glcqdbx when the DBrfgparm() primitive was called from the ACincqdb() function in the file rta/ACrcv/ACincqdb.c.

44. ACICQGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glcqdbx when the DBrfgparm() primitive was called from the ACincqdb() function in the file rta/ACrcv/ACincqdb.c.

45. ACICQGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glcqdbx when the DBrfgparm() primitive was called from the ACincqdb() function in the file rta/ACrcv/ACincqdb.c.

46. ACICQGP4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glcqdbx when the DBrfgparm() primitive was called from the ACincqdb() function in the file rta/ACrcv/ACincqdb.c.

47. ACICQLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link an rICQDB tuple to the idle list in the RLHCCALLTQ relation. The rIHCCALLTQ tuple is dumped.

48. ACICTDLP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A looping of a call characteristic was detected in the flexible ACD call type determination feature function ACTa_factdet(). The operator request message (mgOP_REQ) is dumped containing the call characteristic

information causing the looping.

49. ACICTDRL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown relation name was used in the expanded call type determination feature function ACta_initdet(). The relname variable is dumped.

50. ACILGDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to automatic call distributor (ACD) when initializing the RLLOGINID relation. The rLOGINID tuple is dumped.

51. ACILGLOG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLLOGINID relation. The rLOGINID tuple is dumped.

52. ACILGOLGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLOLOGINID. The rLOLOGINID tuple is dumped.

53. ACIRQPST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when an operator conference or transfer request found the requested operator position in an unknown state.

54. ACIRQSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

A database failure occurred when retrieving the rISTQDB tuple associated with an rLOGINID tuple. A dynamic data inconsistency exists between these two relations.

55. ACISVDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to automatic call distributor (ACD) when initializing the RLHCSESVTM relation. The rLHCSESVTM tuple is dumped.

56. ACISVIFLW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find the rINTERFLW tuple for the serving team. The rSTINFO tuple is dumped.

57. ACISVISTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple from the RLST_PARM relation using the DBstfst() or DBstnxt() primitive. This assert is called in the file rta/ACrcv/ACinisvtm. The rIST_PARM tuple is dumped.

58. ACISVSTFO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLSTINFO. The rSTINFO tuple is dumped.

59. ACISVSTVM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the relation RLHCSESVTM. The rHCSESVTM tuple is dumped.

60. ACITGPCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

The serving team queue data block (STQDB) had an invalid processor number. The STQDB is dumped.

61. ACITQDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to automatic call distributor (ACD) when initializing the RLSTQDB relation. The rSTQDB tuple is dumped.

62. ACITQLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link a tuple to the unoccupied list in the RLHCSESVTM relation. The rHCSESVTM tuple is dumped.

63. ACITQPPRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLPOS_PORT. The rPOS_PORT tuple is dumped.

64. ACITQSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLSTQDB relation. The rISTQDB tuple is dumped.

65. ACITQSVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rIHCSERVTM tuple. An audit of the RLSTINFO relation is scheduled.

66. ACLGCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

A database failure occurred when logging out an operator that is currently claimed by an operator conference or transfer request. The DAGETCLLTQ() database macro failed to retrieve the rIHCCALLTQ tuple that is associated with a given rICQDB tuple.

67. ACLGLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

A database failure occurred when logging out an operator that was claimed by another operator requesting a conference or transfer. The linked call queue data block (rICQDB tuple) could not be retrieved for the given position data block (rISTQDB tuple) associated with the operator position being logged out.

68. ACLGNLOG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OLOGINID	Audit Mode: elev

Problem:

A database (DB) primitive could not find the requested rLOGINID tuple.

69. ACLGNMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to send the MGOALOG_ACK message failed. The return code from the OSSENDMSG() macro is dumped.

70. ACLGTDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from a dynamic access (DA) primitive was not expected. The return code is dumped.

71. ACLGTLOG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

A database (DB) primitive could not retrieve the rLOGINID tuple indicated in the serving team queue data block (STQDB).

72. ACLGTPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position state in the serving team queue data block (STQDB) is not an expected value. The rISTQDB tuple is dumped.

73. ACLGTSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive could not perform the requested action on a serving team queue data block (STQDB). The error code indicates a problem with the head cell. An audit of the RLHCSESRVTM relation is scheduled.

74. ACLGTSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSESRVTM	Audit Mode: elev

Problem:

A dynamic access (DA) primitive could not remove a serving team queue data block (STQDB) from the available list.

75. ACLOGDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator position type (pos_typ) found in the rIPOS_LPRT tuple is not OA_BST or OA_VDT. The rIPOS_LPRT tuple is dumped.

76. ACMTMDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rILPRT_POS tuple was not found using the DBfrdtup() primitive in the ACmsgtrans() function. The message and contents of the relation buffer are dumped.

77. ACMTMERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned with an error (OSELENGTH, OSENMOCNB, or CMerrs) when called from the ACmsgtrans() function. The message encountered trouble in reaching the position terminal process (PTP). The message and rPCBLA tuple are dumped.

78. ACMTMNOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The process control block link area (PCBLA) for this position incorrectly indicates that a terminal process exists. The PCBLA audit is scheduled, the message received and the rPCBLA tuple are dumped.

79. ACMTMNOW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The indicated port is an operator services position system (OSPS) position that has no owning terminal process. The PCBLA audit is scheduled and the received message is dumped.

80. ACMTQASTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

The DAGETSRVTM() macro failed to get the correct serving team head cell rHCSESRVTM tuple for the given rISTQDB tuple.

81. ACMTQCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) macro failed to obtain an rHCCALLTQ tuple. The rHCCALLTQ tuple is dumped.

82. ACMTQGCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Failed to get the head rICQDB tuple. An audit of the RLCQDB relation is scheduled.

83. ACMTQGSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

Failed to get the head rISTQDB tuple. An audit of the RLSTQDB relation is scheduled.

84. ACMTQLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Failed to find the rISTQDB tuple that is linked to the given rICQDB tuple.

85. ACMTQRCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to remove the head rICQDB tuple. The rICQDB tuple is dumped.

86. ACMTQRSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to remove the head rISTQDB tuple. The rISTQDB tuple is dumped.

87. ACMTQSVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) macro failed to obtain the rHCSERVMTM tuple. The rHCSERVMTM tuple is dumped.

88. ACNQRYCT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Unable to get the call_type value from the call queue head cell. The MGACDQRY message is dumped.

89. ACNQRYST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMTM	Audit Mode: elev

Problem:

Unable to get the serving team head cell. The MGACDQRY message is dumped.

90. ACNTRBGR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMTM	Audit Mode: elev

Problem:

An invalid return code was received when looking for the head of the available list of serving teams. The AUHCSERVMTM audit is scheduled. The rHCSERVMTM tuple is dumped.

91. ACNTRINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason for the creation or initialization of the intraflow system process was encountered.

92. ACNTRSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMTM	Audit Mode: elev

Problem:

The automatic call distributor (ACD) intraflow scanning system process found a tuple for the serving team in the static relation RLSTINFO, but not in the dynamic relation RLHCSERVMTM. The AUHCSERVMTM audit will be run. The rLSTINFO tuple is dumped.

93. ACOCNPCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The serving team queue data block (STQDB) had an invalid processor number. The STQDB is dumped.

94. ACORANCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred when reading the RLCTINFO relation using the call_type key.

95. ACORNISF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data base read failure occurred while attempting to read an rINTERFLW tuple using the serving team as the key.

96. ACORNIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

A tuple was not found in the static relation RLINTERFLOW for the serv_tm key. The serv_tm value was obtained from the RLCTINFO relation.

Data Structures:

RLINTERFLW.

Action:

Use RC/V (or ODBE, if necessary) to verify that a tuple exists in both the RLSTINFO and RLINTERFLW relations with the serv_tm key. If the rISTINFO tuple exists and the rINTERFLW tuple does not exist, there is a problem with recent change. If the rISTINFO tuple does not exist, verify that the RLCTINFO relation (key = call_type) does not reference an undefined serv_tm.

97. ACORNOCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

No rICTINFO tuple was found for the call_type key. A database inconsistency exists between the RLSTINFO relation and the RLCTINFO relation, or between the RLAC_TKCT and RLCTINFO relations.

Data Structures:

RLCTINFO. Key field: call_type.

Action:

Search the RLCTINFO relation for a tuple with the call_type key. If no tuple is found, use RC/V to insert a tuple. If a tuple exists, write an initial modification request (IMR).

98. ACORRRER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACop_req() function received a call that should have been rerouted. Verify the following conditions in the MGOP_REQ message: (1) The request type is either AC_NORMAL or AC_NORMNOANN. (2) Reroute is active for this team (RLinterflw.rr_on==DBYES). (3) The oa_optype value is OSPSDA, or the ta_type value is either OATDA2VDT, OATNIT, OASRV_DAOT or OASRV_TAOT.

99. ACORUNKR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACop_req() function detected an unknown request type in the MGOP_REQ message.

100. ACOSNOIF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

The ACopstatus() function received a MGPOS_STAT message for a position.

Data Structures:

RLIST_PARM. Key field: iserv_tm. RLPOS_PORT. Key field: posnum.

Action:

Use ODBE for the RLIST_PARM relation to determine if the interflow that the position (pos_type=OA_INT) is assigned to is a defined interflow destination (iserv_tm).

101. ACOSNOIH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVTM	Audit Mode: elev

Problem:

Could not find the rIHCSERVTM tuple for the interflow team indicated in the MGPOS_STAT message, although the interflow serving team is equipped (that is, an rLIST_PARM tuple exists). An audit is scheduled to verify the dynamic data.

102. ACOSTNOST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

An operator services position system (OSPS) operator ID was assigned to an undefined serving team.

Data Structures:

RLOLOGINID. Key fields: operator ID, serving team.

Action:

Use RC/V View 21.4 (OPERATOR ASSIGNMENT) to change the operator ID's team to one that is defined.

103. ACOSTSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

Could not find an rIHCSERVTM tuple for the team indicated in the MGPOS_STAT message, although the serving team is equipped (that is, an rSTINFO tuple exists). The serving team queue data block (STQDB) for the position indicated in the message is dumped.

104. ACOSTSTQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not get the serving team queue data block (STQDB) for the position indicated in the MGPOS_STAT

message. The MGPOS_STAT message is dumped.

105. ACPCWMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to send the MGOACALLWT message failed. The return code from the OSSENDMSG() macro is dumped.

106. ACPCWNOW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The indicated port is an operator services position system (OSPS) position that has no owning terminal process. The PCBLA audit is scheduled. The MGOACALLWT message is dumped.

107. ACPCWPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: POSDB	Audit Mode: elev

Problem:

A database (DB) primitive failed to get an rIPOSDB tuple. An audit of the RLPOSDB relation is scheduled.

108. ACPCWPRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLPOS_LPRT. The rIPOS_LPRT tuple is dumped.

109. ACPSANST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred when reading the RLSTINFO relation using the key serv_tm.

110. ACPSAOCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the ACconn() function.

111. ACPSASTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVTM	Audit Mode: elev

Problem:

Could not get the head of the serving team's available list. The rIHCSERVTM tuple is dumped.

112. ACPSNOST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

*Problem:

A database read failure occurred when reading the RLSTINFO relation using the serv_tm (serving team) key. The serving team value was originally determined from the RLLOGINID relation in the SM.

There may be a data inconsistency between the RLLOGINID and RLSTINFO relations. That is, the serving team value in the RLLOGINID relation for a given external operator ID is incorrect and an entry does not exist in the RLSTINFO relation.

Another possibility is that the data in the SM dynamic relation RLPOSDB is corrupted.

Data Structures:

RLSTINFO. Key field: serv_tm.

Action:

Search the RLSTINFO relation for a tuple with the serving team value as the key. Check the AM and SM occurrences of this relation. Examine each rLOGINID tuple to verify that the serving team value in each tuple has a corresponding rSTINFO tuple. The output serving team value should occur at least once in the RLLOGINID relation and only once in the RLSTINFO relation.

The valid range of the serving team is currently 1-128 decimal. If the serving team value is within the range and an rLOGINID tuple exists, but an rSTINFO tuple does not exist, there is a data inconsistency. Audits should have detected and corrected this problem and recent change should not have allowed this situation. Use RC/V to insert an rSTINFO tuple for the given serving team. Contact the product engineering control center (PECC) and resolve the problem with audits and recent change.

If the rLOGINID and rSTINFO tuples exist, either a code error or data corruption occurred in the SM dynamic relation RLPOSDB. Contact the PECC and write an initial modification request (IMR).

113. ACPTLPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: POSDB	Audit Mode: elev

Problem:

A database (DB) primitive failed to get an rIPOSDB tuple. An audit of the RLPOSDB relation is scheduled.

114. ACPTLPRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLPOS_LPRT. The rIPOS_LPRT tuple is dumped.

115. ACPTLSTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the static relation RLSTINFO. The rSTINFO tuple is dumped.

116. ACPTLTDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) macro failed to get an rITAPOSDB tuple. The rIPOS_LPRT tuple was used to get the rITAPOSDB tuple.

117. ACPTMNOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The process control block link area (PCBLA) for this position incorrectly indicates that a terminal process exists. The PCBLA audit is scheduled.

118. ACPTMNOW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The indicated port is an operator services position system (OSPS) position that has no owning terminal process. The PCBLA audit is scheduled. The MGPOSTRMRQ message is dumped.

119. ACPTMNPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACoprftfail() function returned failure to the ACpos_term() function after the ACpos_term() function could not send the MGPOSTRMRQ message to the position's position terminal process (PTP) because of an OSSENDMSG() macro failure.

120. ACPTMNWR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACoprftfail() function returned failure to the ACpos_term() function after the ACpos_term() function failed to find an owning process for the operator position indicated in the MGPOSTRMRQ message.

121. ACPTSPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: POSDB	Audit Mode: elev

Problem:

A database (DB) primitive failed to get an rIPOSDB tuple. An audit of the RLPOSDB relation is scheduled.

122. ACPTSPRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLPOS_LPRT. The rIPOS_LPRT tuple is dumped.

123. ACQCLCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive could not perform the requested action on a call queue data block (CQDB). The error code indicates a problem with the head cell. An audit of the RLHCCALLTQ relation is scheduled.

124. ACQCLCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive could not perform the requested action on a call queue data block (CQDB). The error code indicates a problem with the RLCQDB relation. An audit of the RLCQDB relation is scheduled.

125. ACQCLDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from a dynamic access (DA) primitive was not expected. The return code is dumped.

126. ACQCLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

A failure occurred when queuing an operator conference or transfer request. Could not link the associated rISTQDB and rICQDB tuples.

127. ACQRFNCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

A read for the rICTINFO tuple found no match for the call type. A data error exists in the vector that references the call type, or the RLCTINFO relation is out of date and must be updated.

Data Structures:

RLCTINFO.

Action:

No rICTINFO tuple was found for the call_type key. The ROP output provides the call_type value (the decimal value for the call type specified in the vector), and the vector value (the vector that was assigned to the dialed digits and/or trunk group associated with the call).

A GOTOQUE, GOTOAGE, or GOTODLY vector step referenced a non-existent call type; that is, a call type that does not have an rICTINFO tuple. If the call type was not set up, use RC/V View 21.22 (CALL TYPE) to insert the call type. Otherwise, update the vector so that it no longer references the call type by using RC/V View 21.41 (CALL VECTORS).

The offending GOTOQUE, GOTOAGE, or GOTODLY step may not be in the vector identified in the ROP message. The vector number reported is the one that was assigned to the call's dialed digits and/or trunk group. This initial vector may branch (or be redirected) to the vector containing the GOTO step. Thus, some searching of the vectors may be needed. Until corrective steps can be taken, the assigned vector can be de-activated by setting the ACTIVATE field to N on RC/V View 21.41.

128. ACQRFNST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

A read for the rLSTINFO tuple found no match for the serving team. A data error exists in the vector that references the serving team, or the RLSTINFO relation is out of date and must be updated.

Data Structures:

RLSTINFO.

Action:

No rISTINFO tuple was found for the serv_tm key printed on the ROP. The ROP output provides the serv_tm value (the decimal value for the serving team specified in the vector), and the vector value (the vector that was assigned to the dialed digits and/or trunk group associated with the call).

A GOTOAVL or a GOTOSTA vector step referenced a non-existent serving team; that is, a team that does not have an rISTINFO tuple. If the serving team was not set up, use RC/V View 21.2 (SERVING TEAM) to insert the team. Otherwise, update the vector so that it no longer references the team. Use RC/V View 21.41 (CALL VECTORS) to correct the offending vector.

The offending GOTOAVL or GOTOSTA step may not be in the vector identified in the ROP message. The vector number reported is the one that was assigned to the call's dialed digits and/or trunk group. This initial vector may branch (or be redirected) to the vector containing the GOTO step. Thus, some searching of the vectors may be needed. Until corrective steps can be taken, the assigned vector can be de-activated by setting the ACTIVATE field to N on RC/V View 21.41.

129. ACQRYCTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Unable to get the call_type value from the call queue head cell. The MGACDQRY message is dumped.

130. ACQRYNCT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Unable to get the call_type from the call queue head cell. The MGACDQRY message is dumped.

131. ACQRYNST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMT	Audit Mode: elev

Problem:

Unable to get the serving team head cell. The MGACDQRY message is dumped.

132. ACQRYWQT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The query reason was wrong for the query invoked. The MGACDQRY message is dumped.

133. ACQXCQDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Could not get the owner of the call queue data block (CQDB). The MGQUE_XFR message is dumped.

134. ACQXFRCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Could not get the call queue head cell from the call queue data block (CQDB). The MGQUE_XFR message is

dumped.

135. ACQXNOCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

A read for the rICTINFO tuple found no match for the call_type. A data error exists in the vector in which the queue transfer exists, or the RLCTINFO relation is out of date and must be updated.

Data Structures:
RLCTINFO.

Action:

No rICTINFO tuple exists for the CALL_TYPE key specified in the destq value. The ROP output provides the destq value (a decimal value for the queue/call type into which a call was to be transferred), and the vector value (the vector that was assigned to the dialed digits and/or trunk group associated with the call).

A vector QUEUE step is referencing a non-existent queue (that is, no rICTINFO tuple exists for the queue). If the queue was not set up, populate the corresponding rICTINFO tuple by using RC/V View 21.22 (CALL TYPE).

However, if the queue should not have been setup, then the vector is in error and must be corrected. The offending QUEUE step may not be in the vector identified in the ROP message. The vector number reported is the one that was assigned to the call's dialed digits and/or trunk group. This initial vector may branch (or be redirected) to the vector containing the QUEUE step. Thus some searching of the vectors may be needed. Until corrective steps can be taken, the assigned vector can be de-activated by setting the ACTIVATE field to N on RC/V View 21.41 (CALL VECTORS).

136. ACRCTDER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in the ACta_recalldet() function for recall call type determination. The call class value is incorrect and is dumped.

137. ACRCTDIF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in the ACta_recalldet() function. Initial call type determination was not performed on an interflowed recall; therefore, recall call type determination cannot be performed.

138. ACREQBFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the ACfindserv() function.

139. ACREQBIR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the ACintgrty() function.

140. ACREQCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CTINFO	Audit Mode: elev

Problem:

Could not find the rHCCALLTQ tuple for the call type indicated in the MGOP_REQ message, although the call type is equipped (that is, an rICTINFO tuple exists). The MGOP_REQ message is dumped.

141. ACREQCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Could not get the head call's call queue data block (CQDB) from the given rHCCALLTQ tuple. The rHCCALLTQ tuple is dumped.

142. ACREQIFH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMTM	Audit Mode: elev

Problem:

The rHCSERVMTM tuple for the interflow serving team indicated in the MGOP_REQ message was not found, although the interflow serving team is equipped (that is, an rLIST_PARM tuple exists). The valid range of values for the serving team is 129-144. The MGOP_REQ message is dumped.

143. ACREQIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

An undefined interflow serving team was encountered. The valid range of serving team values is 129-144. This assert fires when a call has attempted to be interflowed to an OSPS operator at another distant location, and it was not successful due to this problem. The attempted call is sent to REORDER - THE CALL IS LOST. Immediate attention should be given to fixing this problem.

Data Structures:

RLIST_PARM. Key field: iserv_tm. RLINTERFLW. Key field: serv_tm.

Action:

Use ODBE to verify that an rLIST_PARM tuple exists. If the interflow serving team is not defined in the RLIST_PARM relation, there is a data inconsistency with the RLINTERFLW relation. That is, the RLINTERFLOW relation references an undefined interflow serving team (iserv_tm). Use ODBE to do a BATCH REVIEW of both relations, IST_PARM and INTERFLW. If a IST_PARM tuple associated with the interflow serving team (iserv_tm) printed on the ROP for this assert does not exist, then use ODBE to modify the INTERFLW relation. Modify INTERFLW by changing the tuple which has the "iserv_tm" item equal to the one identified on the ROP. This tuple should be modified so that the "iserv_tm" item points to the correct IST_PARM tuple.

144. ACREQNEG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

A negative number of calls was found in a queue.

145. ACREQNOCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

The rICTINFO tuple for the call type indicated in the MGOP_REQ message does not exist.

Data Structures:

RLCTINFO. Key field: call_type.

Action:

Verify that the rICTINFO tuple with the stated key exists. The AM and SM should be consistent.

146. ACREQNOST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

An rISTINFO tuple does not exist for the operator services position system (OSPS) call type and serving team given.

Data Structures:

RLCTINFO. Key fields: call type, serving team.

Action:

The serving team indicated is not defined in the RLSTINFO relation, although the RLCTINFO relation indicates that the serving team should be defined. Change the OSPS call type information so that this call type is served by a defined serving team.

147. ACREQNST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

A database read of the RLSTINFO relation using the key serv_tm failed.

148. ACREQSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

Could not find the rHCSESRVT tuple for the serving team indicated in the MGOP_REQ message, although the serving team is equipped (that is, an rISTINFO tuple exists). The MGOP_REQ message is dumped.

149. ACRFANST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred when reading the RLSTINFO relation using the key serv_tm.

150. ACRFNOST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

A database (DB) read failure occurred when reading the RLSTINFO relation using the serv_tm (serving team) key.

Data Structures:

RLSTINFO. Key field: serv_tm.

Action:

Search the RLSTINFO relation in the AM and in this SM for a tuple with the given serving team key value. If a tuple is found in the AM, but not in the SM, a data inconsistency exists. The system audits should have detected and corrected this problem and recent change should not have allowed this to happen. Use RC/V to correct the RLSTINFO relation in the SM and contact the product engineering control center (PECC) to determine why this condition occurred.

If an RLSTINFO tuple exists in the SM or does not exist in both the AM and SM, or the serving team value is out of range (1-128), write an initial modification request (IMR) or contact the PECC to resolve this problem.

151. ACRIVLGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

A database (DB) read of the RLOLOGINID relation failed using the key op_id. The op_id was converted from the BCD4 value found in the rIDAA_DN tuple. There is a data inconsistency between the rIDAA_DN tuple and the RLOLOGINID relation.

Data Structures:

RLOLOGINID.

Action:

On the CMP and SM, search the RLOLOGINID relation for a tuple with the op_id value printed on the ROP as the key. If a tuple is found in the SM but not in the CMP, this is a data inconsistency indicating a problem with recent change (RC). Contact the product engineering control center (PECC).

If the tuple does not exist in either the CMP or SM, there is a code error. Write an initial modification request (IMR) or contact the PECC to resolve this problem.

152. ACRMCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive could not perform the requested action for a call queue data block (CQDB). The error code indicates a problem with the RLHCCALLTQ relation. An audit of the RLHCCALLTQ relation is scheduled.

153. ACRMCCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Attempted to remove a call queue data block (CQDB) from membership with the RLHCCALLTQ relation, but the dynamic access (DA) primitive indicated that the set was empty. The return code indicates a problem with the RLCQDB relation.

154. ACRMADB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from a dynamic access (DA) primitive was not expected. The return code is dumped.

155. ACRMCLLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

When removing an interposition operator conference or transfer from the call queue, the claim linkage failed to be unlinked. The DBunlink() dynamic database primitive returned a value of DBNO_LINK.

156. ACRMCLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When removing an interposition operator conference or transfer from the call queue, the DBunlink() primitive failed to unlink the claim linkage between the rICQDB and rISTQDB tuples.

157. ACRMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send the MGCLAIM message from automatic call distributor (ACD) in the AM to the SM routing and terminal allocation (RTA) system process.

158. ACSCTCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CTINFO	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rIHCCALLTQ tuple.

159. ACSCTDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) primitive used to read the RLSTINFO relation failed. The return code is dumped.

160. ACSFCNLOG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find an rLOGINID tuple for a new login ID. The MGPOS_STAT message is dumped.

161. ACSFCOLOG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

Could not get an rLOGINID tuple for an old login ID. The serving team queue data block (STQDB) of the position is dumped.

162. ACTIFIUTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVMT	Audit Mode: elev

Problem:

Could not find the rHCSESVTM tuple on an insert or update of an rINTERFLW tuple.

163. ACTISTSVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) macro failed to obtain the rHCSESVTM tuple for an interflow serving team. The rHCSESVTM tuple is dumped. This assert was called from the file rta/ACrcv/ACTiservtm.c.

164. ACTLGDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default case of a switch statement with four values for the pos_state attribute in the RLSTQDB relation was encountered. The rISTQDB tuple is dumped.

165. ACTLGDLGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a tuple in the RLLOGINID relation. The rLOGINID tuple is dumped.

166. ACTLGERRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid case on a switch statement was encountered. An operator must be logged off for an allowable update. If the pos_state attribute of the rISTQDB tuple is ACAVAILABLE, an error has occurred. The rISTQDB and rLOGINID tuples are dumped.

167. ACTLGILGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LOGINID	Audit Mode: elev

Problem:

Failed to insert a tuple in the RLLOGINID relation. An audit of the RLLOGINID relation is scheduled.

168. ACTLGLGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OLOGINID	Audit Mode: elev

Problem:

A database (DB) primitive failed to get an rLOGINID tuple. An audit of the RLLOGINID relation is scheduled.

169. ACTLGRSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to remove an rISTQDB tuple. The rISTQDB tuple is dumped.

170. ACTLGSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: POSPORT	Audit Mode: elev

Problem:

A database (DB) primitive failed to get an rISTQDB tuple. An audit of the RLPOSPORT relation is scheduled.

171. ACTLGSVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rHCSERVTM tuple. An audit of the RLSTINFO relation is scheduled.

172. ACTLGTSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive failed to get an rISTQDB tuple. The rISTQDB tuple is dumped.

173. ACTPECL1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

The dynamic access (DA) macro failed to obtain an rIHCCALLTQ tuple when the macro was called from the ACtctype() function in the file rta/ACrcv/ACtctype.c. An audit of the RLHCCALLTQ relation is scheduled.

174. ACTPECL2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

The dynamic access (DA) macro failed to obtain an rIHCCALLTQ tuple when the macro was called by the ACtctype() function in the file rta/ACrcv/ACtctype.c. An audit of the RLHCCALLTQ relation is scheduled.

175. ACTPECL3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

The dynamic access (DA) macro failed to obtain an rIHCCALLTQ tuple when the macro was called from the ACtctype() relation in the file rta/ACrcv/ACtctype.c. An audit of the RLHCCALLTQ relation is scheduled.

176. ACTPECLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) macro failed to obtain an rIHCCALLTQ tuple. The rIHCCALLTQ tuple is dumped.

177. ACTPECQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Failed to insert an rICQDB tuple when the DBfintup() primitive was called from the ACtctype() function in the file

rta/ACrcv/ACtctype.c. The rICQDB tuple is dumped. An audit of the RLCQDB relation is scheduled.

178. ACTPEGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glcqdbx when the DBrfgparm() primitive was called from the ACtctype() function in the file rta/ACrcv/ACtctype.c.

179. ACTPEGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glcqdbx when the DBrfgparm() primitive was called from the ACtctype() function in the file rta/ACrcv/ACtctype.c.

180. ACTPEICLQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Failed to insert a tuple in the RLHCCALLTQ relation. An audit of the RLHCCALLTQ relation is scheduled.

181. ACTPELNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

Failed to link an rICQDB tuple to the idle list in the RLHCCALLTQ relation in the ACtctype() function in the file rta/ACrcv/ACtctype.c. The rIHCCALLTQ tuple is dumped. An audit of the RLHCCALLTQ relation is scheduled.

182. ACTPTDSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete the rISTQDB tuple. The rISTQDB tuple is dumped.

183. ACTPTISTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

Failed to insert a tuple in the RLSTQDB relation. An audit of the RLSTQDB relation is scheduled.

184. ACTPTLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link the rISTQDB tuple to the unoccupied list. An audit of the RLSTQDB relation is scheduled.

185. ACTPTSTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive failed to get an rISTQDB tuple. The rISTQDB tuple is dumped.

186. ACTPTSVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rHCSESVTM tuple. An audit of the RLSTINFO relation is scheduled.

187. ACTPTUNLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to unlink the rISTQDB tuple from the unoccupied list. The rISTQDB tuple is dumped.

188. ACTSTSVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) macro failed to obtain an rHCSESVTM tuple. The rHCSESVTM tuple is dumped.

189. ACTSTUSTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSESVTM	Audit Mode: elev

Problem:

Could not get the rHCSESVTM tuple for the serving team on an update of an rSTINFO tuple. The rHCSESVTM tuple is dumped. The HCSESVTM audit is scheduled.

190. ACUPDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid addition of a serving team queue data block (STQDB) to a new team's rHCSESVTM tuple occurred. The STQDB is dumped.

191. ACUPDRS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid remove of an rISTQDB tuple from the old team's rHCSESVTM tuple occurred. The rISTQDB tuple is dumped.

192. ACUPDSRVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STINFO	Audit Mode: elev

Problem:

The rHCSESVTM tuple for the serving team indicated in the MGPOS_STAT message is unequipped. The MGPOS_STAT message is dumped.

Range: ama**1. AMAICRFULL (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The table maximum size was exceeded for the intercom calling restriction table.

2. AMAINVTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid timer fired in the automatic message accounting (AMA) system process.

3. AMASETIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to an operating system (OS) timer primitive.

4. AMBADDTRIG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AMddtrig() function was called with trigger data for a case that is not supported.

5. AMBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process received an unexpected message.

6. AMBADRTBM (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AMA real-time call detail code encountered corrupted data in the real time billing memory (RTBM). An attempt will be made to fix the problem. RTCD records may be lost during this recovery procedure. The first data item is the current four-byte SM sequence number, followed by the four-byte SM sequence number of the last RTCD record transmitted. The second data item is the first portion of the next record to be transmitted.

7. AMBADSCFAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid structure code family was found.

8. AMBCGDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) used the DAgetbgcnt() primitive to read an rBCLGCNT tuple. The tuple returned did not match what was expected.

Data Structures:

RLBCLGCNT. Key field: grpidx.

Action:

The AUBCLLCNT audit will be scheduled to run.

9. AMBCGFDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

A dynamic rBCLGCNT tuple could not be deleted using the DBfdltup() function. Bulk calling line identification (BCLID) may be affected.

Data Structures:

RLBCLGCNT. Key field: grpidx.

Action:

The AUBCLGCNT audit will be scheduled to run.

10. AMBCGFIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

A failure occurred while inserting a dynamic rBCLGCNT tuple using the DBfintup() primitive for daily local area signaling services (LASS) bulk calling line identification (BCLID) billing.

Data Structures:

RLBCLGCNT. Key field: grpidx.

Action:

The AUBCLGCNT audit will be scheduled to run.

11. AMBCGFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() function while trying to read a dynamic rBCLGCNT tuple. AMA data cannot be collected for this local area signaling services (LASS) bulk calling line identification (BCLID) subscriber.

Data Structures:

BLBCLGCNT. Key field: grpidx.

Action:

The AUBCLGCNT audit will be scheduled to run.

12. AMBCGFUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

Failed to update a dynamic rBCLGCNT tuple using the DBfuptup() function.

Data Structures:

RLBCLGCNT. Key field: grpidx.

Action:

The AUBCLGCNT audit will be scheduled to run.

13. AMBCGSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstfst() function while trying to read the first rBCLGCNT tuple. This will prohibit the collection of AMA data for bulk calling line identification (BCLID) subscribers.

Data Structures:

RLBCLGCNT. Key field: grpidx.

Action:

The AUBCLGCNT audit will be scheduled to run.

14. AMBCGSTNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLGCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstnxt() function while trying to read the next dynamic rBCLGCNT tuple. The AMbcgclct() function will not be able to collect AMA data for remaining bulk calling line identification (BCLID) subscribers until audits find and correct the problem.

Data Structures:

RLBCLGCNT. Key field: grpidx.

Action:

The AUBCLGCNT audit will be scheduled to run.

15. AMBCLDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) used the DAgetblcnt() primitive to read a rBCLLCNT tuple. The tuple returned did not match what was expected.

Data Structures:

RLBCLLCNT. Key field: bcl_idx.

Action:

The AUBCLLCNT audit will be scheduled to run.

16. AMBCLFDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:

A dynamic rBCLLCNT tuple could not be deleted using the DBfdltup() function. Bulk calling line identification (BCLID) may be affected.

Data Structures:

RLBCLLCNT. Key field: bcl_idx.

Action:

The AUBCLLCNT audit will be scheduled to run.

17. AMBCLFIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:

A failure occurred while inserting a dynamic rBCLLCNT tuple using the DBfintup() primitive for daily local area signaling services (LASS) bulk calling line identification (BCLID) billing.

Data Structures:

RLBCLLCNT. Key field: bcl_idx.

Action:

The AUBCLLCNT audit will be scheduled to run.

18. AMBCLFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() function while trying to read a dynamic rBCLLCNT tuple. AMA data cannot be collected for this local area signaling services (LASS) bulk calling line identification (BCLID) subscriber.

Data Structures:

RLBCLLCNT. Key field: bcl_idx.

Action:

The AUBCLLCNT audit will be scheduled to run.

19. AMBCLFUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:

Failed to update a dynamic rBCLLCNT tuple using the DBfuptup() function.

Data Structures:

RLBCLLCNT. Key field: bcl_idx.

Action:

The AUBCLLCNT audit will be scheduled to run.

20. AMBCLSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstfst() function while trying to read the first rBCLLCNT tuple. This will prohibit the collection of AMA data for bulk calling line identification (BCLID) subscribers.

Data Structures:
RLBCLLCNT. Key field: bcl_idx.

Action:
The AUBCLLCNT audit will be scheduled to run.

21. AMBCLSTNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLCNT	Audit Mode: elev

Problem:
Automatic message accounting (AMA) received a failure return code from the DBstnxt() function while trying to read the next dynamic rBCLLCNT tuple. The AMbclclct() function will not be able to collect AMA data for remaining bulk calling line identification (BCLID) subscribers until audits find and correct the problem.

Data Structures:
RLBCLLCNT. Key field: bcl_idx.

Action:
The AUBCLLCNT audit will be scheduled to run.

22. AMBCSTFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An attempt to broadcast the tracer collect message failed.

23. AMBCSTINUSE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
During an attempt to broadcast the tracer collect message, the dedicated broadcast buffer for automatic message accounting (AMA) was in use.

24. AMCNAMDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ICLIDIDX	Audit Mode: elev

Problem:
Automatic message accounting (AMA) used the DAGtcnmdat() primitive to read an rLCNAMDATA tuple. The tuple returned did not match what was expected. The AUICLIDIDX audit will be scheduled to recover the RLCNAMDATA relation dynamic data billing tuple.

25. AMCNAMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A calling name (CNAM) database error occurred.

26. AMCNAMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A calling name (CNAM) billing error occurred.

27. AMCNAMFDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CNAMDATA	Audit Mode: elev

Problem:

A dynamic rCNAMDATA tuple could not be deleted using the DBfdltup() function. Daily analog calling name delivery (CND) billing may be affected. The AUCNAMDATA audit will be scheduled to recover the RLICLIDIDX relation static data tuple.

28. AMCNAMFIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ICLIDIDX	Audit Mode: elev

Problem:

A failure occurred while inserting a dynamic rCNAMDATA tuple using the DBfintup() primitive during initialization using the RLICLIDIDX relation. The AUICLIDIDX audit will be scheduled to recover the rCNAMDATA tuple of billing data.

29. AMCNAMFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ICLIDIDX	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() function while trying to read a dynamic rCNAMDATA tuple. AMA data cannot be collected for this calling name (CNAM) subscriber. The AUICLIDIDX audit will be scheduled to recover the RLCNAMDATA relation dynamic data billing tuple.

30. AMCNAMFUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update a dynamic rCNAMDATA tuple using the DBfuptup() function.

31. AMCNAMINT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A calling name (CNAM) billing internal error occurred.

32. AMCNAMUFUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CNAMDATA	Audit Mode: elev

Problem:

Failed to update a dynamic rCNAMDATA tuple using the DBfuptup() function. The AUCNAMDATA audit will be scheduled to recover the RLICLIDIDX relation static data tuple.

33. AMCNDDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) used the DAGtcnddat() primitive to read an rICNDDATA tuple. The tuple returned did not match what was expected.

34. AMCNDFDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic rICNDDATA tuple could not be deleted using the DBfdltup() function. Daily calling number delivery (CND) billing may be affected.

35. AMCNDFIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a dynamic rICNDDATA tuple using the DBfintup() function for daily local area signaling services (LASS) called number delivery (CND) billing.

36. AMCNDFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() function while trying to read a dynamic rICNDDATA tuple. AMA data cannot be collected for this local area signaling services (LASS) incoming call line identification (ICLID) calling number delivery (CND) subscriber.

37. AMCNDFUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update a dynamic rICNDDATA tuple using the DBfuptup() function.

38. AMCNDSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstfst() function while trying to read the first dynamic rICNDDATA tuple. This will prohibit the 24 hour collection of AMA data for incoming call line identification (ICLID) calling number delivery (CND) subscribers.

39. AMCNDSTNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstnxt() function while trying to read the next dynamic rICNDDATA tuple. The AMcndclct() function will not be able to collect AMA data for remaining incoming call line identification (ICLID) calling number delivery (CND) subscribers until audits find and correct the problem.

40. AMCNMSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstfst() function while trying to read the first dynamic rICNAMDATA tuple. This will prohibit the 24 hour collection of AMA data in the AMcnamclct() function for calling name delivery (CND) subscribers.

41. AMCNMSTNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the DBstnxt() function while trying to read the next dynamic rICNAMDATA tuple. The AMcnamclct() function will not be able to collect AMA data for remaining calling name delivery (CND) subscribers until the scheduled audit AUICLIDIDX finds and corrects the problem.

42. AMCPIVSEMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM billing system process AMCP received an invalid MGSENTRY message from an SM.

43. AMCPNBNCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LINE	Audit Mode: elev

Problem:

An error occurred in attempting to access (read or write) the RLCPNBNCNT relation. The AUIS_LINE audit will be scheduled to recover the dynamic tuple of calling party number (CPN)/billing number (BN) event counts.

44. AMCPRECSLOST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM billing system process AMCP lost automatic message accounting (AMA) entries. The shared data segment (SDS) is full, or the SDS pointers are invalid.

If this assert appears more than once, all AMA disk partitions are at 100% occupancy, the AMA disk writer process stopped, or the bit indicating AMsdsfull was set incorrectly.

Action:

1. Examine the ROP output to determine if the AMA disk partitions are full.
2. If all AMA partitions are full, the critically alarmed "REPT AMA DISK STORAGE IS 100% FULL" message prints every fifteen minutes. The "REPT AMA DISKSDS FULL" message will print once all three SDS subsegments are full. Verify disk occupancy by using the input message OP:AMA:DISK.
3. If the disks are full, OP:AMA:DISK will report 100% full.
4. To alleviate the problem of partitions being 100% full, write AMA tapes or teleprocess enough AMA data off the disks so that the AMA disk writer process can be automatically restarted by the application integrity monitor (AIM).
5. If the AMA partitions are not 100% full, the AMA disk writer process may have stopped. Execute the OP:AMA:STATUS message. If more than one of the SDS segments are full, then the disk writer has stopped. If no

segment is full, monitor the SDS subsegments until one is full. Once a segment fills, it should empty (the status changes from FULL to EMPTY in the output message), and the time returned by the REPT AMA STATUS output message should change to the present time.

6. Otherwise, ensure the integrity of the AMA disk writer by entering "INIT:AM,AMDW{1,2},FPI" to initialize the disk writer on the appropriate stream, ST1 or ST2.

7. If the disks are not 100% full and the AMA disk writer process has not stopped, then the AMsdsfull bit was set incorrectly. Execute a single process purge (SPP) of the AMCP process using "INIT:AM,SPP" with PID=22.

45. AMCPSQSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The status query state variable AMsqstate of the AM billing system process AMCP is out of range.

46. AMCPTSPSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM billing system process AMCP detected severe problems in its interface with the automatic message accounting (AMA) disk writer kernel process. AMCP sent a message to the application integrity monitor (AIM) to purge the disk writer.

47. AMCPTRSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The tracer state variable AMtrstate of the AM billing system process AMCP is out of range.

48. AMCPWRSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The write request state variable AMwrstate of the AM billing system process AMCP is out of range.

49. AMCWPTRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication while attempting to read an rICW_PORT tuple using the DBfrdtup() primitive.

50. AMDNWATSFALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBSYS_ERR was returned from an attempted insert of an rIDNINWATS tuple.

Data Structures:

RLDNINWATS.

Action:

Report to craft for possible corruption of the RLDNINWATS relation.

51. AMEDSLFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() primitive while trying to access an rIEDSLTRKG tuple in the AMpcnfmt() function. The tuple is being accessed to obtain a billing directory number (DN). PCN-PRI billing will be affected.

52. AMEDSLNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the next rPCNAM tuple using the DBstnxt() function. Daily billing records for CNAM-PRI feature.

53. AMEDSLSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the first rIEDSLTRKG tuple using the DBstfst() function. Daily billing records for CNAM-PRI feature.

54. AMFCAXIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call accounting formatting function has returned without generating a call accounting record.

Probable Cause:

A billing formatting algorithm is incorrect.

Action:

This problem should be escalated to field support.

55. AMFCCNMFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() primitive while trying to access an rIFC_LINE tuple in the AMcnamdn() function. The tuple is being accessed to obtain a calling name (CNAM) billing directory number (DN). CNAM billing will be affected.

56. AMFCLNFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() primitive while trying to access an rIFC_LINE tuple.

57. AMFRDMHTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLMHTG	Audit Mode: elev

Problem:

Automatic message accounting (AMA) received a failure indication from the DBfrdtup() primitive while trying to read a dynamic rBCL_MHTG tuple.

Data Structures:

RLBCL_MHTG. Key fields: grpnum, grptype.

Action:

The AUBCLMHTG audit will be scheduled to run.

58. AMFRDTUPFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple that defines the loaded SM could not be found in the RLSMCONF relation.

59. AMICIXNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get an rLICLIDIDX tuple using the DBstnxt() function. Local area signaling services (LASS) called number delivery (CND) 24 hour billing may be affected.

60. AMICIXSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the first rLICLIDIDX tuple using the DBstfst() function. Daily billing records for local area signaling service (LASS) called number delivery subscribers may be affected.

61. AMIMBUFFPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) message buffer pointer is out of range.

62. AMIMENTRY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The parameters to the AMloadentry() function are out of range.

63. AMIMINVSCM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid structure code modifier and/or automatic message accounting (AMA) call type was found.

64. AMINPCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in attempting to access (read or write) the RLINSPDATA relation. The AUIS_LINE audit will be scheduled to recover the dynamic tuple of ISDN inspect counts.

65. AMINSPDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) used the DAGtinspdata() primitive to read an rLINSPDATA tuple. The tuple returned did not match what was expected.

66. AMINSPFDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic rLINSPDATA tuple could not be deleted using the DBfdltup() function. Daily National ISDN Inspect billing may be affected.

67. AMINSPFIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a dynamic rLINSPDATA tuple using the DBfintup() function for National ISDN Inspect.

68. AMINVDATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AMA real-time call detail code encountered invalid data. The invalid data is printed, along with any supporting data. Some RTCD records may have been lost.

69. AMINVFCA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The flexible call accounting (FCA) processing in the SM has detected an error in the FCA data tables, or data required is not available to FCA.

70. AMINVLCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected class of charge appeared for certain calls. For example, a FWD_CRD_NO class of charge is invalid for a busy line verify call. The default call type is AMBLVOSPS for a busy line verify call, or AMEIOSPS for an emergency interrupt call. The class of charge and the emergency interrupt indicator will be dumped.

71. AMINVLCOMB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the operator services position system (OSPS), certain call type and data group combinations are considered invalid. Default structure codes are used in these cases.

72. AMINVMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The billing system process received an invalid message.

73. AMINVRCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected rating class appeared for certain calls. For example, a rating class of OANO_RATE_CLS is invalid for a call with class of charge OAPAIID. The prefix, origination service class, and destination type will be dumped.

74. AMINVRSN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The billing system process was initialized with an invalid operating system for distributed switching (OSDS) reason code.

75. AMISTMNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the next rlls_TERM tuple using the DBstnxt() function. Daily billing records for National ISDN Inspect feature may be affected.

76. AMISTMSTFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the first rlls_TERM tuple using the DBstfst() function. Daily billing records for National ISDN Inspect feature may be affected.

77. AMKBPTRRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The pointers pointing to the packet services (PS) automatic message accounting (AMA) billing buffer in the SM were corrupted.

78. AMKINVDNIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid packet services (PS) automatic message accounting (AMA) office data network identification code (DNIC) number is stored in the Gldnic[] global array.

79. AMKINVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was sent to the packet services (PS) automatic message accounting (AMA) SM billing process.

80. AMKINVRATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid rate period value was read from the packet services (PS) automatic message accounting (AMA) rate period relation.

81. AMKINVRSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet services (PS) automatic message accounting (AMA) SM billing process was started with an invalid reason.

82. AMKINVSGSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid packet services (PS) automatic message accounting (AMA) office segment size is stored in the Glsegsz global parameter.

83. AMKINVTMR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected timer was received by the packet services (PS) automatic message accounting (AMA) SM billing process.

84. AMKMDRMERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while trying to invoke a polling message to the protocol handlers (PHs) using the message reply and distribution capability.

85. AMKNOBDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module processor (SMP) packet services (PS) automatic messaging accounting (AMA) system

process received a failure indication while attempting to read an rIPBG_INFO tuple using the DBfrdtup() primitive.

86. AMKNOLDVC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet services (PS) automatic message accounting (AMA) SM billing process could not successfully initiate a long duration virtual call (LDVC) poll to the protocol handlers (PHs).

87. AMKNOPVC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet services (PS) automatic message accounting (AMA) SM billing process could not initiate a permanent virtual call (PVC) poll to the protocol handlers (PHs).

88. AMKSNVERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while trying to send a message from the packet services (PS) automatic message accounting (AMA) SM billing process to the PS AMA protocol handler (PH) billing process.

89. AMKUMTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown extended Bellcore automatic message accounting (AMA) format (EBAF) module type was specified in the AMA record sent from the protocol handler (PH) to the SM, or the EBAF module is not specified in the AMkmcodes[] table.

90. AMLASSEV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event was passed to the AMus_lass() function from feature control (FC). This function does local area signaling service (LASS) billing.

91. AMLASSFT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid feature was passed from feature control (FC) for local area signaling services (LASS).

92. AMLPTFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication while attempting to read an rLPT_PT tuple using the DBfrdtup() primitive to get the port and party.

93. AMLTMCNFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication while attempting to read an rLTM_PORT tuple using the DBfrdtup() primitive in the AMcnamdn() function to get the port. Calling name (CNAM) billing will be affected.

94. AMLTMFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLTM	Audit Mode: elev

Problem:

Failed to get the first rBCL_LTM tuple using the DBstfst() function. Billing records for local area signaling services (LASS) bulk calling line identification (BCLID) subscribers may be affected.

Data Structures:

RLBCL_LTM. Key fields: ltm_idx, ltm_type, lead_module.

Action:

The AUBCLLTM audit will be scheduled to run.

95. AMLTMNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLLTM	Audit Mode: elev

Problem:

A failure occurred while trying to get an rBCL_LTM tuple using the DBstnxt() function. Local area signaling services (LASS) bulk calling line identification (BCLID) billing may be affected.

Data Structures:

RLBCL_LTM. Key fields: ltm_idx, ltm_type, lead_module.

Action:

The AUBCLLTM audit will be scheduled to run.

96. AMLTPTFRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure indication while attempting to read an rLTM_PORT tuple using the DBfrdtup() function.

97. AMMDRAMAPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to send a message detail recording (MDR) counts record to an invalid applications processor (AP). An invalid AP identification (APID) number was specified in the RLMDR_CNTS relation.

Data Structures:

RLMDR_CNTS.

The business customer identification (BCID) number and APID pair containing the invalid APID are provided in the

data dump. Both values are decimal.

Action:

Use RC/V View 24.2 (MDR COUNTS RECORD) to update the BCID and APID pair receiving an MDR counts record. Input a valid value for the APID field. A valid APID can be found using RC/V View 24.7 (DSL APPLICATION PROCESSOR COMMUNICATION DATA). The updates made with View 24.2 will not take effect until after the next MDR counts record is sent to an AP.

98. AMMDRGPBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While generating a message detail recording (MDR) record, the MDR group number of the originating port was not found in the RLMDR_GP relation. This MDR group number was previously retrieved from the RLMDR_PORT relation. Thus, the originating port belongs to an invalid MDR group or an rIMDR_GP tuple is missing.

Data Structures:

RLMDR_GP. Key field: MDR group number (decimal).

RLMDR_PORT. Key field: port.member (hex), port.module (decimal).

Action:

Use RC/V View 24.33 (MDR GROUP PARAMETERS) to assign the originating port to a valid MDR group.

99. AMMDRQADD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message detail recording (MDR) queue head pointer and/or tail pointer was out of range when attempting to add an MDR record to the queue. The MDR queue head and tail pointers are initialized to point to an empty queue. All MDR records in the queue are lost.

100. AMMDRQDIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message detail recording (MDR) queue head pointer and/or tail pointer was out of range when attempting to remove an MDR record from the queue. The MDR queue head and tail pointers are initialized to point to an empty queue. All MDR records in the queue are lost.

101. AMMDRSMAPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to send a message detail recording (MDR) record to an invalid applications processor (AP). An MDR group specified an invalid applications processor identification number (APID) in the RLMDR_GP relation.

Data Structures:

RLMDR_GP.

The MDR group number and the invalid APID are provided in the data dump. The value of the MDR group number and invalid APID are given in decimal.

Action:

Use RC/V View 24.33 (MDR GROUP PARAMETERS) to update the MDR group parameter data for the MDR group name corresponding to the MDR group number. Input a valid value for the APID field. A valid APID can be found using RC/V View 24.7 (DSL AP COMMUNICATIONS DATA).

102. AMMHTGFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLMHTG	Audit Mode: elev

Problem:

Failed to get the first rLBCL_MHTG tuple using the DBstfst() function. Billing records for local area signaling services (LASS) bulk calling line identification (BCLID) subscribers may be affected.

Data Structures:

RLBCL_MHTG. Key fields: grpnum, grptype.

Action:

The AUBCLLTM audit will be scheduled to run.

103. AMMHTGNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BCLMHTG	Audit Mode: elev

Problem:

A failure occurred while trying to get an rLBCL_MHTG tuple using the DBstnxt() function. Local area signaling services (LASS) bulk calling line identification (BCLID) billing may be affected.

Data Structures:

RLBCL_MHTG. Key fields: grpnum, grptype.

Action:

The AUBCLMHTG audit will be scheduled to run.

104. AMNSBADCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to read the RLAMCC_FAM relation with the billing call code to obtain the structure code family, no tuple was found. The affected call is NOT billed. All calls with the indicated call code will not be billed until this problem is corrected.

The call code is returned from the service control point (SCP) for number services (NS) calls, or from the network control point (NCP) for leased network (LN) calls and software defined network (SDN) calls. The SCP or NCP may be sending an invalid call code. This assert is fired in the case of service provider calls, too.

Data Structures:

RLAMCC_FAM. Key fields: call_code, port member, port module.

Action:

Determine if the call code is valid. If the call code is not valid, notify the SCP or NCP that it is sending an incorrect call code value to the switch. The correct NCP or SCP can be determined from the port used for the call.

If the call code is valid, determine the structure code family that should be used for the indicated call code. Use RC/V View 10.18 (STRUCTURE CODE FAMILY) to insert an entry with the STRUCT CODE FAMILY set appropriately.

105. AMODBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AModbteardn() primitive was called from a process that does not appear to have a process control block link area (PCBLA) used for an office database (ODB) process. The billing data stored in the PCBLA is not valid. The calling process is probably not an ODB terminal process, or was corrupted.

106. AMOFFICECODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid normalized office code (NOC) within the dd_number field of an rIPSX25LN tuple has no corresponding tuple in the RLOFFICECODE relation.

Data Structures:

RLPSX25LN, RLOFFICECODE.

Action:

Correct the NOC in the dd_number field of the rIPSX25LN tuple or add a corresponding rLOFFICECODE tuple.

107. AMOSPDAGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OCRECORD	Audit Mode: elev

Problem:

The operator services position system (OSPS) call record DAGETOCREC macro returned an invalid pointer to the OSPS call record.

Probable Cause:

A bad call ID was passed as a parameter.

Action:

The OSPS call record audit is scheduled.

108. AMPCNAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) used the DAgetpcnam() primitive to read an rPCNAM tuple. The tuple returned did not match what was expected.

109. AMPCNMCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LINE	Audit Mode: elev

Problem:

An error occurred in attempting to access (read or write) the RLPCNAM relation. The AUIS_LINE audit will be scheduled to recover the dynamic tuple of the count of names (non)delivered.

110. AMPCNMFDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic rPCNAM tuple could not be deleted using the DBfdltup() function. Daily CNAM-PRI billing may be affected.

111. AMPCNMFN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a dynamic rPCNAM tuple using the DBfintup() function for CNAM-PRI feature.

112. AMPMDRAPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to send a message detail recording (MDR) record for a packet call to an invalid applications processor (AP). An invalid AP identifier (APID) was specified in the MDR message to the AP. The MDR message may be corrupted or the office dependent data (ODD) may be inconsistent.

Data Structures:

RLMDR_GP.

The invalid APID is provided in decimal in the data dump.

Action:

If the MDR group has an invalid APID specified, correct the APID by using RC/V View 24.33 (MDR GROUP PARAMETERS) or ODBE on the RLMDR_GP relation.

It is difficult to determine the correct MDR group associated with the MDR record. Use ODBE to perform a batch review of all rIMDR_GP tuples populated on the offending SM. Look for tuples with the packet MDR indicator (pkt_mdr) attribute set to DBYES. Compare the APID in these tuples to RC/V View 24.7 (DSL APPLICATIONS PROCESSOR COMMUNICATIONS DATA). If an invalid APID is found, use RC/V to update the MDR group data with the correct APID for the MDR group name corresponding to the MDR group number found in the rIMDR_GP tuple.

113. AMPSBILLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The billdn_flg was set in an rIPSX25LN tuple, but no corresponding rIPSBILLDN tuple exists that has the same protocol handler (PH) and PH channel number.

Data Structures:

RLPSX25LN, RLPSBILLDN.

Action:

Turn off the billing flag in the rIPSX25LN tuple or add a corresponding rIPSBILLDN tuple.

114. AMPSX25LN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol handler (PH) and/or PH channel number was passed to automatic message accounting (AMA) during the setup of an on-demand B-channel connection to a PH. No valid AMA record can be made for this

connection.

115. AMRDSAMEMPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to read from the stand-alone billing memory, the pointers were out of range or were not in a position corresponding to a structure boundary.

116. AMREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The process received an invalid create code.

117. AMSCALTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the database subsystem (DB) while trying to read the static relation RLSCA_LTM. This will prohibit the 24 hour collection of local area signaling services (LASS) AMA data.

118. AMSCFLTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the database subsystem (DB) while trying to read the static relation RLSCF_LTM. This will prohibit the 24 hour collection of local area signaling services (LASS) AMA data.

119. AMSCRLTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the database subsystem (DB) while trying to read the static relation RLSCR_LTM. This will prohibit the 24 hour collection of local area signaling services (LASS) AMA data.

120. AMSDALTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic message accounting (AMA) received a failure return code from the database subsystem (DB) while trying to read the static relation RLSDA_LTM. This will prohibit the 24 hour collection of local area signaling services (LASS) AMA data.

121. AMSEDESTBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A defensive check of the automatic message accounting (AMA) entry message destination found the value to be incorrect.

122. AMTIMETOL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM process received a new ATIME and RTIME from the AM that differs from the current value by a large amount.

123. AMTRTOFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to start a timer to indicate the end of the tracer collect interval in the SM failed.

124. AMVMRNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global data, AMvmnments, that contains the number of entries used by the AMATRC process was corrupted. Since this data is globally accessible, another process probably wrote over it. The global data will be re-set.

125. AMWTSAMEMPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to write to the stand-alone billing memory, the pointers were out of range or were not in a position corresponding to a structure boundary.

Range: amapp**1. AMKINVCODE (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet services (PS) billing buffer entry has a corrupted structure code.

2. AMKNORCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet services (PS) automatic message accounting (AMA) record formatting routine was called and there are no billing records on the PS billing buffer.

Range: as**1. APID_DYNAMIC (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid applications processor ID (APID) was found in one of the global hundred second scan (HSS) arrays (MStrkglist[] or MSmlhglist[]) for a particular customer assigned the HSS feature. The problem was probably caused by a wild write, and was automatically corrected. No manual action is necessary.

2. APID_INVALID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the CMapsend() function in the MShtsnd() function failed because of an invalid applications processor ID (APID).

3. APID_STATIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid applications processor ID (APID) was found in the RLMSAPHSS and RLHSSASGN relations for a particular customer who is assigned the hundred second scan (HSS) feature.

Data Structures:

RLMSAPHSS. Key fields: type of private feature/facility group, group #.

RLHSSASGN. Key fields: business customer ID (BCID), APID.

Action:

The invalid APID in the RLHSSASGN relation can be corrected using RC/V View 24.3 (TRAFFIC DATA, ACA & HSS ASSIGNMENT). The invalid APID in the RLMSAPHSS relation can be corrected using RC/V View 24.12 [100 SECOND SCAN (HSS) ACTIVATION].

4. ASACDNOIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed to read the RLIST_PARM relation. The return code was DBNO_MATCH.

Data Structures:

RLIST_PARM. Key field: st_id.

Action:

Use ODBE on the RLIST_PARM relation with the st_id key to verify that the tuple exists. If the tuple does not exist, verify that there are no data inconsistencies between the RLIST_PARM relation and the RLINTERFLW relation.

5. AS_AUTREC_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIAUT_REC tuple.

6. AS_BAD_DB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid database read occurred in the administrative services (AS) subsystem.

7. ASBAD_DSTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) subsystem failed to read an rIDSTID_RR tuple from the MSota5csmcl() function in as/ASospsadm/MSotasmrc.c. TRFC30 data for section 97 of 30-minute traffic report is incomplete.

8. ASBADGACSND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred when sending a message to the receiving operator services position system (OSPS) on an interflowed call using the general access channel. The message was lost because of a problem on the general access channel.

9. ASBAD_ISTPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) subsystem failed to read an rLIST_PARMS tuple from the MSota5camft() function in as/ASospsadm/MSam30osta.c. TRFC30 data for section 95 of the 30-minute report is incomplete.

10. AS_BADMSGTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message type received is not known.

11. AS_BADOAPDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected data was received from the operator services position system (OSPS) administrative processor (OAP).

12. ASBADOSINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) subsystem failed to read an rIOSPS_INT tuple from as/ASospsadm/MSam30osta.c. TRFC30 data for section 96 of the 30-minute traffic report is incomplete.

13. ASBAD_PN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process ID (PID) received does not have an entry in the DATATABLE.

14. ASBADPSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DATATABLE.psm entry was not a valid packet switching module (PSM), even though there was a valid process identifier (PID) for that same entry.

15. ASBADTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIRT_TRKG tuple. This may be a warning of a possible database system failure.

Action:

If this assert fires on a regular basis, inform your next level of support.

16. ASBDDIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of digcnt in the structure of the domain directory number (DMDN) is less than 0.

17. ASBDINDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid index of the DATA TABLE is converted.

18. ASBDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGOAPSEC message was received by the administrative services (AS) SM system process, but the message had an invalid type.

19. ASBEDLIO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The basic encode decode library (BEDL) has detected an unknown return code from DA when accessing RTMSGBUFS during an application protocol data unit (APDU) input/output (IO).

20. ASBGN_TRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not begin a database transaction. Auto-reconfiguration was initiated.

21. ASCCLCTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error has occurred during C interval traffic measurements data collection. This error was detected when an overflow occurred in the C interval data buffer.

Probable Cause:

Some internal error with the traffic measurements C interval collection process.

Action:

Give the dumped data to field support for analysis.

22. AS_CMAPSEND_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the CMapsend() function in an attempt to send enhanced private switched communication service (EPSCS) hundred second scan (HSS) messages resulted in an unacceptable return code. No action is necessary.

23. AS_DCHAN_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No in-service D-channel from operator services position system (OSPS)-a to OSPS-z was found.

24. ASDDRDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Administrative Services received an error return from the Data Delivery Read primitive.

25. ASDRAINTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the Gldraintm global parameter. Auto-reconfiguration was initiated.

26. AS_DSTID_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIDSTID_RR tuple.

27. AS_EISDSL_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MSota6csmcl() function failed to read an rIEISDSL tuple for the 30-minute traffic measurement section 124.

28. ASEND_TRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not commit the database transaction. Auto-reconfiguration was initiated.

29. ASERICCVDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup returns DBRELNAME_BAD while reading relation RLICCVDB,

Data Structures:

Relation RLICCVDB is missing or corrupted,

Action:

Define relation RLICCVDB.

30. ASERMEASDES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup returns DBRELNAME_BAD while reading relation RLMEASDES.

Probable Cause:

Relation RLMEASDES is missing or corrupted.

Action:

Define relation RLMEASDES.

31. ASFAIL_ISTPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLIST_PARM relation. This may cause the link occupancy for voice links to a receiving operator services position system (OSPS) on section 95 of the TRFC30 report to be invalid.

32. ASFATALBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to verify buffer allocation for an operator services position system (OSPS) administrative processor (OAP) terminal process (TP), some other OAP TP was already using the buffer. The former TP is sent a message telling it to call the OSSUICIDE() macro. The latter TP is left alone.

33. ASFBTEDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAGhdpte() primitive returned DBNULL_SET. No rITEDB tuple was found for the rIDPB tuple.

34. ASGROUPOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIGROUP_PORT tuple.

35. AS_HSSPID_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MShss_crt() function was called to create the enhanced private switched communication service (EPSCS) hundred second scan (HSS) terminal process. However, the value of the previous processor ID (PID), MShsspid, that should have been zeroed out, has an invalid value. No manual action is necessary.

36. AS_IFLOW_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIID_IFLOW tuple.

37. ASINIT_REQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An initialization request can not be made in the update mode for the MGPOLL_RSP message.

38. AS_INTERFLW_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIINTERFLW tuple.

39. ASINV_PCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not allocate process control block (PCB) space from the OScreate() function.

40. ASINV_PROGID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program ID argument was received from the OScreate() function.

41. ASINV_SCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not allocate stack control block (SCB) space from the OScreate() function.

42. AS_ISTPARM_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rLIST_PARM tuple.

43. ASMSALWMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. The message type contained in the message buffer passed to the MSalwrept() function did not satisfy the switch cases for the possible messages.

Valid message types are MGMSRQ15MT [request for allowing the TRFC15 (15-minute traffic) report], MGMSGREQ [request for allowing the division of revenue hourly (DRHR) report], and MGMSJREQ [request for allowing the PLNTHR (hourly plant) report].

44. ASMSALWSEC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. In the MScalwsect() function, the switch on the sectnm value failed to find a valid case for the section name passed to the function. The calling function should have filtered out any section names not meeting the valid names for the MScalwsect() function.

45. ASMSBCBID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MSmsgsnd() function failed in a call to the OSBCAST() macro and could not get a valid broadcast ID (BID) value.

46. ASMSBCMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MSinjrvcv() function was called to process a message of an unexpected type.

47. ASMSBCRPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MSmsgsnd() function was called by an unexpected rptype.

48. ASMSCLRPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the MSbudgmgr.c file. The report type for the TRFC15, TRFC30, PLNTHR, or DRHR report that was passed to the MShmcalc() function is not a valid report type. The valid reports are outlined in hdr/db/DMrptype.h.

49. ASMSCLCSEC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the MSbudgmgr.c file. The section name for the TRFC30 report that was passed to the MShmcalc() function was not a valid section enumeration. The valid sections are outlined in hdr/as/MScptcnst.h.

50. ASMSCPCCRPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MScpcc() function was called by an unexpected rptype.

51. ASMSHMDEVC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. The outdev parameter passed in the craft request message did not satisfy the switch cases for output devices specified in a request for status of the output states of the various device types. Valid possible devices are CLCT (collection of data for TRFC30 report) and ROP (print output directed to the ROP or TRFC channel).

52. ASMSHMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the MShmout() function in the MSbudgmgr.c file. An invalid report type was passed to this function. The valid report types are defined in hdr/db/DMrptype.h.

53. ASMSHMQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was returned from the HMquemsg() function. Possibly, a distorted parameter was passed to human/machine interface (HM) in the function call, or the message handler is not resident.

54. ASMSHMVERB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. The verb parameter passed in the craft request message did not satisfy the switch cases for valid craft request actions. Valid possible actions are ALLOW, INHIBIT, and OUTPUT (OP).

55. ASMSIBRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Too many electronic directory service (EDS) or message service (MGS) customers or too many MGS multi-line hunt groups (MLHGs) are being reported from a SM. The maximum number of customers or groups that can be specified for measurements is 25. The control table building process failed, or more than 25 items were entered into the RLMS_AP relation.

Data Structures:

RLMS_AP.

Action:

If the failure is due to process failure, it will self-correct every half-hour as the control tables are rebuilt and updated in the SMs.

If too many items were entered into the RLMS_AP relation, use RC/V to correct the relation.

56. ASMSINHMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. The message type contained in the message buffer passed to the MSinhrept() function did not satisfy the switch cases for the possible messages.

Valid message types are MGMSRQ15MT [request for inhibiting the TRFC15 (15-minute traffic) report], MGMSGREQ [request for inhibiting the division of revenue hourly (DRHR) report], MGMSJREQ [request for inhibiting the PLNTHR (hourly plant) report].

57. ASMSINHSEC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. In the MScinhsect() function, the switch on the sectnm value failed to find a valid case for the section name passed to the function. The calling function should have filtered out any section names not meeting the valid names for the MScinhsect() function.

58. ASMSPRERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default condition was reached in the administrative services (AS) measurements human interface module. An error return code was received from the human/machine interface (HM) subsystem during an attempt to put a PRINT status message on the HM queue using the HMquemsg() function.

An invalid message pointer may have been passed to HM, the message structure may have exceeded the maximum limit, or the TTY message handler may be non-existent.

59. ASNODPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is displayed as a result of the failure to obtain a D-port for a passed in port. This occurs when the RTGETED() macro is called from within the function ASsndiflow().

Probable Cause:

No tuple found in RLFCPORTTYP for the passed in port.

Action:

Check RC/V View 5.5 (TRUNK MEMBER) for the associated equipment.

60. AS_NOINCID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The administrative services (AS) measurement for the interflow calls received was pegged for a non-existent incoming operator services position system (OSPS) office ID. There was no match in the RLOSPS_INT relation.

61. ASNOPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is no path in the DATATABLE, but the process identifier (PID) is not null.

62. ASNOPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process ID (PID) of the operator services position system (OSPS) administrative processor (OAP) terminal process (TP) was not found in the DATATABLE of the administrative services (AS) SM system process.

63. ASNO_UID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The macro SMSU2DSUBD() was called to obtain a circuit name of a subtending circuit of a DSU2, and failed to obtain the circuit. This failure occurred in the function MSctdmusg().

Probable Cause:

Failure in reading RLCKTDATA or RLUNIT_CKT.

Action:

Verify that a circuit exists for the unit by checking RC/V View 5.5 (TRUNK MEMBER).

64. AS_OAP_SEC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to print an operator services position system (OSPS) security report. However, the security devices are not defined properly.

Data Structures:

RLOSPSPARM. Key fields: office type, office number.

Action:

From the OSPS administrative processor (OAP) security terminal and using the ospsec login, select option 3 (RC/V OSPS Security Parameters).

Verify and update, as necessary, the security devices' attribute definitions associated with RC/V View 21.99 (OSPS PARAMETERS FOR SECURITY TERMINAL) as described in the 5ESS® Switch Operator Services Position System - Administrative Guidelines manual, 250-570-112.

65. ASOPN_REL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not open a relation. Auto-reconfiguration was initiated.

66. AS_OS_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid operating system (OS) call return code was encountered.

67. ASOSCLIMIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of operator service centers (OSCs) in a single SM to which operator measurements will be distributed for the operator services position system (OSPS) 24 hour report, was exceeded.

68. ASOSPSDIST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for creation of the terminal process MSosps_dist in the AM for the 15 minute operator services position system (OSPS) report is not valid.

69. ASOSPSID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the Glospsid global parameter. Auto-reconfiguration was initiated.

70. ASPSMLIMIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of operator services position system (OSPS) integrated services digital network (ISDN) SMs with operators exceeded the maximum for which measurements are reported to the OSPS administrative processors (OAPs). The current limit is 32. The RLDB_AMGPD relation is incorrectly populated for the following keys: grp_type=GPD_OSPS and grp_id=1, or a program update is required to increase this limit.

71. AS_RANGE_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The num_on attribute from the RLIST_PARM or RLDSTID_RR relation is out of range.

72. ASRD_IFOSPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the Glifosps global parameter. Auto-reconfiguration was initiated.

73. ASRD_RROSPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the Glrrosp global parameter. Auto-reconfiguration was initiated.

74. AS_REASON_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MShsstp() function was entered with a reason other than OSCREATE.

75. AS_RFSH_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Two successive calls to the MShss_rfsh() function in an attempt to update enhanced private switched communication service (EPSCS) hundred second scan (HSS) global data failed. No manual action is necessary.

76. ASSND_OPR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for creation of the terminal process MSsnd_opr in the SM for the 24 hour operator services position system (OSPS) report is not valid.

77. ASTMOAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the process of initializing or updating the operator services position system (OSPS) administrative services (AS) SM system process's DATATABLE, it was determined that more than four OSPS administrative processors (OAPs) were supposed to be attached to the same packet switching module (PSM). The upper limit is four. The SM system process proceeds as if there are only four OAPs present and uses only the first four in the database.

78. ASTM_ZONE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the Gltimezone global parameter. Auto-reconfiguration was initiated.

79. ASUPDAUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process could not update the RLAUT_REC relation. Auto-reconfiguration was initiated.

80. ASUPDIFLOW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the RLINTERFLW relation. Auto-reconfiguration was initiated.

81. ASUPD_IFOSPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the Glifosps global parameter. Auto-reconfiguration was initiated.

82. ASUPDPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the RLST_PARM relation. Auto-reconfiguration was initiated.

83. ASUPD_RROSPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the Glrrosp global parameter. Auto-reconfiguration was initiated.

84. ASUPDSTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the RLDSTID_RR relation. Auto-reconfiguration was initiated.

85. COTNO1MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AScotsys() function could not enable the message reception.

86. COTNO2MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AScotsys() function could not send a message to the SMaprts() function. The DMERT queue is busy.

87. COTNODDRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function could not do a DDREAD.

88. COTNODDWT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function could not do a DDWRITE.

89. COTNOOSDS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function could not set up communication with a non-DMERT environment.

90. COTNOPAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function could not attach to a protected application segment.

91. COTNOPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function could not connect to its port.

92. COTSANFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function validity check failed.

93. COTWRGMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASctosys() function received an unknown message type.

94. DBBADBLF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to retrieve a block from the dynamic relation RLATTM_BLF.

95. DBBADGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLGROUP_PORT relation. The keys are group type=TM_LINE, group number, and member number. The keys come from the MGISATREQ message.

96. DBBADICX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLICX_ICI relation. The key comes from the MGISATREQ message.

97. DBBADIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLISATGRP relation. The key was obtained from the RLRT_MHG relation.

98. DBBADMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLRT_MHG relation. The key was obtained from the RLAPPFGRP relation.

99. DBBADQICI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to retrieve a block from the dynamic relation RLQO_ICI.

100. DBBADTRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLIS_TERM relation. The keys are term number=0 and logical port. The keys come from the RLGROUP_PORT relation.

101. DBBDLNST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupted tuple was read from the dynamic relation RLLNSTAT.

102. GPTYPBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid group type was encountered. The group type should be MSMLHGAC or MSMLHGQC as defined in header file DMapptype.

103. GRPNUM_DYNAMIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid trunk group number or multi-line hunt group (MLHG) number was found in one of the global hundred second scan (HSS) arrays (MStrkglist[] or MSmlhglist[]) for a particular customer assigned the HSS feature. The problem, probably due to a wild write, was automatically corrected. No manual action is necessary.

104. GRPNUM_STATIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid trunk group or multi-line hunt group (MLHG) number was found in the RLMSAPHSS relation for a particular customer assigned the hundred second scan (HSS) feature.

Data Structures:

RLMSAPHSS. Key fields: type of private feature/facility group, group #.

Action:

The invalid group number can be corrected using RC/V View 24.12 (100 SECOND SCAN [HSS] ACTIVATION) or ODBE (if necessary).

105. GRPTYP_STATIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid group type was found in the RLMSAPHSS relation for a particular customer assigned the hundred second scan (HSS) feature.

Data Structures:

RLMSAPHSS. Key fields: type of private feature/facility group, group #.

Action:

The invalid group type can be corrected using RC/V View 24.12 (100 SECOND SCAN [HSS] ACTIVATION) or ODBE (if necessary).

106. HSSLIST_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt values were found in the enhanced private switched communication service (EPSCS) hundred second scan (HSS) global data. This data was corrected by the EPSCS HSS software, and requires no manual action.

107. HSS_OVERLAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The creation of a new enhanced private switched communication service (EPSCS) hundred second scan (HSS) terminal process was not attempted because the previous HSS terminal process was still running after its HSS interval had expired.

108. HSS_TIMEOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global data associated with the hundred second scan (HSS) capability was not refreshed in this particular HSS interval because there was insufficient time remaining.

109. MS_0_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SM or the AM, the measurements subsystem control table building process MSamctbl() or MSimctbl() could not hash the group ID keys into a lookup table with the required constraints.

The hash failure causes the lookup table to be initialized. However, the measurements for this type of group are effectively turned-off. Measurements will be lost.

Action:

Dump the MS_xxx (where xxx is IDP, CFT, TGSR, MLHG, PFA, or ATT) to determine the keys that could not be hashed.

110. MS_1_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SM or AM, the measurements control table building process MSamctbl() or MSimctbl() could not complete its assigned task in the allocated time. If the assert fires each half-hour, this probably means the required relations are not populated correctly (RLMS_CFT, RLMS_IDP, RLMS_PFA, RLMS_TGSR, RLMS_MLHG, RLMS_ATT).

Occasional or intermittent asserts are a result of the real-time load causing the process to time-out, or the messages being lost due to link failures. An occasional assert is acceptable because the table is rebuilt during the next time period.

111. MS1SILENTSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A "SILENT" SM exists and recovery actions are being taken to correct the error. This is the first assert in the recovery procedure. This assert dumps the communication package per link data. The second assert, MS2SILENTSM, dumps more information.

Action:

Save the ROP output starting two hours before the error and ending two hours after the error. Call the 5ESS® switch product engineering control center (PECC) immediately. The module controller/time slot interchanges (MCTSI) should switch sides before this assert is printed.

112. MS_2_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for creation of the terminal process MSimrh in the SM for the 5-minute report is not valid.

113. MS2SILENTSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is the second assert in the series of corrective actions to recover a "SILENT" SM. The debugging information gathered during the silent interval is dumped.

Action:

Save the ROP output starting two hours before the error and ending two hours after the error. Call the 5ESS[®] switch product engineering control center (PECC) immediately. The module controller/time slot interchanges (MCTSI) should switch sides before this assert is printed.

114. MS_3_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for creation of the terminal process MS5nm in the AM for the 5-minute report is not valid.

115. MS_4_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In pegging the MSNMCCID() macro, the code control identifier is out of range. The valid range is 0 to 64.

116. MS_5_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the pegging macro MSNMTGCID(), the trunk group control identifier and control identifier did not match any control already stored in measurements data.

117. MS_6_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A pointer used to load information into the engineering and administrative data acquisition system (EADAS) buffer is set to a value pointing to a memory range not belonging to the TRFC30 section identified in the ROP output message.

Generally, the office dependent data (ODD) relation identified by the assert for this section allocation (number of units) is set to a value less than the number of items being reported during collection of data for the section identified.

Action:

Use the output message information (TRFC30 section number, AM ODD relation suspected of being in error, and current value of that AM ODD relation) and office records to determine the error in the AM ODD relation. Once the ODD relation error has been identified, correct the value of it by using RC/V (or ODBE, if necessary).

Section 90:

May be an indication that more concentrators are allowed than the AM reports. Inhibit some or all of the concentrators that were recently inhibited or allowed, ignoring the AM-reported concentrators.

NOTE: Data items should only be checked if the problem is persistent (occurring more than once) because a SM may not receive an update made in time for the next 30 minute report being prepared. This assert may occur intermittently.

Section 77:

The SMs reported more digital subscriber lines (DSLs) than are allowed in the AM. This could happen because the SMs did not receive an inhibit request from the AM. To fix this assert for section 77, type in the following commands:

```
INH:TRFC30:CLCT:DSL=ALL;
ALW:TRFC30:CLCT:DSL:PREV;
```

Then allow the same DSLs that were allowed for ROP output.

Sections 138 and 141:

The SMs reported more remote terminals (RTs) or LINEs, respectively, than are allowed in the AM. If the problem does not correct itself during the following half hour, type in the following input messages:

```
INH:TRFC30,CLCT,IRT,ALL (for section 138)
INH:TRFC30,CLCT,ILINE=ALL (for section 141)
```

Then allow the IDs to be studied.

118. MS_7_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pointer sent from SM to AM for 5-minute measurements is corrupted. 5-minute measurement packages that are impacted by the corruption will be marked as DATA SUSPECT. If the assert fires on a regular basis, seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

119. MS_8_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare MS AUASRTA (when assigned add explanation).

120. MS_9_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A trunk group is identified in the AM, but is not being reported to the AM by any SM for TRFC30 section 12 measurements. The AM office dependent data (ODD) relation RLRT_TRKG or the corresponding SM ODD relation RLIMTGRPS are populated incorrectly. This assert may occur many times after an initialization when links to SMs may not be available; in this case the assert should be ignored.

Data Structures:

RLRT_TRKG, RLIMTGRPS.

Action:

Locate the trunk group identified in the ROP output message in the RLRT_TRKG relation. From the information for the trunk group, determine which SM should be reporting its measurements. Examine the corresponding RLIMTGRPS tuple to see if the trunk group is assigned in the SM. Either the trunk group should not be assigned in

the AM or should be assigned in an SM. Once the ODD relation item in error is identified or the item not being reported is identified, correct it by using RC/V (or ODBE, if necessary).

NOTE: These data items should only be examined if the problem is persistent (occurring more than twice). These types of problems may occur intermittently because an SM may not receive an update of a changed data item, but the problems are self correcting before the next 30 minute report.

121. MS_10_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) administrative services (AS) system process on the AM found over 30 messages of type MGOAPDG2 on its queue. The process discarded them and reported this assert.

MGOAPDG2 messages are non-critical messages intended for an OSPS administrative processor (OAP). They should not be permitted to threaten the AM with overload. The real-time call details feature uses them. If a back number specified for monitoring by the feature represents many physical phones (e.g. DIOR), a flood of messages can result. Shut down the feature using feature option number 595 in RC/V View 8.31 (OPTIONED FEATURES) until the offending number is removed from OAP security login RC/V View 21.98.

122. MS_11_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason of creation for the terminal process MScmphcc (ID MSHP) in the communication module processor (CMP) for the 5-minute report is not valid.

123. MS_77_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

TRFC30 section 77 pointers to the count table were corrupted. To eliminate the corruption, the table was initialized. The data is lost for the next 30 minute report period. Because the counters table that contains the data for digital subscriber lines (DSLs) was initialized, no data is sent to the AM for the SM that asserted.

A "NO-DATA" message prints to the ROP for the study set (arbitrary DSLs or DSLs on an integrated services line unit [ISLU]) that is allowed for collection and ROP. For DSLs allowed on an ISLU basis, only the SM and ISLU numbers appear in the "NO-DATA" message. This is true only for a specified count (HIGH, LOW, or HILO) allowed for ROP output.

Action:

No action is required. The section 77 pointers to the counter array (MSsidslcnts[]) or the pointers array (MSsdlptrs[]) were initialized to remove corruption to the table. The problem is corrected at the next half-hour, or this section can be inhibited for collection then allowed for collection using the following commands: INH:TRFC30:CLCT:DSL=ALL; and ALW:TRFC30:CLCT:DSL=PREV;

124. MS_99_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access the RLPSTRUNKS relation in the MSpswsm() function in the MS30smpsw.c file returned BDRELNAME_BAD. At least one of the relation identifiers in the rellist parameter does not describe a relation.

Action:

If this continues, contact the product engineering control center (PECC).

125. MS_100_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the first rIPSTRUNKS tuple returned an end of relation message.

Action:

Verify that the RLPSTRUNKS relation for the specified SM should be empty. If it should be populated, do so.

126. MS_13_6_UPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RC/V View 13.6 (LU/[R]ISLU MEASUREMENTS) could not be updated. Additional line units (LUs) were added to the study, and the study is allowed for measurements collection. However, the engineering and administrative data acquisition system (EADAS) memory allocation would be exceeded at the next half-hour if these additional LUs were added to the study. The MSsgalwd[] array and the MSlgcalwd[] array are affected.

Action:

To add LUs to the study, at least one of the actions listed below must be taken:

- Inhibit one or more 30-minute traffic report (TRFC30) sections for collection.
- Inhibit one or more studies (TRFC30 section 144 or 145) for collection.
- Remove some of the LUs from the study before adding additional LUs.

127. MSBAD_LNNODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid leased network node was encountered. An invalid ars_idx value was found in an rLNNODE_M tuple. The valid range for ars_idx is 1 to 1000. This could only happen if ODBE was used to input the tuple into the relation, since RC/V range checks this value before it is entered.

Data Structures:

RLLNNODE_M.

The following data is dumped: the invalid ars_idx and the invalid rLNNODE_M tuple.

Action:

Use ODBE to remove this tuple and correct the error. If needed, insert a correct tuple using RC/V.

128. MSCHSHOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to insert a component into the hash table for pegging C interval traffic measurements, the maximum number of probes was exceeded for the component. The component was not inserted in the hash table.

Probable Cause:

Either too many components have been included in the hash table or the hashing algorithm is not adequate to support the component keys.

Action:

Give the dumped data to field support for analysis.

129. MSCPEGOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to allocate storage for a section in the C interval pegging buffer the space required exceeded the space available.

Data Structures:

None.

Action:

Turn off collection of unneeded traffic measurements reports and/or components via RC/V views TMRSL, TMSEL, and/or TMLSL.

130. MSCPHPEGOVFL (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to allocate storage for a section in the C interval PH pegging buffer, the space required exceeded the space available.

Data Structures:

NONE

Action:

Turn off collection of unneeded traffic measurements reports and/or components.

131. MSCROPOVFL (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to insert a component into the internal AS data structures for ROP printing, the number of allowable components was exceeded.

Probable Cause:

Too many components are allowed in relation RLMSPTLST.

Action:

Inform local field support.

132. MSCSMTDCUMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SM to AM message for traffic measurements data collection has been received with an unidentified action type.

Probable Cause:

Either an SM is sending erroneous messages or the software needs to be updated to recognize a new action type.

Action:

Give the dumped data to field support for analysis.

133. MSMAXEDSLEXCED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

More interflow extended digital subscriber loop B-channels or D-channels were taken out of service than can be defined on a packet switching module (PSM). The incorrect number of extended digital subscriber lines (EDSLs) was specified for the primary rate interfaces, or the number of allowed EDSLs increased and the MSBLISTMAX or MSDLISTMAX parameters were not changed to reflect this.

134. MS_SG_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

More records [service groups (SGs) or line group controllers (LGCs)] were sent from the SMs than were allocated in the engineering and administrative data acquisition system (EADAS) buffer for the TRFC30 section.

TRFC30 section 144 or 145: This problem could have occurred because an INH:TRFC30,CLCT,SG=<study groups> message was not processed or after an attempted update to RC/V View 13.6 (LU/(R)ISLU MEASUREMENTS). The update failed because no additional line units (LUs) could be added to the study.

Action:

TRFC30 section 144 (MSsgalwd[] array):

If this problem does not correct itself at the next half hour, type in the following command:

INH:TRFC30,CLCT,SG=<study group numbers>; (where the "study group numbers" are those that were set up using RC/V View 13.6) and ALW:TRFC30,CLCT,SG=<study groups allowed for collection>;

TRFC30 section 145 (MSlcalwd[] array):

If this problem does not correct itself at the next half hour, type in the following commands:

INH:TRFC30,CLCT,LGC=<study group numbers>; (where the "study group numbers" are those that were set up using RC/V View 13.6) and ALW:TRFC30,CLCT,LGC=<study groups allowed for collection>;

Then re-allow the section for ROP or traffic channel output.

135. PRTIMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The processor time is not a valid time. No data is being sent.

136. SES_0_ASRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An SM system process entry default was encountered.

137. SES_1_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to find a service evaluation system (SES) voice link trunk.

138. SES_2_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason for a system process (SP) initialization was encountered.

139. SES_3_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message is out of sequence.

140. SES_4_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare SES AUASRTA (when assigned add explanation).

141. SES_5_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare SES AUASRTA (when assigned add explanation)

142. SES_6_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare SES AUASRTB (when assigned add explanation)

143. SES_7_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare SES AUASRTB (when assigned add explanation)

Range: au**1. AU1MRKPAGRC (5E11 and later)**

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmarkpage() function to the DBmm_audit() function in the MEMMAN audit code.

2. AU2MRKPAGRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmarkpage() function to the DBmm_audit() function in the MEMMAN audit code.

3. AU3MRKPAGRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmarkpage() function to the DBmm_collect() function in the MEMMAN audit code.

4. AU4MRKPAGRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmarkpage() function to the DBmm_collect() function in the MEMMAN audit code.

5. AU10AUCLWTALL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to overwrite the peripheral configuration data (PCD) was detected.

6. AU10DBFRDTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) using the DBfrdtup() function. Static data may be invalid.

7. AU10DDCASE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch case failure occurred in the AUddrsm.C code.

8. AU10DDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from data delivery. Probably due to invalid static data.

9. AU10DDRSMWRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write DDRSMISOL bits.

10. AU10DDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to data delivery. Probably due to invalid static data.

11. AU10SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

12. AU10SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

13. AU10SMECDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the equipment configuration database (ECD).

14. AU20AUCLWTALL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to overwrite the peripheral configuration data (PCD) was detected.

15. AU20DBFRDTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) using the DBfrdtup() function. Static data may be invalid.

16. AU20DDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from data delivery. Probably due to invalid static data.

17. AU20DDRSMWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write DDRSMISOL bits.

18. AU20DDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to data delivery. Probably due to invalid static data.

19. AU20SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

20. AU20SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

21. AU20SMECDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the equipment configuration database (ECD).

22. AU30AUCLWTALL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to overwrite the peripheral configuration data (PCD) was detected.

23. AU30DBFRDTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) using the DBfrdtup() function. Static data may be invalid.

24. AU30DDRSMWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write DDRSMISOL bits.

25. AU30DDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to data delivery. Probably due to invalid static data.

26. AU30SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

27. AU30SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

28. AU30SMECDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the equipment configuration database (ECD).

29. AU40AUCLWTALL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to overwrite the peripheral configuration data (PCD) was detected.

30. AU40DBFRDTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) using the DBfrdtup() function. Static data may be invalid.

31. AU40DDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from data delivery. Probably due to invalid static data.

32. AU40DDRSMWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() macro failed to write the DDRSEP bit for a remote switching module (RSM) in a multi-mode RSM (MMRSM) site, the returned value was not DDSUCCESS.

33. AU40DDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to data delivery. Probably due to invalid static data.

34. AU40SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

35. AU40SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

36. AU40SMECDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the equipment configuration database (ECD).

37. AU50DBFRDTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) using the DBfrdtup() function. Static data may be invalid.

38. AU50DDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from data delivery. Probably due to invalid static data.

39. AU50DDRSMWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() macro failed to write the DDRSMSEP word for a remote switching module (RSM) in a multi-mode RSM (MMRSM) site, the returned value was not DDSUCCESS.

40. AU50DDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to data delivery. Probably due to invalid static data.

41. AU50SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

42. AU50SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

43. AU50SMECDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the equipment configuration database (ECD).

44. AU60DDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from data delivery. Probably due to invalid static data.

45. AU60DDRSMWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() macro failed to write the DDRSMINIT word for a remote switching module (RSM) in a multi-mode RSM (MMRSM) site, the returned value was not DDSUCCESS.

46. AU60DDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to data delivery. Probably due to invalid static data.

47. AU60SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

48. AU60SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

49. AU60SMECDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the equipment configuration database (ECD).

50. AU70DDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from data delivery (DD).

Probable Cause:

Probably due to invalid static data.

Action:

Investigate failure return from DD read.

51. AU70SMDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

52. AU70SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

53. AU80SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

54. AU80SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

55. AU90SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

56. AU90SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

57. AU95SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

58. AU100SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

59. AU105SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

60. AU110SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

61. AU115SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

62. AU120SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

63. AU130SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

64. AU140SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

65. AU150SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

66. AU160SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

67. AU170SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

68. AU180SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

69. AU190SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

70. AU200SMDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write to the peripheral configuration data (PCD). Static data may be invalid.

71. AU250SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

72. AU260SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

73. AU270SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

74. AU280SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

75. AU290SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

76. AU300SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

77. AU310SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

78. AU320SMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the desired information from the peripheral configuration data (PCD). Static data may be invalid.

79. AUACCOND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A condition was set incorrectly by an audit in a report structure.

80. AUACCTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid access type field was encountered. This assert is used in a default statement.

81. AUACID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid audit name was requested. This assert will fire if the audit does not exist, the audit does not exist in the requested processor, or the audit is valid in the requested processor but is not allowed to run.

82. AUACINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A process ID (PID) error was returned from an audit during initialization.

83. AUACSEG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit was taking too many segments.

84. AUAMAPREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read automatic message accounting (AMA) billing stream indicators.

85. AUARSPARE1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a spare assert available for use during software updates to avoid changing the AU assert product in all environments for the update.

Probable Cause:

Varies according to use.

Action:

This is a non-escalating RPI assert.

86. AUARSPARE2 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a spare assert available for use during software updates to avoid changing the AU assert product in all environments for the update.

Probable Cause:

Varies according to use.

Action:

This is an escalating RPI assert.

87. AUARSPARE3 (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a spare assert available for use during software updates to avoid changing the AU assert product in all environments for the update.

Probable Cause:

Varies according to use.

Action:

This is a purging assert.

88. AUAUDCUR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit cursor (AUCursor) variable is out-of-range.

89. AUAUDMAN (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit was entered with an unexpected "manner" parameter value.

Probable Cause:

Either audit control is passing a bad value (unlikely) or the audit is not handling all legal values. For example, the audit may have returned to audit control without completing (for a timebreak or to request an SPP) but does not support a "resume" manner value.

Action:

The running process will be purged. The affected audit should be looked at to be sure it is handling all legal values correctly.

90. AUAUDMAN (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit input parameter AUmanner is invalid.

91. AUAUDMOD (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Global BSS variable AUmode is set to a value that is not supported by the running audit.

Probable Cause:

There are several possibilities:

- The audit is not allowing directed execution but the corresponding bit in per-audit information is set wrong.
- The audit is not allowing some kind of selective initialization execution but has been put in the selective init table.

- The audit has taken an illegal timebreak and AUmode was reset during the break for another audit or keepalive.
- AUmode has been wild written or otherwise corrupted.

Action:

The running process will be purged. The value of AUmode should be looked at (if available) to see which of the above cases apply.

92. AUAUDMOD (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUmode audit control variable is invalid.

93. AUAUDPID (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Too many traversals were done while looking for the process ID (PID).

94. AUBADDEFAULT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch case failure occurred.

Probable Cause:

New case was added without updating the code hitting this error.

95. AUBADPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A range check of a function parameter has failed.

96. AUBADPCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The processor number is not in the available range of processors.

97. AUBADPROCNO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An invalid process number was passed to the AUfillpcbla() function. Either the process number is out of range or the corresponding rIPCBLA tuple does not exist in the database. The process control block link area (PCBLA) audit will be scheduled so that the missing rIPCBLA tuple can be inserted into the database.

98. AUBADRETCODE (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from a primitive.

Probable Cause:

Varies depending on the primitive and context.

Action:

Use the function trace to find the source of the problem.

99. AUBADTBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Recovery table could be corrupted for peripheral configuration data (PCD) related audits.

100. AUBDASEC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Out-of-range error codes are mapped to this entry, which takes no recovery actions. This error code never prints; the out-of-range code will be printed. This code is a place holder for an entry which takes no recovery action.

101. AUBDDDINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Data delivery failed to initialize arrays.

102. AUBDGLOBAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Global data has unexpectedly been overwritten.

103. AUBDINSTCHK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read Sldapdata[] table information.

104. AUBDMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by a routine or elevated audit process.

105. AUBDSITYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid audit operation (such as inhibit or allow) was received by audit control. Audit control does not know what operation to perform.

106. AUBNKS96 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Maximum number of shelf or banks exceeded in AUrpcsndm.c file. Shelf and bank number range from 0 to 3. If the AUrpcsubunit is not in this range the assert will fire. The AUrpcsubunit is a parameter used to loop through a tuple.

107. AUCDBCCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from a dynamic access (DA) primitive that was trying to follow the linkage from the circuit data block (CDB) to the channel control block (CCB). The DA head table (static data) may be invalid.

108. AUCOLLECTRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmm_collect() function to the DBmemman() function in the MEMMAN audit code.

109. AU_CONDITION (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The condition field in an audit report returned by the AUdrtrav() function is out-of-range.

110. AU_CONTROL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit control information from the AURD_CNTL() macro that is used by interprocessor audits is invalid.

111. AUCQDBSCHED (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

A problem was found in the linkages between the RLHCCALLTQ and RLCQDB relations. The call queue data block (CQDB) audit is scheduled.

112. AUDAGTGC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by a database primitive which fetches the address of an rGRP_TGC tuple; the key for the rGRP_TGC tuple is from an rTGC tuple or rDOC tuple.

113. AUDALGLN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DAgetlln() primitive. This primitive fetches the address of the indicated rLGLNSTAT tuple.

114. AUDALGTK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DAgetltk() primitive. This primitive fetches the address of the indicated rLGTKSTAT tuple.

115. AUDALNST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DAgetlnst() primitive. This primitive fetches the address of the indicated rLNSTAT tuple.

116. AUDATGC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DAgettg() or DAfextg() primitive. The DAgettg() primitive fetches the address of the indicated rTGC tuple. The DAfextg() primitive fetches the address of an rTGC tuple; the key for the rTGC tuple is from an rEXRR tuple.

117. AUDATKST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DAgettkst() primitive. This primitive fetches the address of the indicated rTKSTAT tuple.

118. AUDATOWN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DAgettown() primitive. This primitive fetches the address of the indicated rTKOWNER tuple.

119. AUDATQUE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned by the DARstotq() primitive. This primitive removes the specified rITKQUE tuple from the set owned by an rITKOWNER tuple.

120. AUDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MEMMAN	Audit Mode: elev

Problem:

An unexpected return was encountered during a database operation, such as inserting or deleting a tuple using database primitives. This may indicate a problem with the database dictionaries. The MEMMAN audit is scheduled in elevated mode to attempt to correct the problem.

121. AUDDALW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A wild write to allow was detected in the routine audit system inhibit status bit.

122. AUDD_CLIDAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to obtain an rICLIDAT tuple using the DBfrdtup() function failed. The return value was not GLSUCCESS.

123. AUDDINH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A wild write to inhibit was detected in the routine audit system inhibit status bit.

124. AUDDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DD	Audit Mode: elev

Problem:

Failed to read the desired information from data delivery.

125. AUDDWRITE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the desired information to the data delivery key.

Probable Cause:

Possible interface problem with the DDWRITE() macro.

Action:

If this assert occurs continuously, check the audit code then contact the data delivery (DD) area.

126. AU_DRTRAV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The return from the AUcheck_list() function to the AUdr_trav() function was out-of-range.

127. AUEAPLOST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A routine audit process was stopped by the elevated audit process for too long.

128. AUER00 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

While an audit was running, it found an error in the audit process ID, or the audit was asked to purge.

129. AUER01 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUmode audit control variable is invalid.

130. AUER02 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit input parameter AUmanner is invalid.

131. AUER03 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit control variable AUpursor is out of range.

132. AUER04 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit control variable AUphase is out of range.

133. AUER05 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit control variable AUstate is out of range.

134. AUERALARM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The alarm index used for transient timing is out of range.

135. AUERAUD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid audit ID was received by a slave interprocessor audit.

136. AUERBDTI (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The bitmask driver table index parameter had an illegal value.

137. AUERCKTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid circuit type was found in the RLCKTDATA static relation.

138. AUERDBUP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received from a database (DB) update primitive.

139. AUERDICT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUgetindx() function was called. The relation for which a tuple key was to be calculated did not have a pointer to the index dictionary from the relation dictionary, or the index type of the relation in the index dictionary was not IND2.

140. AUERERC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The currently running (AUrunning) operating system for distributed switching (OSDS) audit called its recovery function with an invalid error code.

141. AUERGREL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUdrstatic() function was passed a relation that it was not prepared to support.

142. AUERINSEM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PTSB audit detected an unexpected quarter timeslot specification to idle as part of audit recovery.

143. AUERINTRNL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal data or control structure of an audit was corrupted. This is a general purpose error code for use in any audit.

144. AUERISOL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the DDRISOL bits.

145. AUERLCGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The LCGREP audit detected invalid data in the AULcgtim global variable.

146. AUEROLDT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Time (RTIME) appears not to be increasing to the process control block link area (PCBLA) audit when this error occurs, probably because the audit's local copy of RTIME in the AUold_time global variable was overwritten.

147. AUERRPCR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid pcrd variable was encountered in the second look for an interprocessor audit.

148. AUERSEM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the AUdrdyn() semantic function.

149. AUERSEP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() macro failed to read the separation bit status for a remote switching module (RSM) in a multi-mode RSM (MMRSM) site, the returned value was not success.

150. AUERSMINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the initialization status of a remote switching module (RSM) in a multi-mode RSM (MMRSM) site failed. The returned value was not success.

151. AUERSMISOL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the DDRSMISOL bits.

152. AUERSMSEP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() macro failed. Using the DDRSMSEP key, the returned value was not DDSUCCESS.

153. AUERSPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid default was received from a return on an escalation call.

154. AUERSTOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was found in the stop flag for audits.

155. AUERTIME (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) returned an invalid (out-of-range) rtime.

156. AUERTRAN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit called an audit transient timing function that is not in the alarm table.

157. AUESINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() macro failed to read the initialization status bit for a remote switching module (RSM) in a multi-mode RSM (MMRSM) site, the returned value was not success.

158. AUFCHBM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was encountered.

159. AUFCHESC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit attempted to escalate to demand/directed mode, but could not be scheduled in the requested mode.

160. AUFCHNFC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit failure code could not be found.

161. AUFCHNIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The currently running audit was not in the request table.

162. AUFCHNRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Recovery from an audit failure code could not be initiated due to internal data inconsistencies.

163. AU_INDfWRK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The INdfwrk() function returned failure when attempting to submit a job to schedule an audit. The audit process will be purged and the request for the deferred job will be re-attempted. NO audits can run without a successful return from the INdfwrk() function.

164. AUINHSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid inhibit state was discovered in the AUinhibit[] array.

165. AUINSRTFAIL (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The insert of a static tuple into CCicrtg[] failed. The static tuple dpci and cic are dumped.

Probable Cause:

CCS internal problems or ODD inconsistencies.

Action:

Contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

166. AU_IPCNTL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUcontrol field in a message sent by the master data portion of an audit is out-of-range.

167. AULGMEMKEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGMEM	Audit Mode: elev

Problem:

The member bit for a tuple in the dynamic relation RLLGMEM is set to indicate equipage, but no tuple exists in the static relations RLGROUP_PORT or RLPSGP_PRT. The AULGMEM audit will be scheduled to clear the bit.

168. AULSTSTRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The last starting time record for an audit was overwritten to an invalid value.

169. AUMEMKEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MEM	Audit Mode: elev

Problem:

The member bit for a tuple in the dynamic relation RLMEM is set to indicate equipage, but no tuple exists in the static relations RLGROUP_PORT or RLPSGP_PRT. The AUMEM audit will be scheduled to clear the bit.

170. AUMMAUDRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmm_collect() function to the DBmemman() function in the MEMMAN audit code.

171. AUMODATT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The TSDATA audit failed to read the RLMODATT relation. Possibly, a stack wild write occurred, or static data was invalid.

172. AUMRKLOGRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was returned from the DBmm_collect() function to the DBmemman() function in the MEMMAN audit code.

173. AUMSG_FAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to send a message using the OSSENDMSG macro has failed. The message will be lost.

Probable Cause:

Data corruption or system resource problems.

Action:

None. Generally since audits run periodically if the reason the message was needed still exists the message will be sent again later or the receiver will take action because the message was not received.

174. AUMSGINVALID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was detected with a message that was sent by an audit system process. For example, audit control was unable to generate an AUD DUMP output message as requested by an audit.

175. AUMSLG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow occurred in a routine or elevated audit process.

176. AUN_ELEM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The n-elem field in the IDLPRT audit data message is greater than the number of port member names which may be loaded into the message.

177. AUNEWMAP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The MEMMAN audit bit maps are corrupted.

178. AUNOCCACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACTBASE	Audit Mode: elev

Problem:

The global data read by the CKTDATA audit indicates that neither central control (CC) circuit in the duplex pair is active. The normal operational state of the duplex pair is one CC circuit active and one CC circuit standby.

Probable Cause:

The global data containing the operational states of each CC circuit in the duplex pair is corrupt.

Action:

The ACTBASE audit is scheduled to run in elevated mode to correct the global data problem.

179. AUNOCDACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACTBASE	Audit Mode: elev

Problem:

The global data read by the CKTDATA audit indicates that neither CD circuit in the duplex pair is active. The normal operational state of the duplex pair is one CD circuit active and one CD circuit standby.

Probable Cause:

The global data containing the operational states of each CD circuit in the duplex pair is corrupt.

Action:

The ACTBASE audit is scheduled to run in elevated mode to correct the global data problem.

180. AUNOFUNC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No function exists for the audit ID that was scheduled.

181. AUNOSFIAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACTBASE	Audit Mode: elev

Problem:

The global data read by the CKTDATA audit indicates that neither service features indicator (SFI) circuit in the duplex pair is active. The normal operational state of the duplex pair is one SFI circuit active and one SFI circuit standby.

Probable Cause:

The global data containing the operational states of each SFI circuit in the duplex pair is corrupt.

Action:

The ACTBASE audit is scheduled to run in elevated mode to correct the global data problem.

182. AU_PARTITION (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The partition cursor, which indicates the SM for an audit to execute on, for a partitioned audit is invalid.

183. AU_PCDUNIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in AUpcdunit[], a static array in the switch maintenance kernel process (SMKP).

184. AUPSLRBDPOOL (5E14 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The local area network (LAN) receive buffer descriptor (RBD) pool is corrupted.

Probable Cause:
Data corruption.

Action:
The protocol handler must take a high level initialization.

185. AUQ_TEST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
A switch statement default was encountered.

186. AURASNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The requested ID had no match in the related audit table.

187. AURASRET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
An invalid return was received from the AUaurq() function, which indicates an incompatibility between the related audit table and the request table.

188. AUREASERR (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
An audit process was created with an invalid reason.

Probable Cause:
Unknown.

Action:
Contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

189. AUREASERR (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
The AUDIR process was created with an invalid reason.

190. AUREFLECT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An inconsistent state was recognized in the data delivery status bit for routine audit cycle.

191. AUREQDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

An error was detected in the audit subsystem software in the RLDALB relation. The DALB audit will be requested.

192. AUREQDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An error was detected in the audit subsystem software in the RLDPB relation. The DPB audit will be requested.

193. AURMTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was received by a slave interprocessor audit.

194. AURSTERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid status was returned from the current audit.

195. AU_SENDM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the AUSENDM() macro.

196. AUSFGAMST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The state of the AUSFGALLOC audit, which is stored in a global variable, was not correct. This audit is an inter-processor audit, and the state is the state of the AM portion of the audit.

197. AUSFGSMST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state of the AUSFGALLOC audit, which is stored in a global variable, was not correct. This audit is an inter-processor audit, and the state is the state of the SM portion of the audit.

198. AUSMRTEC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance called the CLNK audit in directed mode for a particular SM in order to recover from a data inconsistency.

199. AUSTQDBSCHE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

A problem was found in the linkages between the RLHCSEVTM and RLSTQDB relations. The STQDB audit is scheduled.

200. AUSWITCH (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Encountered the default leg of a switch statement which covers all cases. Static data may be invalid.

201. AUTMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from terminal maintenance (TM).

202. AUTSMMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A TSDATA audit message from the SM was out of order.

203. AUUNPROCESS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The entry point for the audit processes was called by a non-audit process.

204. AUUTDCKTDATA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to read the RLCKTDATA relation for universal tone decoder (UTD) information using a computed key. The stack or static data may contain invalid information.

205. AUUTGCKTDATA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to read the RLCKTDATA relation for universal tone generator (UTG) information using a computed key. The stack or static data may contain invalid information.

206. AU_WGETTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the AUWGETTYPE() macro.

207. AUWHILE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Encountered the end of an infinite loop. The process is corrupted.

208. AUWPERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit detected an error in a write-protected database dictionary; the pointer to the corrupt dictionary entry is passed back via the assert.

209. AUZAPICC (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The overseas international control center operators (ICC) system process will be purged on the AUZAP case for the CMIM audit to clean up the CM derived data links (DDL) data structures.

210. KAAPXCTBL (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: APXCTBL	Audit Mode: elev

Problem:

While performing update operations, Keep Alive (Audits) was unable to access a rIAPXCTBL tuple or found linkage data in the tuple in a corrupted state.

Probable Cause:

The associated process was purged before the related data in the RLAPXCTBL relation could be cleaned up.

Action:

Keep Alive update processing for the associated data will be terminated, the APXCTBL audit will be scheduled to recover any data corruption, and an mgINTERRUPT message will be sent to the terminal process (TP) that referred to this tuple, so that the TP is brought down.

211. KABADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM keep alive system process (AM-KASP) received an unrecognized operating system for distributed switching (OSDS) message type from the OSWGETMSG() macro.

No AM keep alive action, such as scheduling the AM keep alive audits to run in keep alive mode using the MGTIMER() macro or routing and terminal allocation (RTA) updates to the AM busy/idle bit maps using the MGSFGKA() macro, will take place. The AM-KASP will wait for a valid OSDS message from the OSWGETMSG() macro.

212. KABADTASK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive message handler in the CMP received an MGIDSKA message with an invalid or unspecified task.

Probable Cause:

The task was either not marked properly or corrupted.

Action:

The message will be ignored and no interprocessor data synchronization (IDS) keep alive processing will be scheduled.

213. KACALINFO (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CALINFO	Audit Mode: elev

Problem:

While performing update operations, Keep Alive (Audits) was unable to access a rICAL_INFO tuple or found linkage data in the tuple in a corrupted state.

Probable Cause:

The CALEA bridging process associated with the rICAL_INFO tuple was purged before the associated relational data could be cleaned up.

Action:

Keep Alive processing for the data will be discontinued and the CALINFO audit will be scheduled to recover any data corruption.

214. KACLDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLDB	Audit Mode: elev

Problem:

While attempting to provide keep alive update on a call park call process, the keep alive terminal process (KATP) could not access an associated rICLDB tuple for the rIPCBLA (call park process) tuple. No keep alive update can be performed on the call park process.

Probable Cause:

The rICLDB tuple was corrupted.

Action:

The CLDB audit is scheduled to try to clean up the problem.

215. KACRECORD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

While attempting to perform keep alive update for active simulated facilities group (SFG) calls, the SFG keep alive terminal process (KATP) was unable to access a rICRECORD (call record) tuple to determine if the associated call record is being used for a SFG call.

Probable Cause:

A Call Record tuple should exist for all Call Record Indexes between CRZERO and CRMAX. This assert indicates that there is some sort of corruption of the RLCRECORD relation (perhaps a missing tuple).

Action:

The call record is skipped this invocation of the KATP, and the CRECORD audit is scheduled to run in elevated

mode to correct the problem.

216. KADALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

While performing update operations, keep alive (Audits) was unable to access, or found linkage data corruption associated with a rDALB tuple.

Probable Cause:

The associated process was purged before the related data in the RLDALB relation could be recovered to an idle state.

Action:

Keep alive update processing for the associated data will be terminated, and the DALB audit will be scheduled to recover any ambient data in the RLDALB relation.

217. KADBFRTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) using the DBfrdtup() function.

218. KADISP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: ASPDISP	Audit Mode: elev

Problem:

While performing update operations, Keep Alive (Audits) was unable to access a rIASPDISP tuple or found linkage data in the tuple in a corrupted state.

Probable Cause:

The queuing TP associated with the rIASPDISP tuple was passing the incorrect data or it did not clean up the associated data in the rIPCBLA properly.

Action:

Keep Alive processing for the data will be discontinued and the ASPDISP audit will be scheduled to recover any data corruption.

219. KADPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

A data error was found in an rDPB tuple. It may be a key error or the tuple may not be populated. The AUDPB audit will be scheduled.

220. KAEQUIPDSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to provide keep alive update processing for an on-demand B-channel (ODB) packet multi-line hunt group (MLHG) member, the associated tuple in the static relation RLEQUIPDSL for a permanent packet B-channel (PPB) could not be accessed by the keep alive hunting terminal process (KAHUNTP).

Data Structures:
RLEQUIPDSL.

Action:

Remove the PPB from this MLHG member. If this is a common member, remove the PPB for both members.

If the PPB is desired for the member(s), re-insert the PPB. To re-insert the PPB, obtain the protocol handler (PH) number (ph_number), PH channel number (phcn), and party from the data dumped on the receive only printer (ROP). Using this data and the SM number from which the assert fired, use ODBE to access the corresponding tuple in the static relation RLSPRT_GP. Use the group and member number provided by the rLSPRT_GP tuple to access RC/V View 23.2 (DIGITAL SUBSCRIBER LINE) for the member. Remove the PPB from the MLHG member by blanking out the group (MLHG) and member (TERM) fields. If this is a common member, then the group and member number will correspond to both PPB1 and PPB2, and the PPB must be removed for PPB1 and PPB2. The PPB can be assigned as a single or common member.

221. KAERRDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from a dynamic access (DA) function.

222. KAERRDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from a database (DB) function.

223. KAGPAXDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: GPAXDB	Audit Mode: elev

Problem:

While performing update operations, Keep Alive (Audits) was unable to access a rLGPAXDB tuple or found linkage data in the tuple in a corrupted state.

Probable Cause:

The associated process was purged before the related data in the RLGPAXDB relation could be cleaned up.

Action:

Keep Alive update processing for the associated data will be terminated, and the GPAXDB audit will be scheduled to recover any data corruption.

224. KAGP_PT1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MUPHST	Audit Mode: elev

Problem:

An inconsistency exists between the rLMUPHST and rLGROUP_PORT tuples. There is an extra rLMUPHST tuple, or an rLGROUP_PORT tuple is missing.

225. KAGP_PT2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGLNSTAT	Audit Mode: elev

Problem:

A data error was found in an rLGLNSTAT tuple. It may be a key error or the tuple may not be populated. The AUFC_LGLNSTAT audit will be scheduled.

226. KAGP_PT3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNSTAT	Audit Mode: elev

Problem:

A data error was found in an rLNSTAT tuple. It may be key error, or the tuple was not populated. The AUFC_LNSTAT audit will be scheduled.

227. KAGRP_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive function for trunk groups found that an rGRP_PRT tuple is missing.

Data Structures:

RLGRP_PRT. Key field: group number.

Action:

For the group number, port type, and member given in the receive only printer (ROP) output, verify that the rGRP_PRT tuple exists and correct any errors.

228. KAHTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An invalid hunt type was found in the RLRTMHG relation. The RTMHG audit will be scheduled.

229. KA_INTERNAL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error occurred during the operation of a keep alive system process or terminal process. Data that the process was accessing or updating was corrupted, or the data was in an illegal state that will not allow the keep alive process to properly perform its functions. The calling process will be purged.

230. KAINVREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation ID was encountered.

231. KAISATUCD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ISATUCD	Audit Mode: elev

Problem:

A data error was found in an rISATUCD tuple. It may be a key error or the tuple may not be populated. The AUISATUCD audit will be scheduled.

232. KAKLGTKST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGTKSTAT	Audit Mode: elev

Problem:

One of the following occurred:

1. A keep alive function found an invalid key in an rLGTKSTAT tuple.
2. A keep alive function found an invalid hunt type in an rLRT_TRKG tuple.
3. An rLRT_TRKG tuple is missing. The LGTKSTAT audit will be scheduled to clear the error.

233. KAKTKQUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKQUE	Audit Mode: elev

Problem:

The keep alive function for trunk hunting found an rITKQUE tuple with an invalid key. The keep alive function for trunk groups found a missing rLKEYPORT tuple. The TKQUE audit will be scheduled to clear the error.

234. KAKTKSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKSTAT	Audit Mode: elev

Problem:

One of the following occurred:

1. A keep alive function found an invalid key in an rITKSTAT tuple.
2. A keep alive function found an invalid hunt type in an rLRT_TRKG tuple.
3. An rLRT_TRKG tuple is missing. The TKSTAT audit will be scheduled to clear the error.

235. KA_LGLNSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGLNSTAT	Audit Mode: elev

Problem:

A dynamic access (DA) function returned an unmatched rLGLNSTAT tuple key. The LGLNSTAT audit is scheduled to correct the key.

236. KALGMEM1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An inconsistency exists between the rLMUPHST and rLGMEM tuples. There is an extra rLMUPHST tuple, or an rLGMEM tuple is missing.

237. KALGMEM2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An inconsistency exists between the rLGLNSTAT and rLGMEM tuples. There is an extra rLGLNSTAT tuple, or an rLGMEM tuple is missing.

238. KALGP_PSGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep alive audits the rLGLNSTAT tuple and finds the corresponding tuples in the static relations RLRT_MHG and RLRT_LGMEM. The group and the member bit in the rLRT_LGMEM tuple indicate that the hunt group is equipped; therefore, a tuple in the static relations RLGROUP_PORT or RLPSGP_PRT should exist, but is not found.

Data Structures:

RLRT_MHG, RLRT_LGMEM, RLGROUP_PORT, RLPSGP_PRT.

Action:

For the hunting module, multi-line hunt group (MLHG) number, member, and the member value information given in the receive only printer (ROP) output, use RC/V (or ODBE, if necessary) to verify the RLRT_MHG, RLRT_LGMEM, RLGROUP_PORT, and RLPSGP_PRT relations and correct any inconsistencies.

Check the hunt type in the rLRT_MHG tuple to determine which tuple is missing (rLGROUP_PORT or rLPSGP_PRT) and populate it, or the member bit in the rLRT_LGMEM tuple should be cleared to indicate that the hunt group is not equipped (no rLGROUP_PORT or rLPSGP_PRT tuple should exist).

RC/V View 3.5 (MULTILINE HUNT GROUP), View 3.2 (MULTILINE HUNT GROUP MEMBER), and View 1.2 (MULTILINE HUNT GROUP LINE) are used to display data for the MLHG.

239. KALGRPPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GRPPORT	Audit Mode: elev

Problem:

The DAGETLGMEM() macro returned an unmatched rLGMEM tuple key while running keep alive for a tuple in the dynamic relation RLLGLNSTAT. The GRPPORT audit will be scheduled to verify and insert the missing rLGMEM tuple.

240. KALGRT_SFG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGSFSTAT	Audit Mode: elev

Problem:

While running in keep alive mode, an attempt was made by the LGSFSTAT audit to access a corresponding tuple in the static relation RLRT_SFG. This tuple could not be found. The attempt to provide keep alive on the rLGSFSTAT tuple will be aborted, and the LGSFSTAT audit will be scheduled to delete the extra rLGSFSTAT tuple.

241. KA_LGSFSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGSFSTAT	Audit Mode: elev

Problem:

While running in keep alive segmented mode, the LGSFSTAT audit could not access a rLGSFSTAT dynamic tuple for a given rLRT_SFG static tuple.

Probable Cause:

There is a missing rLGSFSTAT dynamic tuple.

Action:

Keep alive processing is aborted and the LGSFSTAT audit is rescheduled in Routine segmented mode to try to insert the missing rLGSFSTAT dynamic tuple.

242. KALLNSTXTRA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGLNSTAT	Audit Mode: elev

Problem:

Keep alive running on an rLGLNSTAT tuple determines that it is an extra tuple. The LGLNSTAT audit will be scheduled to verify and delete this tuple.

243. KA_LNSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNSTAT	Audit Mode: elev

Problem:

A dynamic access (DA) function returned an unmatched rLNSTAT tuple key. The LGLNSTAT audit will be scheduled to correct the key.

244. KALNSTXTRA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNSTAT	Audit Mode: elev

Problem:

Keep alive running on an rLNSTAT tuple determines that this is an extra tuple. The LNSTAT audit will be scheduled to verify and delete the tuple.

245. KALPSGRPPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PSGRPPORT	Audit Mode: elev

Problem:

The DAGETLGMEM() macro returned an unmatched rILGMEM tuple key while running keep alive for a tuple in the dynamic relation RLLGLNSTAT. The PSGRPPORT audit will be scheduled to verify and insert the missing rILGMEM tuple.

246. KALRTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGLNSTAT	Audit Mode: elev

Problem:

No tuple was found in the static relation RLRTMHG while running keep alive for a tuple in the dynamic relation RLLGLNSTAT. The LGLNSTAT audit will be scheduled to delete the extra rLGLNSTAT tuple.

247. KALTMSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LTMSTAT	Audit Mode: elev

Problem:

A data error was found in an rLTMSTAT tuple. It may be a key error or the tuple may not be populated. The AULTMSTAT audit will be scheduled.

248. KAMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MDB	Audit Mode: elev

Problem:

While attempting to perform keep alive update for a call park call process, the keep alive terminal process (KATP) could not access the rIMDB tuple associated with the call park process rIPCBLA tuple. No keep alive update can be performed for the "parked" call.

Probable Cause:

The rIMDB tuple for the call park call process was corrupted.

Action:

The MDB audit is scheduled to try to clean up the problem.

249. KAMEM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An inconsistency exists between the rILNSTAT and rIMEM tuples. There is an extra rILNSTAT tuple, or an rIMEM tuple is missing.

250. KAMGRP_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep alive audits the rIRTMUPHST tuple and finds the corresponding tuples in the static relations RLRT_MHG and RLRT_LGMEM. The group and the member bit in the rIRT_LGMEM tuple indicate that the hunt group is equipped; therefore, an associated tuple in the static relation RLGROUP_PORT should exist, but is not found.

Data Structures:

RLRT_MHG, RLRT_LGMEM, RLGROUP_PORT.

Action:

For the hunting module, multi-line hunt group (MLHG) number, member, and the member value information given in the receive only printer (ROP) output, use RC/V (or ODBE, if necessary) to verify the RLRT_MHG, RLRT_LGMEM, and RLGROUP_PORT relations and correct any data inconsistencies.

Either the rIGROUP_PORT tuple should be populated, or the member bit in rIRT_LGMEM should be cleared to indicate that the hunt group is not equipped (no rIGROUP_PORT tuple should exist).

RC/V View 3.5 (MULTILINE HUNT GROUP), View 3.2 (MULTILINE HUNT GROUP MEMBER) and View 1.2 (MULTILINE HUNT GROUP LINE) are used to display data for the MLHG.

251. KAMRT_LGM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep alive audits the rIRTMUPHST tuple and finds the corresponding tuple in the static relation RLRT_MHG. This static data indicates that the current SM is the hunting SM; therefore, an associated tuple in the static relation RLRT_LGMEM should exist, but is not found. An inconsistency exists between the RLRT_MHG and RLRT_LGMEM relations.

Data Structures:

RLRT_MHG, RLRT_LGMEM.

Action:

For the key and SM module given in the receive only printer (ROP) output, use RC/V (or ODBE, if necessary) to verify that the rIRT_MHG and rIRT_LGMEM tuples exist and correct any data inconsistencies. RC/V View 3.5 (MULTILINE HUNT GROUP) and View 1.2 (MULTILINE HUNT GROUP LINE) are used to display data for the multi-line hunt group (MLHG).

252. KAMRTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MUPHST	Audit Mode: elev

Problem:

No tuple was found in the static relation RLRTMHG while running keep alive for a tuple in the dynamic relation RLRTMUPHST. The MUPHST audit is scheduled to delete the extra rLRTMUPHST tuple.

253. KA_MUPHST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MUPHST	Audit Mode: elev

Problem:

The DBretrvblk() function failed to get an rLMUPHST tuple while running keep alive for a tuple in the dynamic relation RLMUPHST. The MUPHST audit will be scheduled to verify the rLMUPHST tuple.

254. KANOKAFCN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive function for the audit identification passed to the KAgetaud() function was not found in the keep alive function table KAfcntbl[].

255. KAODPSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive multi-line hunt group (MLHG) and trunk hunting terminal process (KAHUNTP) could not access an rLODPSOP tuple. This occurred while keep alive was trying to provide update for an on-demand B-channel (ODB) packet associated with an MLHG member.

Data Structures:

RLODPSOP.

Action:

Obtain the port and party dumped on the receive only printer (ROP). Use ODBE to access the rIDSLEQUIP tuple with the dsl (key) field equal to the port dumped. Once the tuple is accessed, modify the odb_mhg field. This field is a bit map. Clear (set to 0) the bit in this map whose position (0 through 7) was dumped for the party on the ROP.

256. KAOORTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The audits keep alive system process received an OSERANGE error from the OSTIMER() macro.

257. KAPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

While performing update operations, keep alive (Audits) was unable to access a rIPCBLA tuple, or found linkage data in the tuple in a corrupted state.

Probable Cause:

The process owing the RLPCBLA data was purged before the associated relational data could be cleaned up.

Action:

Keep alive processing for the data will be discontinued, and the PCBLA audit will be scheduled to recover any

ambient data corruption.

258. KAPCBLAKEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

When accessing an rIPCBLA tuple, the key passed to the DAgetpcbla() function and the key of the rIPCBLA tuple do not match. Possible data corruption may have occurred in the rIPCBLA tuple.

259. KAPKLOT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PARKLOT	Audit Mode: elev

Problem:

While attempting to provide keep alive update on a table entry in the RLPARK_LOT relation, keep alive could not find the associated rIPARK_LOT tuple for the call park terminal process requesting the update.

Probable Cause:

When a "parked" call was taken down, the RLPARK_LOT table entry was deleted, but the call park process for the "parked" call was left busy.

Action:

Keep alive will forward an MGCPARKA message to the call park model. After receiving this message, the model will clean up the process and all other related data. In addition, keep alive will schedule the PARKLOT audit to try to clean up any corruption of the entries in the RLPARK_LOT relation.

260. KAPORTGRP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPORT_GROUP tuple is missing for this multi-line hunt group (MLHG) member.

261. KAPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A data error was found in an rIPORTLA tuple. It may be a key error or the tuple may not be populated. The AUFC_PORTLA audit will be scheduled.

262. KAPORTTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to provide keep alive update processing for a channel selection MLHG member, the associated rIFC_PORTTYP static tuple or rICKT_PORT static tuple for a PPB B-channel could not be accessed by the keep alive hunting terminal process (KAHUNTTP).

Data Structures:

RLFC_PORTTYP
RLCKT_PORT

Action:

The B-channel assigned attribute (bchan2.assigned) in the rICDNCHAN tuple indicates that a second B-channel is

assigned (DBYES) and the B-channel packet switching common channel type attribute (bchan2.cctype) indicates that the second B-channel is a permanent packet B-channel type. However, the corresponding rIFC_PORTTYP tuple for the B-channel port (bport) was not found in the data base or the corresponding rICKT_PORT tuple was not found in the data base. The rICDNCHAN, rIFC_PORTTYP, and rICKT_PORT tuples need to be made consistent in the database.

263. KAPROGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid keep alive terminal process identification was passed to the OSCREATE() macro. The keep alive terminal process will not be created.

264. KAPRT_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive function for trunk groups found that an rIPORT_GROUP tuple is missing.

Data Structures:

RLPORT_GROUP. Key field: group number.

Action:

For the group number, port type, and member given in the receive only printer (ROP) output, verify that the rIPORT_GROUP tuple exists and correct any errors.

265. KAPSGRP_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive function for trunk groups found that an rIPSGP_PRT tuple is missing.

Data Structures:

RLPSGP_PRT. Key field: group number.

Action:

For the group number, port type, and member given in the receive only printer (ROP) output, verify that the rIPSGP_PRT tuple exists and correct any errors.

266. KAPSPRT_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keep alive function for trunk groups found that an rIPSPRT_GP tuple is missing.

Data Structures:

RLPSRT_GP. Key field: group number for packet switched trunks.

Action:

For the group number, port type, and member given in the receive only printer (ROP) output, verify that the rIPSPRT_GP tuple exists in the SM where the assert fired.

267. KARDTADATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RDTADATA	Audit Mode: elev

Problem:

While running in keep alive mode, the RDTADATA audit detected a stuck session entry (session data exists in the AM, but no corresponding RDTA process exists in the SM). In the process of correcting the AM data, a corresponding TMrda_ports[] array entry could not be located, and idled out. The RDTADATA routine audit is scheduled to clean up the data inconsistency.

268. KAR_LGM1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GRPPORT	Audit Mode: elev

Problem:

The DAGETLGMEM() macro returns an unmatched rLGMEM tuple key while running keep alive for a tuple in the dynamic relation RLMUPHST. The GRPPORT audit will be scheduled to verify and insert the missing rLMUPHST tuple.

269. KAR_LGM2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGLNSTAT	Audit Mode: elev

Problem:

An inconsistency exists between the rLGLNSTAT and rLRT_LGMEM tuples. There is an extra rLGLNSTAT tuple, or an rLRT_LGMEM tuple is missing.

270. KARSTBSTAT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep Alive (Audits) was unable to access an RSTBSTAT tuple while performing Keep Alive updating operations for the RAIU test AP remote site test bus application.

Probable Cause:

One or more tuples of the RSTBSTAT relation in the AM is in a corrupted state. This error might also suggest that one or more tuples of the SITEOWN relation in the SM is in a corrupted state.

Action:

Processing of the Keep Alive update will be aborted, and the RSTBSTAT audit will be scheduled to try to recover the corruption.

271. KART_LGM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep alive audits an rLGLNSTAT tuple and finds the corresponding tuple in the static relation RLRT_MHG. This static data indicates that the current SM is the hunting SM; therefore, an associated tuple in the static relation RLRT_LGMEM should exist, but is not found. An inconsistency exists between the RLRT_MHG and RLRT_LGMEM relations.

Data Structures:

RLRT_MHG, RLRT_LGMEM.

Action:

For the key and SM module given in the receive only printer (ROP) output, verify that the rLRT_MHG and

rIRT_LGMEM tuples exist. Use RC/V (or ODBE, if necessary) to correct any data inconsistencies. RC/V View 3.5 (MULTILINE HUNT GROUP) and View 1.2 (MULTILINE HUNT GROUP LINE) are used to display data for a multi-line hunt group (MLHG).

272. KART_MEM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNSTAT	Audit Mode: elev

Problem:

An inconsistency exists between the rLNSTAT and rIRT_MEM tuples. There is an extra rLNSTAT tuple, or an rIRT_MEM tuple is missing.

273. KART_SFG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SFSTAT	Audit Mode: elev

Problem:

While running in keep alive mode, an attempt was made by the SFSTAT audit to access a corresponding tuple in the static relation RLRT_SFG. This tuple could not be found. The attempt to run keep alive on the rLSFSTAT tuple will be aborted, and the SFSTAT audit will be scheduled to delete the extra rSFSTAT tuple.

274. KA_SFGCOR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SFGCOR	Audit Mode: elev

Problem:

While attempting to perform keep alive update for a simulated facilities group (SFG) call, the keep alive terminal process (KATP) for SFG update could not locate an associated rIFSGCOR tuple for a given rLCRECORD tuple which was on the busy list and had its sfg_call bit set (for non-6 Port SFG calls) or for a given bit marked in the RTccsfg[] conference circuit SFG bitmap array (for 6 port SFG calls).

Probable Cause:

The RLCRECORD and/or RLSFGCOR relations are corrupted, and/or the RTccsfg[] array is corrupted.

Action:

The SFGCOR audit (and CRECORD related audit) is scheduled to correct the problem.

275. KA_SFSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SFSTAT	Audit Mode: elev

Problem:

While running in keep alive segmented mode, the SFSTAT audit could not access a rLSFSTAT dynamic tuple for a given rIRT_SFG static tuple.

Probable Cause:

There is a missing rLSFSTAT dynamic tuple.

Action:

Keep alive processing is aborted and the SFSTAT audit is rescheduled in routine segmented mode to try to insert the missing rLSFSTAT dynamic tuple.

276. KASGP_PSGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep alive audits the rLNSTAT tuple and finds the corresponding tuples in the static relations RLRT_MHG and RLRT_MEM. The group and the member bit in the rLRT_MEM tuple indicate that the hunt group is equipped; therefore, an associated tuple should exist in the static relation rLGROUP_PORT or rLPSGP_PRT, but is not found.

Data Structures:

RLRT_MHG, RLRT_MEM, RLGROUP_PORT, RLPSGP_PRT.

Action:

For the hunting module, multi-line hunt group (MLHG) group number, member, and the member value information given in the receive only printer (ROP) output, use RC/V (or ODBE, if necessary) to verify the RLRT_MHG, RLRT_MEM, RLGROUP_PORT, and RLPSGP_PRT relations and correct any inconsistencies.

Check the hunt type in the rLRT_MHG tuple to determine which tuple is missing (rLGROUP_PORT or rLPSGP_PRT) and populate it, or the member bit in the rLRT_MEM tuple should be cleared to indicate that the hunt group is not equipped (no rLGROUP_PORT or rLPSGP_PRT tuple should exist).

RC/V View 3.5 (MULTILINE HUNT GROUP) and View 3.2 (MULTILINE HUNT GROUP MEMBER) are used to display data for the MLHG.

277. KASGRPPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GRPPORT	Audit Mode: elev

Problem:

The DAGETMEM() macro returned an unmatched rMEM tuple key while running keep alive for a tuple in the dynamic relation RLLNSTAT. The GRPPORT audit will be scheduled to verify and insert missing the rMEM tuple.

278. KASPMS_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return from the OSWGETMSG() macro was received by the AM keep alive system process (AM-KASP). The AM-KASP will not attempt to process the message, but will wait for a valid operating system for distributed switching (OSDS) message.

279. KASP_REASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM keep alive system process (AM-KASP) should be created only after a system initialization, a system re-initialization, or a single process purge (SPP). The AM-KASP was invalidly created and will be purged.

280. KASPSGRPPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PSGRPPORT	Audit Mode: elev

Problem:

The DAGETMEM() macro returned an unmatched rMEM tuple key while running keep alive for a tuple in the dynamic relation RLLNSTAT. The PSGRPPORT audit will be scheduled to verify and insert the missing rMEM tuple.

281. KASPTMR_TAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM keep alive system process (AM-KASP) received an MGTIMER message from the OSWGETMSG() macro; however, the timer tag associated with this message was unrecognized by the AM-KASP. No AM keep alive audit scheduling will take place during this particular 10 minute cycle.

282. KASRT_MEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Keep alive audits the rLNSTAT tuple and finds the corresponding tuple in the static relation RLRT_MHG. This static data indicates that the current SM is the hunting SM; therefore, an associated tuple in the static relation RLRT_MEM should exist, but is not found. An inconsistency exists between the RLRT_MHG and RLRT_MEM relations.

Data Structures:

RLRT_MHG, RLRT_MEM.

Action:

For the key and SM module given in the receive only printer (ROP) output, use RC/V (or ODBE, if necessary) to verify that the rLRT_MHG and rLRT_MEM tuples exist and correct any data inconsistencies. RC/V View 3.5 (MULTILINE HUNT GROUP) is used to display data for the multi-line hunt group (MLHG).

283. KASRTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNSTAT	Audit Mode: elev

Problem:

No tuple was found in the static relation RLRTMHG while running keep alive for a tuple in the dynamic relation RLNSTAT. The LNSTAT audit will be scheduled to delete the extra rLNSTAT tuple.

284. KATEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

A data error was found in an rTEDB tuple. It may be a key error or the tuple may not be populated. The AUTEDB audit will be scheduled.

285. KATIMERTAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGTIMER message which is used by keep alive to create the SM resident keep alive terminal process (KATP), had a timer tag that was not recognized. The only timer tags recognized by keep alive are OSMPT1 (5 minute timer) and OSMPT2 (one shot timer, used when system resources are at a minimum). The attempt to create the KATP was aborted, and control was returned to the SM master system process.

286. KAXTRAMUPHST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MUPHST	Audit Mode: elev

Problem:

Keep alive running on an rLMUPHST tuple determines that it is an extra tuple. The MUPHST audit will be scheduled to verify and delete this tuple.

Range: aupp**1. AUBADMANNER (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit that resides in the protocol handler (PH) or packet interface (PI) processor was invoked in an undefined manner (i.e., not AUZAP or AUSTART). This may indicate a problem in the function that called the entry function, or the stack may have been corrupted since the manner is passed as the first argument to the entry function.

2. AUBADMODE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit that resides in the protocol handler (PH) or packet interface (PI) processor was called with a mode that was not AUSEGMENTED, AUINIT1, or AUDEMAND. This may indicate a problem in the function that set up the global variable AUmode and/or called the audit, or the AUmode variable may have been corrupted.

3. AUBADPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit that resides in the protocol handler (PH) or packet interface (PI) processor was called with an unexpected parameter.

4. AUBADUSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An AU function has been called with a bad parameter.

Probable Cause:

The calling function may be trying to use an interface inappropriately.

Action:

Look at the called function to determine the exact problem (that is, which parameter is involved and why it is "bad"). Look at the calling function to determine what the AU function call was intended to do. Either the calling or called function will then need to be modified.

5. AUBDTTY (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the Slttymsg() function.

6. AUERALARM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The alarm index used for transient timing is out of range.

7. AUERTRAN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit called an audit transient timing function that is not in the alarm table.

8. AUPSACID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid audit name was requested in the protocol handler (PH) or packet interface (PI). One of the following may have occurred:

- The audit does not exist.
- The audit does not exist in the requested processor.
- The audit is valid in the requested processor, but is not allowed to run.

9. AUPSACSEG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit was taking too many segments.

10. AUPSBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from a function called by protocol handler (PH) or packet interface (PI) audits.

11. AUPSBDMMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by a routine audit process.

12. AUPSCOND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A condition was set incorrectly by a protocol handler (PH) or packet interface (PI) audit in a report structure.

13. AUPSERREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUDIR process was created with an invalid reason.

14. AUPSFUNC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No function exists for the audit ID that was scheduled.

15. AUPSITYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid audit operation (such as inhibit or allow) was received by audit control. Audit control does not know what operation to perform.

16. AUPSLRBDPOOL (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A corruption of the local area network (LAN) receive buffer descriptor (RBD) pool was detected. This problem requires a high level initialization in order to recover reliably.

17. AUPSMOD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AUmode audit control variable is invalid.

18. AUPSMSLG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow was encountered in a routine audit process.

19. AUPSTOPER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was found in the stop flag for audits.

20. AUPSTYLG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The type field in the dump message was too large, a positive number was found. The type field always expects a negative number.

21. KAPSPGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to create the keep alive terminal process (KATP) for packet multi-line hunt group (MLHG)/trunk update [all protocol handlers (PHs)], or the KATP for packet business group (PBG) update (PH3s only), an invalid terminal process identifier was passed to the operating system (OS). The affected KATP will not be created in this PH.

Range: ccs**1. CCACBADMSG (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad message subtype passed into the CCphdamsg function for the message type MGACCOUNTS.

Probable Cause:

A message was sent to the protocol handler data access (PHDA) system process when it should have gone elsewhere.

Action:

No manual action is needed.

2. CCACCTCODE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

400 Hz carrier tone requested but not provisioned as system tone for ISUP account code collection on LATA trunks.

ACCT PROMPT (in RC/V View 5.1 [TRUNK GROUP]) == CARRIER or ACCT PROMPT (in RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)]) == CARRIER but the field CARRIER TONE (in RC/V View 8.1) == N

The TRUNK GROUP and trunk group MEMBER NUMBER are printed in this assert. The TRUNK GROUP can be used as key to RC/V View 5.1

Data Structures:

- Global parameter, Glcartone
- rIFC_TRUNK.acctprompt
- Global parameter, Glactprmt

Action:

There are two options:

- Set the value of "CARRIER TONE" in RC/V View 8.1 to "Y" or
- If the value of "ACCT PROMPT" in RC/V View 5.1 is set to "GLOBAL", set the value of "ACCT PROMPT" in RC/V View 8.1 to "BEEP2" else set the value of "ACCT PROMPT" in RC/V View 5.1 to "BEEP2".

3. CCADDLSMCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to add an entry to the CCismccstat[] table, but the MCC counters (CCtotls, CCfirstls[], and CClastls[]) indicate that the table is full. This would indicate that the RC/V code has allowed a link set addition when it should not have done so, or that the counters have been corrupted. If the counters are bad, audits should eventually CCS protocols. CCS protocol-specific audits handle the portions of the tables appropriate to the CCS protocol which they service. The following audits will correct these counters, if they are wrong, and can be manually

invoked via the "ST-AUDSM:sm=<SM #>, audit=<audit name>,"

C7INTL/C7NATL (CCITT7) link sets: LSATA
 CCSNA7 (North American CCS7) link sets: NA7LS
 CCITT6: LS6

The contents of the MCC counters will be dumped as part of the audit information:

CCtotls Total number of link sets for all protocols in the GSM. A value of CCMAX_LNKSET indicates the table is full.

CCfirstls[] First link set entry in CCIsmmcstat[] table for each protocol. A value of CCMAX_LNKSET indicates that the table is full.

CClastls[] Last link set entry in CCIsmmcstat[] table for each protocol. A value of CCMAX_LNKSET indicates that the table is full.

CCMAX_LNKSET is 80 (decimal) in 5EE3(2)
 Order of entries: C7NATL, CCSNA7, CCITT6, C7INTL

4. CCADM_ELAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CVADMGP	Audit Mode: elev

Problem:

For SCCP Conversion table: CCADMGRP a tuple was found to be in error, (either not in the table when it should have been OR in the table when it should not have been), and this condition may have been corrected. Although this is an unlikely situation, it is a very bad indication of trouble in the SM: therefore an assert calling an elevated audit must be called in order to find further errors, (if any), and correct them, (if needed).

5. CCADSIIENT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the CCadsiin() function, the direct link node (DLN) system integrity (SI) system process in the AM.

6. CCADSIUMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code or an unexpected message was received by the CCadsiin() function, the direct link node (DLN) system integrity (SI) system process in the AM.

7. CCALLOCERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cannot allocate room for DMERT message using the allocmsg() command.

8. CCAMTOUP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamtoup() function could not successfully format a message.

9. CCAODRBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM memory for the CCITT7 MTP accounting tables has not been allocated correctly. The translation tables will not be available for the accounting feature. (Either no memory has been allocated or the amount of memory allocated is insufficient).

Probable Cause:

The accounting ODR region was not allocated by SI.

Action:

Re-initialize the GSM.

10. CCAPCI_APC (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: APCIAPC	Audit Mode: elev

Problem:

Failure to insert a tuple in RLAPC_STAT.

Probable Cause:

Unknown.

Action:

This assert will invoke an audit to bring the data back to a consistent state. No manual action is needed.

11. CCAPCRES (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: APCSTAT	Audit Mode: elev

Problem:

A linkage problem has been detected between the owning CCRESTRTMR and the CCAPC_STAT entry.

Probable Cause:

The CCAPC_STAT structure that indicates that the APC was on MTP restart timing structure has unexpectedly been removed from the list of APCs being timed.

Action:

Note occurrence and report problem to field support with all associated ROP data. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

12. CCAPC_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: APCSTAT	Audit Mode: elev

Problem:

Failure to delete or update a tuple in RLAPC_STAT.

Probable Cause:

Unknown.

Action:

This assert will invoke an audit to bring the data back to a consistent state. No manual action is needed.

13. CCAPPL_PLAT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the RLAPPL_PLAT relation which contains information on the signaling system 7 platform to use for direct signaling applications.

Data Structures:

RLAPPL_PLAT. Key fields: switching module, direct signaling application.

Action:

Insert a rIAPPL_PLAT tuple with the appropriate information using RC/V View 8.42 (CCS TCAP APPLICATION).

Verify that all direct signaling applications that are populated on RC/V View 8.17 (DIRECT SIGNALING APPLICATION) are populated on RC/V View 8.42 (CCS TCAP APPLICATION). RC/V view 8.42 contains the switching module and direct signaling application as keys and the platform as an attribute.

14. CCAPXBADDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error in SM number or trunk data in this message from the ECPC.

Data Structures:

Input message.

Action:

Consult ECPC/5ESS[®] switch data for this trunk and update as needed

15. CCASMMAPBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DCSI process detected a error in the *AUTOPLEX*[®] SM bit map in the DLN (us) or PH (intl).

Probable Cause:

Data corruption of the map.

Action:

The map is updated from parameters Glapx1_2sm through Glapx7_2sm prior to calling this assert.

16. CCASPNLOAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ASP call originated on a common channel signaling, CCITT version 7 (CCS7) integrated services digital network (ISDN) user part (ISUP) trunk, but the PVN_SUP loadable package was not available on this SM. The call will be torn down.

17. CCAUPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

While trying to set up an incoming call over an integrated services digital network (ISDN) user part (ISUP) trunk, a discrepancy was discovered between the port the call was received on and the port identified in the port linkage area. The call was released with a REL message with cause value #41 "temporary failure". This problem was probably caused by corrupt dynamic data in the port linkage area. An audit of the port linkage area will be run.

Action:

Contact the next level of support.

18. CCBAD2_CACHE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to find valid or empty entry in the CCtf_cache array. Dumps array CCtf_cache.

19. CCBADACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid action code was encountered by PHDA.

20. CCBADAMCMCID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLAMCMCID relation. The AM cellular mobile carrier ID number data was corrupted or incorrectly populated.

Data Structures:

RLAMCMCID. Key fields: cmc_id.

Action:

Use RC/V View 10.16 (CMC IDENTIFICATION) to insert an rLAMCMCID tuple with the appropriate information for the use of the trunk.

21. CCBADAMTKGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLAMTKGP relation. The trunk data was corrupted or incorrectly populated, and the necessary trunk data to process the call is missing.

Data Structures:

RLAMTKGP. Key fields: grpnum.

Action:

Use RC/V View 5.1 (TRUNK GROUP) to insert an rLAMTKGP tuple with the appropriate information for the use of the trunk.

22. CCBADAPXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad *AUTOPLEX*[®] operating system for distributed switching (OSDS) message was received by this process.

Probable Cause:

Invalid OSDS message type field.

23. CCBAD_CACHE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or unexpected value for the variable of type CCCACHE_ACTION. Dumps array CCtf_cache.

24. CCBADCONGUPD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected value for the congestion update mechanism contained in the global parameter Glcongupd.

25. CCBAD_COS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsupported class of service was encountered while processing an advanced mobile phone system (AMPS) origination. The call was routed from the AMPS digital cellular switch (DCS) to the public switched telephone network (PSTN) via an integrated services digital network (ISDN) user part (ISUP) trunk when the unsupported class of service was encountered.

Probable Cause:

The trunk used to route from the AMPS DCS to the PSTN is assigned an invalid class of service.

Action:

Change the class of service of the trunk whose trunk group number was displayed in the assert data dump to "IC" or "LTOLL".

26. CCBADCPSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor (CMP) call processing state was unexpected and it was corrected.

27. CCBADDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data did not match the expected range or type.

28. CCBADDDTRG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown parameter was passed to the CCddupdate() function.

29. CCBADDP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DPC could not be translated to a dpci in relation RLDPC_DPCI.

30. CCBADDEVENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that some event other than a message or an OSWAKE1 call was received by PHDA. The event is ignored.

31. CCBADFC_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLFC_TRUNK relation. The trunk data was corrupted or incorrectly populated, and the necessary trunk data to process the call is missing.

Data Structures:

RLFC_TRUNK. Key fields: member, module.

Action:

Use RC/V View 5.1 (TRUNK GROUP) to insert an rIFC_TRUNK tuple with the appropriate information for the use of the trunk.

32. CCBADICT (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data found in protocol handler data administrator (PHDA) table access dictionary.

33. CCBADJOB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid job type was requested of the protocol handler data administrator (PHDA) system process.

Probable Cause:

The probable cause is a software error with the process that scheduled the job.

Action:

The job is ignored by PHDA. The contents of the job buffer is dumped to the ROP for debugging purposes. This will identify the software process that scheduled the job.

34. CCBADKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to access a protocol handler data administrator (PHDA) indexed table with an invalid key.

35. CCBADLEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message signal unit of illegal length passed by PI FIFO unloader.

36. CCBAD_LNK_MNG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or unexpected entry in array lnk_mng. Dumps array lnk_mng starting with element lnk_mng[dpci], where dpci is the point code index being currently examined.

37. CCBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid 5ESS[®] switch internal message or common channel signaling (CCS) message was encountered by message formatting using the CCsendmsg() function.

38. CCBADNS_TN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TN	Audit Mode: elev

Problem:

An rNS_TN tuple was not available from the idle list, or errors occurred while trying to add the new NS_TN to the busy list and the process control block link area (PCBLA).

39. CCBADODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In initializing the protocol handler(s), a discrepancy was found within the SM ODD between one of the following relations:

- RLMDPATH and RLDSLEQUIP
- RLLNKP_LS and RLDSLEQUIP
- RLLAB7_SM and RLDPC_STAT (dynamic data)
- RLLAB7_SM and RLINDX
- RLDPC_INFO and RLDPC_STAT (dynamic data)
- RLDPC_INFO and RLINDX
- RLPOLICING and RLINDX
- RLALGTMRS not populated for all SDL data rates
- RLSS7TMRS unpopulated
- RLOFFPAR unpopulated
- RLQENDPTS unpopulated
- RLDPC_STAT and RLLS_STAT (both dynamic data structures)
- RLLNK_STAT and RLLS_STAT (both dynamic data structures)
- RLPOL_MTX and RLINDX

This problem will result in a failure to initialize the protocol handler(s).

Data Structures:

Data 1: The relation identifier.

Data 2: The key which was used to access the relation.

Action:

If the problem is an ODD inconsistency, then fixes must be made to the tuple in question. If the problem is in one of the dynamic relations, then the appropriate audit for the relation should be called before proceeding with the initialization. If none of the above fixes solve the problem, then there may be an internal software problem within the protocol handler data administrator.

40. CCBADPSUEVNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common channel maintenance administration (CCMA) process received bogus event in MGsmupdt message at CCsmupdt().

41. CCBADRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad return code.

42. CCBADREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCmdopam() could not recognize the type of input for OPST-MD.

43. CCBADSRCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid "srctype" parameter has been passed to the ccs/CCmcc/CCfindls() function. The "srctype" parameter must be one of the enumerations specified in the CCSRCTYP enumeration in the uhdr/ccs/CCmccupd.G global header. Failure is returned to the calling routine.

44. CCBADSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid common channel signaling (CCS) state (as defined in ccs/hdr/CCstate.h) was encountered.

45. CCBADTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid protocol handler data administrator (PHDA) table identifier was encountered.

46. CCBADTTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Input message received by CTTY terminal process was found to be corrupted. CCSLK or MD input command just entered will be aborted.

Data Structures:

None.

Action:

Reenter input command.

47. CCBADUPART (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid common channel signaling (CCS) user part (that is, DBTUP7, DBISUP7, or DBCCIS6) was encountered.

48. CCBCCR_NS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

An error indicating an incorrect linkage from the call record to the RLNS_IDX relation occurred when the network services (NS) software tried to retrieve an rINS_IDX tuple that was linked to the call record. The call record audit will be scheduled to clean up the linkage problem.

49. CCB CSTQFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

attempt was made to place a message on the SCCP management broadcast queue when it was full. If this assert occurs the message will not be processed.

50. CCB DRTSD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to a remote signaling point (RSP) service domain interface function has returned an indication to the RSP application domain that a parameter passed into the function was invalid. Therefore, the application request will not be honored and the RSP application domain must take recovery actions.

51. CCB GRPNET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a leased network (LN) common channel signaling (CCS) trunk origination, the automatic route selection (ARS) local group ID associated with this leased network office did not have a corresponding rGRP_NET tuple in its data. The affected call was sent to reorder.

Data Structures:

RLGRP_NET. Key field: argp.

Action:

Determine the validity of the ARS group ID indicated. Use RC/V View 10.5 (ARS GROUP DEFINITION) to insert the missing tuple.

52. CCBLNDAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call requiring a query to the LN network control point (NCP) database was made on a common channel signaling (CCS) LN trunk; but the LN digit analysis selector (DAS), global office parameter GIndas, was not set.

In the RLFC_TRUNK relation, the trunk is marked as an LN query trunk; that is, the In_type attribute is set to LN_QRY. Such trunks are required to send queries to the NCP for routing information. Before a query can be sent to the NCP, a 3-digit screening is required on the number dialed. The LN DAS points to the DAS to be used for this screening.

The affected call was sent to reorder. No LN_QRY calls will complete until this problem is corrected.

Data Structures:

RLFC_TRUNK. Key fields: member, module.

Action:

Determine whether the RLFC_TRUNK In_type field or the LN DAS is incorrect. If the trunk is a valid LN_QRY trunk, set the LN DAS using RC/V View 8.15 (CCS OFFICE PARAMETERS). If the trunk is not a valid LN_QRY trunk, notify your next level of support.

53. CCBNETGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic route selection (ARS) network group ID received in the initial address message (IAM) at the via switch for the leased network (LN) application, did not have a corresponding local ARS group ID in the RLNET_GPID relation. No LN calls that receive the indicated group ID will complete until this problem is corrected.

Data Structures:

RLNET_GPID. Key field: gpid.

Action:

Determine the corresponding internal ARS group ID for the network ARS ID indicated. Use RC/V View 10.5 (ARS GROUP DEFINITION) to update or insert the rINET_GPID tuple to support the leased network customer network ID.

54. CCBNS_IDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

An error indicating incorrect linkages in the RLNS_IDX relation occurred when the network services (NS) software tried to retrieve an rINS_IDX tuple. The AUnsidx audit will be scheduled to clean up the linkage problem.

55. CCC7LCG_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LINK	Audit Mode: elev

Problem:

The counter for number of CCITT7 link sets in congestion was found to be negative. As a result, the NMCCS_CONG discrete may be incorrectly set. An audit will be scheduled to correct it.

56. CCC7LOSS_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

The counter for number of inaccessible CCITT7 DPCs was found to be negative. As a result, the NMCCS_LOSS discrete may be incorrectly set. An audit will be scheduled to correct it.

57. CCC7RCG_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

The counter for number of remotely congested CCITT7 DPCs was found to be negative. As a result, the NMCCS_CONG discrete may be incorrectly set. An audit will be scheduled to correct it.

58. CCCASE_BAD_SW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Upon entering the table build function: CCconv_init, (file: CCcv_init.c), for generic 5EE4_3P used to construct the SCCP conversion tables, (CCcldpty.h, CCcngpty.h, CCadmgrp.h); may encounter bad values for two of the input formal parameters. The RC/V screens for these tables are respectively: CCCDP, CCCGP and CCADG. For the 'caller parameter' of type CCALLSCMG or for the 'build_type parameter' of type CCBLDREQ only certain values are expected to be switched on. If other than the expected values are received then must alert developer personnel of this situation so that the problem can be isolated and debugged. Will report back the value being switched on.

59. CCCBCDGOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to allocate an unused changeback-code-group to a CB (changeback) segment failed. Presumably, all CB code groups are in use. This should never arise since the number of groups is greater than the number of segments needing groups. The result is that the changeback procedure cannot allocate a changeback group for the instance of changeback, and therefore cannot allocate changeback codes for use in CBD MSUs. CB continues in this case, but without generating any (more) CBD MSUs.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for support, providing all output reports associated with this assert.

60. CCCBCDOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request is received to allocate a changeback code for use in a CBD MSU, but there are no codes left to allocate -- presumably, all are in use for outstanding unacknowledged CBD MSUs. However, this situation should not arise since there are enough codes in each code group to handle the worst-case situation. The data structure for the

changeback code group and the data for the individual changeback codes is dumped when this error occurs.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report this problem, providing all output reports associated with this assert.

61. CC_CCSSTPDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An excessive number of RLCCSSTPDB (common channel signaling setup data block) tuples are being inserted by one recent change transaction. An internal error in the administration of RLCCSSTPDB tuples has either caused an excessive number of tuples to be needed or has corrupted the data showing how many RLCCSSTPDB tuples have already been created. The data dump contains the following: 1) the number of RLCCSSTPDB tuples to be inserted by this transaction.

62. CCCHGWBUFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when requesting a common network interface (CNI) message buffer.

63. CCCHIOCTL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A common network interface (CNI) channel input/output control (IOCTL) setup failed.

64. CCCHKOPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A common network interface (CNI) channel open failed.

65. CCCHRECV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following errors occurred while receiving a common network interface (CNI) message:

1. A message with zero length was detected.
2. A message with an invalid length was detected.
3. An unexpected return code from the CNI cHrecv() function was encountered.

Corrective action within the operational kernel process (OKP) will take place. In cases 1 and 2, the queue pointers will be adjusted to avoid the corrupt message. In case 3, the CNI channels will be re-initialized.

These errors do not represent a loss of common channel signaling (CCS) call processing. However, due to the automatic recovery within the code, the assert should not occur frequently. If the assert is seen frequently, contact technical support for further analysis.

66. CCCHRTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A common network interface (CNI) message was returned with an invalid reason code.

67. CCCHXMIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to transmit a common network interface (CNI) message.

68. CCCKTCDDIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The key used to read the RLCKTCDDIG relation was not set properly, or a tuple is missing from the relation.

Data Structures:

RLCKTCDDIG. Key field: iam.tns.circode.

Action:

Use RC/V to update the RLCKTCDDIG relation.

69. CCCLACLU (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLURDB	Audit Mode: elev

Problem:

Linkage error between the owner tuple in RLCLAPCRDB and the member tuple in RLCLU_RDB.

70. CCCLAMDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: S7MDB	Audit Mode: elev

Problem:

Linkage error between the owner tuple in RLCLAPCRDB and the member tuple in RLS7MDB.

71. CCCLAPCRDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLAPCRDB	Audit Mode: elev

Problem:

One or more attributes in a rCLAPCRDB tuple contain invalid values.

72. CCCLARDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

Linkage error between the owner tuple in RLCLAPCRDB and the member tuple in RLS7RDB.

73. CCCLASS_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received that had an invalid message class associated with it.

74. CCCLD_ELAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CVCDPY	Audit Mode: elev

Problem:

For SCCP conversion table: CCCLDPTY a tuple was found to be in error, (either not in the table when it should have been OR in the table when it should not have been); and this condition may have been corrected. Although this is an unlikely situation, it is a very bad indication of trouble in the SM: therefore an assert calling an elevated audit must be called in order to find further errors, (if any), and correct them, (if needed).

75. CCCLDNOA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not compute the called party nature of address based on the data received.

Action:

Check RC/V View 10.2 (ROUTE INDEX [ROUTING]) and RC/V View 9.3 (LOCAL DIGIT (OFFICE DIALING)) for invalid data.

76. CCCLS_STAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

Failure to read a tuple in RLCLS_STAT.

77. CCCLUPCI (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCIRTE	Audit Mode: elev

Problem:

Linkage error between the owner tuple in RLCLU_STAT and the member tuple in RLPCI_RTE.

78. CCCLU_RDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLURDB	Audit Mode: elev

Problem:

Invalid values in one or more attributes of rICLU_RDB tuple.

Probable Cause:

Dynamic data is corrupted.

Action:

Have audits fix the problem.

79. CCCLUS CCP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: SCCPSTAT	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLCLU_STAT and a member tuple in RLSCCP_STAT.

80. CCCLU_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLUSTAT	Audit Mode: elev

Problem:

One or more attributes in a rICLU_STAT tuple contain invalid values.

81. CCCLUSTERORDER (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLUSTAT	Audit Mode: elev

Problem:

The tuples in RLCLU_STAT are not in sorted order.

82. CCCLUSTNUM (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLUSTAT	Audit Mode: elev

Problem:

Table CCclu2clix[] is full. The request to insert a new entry is rejected.

83. CCCLUXDPC (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XDPCSTAT	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLCLU_STAT and a member tuple in RLXDPCSTAT.

84. CCCMTUNEQ (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCS message transport (CMT) path is not equipped to the GSM.

Probable Cause:

There is an inconsistency between the RLRT_TRKG (view 5.1) and the RLCMTPATH (view 16.16) relations. Attribute psu_mod in the RLRT_TRKG relation indicates the SM is a GSM and there should be a corresponding rICMTPATH tuple for this GSM if a CMT path is equipped to this GSM. A rICMTPATH tuple with the given key cannot be found in the static database. Either the rICMTPATH tuple is missing or the key used to access the tuple is invalid.

Action:

The first data dump contains the pci and the second data dump contains the cic. See next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

85. CCCNG_ELAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CVCGPY	Audit Mode: elev

Problem:

For SCCP conversion table: CCCNGPTY a tuple was found to be in error, (either not in the table when it should have been or in the table when it should not have been); and this condition may have been corrected. Although this is an unlikely situation, it is a very bad indication of trouble in the SM: therefore an assert calling an elevated audit must be called in order to find further errors, (if any), and correct them, (if needed).

86. CCCONGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TABGSM	Audit Mode: elev

Problem:

Unexpected value for congestion type.

87. CCCRBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A procedure in the CCITT7 MTP found an inconsistency in the "cluster-route" table that maintains the status of clusters of signaling destinations as reported to the local MTP by adjacent signaling points.

Probable Cause:

Unknown.

Action:

This assert will invoke an audit to bring the data back to a consistent state. No manual action is needed.

88. CCCRBADN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCITT7 MTP has detected a problem in the "cluster-route", which maintains status for clusters of signaling destinations as reported to the local MTP by adjacent signaling points. The problem is such that immediately invoking an audit over the data will not correct the problem.

Probable Cause:

Unknown. No events should cause this data to become corrupted.

Action:

This failure affects the ability of the CCITT7 MTP to route message traffic correctly. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and report the problem.

89. CCCRDBXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between the owner tuple in RLCLU_RDB and the member tuple in RLXLIST.

90. CCCTPTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not create the CTTY terminal process. The CCSLK or MD input command was aborted.

Data Structures:

None.

Action:

Reenter the CCSLK or MD input command.

91. CCCUTTHRU (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 400 Hz carrier tone is requested but not provisioned as a system tone for ISUP FGD cutthru on LATA trunks.

The "CT FOR DT" field in RC/V View 5.1 (TRUNK GROUP) is set to "Y" but the field "CARRIER TONE" is set to "N".

The TRUNK GROUP and trunk group MEMBER NUMBER are printed in this assert. The TRUNK GROUP value can be used as key to RC/V View 5.1

Data Structures:

- Global parameter, Glcartone
- rIFC_TRUNK.ct_for_dt

Action:

There are two options for the action to be taken:

- Set the field, "CARRIER TONE" in RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)] to "Y" or
- Set value of "CT FOR DT" in RC/V View 5.1 to "N"

92. CCCXLISTMR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLISTMR	Audit Mode: elev

Problem:

One or more attributes in the RLXLISTMR tuple contain invalid values.

93. CCCXTMRXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLXLISTMR and a member tuple in RLXLIST.

94. CCDARI_BAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from data access to the RLREPLY relation.

95. CCDDATA_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was encountered in a direct signaling message.

96. CCDATIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keys used to read the RLDA_TIMER relation were not set properly, or a tuple is missing from the relation.

Data Structures:

RLDA_TIMER. Key fields: servclass, signal, sigtype.

Action:

Use RC/V View 8.5 (TIMING [MISCELLANEOUS]) (or ODBE, if necessary) to cross-check the data for the keys in the relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. The signal for lines is always FCSSNULL; the start signal is not applicable.

97. CCDBDSAPP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the RLDS_APP relation that contains information for direct signaling applications.

Data Structures:

RLDS_APP. Key field: direct signaling application.

Action:

Insert an RLDA_APP tuple with the appropriate information via RC/V View 8.17 (DIRECT SIGNALING APPLICATION).

98. CCDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from a database primitive.

99. CCDBERR2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt failed to read RLIS_DPC for a CCITT7 link set concerned in traffic diversion. Signaling network management functions will have to give up traffic diversion concerning this link set. The RLIS_DPC tuple and the traffic diversion data block are dumped.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to contact support, providing all output reports associated with this assert.

100. CCDBLAB6_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLLAB6PRT relation. The common channel signaling no. 6 domestic (CCIS6) routing label was not translated into the 5ESS[®] switch internal representation of that SM port (known as gport).

The data dump consists of the following:

sl_group	6 bits
sl_mem	4 bits
sl_vlink	3 bits
fill	3 bits
band	9 bits (translates from band_num)
bmem_num	4 bits (translates from trnk_num)
fill	3 bits
total	32 bits

The band and member number are extracted from the CCIS6 routing label. The band and member from the signal transfer point (STP) can be found by performing a binary to decimal conversion. The CCIS6 routing label is defined as follows:

filler	12 bits
heading	3 bits
sig_info	4 bits
band_num	9 bits (translates to band)
trnk_num	4 bits (translates to bmem_num)
total	32 bits

101. CCDBLAB7_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLLAB7_PCI relation. The data dump contains the following:

dpc	24 bits
fill	8 bits
opc	24 bits
fill	8 bits

102. CCDBPCI_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLPCI_PRT relation. The data dump contains the following:

pci	8 bits
fill	8 bits
circuit	14 bits
fill	2 bits

103. CCDBPORTYP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLFC_PORTTYP relation.

104. CCDBPRT_PCI_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIGROUP_PORT tuple for a common channel signaling (CCS) trunk has no corresponding rIPRT_PCI tuple. The incoming or outgoing signaling type in the trunk group's rIRT_TRKG tuple indicates that this group is a CCS trunk group.

Data Structures:

RLPRT_PCI. Key fields: module, port.

RLGROUP_PORT. Key fields: portgrp.grpnum, member.

Action:

Use RC/V to correct the problem.

105. CCDBRT_TRKG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trk_qry attribute in an rLRCTGRPRK tuple is set to DBYES that indicates that common channel signaling (CCS) trunk query is allowed and that this group is a trunk group. However, the corresponding type cannot be read in the RLRT_TRKG relation.

Data Structures:

RLRT_TRKG. Key field: grpnum.

RLRCTGRPRK. Key field: portgrp.grpnum.

Action:

Use RC/V to correct the problem.

106. CCDBSYSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM ODD read of the accounting relation ACC_SI was unsuccessful. The build of the accounting translation tables may be invalid.

Data Structures:

rlACC_SI.acclsindx.

Probable Cause:

The read failure is a database (DB) problem.

Action:

None.

107. CCDBTC_AP (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLDS_APP relation. The RLDS_APP relation is populated for direct signaling applications.

Data Structures:

RLDS_APP.

Action:

The application that is causing this assert can be found in the report data message for the assert. The DS_APP tuple is dumped for the complaining application. The numerical value for the application type can be found by using the Translation Data Manual to translate the data dump. The numerical value can then be converted into the application type by referring to the data domain for DS_APP in the Translation/Dynamic Data Domain Description Manual. Verify that the complaining application is populated on RC/V View 8.17 (DIRECT SIGNALING APPLICATIONS). The subsystem number found on this view must also be populated on RC/V View 15.10

(SUBSYSTEM INFORMATION). If both are populated, the views may have been input in the wrong order. A no change update on RC/V View 8.17 should resolve the problem.

108. CCDBTC_AP (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLDS_APP relation. The RLDS_APP relation is populated for direct signaling applications.

Data Structures:

RLDS_APP.

Action:

Verify that all direct signaling applications configured in the office are populated on RC/V View 8.17 (DIRECT SIGNALING APPLICATIONS). This RC/V View contains the direct signaling application (key) and the associated subsystem number. The subsystem number must also be populated on RC/V View 15.10 (SUBSYSTEM INFORMATION) for all direct signaling applications.

109. CCDBTC_SS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLDS_SSN relation. The subsystem number associated with a direct signaling application is missing.

Data Structures:

RLDS_SSN. Key field:

Action:

Update or verify RC/V View 8.17 (DIRECT SIGNALING APPLICATION) with the subsystem numbers associated with the direct signaling applications configured in the office.

110. CCDCSIBADENTRY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid entry reason to the DCSI system process.

111. CCDCSIBDEVNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCdcsiwork() was called for an unexpected reason.

Probable Cause:

Disagreement between OSWAIT events coded by CCdcsimain() and events expected by CCdcsiwork().

Action:

Contact next level of support.

112. CCDDBINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A memory protection problem was encountered during direct link node (DLN) database (DB) initialization.

113. CCDDBMPRO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to reprotect the direct link node (DLN) database (DB) memory.

114. CCDDBMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the direct link node (DLN) database (DB) system process.

115. CCDDBOPER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid recent change operation was encountered by the direct link node (DLN) database (DB) system process.

116. CCDDBRCMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the operating system for distributed switching (OSDS) memory protection manager in the direct link node (DLN).

117. CCDDBREID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation ID was encountered by the direct link node (DLN) database (DB) access functions.

118. CCDDBUNPRO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not unprotect the direct link node (DLN) database (DB) memory.

119. CCDDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery read failed.

120. CCDDW_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful DDWRITE occurred.

121. CCDELLSMCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to delete an entry from the CCIsMccstat[] table, but the MCC counters (CCtotls, CCfirstls[], and CClastls[]) indicate that the table does not have an entry to be deleted. This would indicate that the RC/V code has allowed a link set deletion when it should not have done so, or that the counters have been corrupted. If the counters are bad, audits should eventually correct them. The table and counters handle all CCS protocols. CCS protocol-specific audits handle the portions of the tables appropriate to the CCS protocol which they service. The following audits will correct these counters, if they are wrong, and can be manually invoked via the "ST-AUDSM:sm=<SM #>,audit=<audit name>," command:

C7INTL/C7NATL (CCITT7) link sets: LSDATA CCSNA7 (North American CCS7) link sets: NA7LS CCITT6: LS6

The contents of the MCC counters will be dumped as part of the audit information:

CCtotls	Total number of link sets for all protocols in the GSM. A value of 0 indicates that the table is empty.
CCfirstls[]	First link set entry in CCIsMccstat[] table for each protocol. A value of 0xff indicates that no link sets exist.
CClastls[]	Last link set entry in CCIsMccstat[] table for each protocol. A value of 0xff indicates that no link sets exist.

Order of entries: C7NATL, CCSNA7, CCITT6, C7INTL

122. CCDESTROY (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: PCBLA	Audit Mode: elev

Problem:

While trying to setup an incoming call over an integrated services digital network (ISDN) user part (ISUP) trunk, a failure was encountered in the dynamic linkages between the ISUP trunk port data and the incoming ISUP process data. The call was released with an REL message with cause value #41 "temporary failure". This problem was probably caused by corrupt dynamic data linkages between the ISUP trunk port and the ISUP process.

Action:

If this assert occurs frequently, contact the next level of support.

123. CCDLNINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to translate between the ring node address and the direct link node (DLN) index.

124. CCDNFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIDN_FEATS tuple failed. The call continues as though the trunk member had no directory number (DN) features assigned to it. The call will complete unless the terminating station blocks the call due to a business and residential custom services (BRCS) feature, such as a terminal group and station restriction (TGSR) feature (that is, /TGUFT). In this case, the TGSR error treatment assigned to the terminating station applies.

Data Structures:

RLDN_FEATS. Key fields: lead module, ltm index, ltm type.

Action:

The receive only printer (ROP) report will show the keys to the RLDN_FEATS relation. The D-channel portname also prints on the ROP, it prints as zero if this data was unavailable. Verify the features on the trunk member with RC/V View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]). If the features are correct, use RC/V (or ODBE, if necessary) to verify the existence of an rldn_feats tuple. If the tuple does not exist, verify that the rldn_feats tuple with the same ltm_index and ltm_type has the brc_dn field set to DBNO for the trunk member.

125. CC_DPCIND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No matching entry found in RLDPCIND for a previously referenced DPC/SSN/NET_NUM.

Data Structures:

RLDPCIND. Key fields: destination point code, subsystem number, network number.

Action:

Add the entry to the relation using RC/V View 16.22 (SCCP PRIMARY/BACKUP DESTINATION).

126. CCDPC_ORDER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

Non-existent or out-of-order DPC tuple in relation RLDPC_STAT.

127. CCDPCPCI (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCIRTE	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLDPC_STAT and a member tuple in RLPCI_RTE.

128. CCDPCRCG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGTMR	Audit Mode: elev

Problem:

Failure in linking or unlinking an RLDPC_STAT tuple with an RLRCGTMR tuple.

129. CCDPC_S2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

A combined link set listed as a route for a destination point code (DPC) in rldpc_stat cannot be found in the 'clnk_tbl' data used during CCITT7 traffic diversion. The result is that the CLS cannot be used for further CCITT7 signaling network management functions. An audit is invoked to verify and correct the rldpc_stat dynamic data, and the data in clnk_tbl and the concerned rldpc_stat tuple is dumped.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report this assert, providing all output reports associated with this assert.

130. CCDPCSCCP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: SCCPSTAT	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLDPC_STAT and a member tuple in RLSCCPSTAT.

131. CCDPC_STAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPCI	Audit Mode: elev

Problem:

Failure in owner/member linkage structure or failure to read a tuple in RLDPC_STAT.

132. CCDPCTA2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

An attempt failed to update the SM copy of the destination point code - link set (DPCLS) routing data for CCITT7 signaling message handling. Some CCITT7 destination points may be incorrectly routed as a result. An audit is scheduled to repair the DPCLS routing data. The DPCLS update job buffer is dumped.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report this assert to field support, providing all output reports associated with this assert.

133. CCDPCTAB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

STRM-PHDA interface: Failure to update the CCsmdpcls_ht[] array, which is the global SM's copy of one of signaling message handling's outgoing routing tables.

134. CCDSICRPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An output message queue corruption was found in the direct link node (DLN) system integrity (SI) system process.

135. CCDSIIENT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the CCdsinit() function, the direct link node (DLN) system integrity (SI) system process.

136. CCDSIINSPRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) integrity control (DICO) monitor detected a corrupted process in the DLN.

137. CCDSISND (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) system integrity (SI) system process in the DLN could not send messages to the AM in 10 or more consecutive attempts because DLN transport returned CCBUFFULL (ring buffer full) through the OSsendmsg() function. DLN transport will be purged in an attempt to correct the problem.

138. CCDSIUSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the OSwait() function, or an unexpected signal was received by the CCdsinit() function, the direct link node (DLN) system integrity (SI) process in the DLN.

139. CCDSLEQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read failure occurred of static relation RLDSLEQUIP.

Data Structures:

RLDSLEQUIP.

Action:

Check ODD for incompatibilities. This craft assert fires because the dsl does not exist in the SM database. The dsl and database return code will be dumped in the message. This inconsistency occurs during the initialization of the link member MCC page for a link set of a specific CCS protocol. The key to RLDSLEQUIP is obtained from CCS protocol-specific relations. Check for an inconsistency between the relation indicated below and RLDSLEQUIP:

C7NATL or C7INTL (CCITT7)	: RLLS_LNK CCSNA7
(North American CCS7)	: RLNALSLNK
CCITT6	: RLLS6_LNK

140. CCERRAILS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The destination point code for an AILS query equals the point code from this office (meaning we are trying to send an AILS query to ourselves).

Action:

The query is not sent.

141. CCEXCHRTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Hop count exhaust. This switch has received a release (REL) message with a cause of "exchange routing error". This means the call exceeded the allowed hops (intermediate switches) and the call has been terminated.

Data Structures:

Called party number

Calling party number (if available)
 Originating point code of succeeding switch
 Circuit code of succeeding switch
 Outgoing trunk group number

Action:

RC/V Trunk Group View 5.1 (TRUNK GROUP) has a field called "MAX HOP CNT" which may be adjusted as necessary to allow enough switches to route the call.

142. CCFAPRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the OSfap() function.

143. CCFCAOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maximum digit string length for ISDN User Part System 7 (ISUP7) was exceeded when attempting to prepend a 0/1X international switching center designation on the front of the CC + NN string for an international call that is being sent out using the fully coded addressing format. The call will be sent out without the prefix string.

Data Structures:

The digit string without the prepended digits is displayed.

Action:

Contact next level of support.

144. CCFCCC_ISC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred while reading the RLFCCC_ISC relation. This relation contains country codes (CCs) that require a 2-digit prefix. The prefix is used to route the call to the international switching center (ISC). The RLFCCC_ISC relation is used for fully coded addressing of international outbound calls. The dumped data contains the CC (one byte per digit, subtract hex 30 from each).

Data Structures:

RLFCCC_ISC. Key field: country code.

Action:

The RLFCCC_ISC relation is corrupt. Check the relation and recreate it using RC/V View 9.16 (COUNTRY CODE PREFIX) (or ODBE, if necessary).

145. CCFEATNOTSUP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A secured feature was detected to be active that is not supported in this office.

Probable Cause:

The secured feature was erroneously activated.

Action:

The secured feature ID is dumped by this assert. Save and provide the relevant read-only printer (ROP) output to the next level of technical support and notify field support. This feature should be deactivated.

146. CCFIXITY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A new CCS protocol was added to an ity file, but the client code that builds the output messages have not been modified.

147. CCFOWNPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to setup an incoming call over an integrated services digital network (ISDN) user part (ISUP) trunk, an unexpected return code was received. The incoming call was released with an REL message with cause value #41 "temporary failure". This error was probably caused by corrupt dynamic linkages.

Action:

Contact the next level of support.

148. CCFULLDPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

A request was made to insert an entry into the SM CCdpc2dpci table but the entry cannot be inserted because the table is full. The audit DPC2DPCI will be run.

149. CCFXDGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found and corrected in the SCCP fixed digit table (CCGTT_FIXED). The error was one of the following:

Entry already existing on insertion

Entry missing when updating or deleting

This particular inconsistency has been corrected, however, it is possible that there are further inconsistencies in the table.

150. CCGENS7MDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: S7MDB	Audit Mode: elev

Problem:

Invalid values in one or more attributes of rIS7MDB tuple.

Probable Cause:

Dynamic data is corrupted.

Action:

Have audits fix the problem.

151. CCGETAPCSTAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: APCSTAT	Audit Mode: elev

Problem:

Accessing a specified CCAPC_STAT entry was unsuccessful.

Probable Cause:

An invalid adjacent point code index (ACPI) was used to reference a CCAPC_STAT entry.

Action:

Note occurrence and report problem to field support with all associated ROP data. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

152. CCGETCLAPCRDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLUAPCI	Audit Mode: elev

Problem:

Failure to read a tuple in RLCLAPCRDB.

153. CCGETCLURDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLUINFO	Audit Mode: elev

Problem:

Failure to read a tuple in RLCLU_RDB.

154. CCGETCLU_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLUINFO	Audit Mode: elev

Problem:

Failure to read a tuple in RLCLU_STAT.

155. CCGETDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

Failed to get the D-channel port block (DPB) associated with the port. The DPB audit will be scheduled.

156. CCGETLORSTMR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: LORSTMR	Audit Mode: elev

Problem:

Failure to read a tuple in RLLORSTMR.

157. CCGETNET_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: NETINFO	Audit Mode: elev

Problem:

Failure to read a tuple in RLNET_STAT.

158. CCGETPCI_RTE (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: IPCSPCI	Audit Mode: elev

Problem:

Failure to read a tuple in RLPCI_RTE.

159. CCGETRCG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGTMR	Audit Mode: elev

Problem:

Failure to obtain a pointer to a type RLRCGTMR tuple.

160. CCGETRDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

Accessing a specified rIS7RDB tuple, or obtaining the tuple's timer owner was unsuccessful.

161. CCGETRESTRTMR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: RESTRTMR	Audit Mode: elev

Problem:

Accessing a timer head cell for MTP restart has failed.

Probable Cause:

An invalid timeout value was passed to the function that accesses the array of CCRESTRTMR (timer head cell) structures.

Action:

Note occurrence and report problem to field support with all associated ROP data. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

162. CCGETRST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RSTMR	Audit Mode: elev

Problem:

Accessing a specified rIRSTMR tuple was unsuccessful.

163. CCGETSCCP_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: SCCPPC	Audit Mode: elev

Problem:

Failure to read a tuple in RLSCCPSTAT.

164. CCGETXDPCSTAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XDPCSTAT	Audit Mode: elev

Problem:

Failure to read a tuple in RLXDPCSTAT.

165. CCGETXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Failure to read a tuple in RLXLIST.

166. CCGETXLISTMR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLISTMR	Audit Mode: elev

Problem:

Failure to read a tuple in RLXLISTMT.

167. CCGETXPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: XPTMR	Audit Mode: elev

Problem:

Accessing a specified RLxptmr tuple was unsuccessful.

168. CCGSCINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid entry reason to SCMG system process.

169. CCGSMI_BAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A global switching module index (GSMI) returned by macro CCGSM2GSMI() is out of range.

Probable Cause:

The possible causes of getting an invalid GSMI are either due to a memory corruption or macro CCGSM2GSMI() receives an invalid global switching module (GSM) value.

Action:

The CCS message transport (CMT) throttling function, CCcmt_throttle(), returns a GLFAIL to indicate that the outbound TCAP message shall be discarded since the CMT path overload condition status cannot be determined. The assert will help to flag the problem if an invalid GSM value was received by macro CCGSM2GSMI().

170. CCGSMNET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert occurs when the CCgsmnet primitive returns a GLFAIL return. It indicates that CCgsmnet was called with an SM number that is not a CCITT7 Global SM, or CCgsmnet had an internal error.

171. CCGSMPRTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid CCS protocol and GSM combination has been specified. The SM from which this assert fires is not the CCS global SM for the CCS protocol specified.

172. CCGSMTBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TABGSM	Audit Mode: elev

Problem:

Assert fired in case of failed returns from GSM table primitives (CCgsm2data(), CCnetpc2data(), CCgsmi2data(), and CCrdgsm()). This failure indicates that the primitive was unable to translate the data provided by the calling function. Most likely, the data provided by the calling function (CCITT7 network and OPC, or CCITT7 global SM number, or CCITT7 global SM index) is incorrect. This could result when the ODD data for a CCITT7 circuit is incorrect -- particularly the OPC value. See RLPCI7_LAB and RLLAB7_PCI in the AM and RLPRT7LAB and RLLAB7PRT in the SM. It is also possible that the data table (CCopc_gsm) used by the primitives is corrupt; it should be consistent with RL GSM_OPC. The TABGSM audit is scheduled by this assert to recover the table if necessary. If this audit finds no errors, the problem is certainly in the code calling the primitive or in the ODD used.

173. CCGTRCGTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGTMR	Audit Mode: elev

Problem:

Failure to access a tuple of the relation RLRCGTMR using the primitive DAGtrcgtmr.

174. CCHMACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received error return form HMack. HMack sends acknowledgement to the MCC.

175. CCHMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while trying to print information to the read only printer (ROP).

Probable Cause:

Internal error.

Action:

Context next level of support.

176. CCHMMCCMUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function was unable to successfully call the HMmccmupd() multiple MCC update function. This would indicate that MCC update requests were lost. Request a re-initialization of the MCC pages currently displayed (simply execute a poke which will result in re-drawing the MCC page).

177. CCHMMCCPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to connect to HMmcc port from OKP.

178. CCHMMCCUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function was unable to successfully call the HMmccupd() single MCC indicator update function. This would indicate that MCC update requests were lost. If a CCS MCC page was displayed at the time, re-draw the page. If this happens during growth/de-growth of a CCS signaling system, the RC/V activity will need to be re-tried (this error will result in the aborting of the RC/V attempt).

179. CCHOPCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Hop count exhaust. This call has exceeded the number of allowed hops (intermediate switches) and the call has been terminated at this switch.

Data Structures:

Called party number
 Calling party number (if available)
 Originating point code of preceding switch
 Circuit code of preceding switch
 Incoming trunk group number

Action:

RC/V Trunk Group View 5.1 has a field called "MAX HOP CNT" which may be adjusted as necessary to allow enough switches to route the call. This will be the responsibility of the sending switch since the hop counter was already exhausted when it reached this switch.

180. CCHSHNOTDONE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The total timer for the hashsum checking routine has expired. There are still blocks of memory to be processed. This means that the incoming routing data in the SMP not match the incoming routing data in the PH3.

181. CCICRMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM memory for the CCITT7 incoming routing tables has not been correctly allocated. (Either no memory has been allocated, or the amount of memory allocated is incorrect.) No incoming routing data will be available to the PH3s.

182. CCILSDPOL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failed attempt has been made by a software process to read the ILSD_POL relation. This is an office-dependent data (ODD) discrepancy because the LS_GRP static relation has indicated that the particular CCS link set is to be

policed by the incoming link set and destination point code (ILS/DPC) feature, however the corresponding tuple entry in the ILSD_POL relation does not exist.

Data Structures:

Data 1: The relation identifier

Data 2: The policed link set number

Action:

If the specified CCS link set is supposed to be policed, as indicated from the LS_GRP relation, the corresponding ILSD_POL tuple must be inserted. If the specified CCS link set is not to be policed, the LS_GRP relation must be updated to indicate this desired state.

183. CCIMS3BRD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when the _ims3brd() function was called.

184. CCIMS3BWT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when the _ims3bwt() function was called.

185. CCIMSBFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to free an interprocess message switch (IMS) receive buffer failed.

186. CCIMSOPEN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not open an interprocess message switch (IMS) channel.

187. CCIMSWRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when the _imswrite() function was called.

188. CCINCGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect linkset group value has been found.

189. CCINCLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect link member value has been found.

190. CCINCLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect linkset value has been found.

191. CCINFOERAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCGINFO	Audit Mode: elev

Problem:

An error was found and corrected in the SCCP global title information table (CC7GTT_INFO). The error was one of the following:

Entry already existing on insertion

Entry missing when updating or deleting

An audit has been scheduled for this specific table.

192. CCINIT_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCtccs_init() function was called for some reason other than initialization.

193. CCINRSPEVNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote signaling point (RSP) system process function has detected an invalid protocol handler (PH) service event.

194. CCINSFLSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates the function CCinslab7 in the SMP failed to insert a voice trunk tuple into the incoming routing table. This assert will be followed by a data dump containing the tuple that was not inserted.

195. CCINSSNERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found and corrected in the SCCP SCMG index to SSN table (CC7IND_SSN). The error was one of the following:

Entry already existing on insertion

Entry missing when updating or deleting

This particular inconsistency has been corrected, however, it is possible that there are further inconsistencies.

196. CCINVALIDTRA (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected TRA message was received from a signalling point for which the adjacent restart control was not marked as RESTART.

Probable Cause:

Data inconsistency or corrupted message.

Action:

Provide the assert number and its mnemonic with the data dumped on the ROP to local field support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

197. CCINVCALLTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCoi_gry() function found an invalid call type for an ASP call. The call type found was referenced by a 9.3 [LOCAL DIGIT (OFFICE DIALING)], a 9.6 [IDDD COUNTRY ACCESS CODE (OFFICE DIALING)], or a 9.9 [REMAINING DIGIT (OFFICE DIALING)] RC/V screen handling this call. To find out the call type please refer to the DESTN domain description in the "Translations/Dynamic Data Domain Description Manual" 235-600-24x for the appropriate software generic. Data dumps contain: a call type, a DN obtained from SCP response plus DAS number to help identify the problem. Please correct (if appropriate) the call type on the 9.3, or 9.6 or 9.9 RC/V screen for this call.

198. CCINVCIRCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid circuit code was received for an international call. The following values are valid for common channel signaling (CCS) trunks: 1 - international call, 2 - international operator call.

Action:

Use RC/V View 10.2 (ROUTE INDEX [ROUTING]) and RC/V View 10.23 (CIRCUIT CODE TO DIGIT TRANSLATION) to verify that the circuit code contains the proper 1NX/1N'X digits.

199. CCINVCONV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A return from a data conversion routine indicated that the data could not be converted. The data to be converted contained invalid data (for example, non-ASCII digits).

200. CCINVDPCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote signaling point (RSP) service domain has been passed a destination point code index (DPCI) segment parameter that has been determined to be invalid (out of range). The RSP service domain function cannot continue

processing the request.

201. CCINVFCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The far class of service was invalid, it must be a line or trunk.

202. CCINVGSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CCITT7 request has been made (either for national or international CCITT7), but the SM is not global for either of the two CCS protocols (C7NATL or C7INTL). This would indicate that the global parameters Glnatl7sm and Glintl7sm are not properly populated for this SM.

203. CCINVILSDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data discrepancy has been detected between tuple 0 of the ILSD_POL static relation and the global variable CCdellspcmx. The discrepancy is either tuple 0 had the del_mtx field set to 0 and the CCdellspcmx variable was set to 1, or tuple 0 had the del_mtx field set to a non-zero value and the CCdellspcmx variable was set to 0.

Probable Cause:

The most probable cause for this error is when a failure occurs during a recent change deletion of a CCITT7 destination point code (DPC) that was defined as being policed by the incoming linkset (ILS) and DPC policing feature. The CCdellspcmx variable is set at the beginning of the transaction to 1, then reset to 0 at the end of the transaction. If the transaction was aborted, it may have been possible that tuple 0 was not properly updated.

Action:

The CCdellspcmx variable is corrected to be consistent with the data in ILSD_POL tuple 0. The assert will also dump out the value of the CCdellspcmx variable, which can be used to compare against the copy of the ILSD_POL tuple 0 located on the stack frame for debugging purposes.

204. CCINVMCCACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid MCC action request has been received. This could indicate that the MCC action was not one of the enumerations specified in uhdr/ccs/CCmccact.G or that the action was one of the enumerations but that the enumeration was not allowed by this particular MCC function.

205. CCINVMCFLAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid MCC flag has been received that is not in the allowed range as specified in the CCMCCNTFY enumeration in ccs/hdr/CCmcc.L. This points to a software error in the MCC interface to RC/V growth. This will result in a failure in the RC/V activity which is attempting to add or remove a CCS protocol. The RC/V growth/de-growth attempt must be re-tried after a fix is applied to the load.

206. CCINVMRISP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message received for inaccessible signaling point (MRISP) internal message was received. The invalid message is dumped (struct mgSS7TRM).

207. CCINVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown/invalid message has been received. The unknown/invalid message is output to the ROP for debugging.

208. CCINVPAGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid MCC page request has been received. The MCC page cannot be displayed or updated. Processing of the request usually will be discontinued.

209. CCINVPLAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was detected by point code index (PCI) status update mechanism. A request for a CNI PCI update was received however according to the Global parameter Glccs in the AM no CCS CNI Platform exists.

The data dumped shows the values of Glccs and The message type this function received. If the message type was an MGTIMER and craft personnel are in the process of degrowing a CNI this assert may occur once. Otherwise see Action below

Data Structures:

Global parameter - Glccs.

Message type

Module number

Action:

Verify that the global parameter Glccs is set correctly in the AM and in the SM. If Glccs is different in any of the processors please refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support to insure parameter is updated properly.

210. CCINVROLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common channel signaling (CCS) call processing could not determine where this call was being processed in the network. This value is stored in the CCS feature data block (FDB) of the process control block link area (PCBLA).

The following values are valid:

CC_TRAD - traditional (intraLATA) ISUP7 call

CCE_TRAD	- originating end office for intraLATA call
CCE_IC	- end office to interLATA carrier
CCE_INC	- end office to international carrier
CCE_A_TO	- end office to access tandem to a toll office
CCA_IC	- access tandem to interLATA carrier
CCA_INC	- access tandem to international carrier
CC_XTO	- transit toll office
CCP_XTO	- PRI directly connected to transit toll office I
CC_TTO	- terminating toll office
CCP_TTO	- PRI directly connected to terminating toll office
CC_2STG	- traditional 2-stage international signaling at access tandem
CCE_A_FGB	- FGB signaling at the end office to access tandem
CCA_FGB	- FGB signaling at the access tandem
CCBAD_ROLE	- error case, role not supported

211. CCINVSDL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Trigger function failed during update from automatic allocation to basic allocation. The signaling link is using a signaling data link which is not equal to the predefined signaling data link.

Data Structures:

None.

Action:

Deactivate signaling link and try again.

212. CCINVSLSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Trigger function failed because signaling link is in a transient state. The signaling link must be in a stable IS or stable OOS state.

Data Structures:

None.

Action:

Either wait for the SL to go into a stable state or manually deactivate the SL.

213. CCINVTNSC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminating network selection code (TNSC) value is too large for the protocol field, the call will be killed.

Data Structures:

The ROP output indicates the TNSC value that was too large.

Action:

Check sources of the TNSC value and determine where the invalid value came from, then correct that source.

214. CCIPMHD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not format a common network interface (CNI) interprocess message header.

215. CCIS6MSG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid common channel signaling system no. 6 domestic (CCIS6) message was received.

216. CCISUPMSG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid integrated services digital network (ISDN) user part (ISUP) message was received.

217. CCITT7LSMCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DATA	Audit Mode: elev

Problem:

An attempt to find a CCITT7 link set entry in the CCISmccstat[] MCC table has resulted in failure (either an entry is missing or an invalid entry exists). The LSDATA audit will be scheduled to correct the problem. The CCISmccstat[] table will be dumped as part of the assert information. Since this error only occur during growth or de-growth, the RC/V procedures should be re-tried once the audit has corrected the table.

NOTE: This error could also be seen during SM initialization. This would indicate a software problem, where the CCISmccstat[] table was not being initialized properly.

218. CCJBUFBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: JBUF	Audit Mode: elev

Problem:

One of the following occurred:

- 1) The SM went through a selective initialization - the PHDA audits should always be run.
- 2) During a full initialization, PHDA could not successfully complete linking of its buffers.
- 3) The buffers could not be manipulated off or on either the idle or busy lists.

In all cases, the buffer linkages are in an unknown state, and an audit will be called to check and correct the

linkages.

219. CCJIPFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to populate the Jurisdiction Information Parameter, an unexpected return code was received from the DBstfst() function that was reading the first tuple in RLNOCCODE. The call will continue, but the JIP parameter will not be populated in the CCS7 IAM message.

Probable Cause:

The RLNOCCODE relation is either not populated or it cannot be read by the software.

Action:

Watch for more errors like this and contact technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

220. CCLAB6PCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLLAB6_PCI relation. The contents of the first word in the data dump are the following:

sl_group	6 bits
sl_mem	4 bits
sl_vlink	3 bits
fill	3 bits
band	9 bits
bmem_num	4 bits
fill	3 bits

221. CCLABP7ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while reading the common channel signaling (CCS) relation RLLAB7PRT.

222. CCLDPSP1 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare code.

Data Structures:

Not applicable.

Action:

None.

223. CCLDPSP2 (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare code.

Data Structures:
Not applicable.

Action:
None.

224. CCLGRPMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Unable to read the RLLGRPMEM static relation.

Data Structures:
RLLGRPMEM.

Action:
No action.

225. CCLKTSTTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Failure to read or insert a tuple in RLLKTSTTBL.

226. CCLNBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An unexpected return code was received from the leased network (LN) transaction handler function FCIntrhdlr() that was communicating with the external network control point (NCP) to get routing information. The affected call was sent to reorder.

Action:
No action is required if this assert occurs singularly. If this assert repeats, call your next level of support. Multiple occurrences indicate the load is suspect.

227. CCLNK_NF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Failure to find a link in STRM lnk_tbl.

228. CCLNK_STAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DATA	Audit Mode: elev

Problem:
Failure to read a tuple in RLLNK_STAT.

229. CCLNPKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call was attempted, but the LN action point (LNACP) software package was not loaded. The In_type field of the RLFC_TRUNK relation was set to LN_QRY indicating a LN query (QRY) trunk.

Data Structures:

RLFC_TRUNK. Key fields: member, module.

Action:

Determine if the trunk is a valid LN trunk. If the trunk is a valid LN trunk, then the LNACP package is missing. In either case, notify your next level of support.

230. CCLNVRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a leased network (LN) common channel signaling (CCS) LN_NOQRY trunk origination, an error in the trunk definition was detected. No calls will be completed on this trunk. The affected call was sent to reorder.

Data Structures:

RLFC_TRUNK. Key fields: port, trunk group number, trunk group member.

Action:

Change LN_VIRT to N via RC/V View 5.1 (TRUNK GROUP).

231. CCLOMEMSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is not enough memory in the optional data region (ODR) for the table that is being grown in. The data that is being dumped is; the ID of the table being grown, the address where the table would end up if it allowed to be grown in and the end address of the ODR buffer. Please contact the first level of field support for further assistance.

232. CCLORSTCLU (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLURDB	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLLORSTMR and a member tuple in RLCLU_RDB.

233. CCLORSTMR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: LORSTMR	Audit Mode: elev

Problem:

One or more attributes in RLLORSTMR contain invalid values.

234. CCLORSTRDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLLORSTMR and a member tuple in RLS7RDB.

235. CCLORSTXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLLORSTMR and a member tuple in RLXLIST.

236. CCLS6LNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Possible population error of office-dependent data relation.

Data Structures:

RLLS6_LNK.

Action:

Verify office-dependent data for RLLS6_LNK.

237. CCLSSMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LINK	Audit Mode: elev

Problem:

A linkage problem with the RLLS_STAT relation has been detected.

238. CCLS_STAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

Failure to read a tuple in RLCLS_STAT.

239. CCLSTAB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LSTAB	Audit Mode: elev

Problem:

STRM-PHDA interface: Failure to update the CCsmstph_ht[][] array, which is the global SM's copy of one of signaling message handling's outgoing routing tables.

240. CCLVLCG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected value was encountered for the level of congestion.

241. CCMBG2BG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to send the Business Group parameter in a CCS7 signaling message, an internal terminal restriction value could not be translated to a known CCS7 code point. The code point used has been defaulted to unrestricted.

Probable Cause:

An internal error has caused the restriction value to be out of range.

Action:

Contact the next level of support.

242. CCMBG2TG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCS7 software could not read rIMBG2TG tuple.

Probable Cause:

The mbgid does not correspond to a tuple in the RLMBG2TG relation.

Action:

Contact the next level of support.

243. CCMCCSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state has been reached in the CCmccupd() finite state machine. This indicates that a software error has occurred in CCmccupd(). Either the original action passed to CCmccupd() is not a valid action in the uhdr/ccs/CCmccact.G enumeration list, or the CCmccupd() function put itself in an incorrect state. CCmccupd() will automatically quit, aborting any remaining MCC actions that might be required to handle the original input.

244. CCMDBLSS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: S7MDB	Audit Mode: elev

Problem:

A linkage problem has been detected between the owning RLLS_STAT relation and the RLS7MDB member relation.

245. CCMDUNKACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown action code value was supplied as an argument to the CCmdmccupd() function.

246. CCMG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message type was received.

247. CCMGTYPE_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid msgtype was encountered in a common network interface (CNI) header (for example, SPDSPL, SPLKSF,

SPLSET).

248. CCMPCTABL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TABGSM	Audit Mode: elev

Problem:

An internal database error was discovered in table CCgsm_opc during input message validation. An audit has been scheduled to remedy the problem.

249. CC_MSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected or invalid operating system for distributed switching (OSDS) message was received. The data dump contains the following:

state - common channel signaling (CCS) state in which the message was received (see hdr/ccs/CCstate.h)

message type - OSDS message received (see hdr/pag/GLmsgids.h)

250. CCMSGNSENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that during PHDA processing, a bad return was received from attempting to send a message to either the STRM system process, or to the PH.

251. CCMSGQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddupdate() function could not send a message.

252. CCMSGVAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During input message validation the protocol was not passed to the primitive CCgsmprot(). The primitive may require modification.

253. CCMSUBTYP_BAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message has been received that has an unexpected message subtype associated with it.

254. CCMTOCSTAT_BAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCS message transport (CMT) path overflow condition status returned from macro PSCMTOCSTAT() is invalid.

Probable Cause:

The possible causes of getting an invalid CMT overflow condition status are either due to a memory corruption or macro PSCMTOCSTAT() gets an invalid non-global switch module (NGSM).

Action:

The CMT throttling function, CCcmt_throttle(), returns a GLFAIL to indicate that the outbound TCAP message shall be discarded due to the unknown CMT path overflow condition status. The assert will help to flag the problem if an invalid NGSM was received by macro PSCMTOCSTAT().

255. CCMTPINITFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to initialize CCS message transport part (MTP) data in the PH an associated STP accounting package during link restoration was not received by the PH.

Probable Cause:

Bad STP accounting packet received.

Action:

Remove and restore the affected linkset member.

256. CCNA7MSGIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

generated if a message that is currently being processed is not a valid message for NA7 SCCP. Current valid messages are Subsystem Allowed, Subsystem Prohibited, Subsystem Status Test, Subsystem Normal Routing and Subsystem Backup Routing. If this assert occurs, processing of the message is stopped.

257. CCNETGSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert fires when the CCnetgsm function returns an SM number of 0. This only happens if CCnetgsm is passed a bad network type.

258. CCNETPCI (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCIRTE	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLNET_STAT and a member tuple in RLPCI_RTE.

259. CCNETSCCP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: SCCPSTAT	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLNET_STAT and a member tuple in RLSCCPSTAT.

260. CCNET_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: NETSTAT	Audit Mode: elev

Problem:

One or more attributes in a RLNET_STAT tuple contain invalid values.

261. CCNETWORKORDER (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: NETSTAT	Audit Mode: elev

Problem:

The tuples in RLNET_STAT are not in sorted order.

262. CCNETXDPC (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XDPCSTAT	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLNET_STAT and a member tuple in RLXDPCSTAT.

263. CCNM_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the code control application function.

264. CCNMMBGBK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A MBG call has been originated on the ISUP7 trunk shown. Based on analysis of the called party number, the call should terminate to a terminal that is known by this switch. However, this terminal does not belong to the required terminal group (TGID). The TGID associated with the call is shown. Such calls cannot be terminated. One of the following applies:

The mbgid shown has been associated with the wrong TGID value on RC/V View 4.12.

The called party cannot be intercom dialed from the point where this call originated.

The called party terminal has been placed in the wrong TGID.

The called party terminal has not yet been placed in any TGID.

Data Structures:

TKG MN MBGID TGID CdPN (called number) CPN (calling number).

Action:

Decide which of the above applies and resolve the problem.

265. CCNMSGTTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminal process CTTY was created but did not receive a message. The CCSLK or MD command entered by the

craft was aborted.

Data Structures:
None.

Action:
Reenter command.

266. CCNOBFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No buffer was available to send a message from the direct link node (DLN) trigger function to the ring monitor kernel process (RINGMON).

267. CCNOBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddupdate() function could not allocate a message buffer.

268. CCNOCCSMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operating system for distributed switching (OSDS) message was received that did not contain a common channel signaling (CCS) message.

269. CCNOCHKINTMR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer could not be obtained for the communication module processor (CMP) call processing check-in mechanism.

270. CCNODLNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No return message was received from the direct link node (DLN).

271. CCNOGSMI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid global switching module index (GSMI) is passed to the message dispenser from the background system process (PSmpup).

Probable Cause:

The GSMI is one of the arguments of CCMrccsdt() passed by PSmpup. The possible causes of getting an invalid GSMI are either due to a memory corruption or PSmpup gets a wrong GSMI.

Action:

The message dispenser returns a GLFAIL to the background system process. The background system process ignores the return value and continues to process the messages from the first in first out (FIFO) queue. The assert will help us to flag the problem if the PSmpup has a wrong GSML.

272. CCNOGSMRQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received in a NGSM requesting the status of an MD path, but the message did not originate in a GSM. That is, the originating SM does not equal one of the following parameters: Glnatl7sm, Glintl7sm, Glccitt6sm, or Glccs7sm. This assert indicates a software bug or and incorrect population of the GSM global parameters.

273. CCNOHSHTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to set the 2:05 am timer for the hashsum checking routine. This timer is used to run the daily hashsum routine between the SMP and the PH's for the incoming routine tables (CCDPC2DPCI, CCICRTG). There was a failure to get a timer.

274. CCNOLCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMP the selective peripheral loading feature places each image into an optional data region (ODR). The interface to the ODR includes locking or obtaining ownership of a region in order to perform data manipulation. This assert indicates that the current process was unable to obtain a lock or ownership of the ODR. The lock may have failed due to another process re-arranging the ODR's in memory and not allowing other processes to access a region. Physical memory growth, RC/V activity and Incoming routing table rebuilding will also keep the ownership and hold off other processes. The information in Slolockinfo[SI_ICR_ODR] will be dumped.

275. CCNOLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Passed parameters linkset and member cannot be found in RLLS_LNK.

276. CCNOMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is insufficient memory in the SCCP buffer to allow for a particular entry to be inserted. This problem has been caused by defining more than the maximum translations allowed in rIGTT_MASK. If this assert is seen during a full or SCCP init then SCCP will not build correctly making it virtually useless. If this assert however is caused by an ODBE or RC/V transaction then it just means that there is not enough memory for this new transaction.

Data Structures:

rIGTT_MASK.

Action:

During an ODBE or RC/V transaction then there is no action required since the transaction will fail. During a full or SCCP initialization then refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to contact support since the problem lies with the ODD.

277. CCNONALNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link set and member could not be found in RLNALSLNK.

278. CCNONREASON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received unknown reason for creation.

279. CCNOPHUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change activity which prompted changes in the protocol handler's database could not complete the update to the protocol handler(s). However, the new data is currently in the SM database.

Data Structures:

None.

Action:

Each of the protocol handler's will have to be removed and restored, in order to get a good copy of the ODD contained in the SM.

280. CCNOQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A direct link node (DLN) database (DB) trigger function was unable to queue a message to the ring monitor kernel process (RINGMON).

281. CCNORESP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that PHDA timed out in waiting for a reply from STRM or QPHFR-SMP or from the SCMG system process to initialize dynamic data. The initialization attempt is aborted.

282. CCNORPB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No cyclic timer was available for the request particular band (RPB) update procedure. The RPB update procedure was not running.

Action:

At the master control center (MCC), purge the common channel maintenance administration (CCMA) system process by entering INIT:AM,OKP,SPP for the CCMA system process ID.

283. CCNORTDATA (and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is a missing cluster routing data (RC/V View 15.9) and or a missing member routing data (RC/V View 15.18) for the DPC printed in the assert message. The OPC and PCI are printed for sanity check up.

Data Structures:

DPC - Destination Point Code

OPC - Originating Point Code

PCI - Point Code Index

Action:

Please insert the RC/V View 15.9 (CLUSTER ROUTING DATA) and or RC/V View 15.18 MEMBER ROUTING DATA for the listed DPC so the routing data is complete for this point code. Should the OPC be different than the local point code (this office point code) please notify your next higher level support people. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

284. CCNO_SCMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempt to create a signaling connection control part management (SCMG) terminal process via OScreate() has failed.

285. CCNOSCMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SCCP maintenance terminal process was not created or killed and the GTT audit needs to check the SCCP tables.

286. CCNO_TDTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempt to create a CCITT7 TDTP via OSCREATE() has failed.

287. CCNOTERMPROC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTcreatprc() function could not create the common channel signaling (CCS) terminal process.

288. CCNOTMR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to allocate an operating system for distributed switching (OSDS) timer.

289. CCNOTQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not allocate a cyclic timer for automatic trunk query. Automatic trunk query was not running.

Action:

Enter ALW:CCSTQ at the master control center (MCC) to correct the problem.

290. CCNRESTTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized reason for creation was received by the CTTY terminal process. Used in CCITT and MD craft interface.

291. CCNTFYFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred during RC/V growth or de-growth of a CCS protocol. In particular, the HMmcc *UNIX*[®] process was not able to receive the CCS global parameter updates and/or the MCC screens were not updated properly. To correct this problem, restart DAP (in 5EE3(2) this can be done by going to the 190 MCC page and executing the 805 poke). This will kill all terminal processes and restart them, thereby re-initializing HMmcc so that it will receive the new CCS global parameter values. The specific cause for the error will be documented by an assert which fired previous to this one.

292. CCNTGSMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found and corrected in the SCCP network to GSM table (CC7NET_GSM). The error was one of the following:

Entry already existing on insertion

Entry missing when updating or deleting

This particular inconsistency has been corrected, however, it is possible that there are further inconsistencies.

293. CCOC_UNKFAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OP:CHANMAP input command has been requested for an unknown facility type. The OP:CHANMAP command can be used on DFACs or DS1SFACs. The input command should only allow DFACs or DS1SFACs to be specified

as input.

Probable Cause:
Internal error.

Action:
Contact next level of support.

294. CCODDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When initializing the protocol handler(s), a discrepancy was found within the SM ODD between one of the following relations:

- RLLS_SM unpopulated
- RLTN_SSN unpopulated
- RLFUNCTS unpopulated
- RLGTT unpopulated
- RLNSC_DPC unpopulated
- RLLAB6PRT unpopulated

One of previous relations populated incorrectly such that duplicate PHDA table entries would result.

- RLLS6_LNK unpopulated
- RLLS6_LNK with nonunique 'stph' attributes
- RLLSB_LSB unpopulated
- RLLSB_LSB with 'msgtype' attribute = C6LORIG and nonunique 'altlsbX' attributes.
- RLNALKP_LS unpopulated
- RLNALKP_LS and RLDSLEQUIP inconsistent

Data Structures:

Data 1: SM number.

Data 2: The relation identifier.

Action:

If the problem is an ODD inconsistency, then fixes must be made to the relation in question. If the problem is not in the ODD, then there may be an internal software problem within the protocol handler data administrator.

295. CCOFF_PAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failed attempt has been made by a software process to read the OFF_PAR relation. This is an office-dependent data (ODD) discrepancy since there must always be a tuple with a key of 0 in the relation on a common channel signaling (CCS) global switching module (GSM).

Data Structures:

Data 1: The relation identifier.

Data 2: The global switching module number.

Action:

If the SM number that the assert has occurred on is a CCS GSM for the office, then tuple 0 of the OFF_PAR relation should be inserted. If the assert has occurred on an SM that is not a CCS GSM for the office, the Glnatl7sm, Glintl7sm, or Glglobalsm global parameters could be corrupted on that SM. Otherwise an internal software problem may exist within CCS functionality.

296. CCOGRMEM (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM memory for the CCITT7 OGR ODR tables has not been correctly allocated. Either no memory has been allocated or the amount of memory allocated is incorrect.

297. CCOPCGSM2 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: elev

Problem:

Failure to insert/delete an entry in CCopc2gsm[].

298. CCOS_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to send a message to another process using the OSsendmsg() function failed. The message was lost.

299. CCOSBCSTFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected failure was returned by OSBCAST().

Probable Cause:

An error in the program calling OSBCAST().

Action:

Contact next level of support.

300. CCOS_DEL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not deliver a message from an interrupt level to the common channel signaling (CCS) transport system process.

301. CCOSPSMON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered during the setup or operation of the OSPS CCS7 monitor. The message received that caused this assert is dumped along with the related monitor entries. The message is in the first dump and the

monitor entries in the following dumps.

Probable Cause:

If the problem occurs while setting up the monitor the problem is mostly likely a difference in monitor state between the processors. This assert will only occur during monitor operation, if the debug GLOBAL CCospsmon is set.

Action:

If the problem occurs during setup, initialize the monitor and try the setup again. If the problem persists, seek technical assistance. If this assert occurs during monitor operation, then the debug GLOBAL CCospsmon should be set to '0' in the given processor. This GLOBAL should only be used for debugging purposes, otherwise it should be set to '0'.

302. CCOSRETURN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When a terminal process attempted to clear the stack and enter a specified entry point [call to the operating system for distributed switching (OSDS), primitives OSRESTART() or OSREPLACE()], control unexpectedly returned. An internal error occurred that caused one of these OSDS primitives to expectedly return. Either the OSDS environment is corrupted or a invalid value of progid was passed to OSRESTART() or OSREPLACE().

303. CCOSWAKE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interrupt level could not send a signal to the common channel signaling (CCS) transport system process using the OSwakeup() function.

304. CCP6LABERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while reading the common channel signaling (CCS) relation RLPRT6LAB.

305. CCP7LABERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while reading the common channel signaling (CCS) relation RLPRT7LAB.

306. CCPCINUM (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCIRTE	Audit Mode: elev

Problem:

Table CCipcs2pci[] is full. The request to insert a new PCI is rejected.

307. CCPCI_RTE (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCIRTE	Audit Mode: elev

Problem:

One or more attributes in an RLPCI_RTE tuple contain invalid values.

308. CCPCLSLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: LINK	Audit Mode: elev

Problem:

Failure in owner/member linkage structure in RLLS_STAT and RLDPC_STAT.

309. CCPHRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected error condition from read of PHDA tables.

310. CCPKTINVAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet/message received for the STP accounting feature in MPUP/RSP SP contained an invalid message subtype.

Probable Cause:

Packet/message subtype may have been incorrectly populated.

Action:

None. The text will drop the packet and continue with the next one in the buffer. The message contents will be sent to the ROP for further debugging.

311. CCPLATINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For the originating point code (OPC) provided a valid CCS platform (CNI or PSU) could not be determined.

Probable Cause:

ODD is incorrect.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for assistance.

312. CCPORTBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data describing this port was invalid. The port linkage area (PORTLA) may be inconsistent.

313. CCPORTCOND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

TMrdptcond() failed to read the appropriate data from the TMportcond[] table. Problem may have been caused by passing TMrdptcond() an improper port status list.

314. CCPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Unable to read the dynamic RLPORTLA relation. The PORTLA audit will be scheduled.

315. CCPORTLA_DATA (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Inconsistent data was found associated with a PORTLA tuple.

Probable Cause:

The data was initialized incorrectly by the application or was corrupted.

Action:

Look at the data dumped by the assert and the audit in the receive only printer (ROP) output to determine the cause of this error.

316. CCPP_CF (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCS trunk has the precedence and preemption (PP) feature assigned in the RLDN_FEATS relation and the data for the port is in the RLPP_TRUNK relation, but there is no corresponding data in the RLPP_CF relation.

When attempting to read the RLPP_CF relation, a failure code of DBNO_MATCH was returned. An rIPP_CF tuple is missing or the keys used to read the relation were not set properly.

Data Structures:

RLPP_CF. Key fields: port, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the precedence and preemption feature assignment data on the indicated trunk. See RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation.

Obtain the keys to the RLDN_FEATS relation from the RLPORT_GROUP relation. The output data shows the port by module and member as well as the feat_id that is associated with the port in the RLPP_TRUNK relation. See RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation.

Corresponding feature description data should exist in the RLPP_CF relation for the feature that the assert indicates does not exist. See RC/V View 12.31 (PRECEDENCE AND PREEMPTION FEATURE DEFINITION) or the RLPP_CF relation.

317. CCPP_TRUNK (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trunk has the precedence and preemption feature assigned in the RLDN_FEATS relation, but there is no corresponding data in the RLPP_TRUNK relation.

When attempting to read the RLPP_TRUNK relation, a failure code of DBNO_MATCH was returned. An rIPP_TRUNK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_TRUNK. Key fields: port, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the precedence and preemption feature assignment data on the indicated trunk. See RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation.

The output data shows the port by module, member, and feat_id. Corresponding trunk parameter data should exist for that port. See RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation.

318. CCROTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid CCS protocol type has been found when it should exist.

319. CCPRSQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found and corrected in the SCCP primary and secondary digit table (CCGTT_TRAN). The error was one of the following:

Entry already existing on insertion.

Entry missing when updating or deleting.

This particular inconsistency has been corrected, however, it is possible that there are further inconsistencies in the table.

320. CCPRST_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

BAD switch on the process state of the TDFDB in the PCBLA for CCtf_all().

321. CCPS_CHNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to change the sum of the primary + secondary digit string mask for relation RLGT_MASK. This action is not supported by RC/V and therefore has most likely been caused using odbe. This transaction has been failed with reason of CCRULE_FAIL.

Data Structures:

RLGT_MASK.

Action:

Use RC/V to make ODD changes since it will flag all invalid actions.

322. CCPSIU_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSIU transport has failed to deliver a message to the MTP. Either the message to be sent had an illegal size or there was an unexpected fail return from the function PSn_msgdel.

323. CCPTDP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

Purge insane or unreachable SS7 traffic diversion terminal process.

324. CCQIWKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The common channel signaling (CCS) originating terminal process (OTP) or terminating terminal process (TTP) received unexpected message data that requires Q.931/integrated digital services network (ISDN) user part (ISUP) interworking. Based on the mapping keys, the outgoing message may be incorrect. The following data is dumped: the CCS feature data block in the process control block data link area (PCBLA), and the incoming message data.

325. CCQPHODDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When initializing data associated with a message delivery QPH(s), a discrepancy was found within the SM ODD between one of the following relations:

A QPH defined in RLQPH is missing a corresponding pipe tuple(s) in RLQPHPIPE for one or both networks.

Action:

Actions must be taken to correct the relation in question.

326. CCQPHUNINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCmastcpinit() or CCsndtable() was called by CCqslsddupd() to access the CCSQPHSLS table which has not been successfully initialized yet.

Probable Cause:

None.

Action:

None.

327. CCQPHWQERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to save a message into the QPHFR-SMP work queue or to retrieve a message from the work queue, but found that the number of QLL events in the message is 0. This is a defensive check and also for debugging.

Probable Cause:

Either there is a corruption in the work queue or in the message.

Action:

Check the information dumped and take appropriate action.

328. CCQSLSNOMATCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QENDPT	Audit Mode: elev

Problem:

The tuple reading function CCrdtup returned CCNO_MATCH when trying to read a tuple in the CCqsls_qph[] table.

Probable Cause:

A corruption in the CCqsls_qph[] table.

Action:

Escalate to an audit on the CCqsls_qph[] table.

329. CCQUEUEMNERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cannot send DMERT message to destination *UNIX*[®] process because of a queue manager error; function queuemn() returned a failure code.

330. CCRCGTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure to insert or update the dynamic tuple RLRCGTMR.

331. CCRCGXDPC (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XDPCSTAT	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLRCGTMR and a member tuple in RLXDPCSTAT.

332. CCRDBMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

A linkage problem has been detected between the owning RLS7RDB relation and the RLS7MDB member relation.

333. CCRDBRST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

A linkage problem has been detected between the owning RLRSTMR relation and the RLS7RDB member relation.

334. CCRDBXPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

A linkage problem has been detected between the owning RLXPTMR relation and the RLS7RDB member relation.

335. CCRDICCST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from DBxrdgparm() when attempting to read the value of Gliccsstpdb as a part of a recent change transaction. The recent change operation was aborted.

336. CCRDTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdtup() function did not return success.

337. CCREASNBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For the 5EE4(3) generic, SCCP signaling system, SCCPBUF area of memory, in the SMP, PHDA system process when trying to modify tuple data in one of the conversion tables the 'REASON' for the update did not fit into one of the available possibilities. This should not happen ... indicates major switch problems involving RC/V and/or DBM and/or PHDA.

338. CCRETCODE_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the cHsxhdr() function. The message was dropped.

339. CCRETRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

General returning assert.

Data Structures:

None

Action:

It is just information; therefore, no action is required by the craft.

340. CCRLMDPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The step first, step next traversal of the MDPATH relation failed. Did not reach end of relation.

341. CCRNBFOV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not allocate a buffer for writing a message to the ring.

342. CCRSTCLU (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLURDB	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLRSTMR and a member tuple in RLCLU_RDB.

343. CCRSTXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLRSTMR and a member tuple in RLXLIST.

344. CCRT_TG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCS7 software could not translate an rIRT_TG tuple.

Probable Cause:

An internal error has occurred. The tgid value used does not have a tuple in the RLRT_TG relation.

Action:

Contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

345. CCS7MDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: S7MDB	Audit Mode: elev

Problem:

Linkage error on RLS7MDB is suspected. Audit scheduled. This is the private buffer of the CCITT7 STRM System Process.

346. CCS7PSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

TMccs7psa() has been broken because the OOS MTCE CCSINIT or OOS BLKD port statuses were changed to be AML affecting statuses.

Probable Cause:

The TMPSAML macro was changed.

Action:

Determine why these port statuses were changed to be AML affecting and assess the impacts on TMccs7psa().

347. CCS7RDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: S7RDB	Audit Mode: elev

Problem:

The data found in the RLS7RDB tuples for a destination point code (DPC) is not consistent with static data for the DPC. For example, the RLLS_DPC relation indicates that LS (link set) <l> serves DPC <d>, but none of the RLS7RDB tuples for DPC <d> contains an 'ls' value of <l>. The traffic diversion terminal process (TDTP) feature data block is dumped to get some information about the current diversion activity, including the identity of the link set concerned.

Action:

This assert schedules an audit to check and correct the data in the dynamic RLS7RDB relation. If that audit finds no errors, use 'odbe' to verify that the data in RLLS_DPC is consistent with RLDPC_DPCI and RLDPC_INFO for the DPC concerned. If the data is not consistent, then it may be corrected using 'odbe', or by using recent change to delete and then reinsert the DPC using RC/V View 16.10 (SIGNALING POINT CODE).

348. CCSAEASCCP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SCCP buffer is not the required 2 megabytes in length after an ODD growth. A problem exists with the SM's critical information files. Any SCCP data in the SM may be invalid. A full SM initialization should be performed to update critical information files and rebuild all the SCCP tables. The values dumped are the current values of the SCCP buffer's start address and end address.

349. CCSBKINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a read of RLIND_DPC, the backup index field was found to be out of range.

Data Structures:

Relation RLIND_DPC. Key field: psn_index.

Action:

Via RC/V view CCPBC, remove the backup translation for the entry given by the tuple with the psn_index in the craft assert. After deleting the backup translation, insert the backup translation again. If this error continues to occur after the above actions, the office ODD has been corrupted.

350. CCSCBADADDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad processor address when sending a SCCP build request message.

351. CCSCBADLGTH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad message length for MGSCBLDREQ when sending the message to the SCMT terminal process.

352. CCSCBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad message for MGSCBLDREQ when sending the message to the SCMT terminal process.

353. CCSCCP_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: SCCPSTAT	Audit Mode: elev

Problem:

One or more attributes in an RLSCCPSTAT tuple contain invalid values.

354. CCSCMPREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a subsequent read of an SCCP network management relation, a return value of empty relation was received. If this occurs during initialization, the SCCP network management data may not be built.

355. CCSCNMINFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization of the SCMG system process, it was found that the SCMG model code could not be executed. It is possible that the package is not loaded. If this is the case, this should not be a problem. If the package is loaded, try manually executing a single process purge of the process in order to get the code running. To purge the process, type the following MML command:

```
init-smssp:<SM #>,<Process #>;
```

If this should fail, it is likely that the SM package array is corrupted. First level field support should be contacted to write an IMR.

356. CCSCVERE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Out of range SCCP memory layout has been detected. This error has prohibited the allocation of pointers to the data tables that reside in the SCCP memory region in the PH.

Probable Cause:

This error can only occur as a result of a wild write or a coding error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting field support personnel.

357. CCSDAU_SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The signaling status data audit (SDAU) terminal process was running longer than expected, or the communication module processor (CMP) signaling status data (SSDC) system process took a single process purge. The SDAU terminal process will be purged, the signaling status data will be initialized by the SSDC system process, and all of the blocked or congested signaling points will be requested from the AM.

358. CCSDNBRET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An unexpected return code was received from the FCtrhdlr() function that was communicating with an external network control point (NCP) database. The call cannot continue. The transaction data block will be dumped.

359. CCSDNPKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A software defined network (SDN) call was attempted, but the ACPSDN software package was not loaded. The sdnded field of the RLFC_TRUNK relation was set to DBYES indicating an SDN-dedicated trunk.

Data Structures:

RLFC_TRUNK. Key fields: member, module.

Action:

Determine if the trunk is a valid SDN trunk. If it is a valid SDN trunk, the ACPSDN package is missing and you should call your next level of support. If the trunk is not a valid SDN trunk, change the sdnded field in the RLFC_TRUNK relation to DBNO using RC/V View 5.1 (TRUNK GROUP).

360. CCSDPCSSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error reading RLDPC_SSN relation while processing opst-scmg command. The corresponding RC/V view is CCPBD.

Data Structures:

None.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting field support personnel.

361. CCSDRQ_SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A request for all of the signaling status data that was blocked or congested was received from the communication module processor (CMP). The signaling status data request (SDRQ) terminal process is still running and is no longer needed. The SDRQ terminal process will be purged, then restarted to process this request.

362. CCSFTPSCMG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Ten attempts have been made at creating one of the SCCP Network Management terminal processes. All the attempts have failed. No further attempts will be made.

363. CCSGSMNET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

It was discovered that SCCP is running on this GSM and no entry was found in the relation RL GSM_NET.

Data Structures:

RL GSM_NET: Key fields: GSM.

Action:

Contact field support personnel immediately for further instructions.

364. CCSIG_CICALL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The signaling protocol does not match the type_ci_call.

Action:

Change RC/V View 10.2 (ROUTE INDEX (ROUTING)) for the signaling protocol and/or RC/V View 9.3 (LOCAL DIGIT (OFFICE DIALING)) for the type_ci_call for one of the following error conditions. The calling number, if available, and the digits to be sent are included to help identify the call.

Error Type 1:	If the signaling protocol is equal access (EA) or international (INC), the type_ci_call must contain carrier information (cannot be NONCI or CI_NULL).
Error Type 2:	If the signaling protocol is international (INC), the type_ci_call cannot be feature group B (TRANSITION, INTERIM) or a type describing a call not crossing a network boundary (INTRALATA).
Error Type 3:	The type_ci_call cannot be IDDD unless the signaling protocol is international (INC).
Error Type 4:	An invalid type_ci_call exists at an access tandem (AT). The error indicates that the call entered the switch on a trunk. The valid values for common channel signaling (CCS) trunks are: • AVT (access via tandem/domestic) • INC (international) • TRANSITION (feature group B) Type_ci_call of INTER and signaling protocol of EA is only valid for a toll/tandem switch if the long distance platform is active.
Error Type 5:	The signaling protocol must be equal access (EA) and the outgoing trunk class must be IC for an LDP tandem cutthru call.

365. CCSIG_CICALL (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The signaling protocol does not match the type_ci_call.

Action:

Change RC/V View 10.2 (ROUTE INDEX (ROUTING)) for the signaling protocol and/or RC/V View 9.3 (LOCAL DIGIT (OFFICE DIALING)) for the type_ci_call for one of the following error conditions. The calling number, if available, and the digits to be sent are included to help identify the call.

- Error Type 1: If the signaling protocol is equal access (EA) or international (INC), the type_ci_call must contain carrier information (cannot be NONCI or CI_NULL).
- Error Type 2: If the signaling protocol is international (INC), the type_ci_call cannot be feature group B (TRANSITION, INTERIM) or a type describing a call not crossing a network boundary (INTRALATA).
- Error Type 3: The type_ci_call cannot be IDDD unless the signaling protocol is international (INC).
- Error Type 4: An invalid type_ci_call exists at an access tandem (AT). The error indicates that the call entered the switch on a trunk. The valid values for common channel signaling (CCS) trunks are:
- AVT (access via tandem/domestic)
 - INC (international)
 - TRANSITION (feature group B)

Type_ci_call of INTER and signaling protocol of EA is only valid for a toll/tandem switch if the long distance platform is active.

366. CCSIG_CICALL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The signaling protocol does not match the type_ci_call.

Action:

Change RC/V View 10.2 (ROUTE INDEX (ROUTING)) for the signaling protocol and RC/V View 9.3 (LOCAL DIGIT (OFFICE DIALING)) for the type_ci_call for one of the following error conditions:

- If the signaling protocol is equal access (EA) or international (INC), the type_ci_call must contain carrier information (cannot be NONCI or CI_NULL).
- If the signaling protocol is international (INC), the type_ci_call cannot be feature group B (TRANSITION) or a type describing a call not crossing a network boundary (INTRALATA).
- The type_ci_call cannot be IDDD unless the signaling protocol is international (INC).
- An invalid type_ci_call exists at an access tandem (AT). The valid values for common channel signaling (CCS) trunks are:

AVT (access using tandem/domestic)

INC (international)

TRANSITION (feature group B)

367. CCSIG_CICALL (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The signaling protocol does not match the type_ci_call.

Action:

Change RC/V View 10.2 (ROUTE INDEX [ROUTING]) for the signaling protocol and RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) for the type_ci_call for one of the following error conditions:

- If the signaling protocol is equal access (EA) or international (INC), the type_ci_call must contain carrier information (cannot be NONCI or CI_NULL).
- If the signaling protocol is international (INC), the type_ci_call cannot be feature group B (TRANSITION) or a type describing a call not crossing a network boundary (INTRALATA).
- The type_ci_call cannot be IDDD unless the signaling protocol is international (INC).
- An invalid type_ci_call exists at an access tandem (AT). The valid values for common channel signaling (CCS) trunks are AVT (access via tandem/domestic), INC (international), and TRANSITION (feature group B).

368. CCSIGTYPE_RT_TRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The incoming signaling type or the outgoing signaling type in an rIRT_TRKG tuple was not CCIS6 or ISUP7, but the group's rIRCTGRPRK tuple has trunk query allowed indicating that the group is a common channel signaling (CCS) trunk group.

Data Structures:

RLRT_TRKG. Key field: grpnum.

RLRCTGRPRK. Key field: portgrp.grpnum.

Action:

Use RC/V to correct the problem.

369. CCSINDXI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Index retrieved from relation RLDPCIND is out of the range 1 through 4095.

Data Structures:

RLDPCIND. Key fields: Destination point code, subsystem number, network number.

Action:

- (1) Attempt to delete the entry using RC/V View 16.22 (SCCP PRIMARY/BACKUP DESTINATION).
- (2) If the deletion is not allowed contact field support personnel.
- (3) If the deletion is allowed re-insert the entry using the same RC/V View. This reassigns the index to a valid value.

370. CCSLMTST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized return was received from the TMInk_tst function.

371. CCSLTEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CCITT signaling system 7 link test process was still active when a new one was created

Data Structures:

Relation RLSS7TMRS, attribute SLMT2.

Action:

Use RC/V View "CCS7 Parameters" on page 2 to increase the "LINK TEST DELAY" parameter. This will give more time to the link test process to complete its work before its next invocation. If the parameter is at its maximum value and the assert persists, then a software error is likely. Proceed in accordance with local practices.

372. CCSMDLSTAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by SCCP network management. The message will be ignored.

373. CCSMEMQC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMEMQC stands for "CCS/SCCP state machine external message queue corrupted". This assert is generated if CCsmemque, CCsmemdque, or CCsmemqhd functions in the SCCP state machine's driver finds the nextamsg index set to an invalid value (that is, greater than the number of slots in the queue). It can also be generated if the CCsmcchk function detects inconsistencies with the message queue when a process is awakened. In either event, this assert indicates that corruption of the queue has occurred.

374. CCSMEMQE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMEMQE stands for "CCS/SCCP state machine external message queue empty". This assert is generated if CCsmemdque is called to remove a message from the external message queue and the queue is empty. This would indicate a program fault or corruption of the queue has occurred.

375. CCSMEMQF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

full". This assert is generated if CCsmemque is called by the SCCP state machine's driver to place a message into the queue when the queue is full. The queue full condition should always be checked using the CCEMQFULL macro before calling CCsmemque. Therefore, this assert indicates that either program fault or queue corruption.

376. CCSMEMQP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMEMQP stands for "CCS/SCCP state machine external message queue pointer". This assert is generated if CCsmcchk determines that the pointer to this structure in CCsmstate does not correspond to the queue that should be associated with the process. Since this would indicate data corruption, the process is purged.

377. CCSMIMBF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMIMBF stands for "CCS/SCCP state machine internal message buffer full". This assert is generated if the SCCP state machine code calls CCsmimsend to place a message into the internal message buffer when that buffer already contains a message. Since the SCCP machine should never require more than 1 internal message at a time, occurrence of this assert indicates that either data corruption or a program fault has occurred.

378. CCSMMDLI (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if CCsmsched() finds a message with an invalid source or destination model identifier. This assert can also occur if CCsmcreate is called to create an instance of a non-existent model (i.e., the model ID passed to it is bad). A program fault or memory corruption is indicated.

379. CCSMMIBF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMMIBF stands for "CCS/SCCP state machine model information blocks full". Essentially, the SCCP network management state machine attempted to create more instances of its models than it had model information blocks. This is either caused by a fault in the design or corruption of the memory used to hold the model information blocks.

380. CCSMMIBM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMMIBM stands for "CCS/SCCP state machine model information block missing". This assert is generated if CCsmsched() cannot find a model information block for the destination of a message. Thus, the current message cannot be processed. This indicates that either a program fault or memory corruption of the message and/or model information blocks has occurred.

381. CCSMMRDF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if the CCsmmsgr() is entered from OSDS because a message has been received but the OSWGETMSG macro enough to hold all the messages it expects (and any others up to 252 bytes in length). Consequently, this error should not occur unless an unexpected message bigger than the buffer is sent to the machine or some other OSDS system fault occurs. In any case, if the message cannot be retrieved, the state machine cannot continue to operate.

382. CCSMMSGI (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if CCsmmdldr() finds a message in the SCCP state machine's internal buffer with an invalid message identifier. Memory corruption is indicated.

383. CCSMMSTI (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if CCsmmdldr() finds a SCCP model's state set to an invalid value (> the number of states in the model). Memory corruption is indicated.

384. CCSMPARG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if CCsmcchk finds that the value passed to CCsmmsgr in the 'arg' parameter is >= CCSMPCNT (the number of processes for which we have CCsmstate and CCemqueue resources) or that it has the wrong value (e.g., CCSMSYSP when OSpdb->procnum is NOT equal to GLPNACPS, the process number of the system process).

385. CCSMRSTR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if the OSRESTART macro invoked by CCsmmsgr() returns. This macro will also be generated if the OSREPLACE macro invoked by one of the initialization functions (e.g., CCsmmainit, CCsmmbinit, CCsmmininit or CCsmmsinit) returns.

386. CCSMSFRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMSFRC stands for "CCS/SCCP state machine state function return code error". This assert is generated if one of the SCCP models returns an unexpected value to the SCCP state machine's driver functions. A program text fault is indicated.

387. CCSMSJNS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCSMSJNS stands for "CCS/SCCP state machine sequential joystate limit exceeded". This assert is generated if CCsmmdlr finds that a model tries to execute more sequential JOINSTATES than the value contained in CCsmsjns.

388. CCSMTMRL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if CCsmtmrset is called to set a timer longer than 1000L milliseconds.

389. CCSMTMRR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated if CCsmmsgsr determines that the CCsmtmrr CCsmitmc values have become corrupted or the MGTIMER message was somehow lost in the SCCP machine's external message queue.

390. CCSMUNXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected message type received by CCS/SCCP state machine. message is discarded and the state machine waits for another message to arrive.

391. CCSND1TTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not send TTY message from ATA system process to PSA system process in the SM. Used in the CCITT craft interface.

392. CCSND2TTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not send an OSDS message from the PSA system process in one SM to the PSA system process in the other SM. Used in the CCITT craft interface feature.

393. CCSND3TTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

System process PSA (in SM) could not send an OSDS message to the CTTY terminal process. Possible failure of the CCSLK or MD input command just entered.

Data Structures:

None.

Action:

Verify the results of the CCSLK or MD command that was entered.

394. CCSNDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempt to send message to another process using OSSENDMSG has failed.

395. CC_SNDISSETUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to send the MGissetup message was received at an incoming integrated services digital network user part (signaling system 7) trunk. No data was found to be used to populate the MGissetup message. A null message is sent. Either an internal error occurred to request data that does not exist or an internal error caused data to be lost that would normally be used to populate the MGissetup message. The data dump contains the following: 1) far process ID and 2) OTP port name.

396. CCSND_KILL (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An attempt to send the incoming call origination message to the process that will handle the call failed. The call origination message may have been an initial address message (IAM) or a circuit reservation message (CRM). The software primitive that was used to send the call origination message (IAM or CRM) returned a non-resource related failure reason.

Action:

Contact the next level of support.

397. CCSND_NOKILL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A primitive used to send a message returned a non-resource related failure. The message was not sent successfully. The impact of the lost message depends on which message was lost.

Action:

Contact the next level of support.

398. CCSNETGSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read RLNET_GSM. Either an invalid key was used to read the relation or a tuple is missing from the relation. Verify that the ODD is correct.

399. CCSNOTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuples found in the RLDPC_SSN relation while processing opst-scmg command.

Data Structures:

None.

Action:

Insert the data in the RLDPC_SSN relation via RC/V view CCPBD. Verify via RC/V if the data is in there. Repeat the opst-scmg command you were trying again.

400. CCSP_ENTRY (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the direct signaling system process.

401. CCSRETURN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A general returning assert.

402. CCSSBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A GPHDA function has been passed an invalid signaling system parameter.

403. CCSSD_FULL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The signaling status data point code hash table in the communication module processor (CMP) was full. This has two possible meanings.

1. There are more tuples in the RLLAB7_PCI relation than the maximum allowed. The table can hold 256 point codes.

2. The CCpcfreelist pointer was corrupted.

In either case the point code hash table will be rebuilt.

404. CCSSD_OSWBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the OSwgetmsg() function while waiting for an operating system for distributed switching (OSDS) message.

405. CCSSDSP_ENTRY (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason for entry was found in the signaling status data system process.

406. CCSSD_TAGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected timer tag was received.

407. CCSSNIS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to put the signaling connection control part (SCCP) subsystem number in service.

408. CCSSNOOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to take the signaling connection control part (SCCP) subsystem number out of service.

409. CCSSSNINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid subsystem found after successfully reading RLDPC_SSN relation.

Data Structures:

RLDPC_SSN.

Key field : Destination point code.

Network indicator.

Action:

Remove the tuple from relation via RC/V.

410. CCSTATE_INVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid state.

411. CCSTFPUPC (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Clusters with non-zero members should not have ROUTING FLAG set to UPOPCLU in RC/V View 15.9 (CLUSTER ROUTING DATA). This situation can cause the entire cluster to become isolated if one member belonging to this cluster is blocked (TFP'ed). This assert is fired when trunks are found going to a DPC which is a member of this cluster.

Action:

The routing flag in RC/V View 15.9, for network and cluster of this DPC, should be changed from the current UPOPCLU value. The correct value will depend on your network configuration.

412. CCT7NOTLOADED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to a function in the CT7MPSIU loadable package cannot be executed because the CT7MPSIU package has not been loaded into SM memory. Either the package is missing when it should be present or an erroneous function call has been made.

413. CCTAB_ID_BAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When trying to modify data in the 5EE4(3) generic, SCCP signaling system, SCCPBUF area of memory, in the SMP, an error occurred which then tried to run an audit on that particular table in which the bad tuple was found. An audit for that table ID was not found. This is either a code problem or a major switch problem.

414. CCTABSIZE (5E11 and later)

Recovery Action: -rpi SPP: n Audit:	SPP: n	Audit: null	Audit Mode: null
null Audit Mode: null			

Problem:

A read of the ODD has indicated that the actual number of tuples in this table has exceeded the threshold for this HASH table. This will result in a slowdown of access to this particular table. If message processing slows down this is a possible reason.

Data Structures:

The three conversion tables are: CCCLDPTY, CCCNGPTY, and CCADMGRP in global headers: CCcldpty.h, CCcngpty.h and CCadmgrp.h. The table dictionary definition array information is defined in: ccs/CCphdprim/CCphdadict.c. The RC/V screens for these tables are respectively: CCCDP, CCCGP and CCADG.

Action:

Temporarily some tuple information may be removed to increase speed of accessing data but true corrective action will require that the affected table be reengineered for optimum access of data for the anticipated size of the data requirements. One can use RC/V screens for the ODD relations: rICV_CDPY or rICV_CGPY or rICV_ADMGP, to delete tuples from the affected relation which will then update the affected table in both the SM and PH.

415. CCTATYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The keys used to read the RLTATYPE relation were not set properly, or the tuple was missing from this relation.

Data Structures:

RLTATYPE. Key field: tatype.

Action:

Use RC/V View 10.1 (FIXED ROUTE) (or ODBE, if necessary) to cross-check the data for the keys in the RLTATYPE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

416. CCTBLDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an SCCP tuple during a full init. The possible tables that could have failed are: CCgtidx_gt[], CCgtpcidx_opc[], and CCssnidx_ssn[].

Probable Cause:

Data inconsistency.

Action:

Verify that the data being inserted is defined correctly.

417. CCTBL_ERAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCGTBL	Audit Mode: elev

Problem:

An error was found and corrected in the SCCP GTT translation group table (CC7GTT_TBL). The error was one of the following:

Entry already existing on insertion.

Entry missing when updating or deleting.

An audit has been scheduled for this specific table.

418. CCTBLFUL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to insert a tuple into a PHDA table that is full. The table must be re-engineered.

419. CCTCBLEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The outgoing transaction capabilities application part (TCAP) message had an unexpected length.

420. CCTCCOMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to format a component in a transaction capabilities application part (TCAP) message.

421. CCTCINVAPP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to find a match on the direct signaling application type when trying to access application specific functions for processing transaction capabilities application part (TCAP) messages.

422. CCTCSCCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to format the signaling connection control part (SCCP) portion of a direct signaling message (DSM).

423. CCTCTRANS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to format the transaction portion of a transaction capabilities application part (TCAP) message.

424. CCTFPR_DPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TFPRDPC	Audit Mode: elev

Problem:

Failure in reading/writing RLtfpr_dpc.G.

425. CCTMHTBLERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During insert of CCtmhngsmacc[] tuple, an error was encountered.

Probable Cause:

GPHDA insert error.

Action:

This table can only be accessed internally in the code so let the code go through the flow to correct the problem.

426. CCTMMC7SNDRET (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to send an integrated services digital network user part (ISUP) blocking message. When the failure occurred, a data dump was sent to the read-only printer (ROP).

Action:

Contact next level of support.

427. CCTMMC7SNDRET (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to send an integrated services digital network user part (ISUP) blocking message. When the failure occurred, a data dump was sent to the read-only printer (ROP).

Action:

Contact next level of support.

428. CCTPTBDP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The purge (or purges) of a process considered a runaway has occurred. A table containing the process IDs (PIDs) will be dumped to correlate the pids.

Action:

This assert provides additional data from a purge of a TP controlled by the CCmaint system process. If this occurs frequently contact the product engineering control center (PECC).

429. CCTRANBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function was entered that required a Transaction ID, however no Transaction ID was provided.

Action:

Contact the product engineering control center (PECC) for support.

430. CCTRANSER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 MSU received for a DPC which has another owning network but whose translated value is not found in office data.

Data Structures:

RLDPC_INFO.

Action:

Use recent change to assign an "Other Network Point Code" to the unreachable DPC. Proceed as follows:

- (1) Read DPC and OPC from ROP printout.
- (2) Use RC/V View 16.10 (SIGNALING POINT CODE) with point code equal to the DPC found in step (1) to display the "Owning Network" for the DPC.
- (3) Communicate with personnel of the owning network to determine their value for the point code of the office OPC.
- (4) Use RC/V View 16.10 with point code equal to the OPC and fill in the "Other Network PC" fields (network and PC) with the values determined in steps (2) and (3), respectively.
- (5) If the assert persists, a software error is likely. Proceed in accordance with local practices.

431. CCTRIG_BREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation ID was passed to the direct link node (DLN) database (DB) trigger function.

432. CCTRIG_ROP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A direct link node (DLN) database (DB) trigger function could not send a craft error message to the receive only printer (ROP).

433. CCTRMFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing in the RLTRMFEATS relation. The receive only printer (ROP) output provides the SM number (MOD), the source file and line number, and the keys used to read this relation.

Data Structures:

RLFC_TRUNK. Key fields:

RLTRMFEATS. Key fields: lport, lpt_type, range.

Action:

An attempt to read the RLTRMFEATS relation using the original, non-BRCS feature group (BFG) keys was made because a BRCS feature was thought to be assigned directly to the trunk. The keys are as follows:

```
RLtrmfeats.lport = RLfc_trunk.lport
RLtrmfeats.lpt_type = LPT_OTHER
RLtrmfeats.range = 0 through 6 (defaults to 0).
```

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

- If the brc_trm value from RLFC_TRUNK is DBNO, the switch software may be in error for attempting to read RLTRMFEATS using the original (non-BFG) keys. Contact the next level of support.
- If the brc_trm value from RLFC_TRUNK is DBYES, the lport from RLFC_TRUNK should equal the lport in the ROP output and the lpt_type must be LPT_OTHER. If the values do not match, further office-dependent data (ODD) inconsistencies may exist or the switch software may be in error. Contact the next level of support.
- If brc_trm is DBYES and the lport and lpt_type values match, an rLTRMFEATS tuple should exist for the original (non-BFG) keys:

```
RLtrmfeats.lport = RLfc_trunk.lport
RLtrmfeats.lpt_type = RLfc_trunk.lpt_type
RLtrmfeats.range = 0
```

Contact the next level of support to insert the appropriate rLTRMFEATS tuple.

434. CCTRSPENT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the common channel signaling (CCS) transport system process.

435. CCTXNDATA (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access TCAP transaction management data with bad data provided by the user. The most probable cause is during an update scenario where the user is trying to update a transaction management entry.

436. CCTXNINFO (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: TXNINFO	Audit Mode: elev

Problem:

A failure to access a tuple of the relation RLTXN_INFO was detected.

Action:

The call attempting the tuple access will be returned a failure and an elevated audit will be run to correct the problem.

437. CCTYP_CI_CALL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While routing a call from a 5ESS® switch digital cellular switch (DCS) to the public switched telephone network (PSTN) via an integrated services digital network (ISDN) user part (ISUP) trunk, an unexpected value was detected in the field that describes what type of carrier interconnect features a call possesses.

Action:

Contact next level of support.

438. CCTYP_ERAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCGTT	Audit Mode: elev

Problem:

An error was found and corrected in the SCCP GTT translation type table (CCTTRAN_TYP). The error was one of the following:

Entry already existing on insertion.

Entry missing when updating or deleting.

An audit has been scheduled for this specific table.

439. CCUIDMBGBK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A MBG call has been originated on the ISUP7 trunk shown. Based on analysis of the CdPN, the call should terminate in this switch. However, the mbgid, provided in the incoming IAM message could not be translated into a tgid value that is associated with terminals on this switch. This switch is deficient in the mbgid to tgid translation data that should have been entered on RC/V View 4.12.

Data Structures:

TKG MN MBGID CdPN (called number) CPN (calling number)

Action:

Insert translations for the mbgid shown using RC/V View 4.12

440. CCUNEXP_STATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The common channel signaling (CCS) originating terminal process (OTP) received an unexpected state from an ASP function. The call will be torn down. Data dumped is the new state value and the CCS feature data block in the process control block link area (PCBLA).

441. CCUNINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCrdtup() or CCgdynupd() was called to access a GPHDA table which has not been successfully initialized yet.

442. CCUNKINIT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown initialization reason for a system process.

443. CCUNKTDTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message received by CCITT7 STRM system process from an unknown TDTP

444. CCUPDSTPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered while trying to store the number of common channel signaling setup data blocks needed into a global parameter.

Action:

Contact your next level of support.

445. CCUXPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTTY terminal process (CCITT and MD craft interface) received an unexpected message.

446. CCUXPTTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected message received by the CTTY terminal process. The CCSLK or MD input command just entered will be aborted.

Data Structures:

None.

Action:
Reenter input command.

447. CCVERBER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Calling CCmdopam() with improper parameter.

448. CCVQIDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The semi-global data area for variable query identifications (QIDs) was corrupted. The software in the ccs/CCopvqid module that detected the corruption will initiate a rebuild of the variable QID lists.

449. CCWBTBLOCK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A database read of the wideband trunk block relation failed. This relation contains information that is needed to make wideband (NxDS0) calls. Since this information is not available, the incoming call was released by sending a REL message with cause #41 "temporary failures".

Action:
Contact the next level of support.

450. CCXDPCSTAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XDPCSTAT	Audit Mode: elev

Problem:
One or more attributes in an rIXDPCSTAT tuple contain invalid values.

451. CCXDPCXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:
Linkage error between rIXLIST and rIXDPCSTAT tuples.

Probable Cause:
Dynamic data is corrupted.

Action: Have audits fix the problem.

452. CCXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:
One or more attributes in an rIXLIST tuple contain invalid values.

453. CCXLUNEXRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return value from xlist handling function.

454. CCXNOMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Input message requesting the status of DPC/APC has not been received by the process.

Data Structures:

OPST.

Action:

- 1) Read message from the ROP print out.
- 2) Request for the status later.

455. CCXPSYNC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCS7 software could not send an MGxpsync message to the multi-way system process (MCmwsuperv()).

Probable Cause:

An internal error.

Action:

Contact the next level of support.

456. CCZOMBIE (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A terminal process was still alive that should have died.

Action:

The process will be killed.

457. FCPCC_CC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A called number parameter, which includes a country code (CC), was received from an initial address message (IAM) of an equal access international call. The CC in the parameter

Data Structures:

RLFCPCC_CC. Key fields: digit count 1-3, CC.

Action:

The dumped data includes the CC digits, one byte per digit (subtract hex 30 from each), and the incoming trunk (port). Three digits are dumped for the CC, but the country code could consist of the first digit, the first and second digits, or the first, second, and third digits.

Determine whether the digits that were received include a valid CC.

- If the CC is valid and for this CC, use RC/V View 9.18 (PAIRED COUNTRY CODE [PCC] / COUNTRY CODE [CC]) to add the tuple.
- If the CC is not valid, the sending office is possibly sending invalid digits.
- If the CC is valid and a corresponding rIFCPCC_CC tuple exists, then the relation must be corrupt. Check the relation and recreate it using RC/V View 9.18 (PAIRED COUNTRY CODE [PCC] / COUNTRY CODE (CC)) (or ODBE, if necessary).

458. XCCSBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A 5ESS[®] switch internal message or BT SS7 message, of a type not recognized has been encountered by one of the BT SS7 formatting functions CCgetbtmsg(), CCputbtmsg(), CCfrombttup(), CCTobttup(). The structure, of type CCEMSG, which contains the message, is dumped, except in the case of the assert being fired in CCfrmbttup(), in which case the dumped data is the received BT SS7 message.

Range: ccsph**1. CCABADOPCI (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad originating point code index (OPCI) has been detected in the incoming routing table for CCITT7 trunks. It is likely that all trunks for the associated OPC are unavailable for call processing because of this error. There may be too many DPCs or an invalid DPC in the RLDPC_INFO relation, or in RLDPC_DPCI. This assert is used only after the PH is initialized. It will lead to escalation of recovery.

2. CCACBDSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state variable CCacc_state for STP message accounting in the PH has been detected as being invalid.

Probable Cause:

This problem can be the result of a software error. Either there is a problem with the finite state machine (FSM) for STP message accounting, or else an unknown software process in the PH has erroneously overwritten the state.

Action:

The state of STP message accounting for this PH is reset back to IDLE after this assert is reported. The global variable CCacc_state and the contents of the last STP message accounting data packet that was transmitted is then dumped to the ROP for further debugging.

3. CCACKFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The acknowledgement message used by PHDA in the PH to inform PHDA in the SMP that all data initialization has completed failed transmission. The function PSendmsg() is the failing function. This will cause the PH to fail initialization.

4. CCAOPCNUM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH is unable to accept a new destination point code for use in the CCdpc2dpci[] table, because the table is already full. This assert code is used only after initialization is complete. It will escalate.

5. CCARDNOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote signaling point (RSP) service domain has received a RSP application request for a DPCI segment that is currently not owned by this PH. This is probably the result of a corrupt DPCI segment to PH ownership table in either this PH or the processor that sent the request. The request will be forwarded on to the SM processor and a request will be made to refresh the data.

6. CCBADCRANGE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal structure of the incoming routing tables for CCITT7 trunks is corrupt. In particular, the range of CICs for an OPC extends beyond the size of a routing table. Things are rotten in this PH.

7. CCBADDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that PHDA found an irrecoverable inconsistency in the PH tables. A SI macro will be called to assert the error lead.

8. CCBADDEL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received a request from the SM to delete a CCITT7 trunk from the incoming routing table, but that trunk cannot be found. If this assert occurs, there is a good chance that the incoming routing table is corrupt and that some CCITT7 trunks will be unavailable for call processing use.

9. CCBADICT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data found in PHDA table access dictionary.

10. CCBADKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to access a PHDA indexed table with an invalid key.

11. CCBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that a PHDA received message is of the wrong type.

12. CCBADNUMCIC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received a request from the SM to insert, delete, or update a CCITT7 trunk, but the number of trunks for the OPC reported by the SM differs from the number recorded in the PH. It is likely that the incoming routing table in the PH is corrupt and that some or all CCITT7 trunks are unavailable for call processing. It is possible that the 'numcic' values in RLDPC_INFO have become inconsistent with the number of trunks in RLLAB7_SM.

13. CCBADOPER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PH interject encountered an invalid operation type in a PHDA packet.

14. CCBADPBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHDA interject code for packet data updates has received a bad unbuffer indicator.

15. CCBADPEOT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHDA interject code for packet data updates has received a bad end of transaction indicator.

16. CCBADPINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHDA interject code for packet data updates has received an information packet with bad data.

17. CCBADSEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that an update message was received out of sequence in the PH. This is an irrecoverable situation, as it is unknown how many update messages were lost. A SI macro will be called to cause the error lead to be asserted.

18. CCBADSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that during a voice trunk delete operation in the trunk tables in the PH1 or PH3, the SM number of the trunk to be deleted did not match the SM number of the trunk that was found and deleted from the trunk tables. A possible cause of this discrepancy is that an update transaction of this trunk's SM was missed.

19. CCBADSS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PH interject encountered an invalid signaling system type in a PHDA packet.

20. CCBADTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid PHDA table identifier was encountered.

21. CCBADTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PH interject encountered an invalid data type in a PHDA packet.

22. CCBADUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There was bad update information contained in an update message sent to PHDA from the SM. This is irrecoverable, so a SI macro will be called to cause the error lead to be asserted.

23. CCBAPCKSUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The checksum value calculated by the PH and the checksum value calculated by the SM for the APCI to DPCI table are different. A dynamic data refresh will be requested to correct the table.

24. CCBDCCKSUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The checksum value calculated by the PH and the checksum value calculated by the SM for a dynamic GPHDA table is different. A dynamic data refresh will be requested to correct the table.

25. CCBDCLUCKSUM (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Mismatch in the checksum values calculated by the PH and the SM on CCclust_route[].

Action:

A dynamic data refresh must be requested to correct the table CCclust_route[].

26. CCBNETCKSUM (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A mismatch occurred between the checksum values calculated on table CCnet_route[] in the SMP and the PH.

Action:

A dynamic data refresh is necessary to correct CCnet_route[].

27. CCBDPCKSUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The checksum value calculated by the PH and the checksum value calculated by the SM for the DPC to LS table are different. A dynamic data refresh will be requested to correct the table.

28. CCBDXLISTCKSUM (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A mismatch occurred between the checksum values calculated on table CCxlist_route[] in the SMP and in the PH.

Action:

A dynamic data refresh must be requested to correct CCxlist_route[].

29. CCBLSIKSUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The checksum value calculated by the PH and the checksum value calculated by the SM for the linkset information table (CCls_info[]) are different. A dynamic data refresh will be requested to correct the table.

30. CCBMADPCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCTfmrsp() function received an STRM MRISP message with an out of range "apc_dpci" field. This field is the destination point code index (DPCI) of the adjacent point code (APC) to which we need to send a transfer prohibit (TFP) signal. If this error occurs, a response TFP signal will not be sent to the APC that generated the bad message. The entire contents of the internal STRM message (struct mgSS7TRM) are dumped.

31. CCBMDPCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCTfmrsp() function was passed an STRM MRISP message with an out of range DPCI. The DPCI should have been range checked by the caller, so it should never be out of range. If this error occurs, a response TFP will not be sent to the adjacent signaling point that sent the bad message that caused the MRISP. The entire contents of the STRM message (struct mgSS7TRM) are dumped.

32. CCBMSEGIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCTfmrsp() function received an STRM MRISP message for a DPCI that the PH on which it is running does not own. This should never happen, as the caller should have verified this information before passing the message to CCTfmrsp().

33. CCBSTCKSUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The checksum value calculated by the PH and the checksum value calculated by the SM for the ST to PH table are different. A dynamic data refresh will be requested to correct the table.

34. CCCKSUMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that the PH copy of the STP OPC policing matrix does not match the SM copy of the policing matrix. This is irrecoverable so a request will be made to repump the PH.

35. CCCLUSTNUM (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Table CCclu2clix[] is full. The request to insert a new cluster value is rejected.

36. CCCLUTBLEMPTY (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Table CCclu2clix[] is empty. The request to delete an entry is rejected.

37. CCD2PFIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote signaling point (RSP) service domain has failed for some reason to initialize the destination point code index (DPCI) to PH ownership table in this PH. Therefore a data inconsistency now exists regarding the same information in the SM and/or other PHs in this PSU. The consequences of this error is that RSP application work that should be performed by this PH will not be done. However, other attempts will be made by the SM to correct this when it detects the inconsistency.

38. CCDATACORR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Some PHDA data was found to be inconsistent in the PH tables, but was corrected to match the SM data.

39. CCDDBCNTBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGDDB	Audit Mode: elev

Problem:

A data corruption has been detected in a protocol handler (PH) remote congestion (RCG) timer cell. The count of destination data blocks (DDB) linked in a list to the RCG timer cell has been detected as being inconsistent with the actual number of DDBs that really are linked to it.

Action:

The DDB and RCG data will be dumped out to the ROP. The RCGDDB audit will then be elevated to run, at which time the corrupted table should be corrected.

40. CCDDBFail (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was encountered when attempting to obtain a pointer to a destination data block (DDB). The error is a

result of either a bad destination point code index (DPCI) from a transfer control (TFC) signaling message, or a problem with the DPCI assignments in the protocol handler (PH).

Action:

The TFC MSU information and the local copy of the PH to DPCI segment table will be dumped out to the ROP.

41. CCDDDBIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGDDB	Audit Mode: elev

Problem:

Failed to idle a protocol handler (PH) destination data block (DDB). The reason for this failure is that the stored key of the DDB was found to be invalid. Therefore the DDB structures are corrupted. The result of this problem is that a particular CCS destination will not have a correct congestion state.

Action:

The DDB and the TFC MSU information will be dumped out to the ROP. The RCGDDB audit will then be elevated to run, at which time the corrupted table should be corrected.

42. CCDDBLNKBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGDDB	Audit Mode: elev

Problem:

A data corruption has been detected in the protocol handler (PH) destination data block (DDB). The linked list of DDBs on a remote congestion (RCG) timer cell has been detected as being corrupted.

Action:

The DDB and RCG data will be dumped out to the ROP. The RCGDDB audit will then be elevated to run, at which time the corrupted table should be corrected.

43. CCDDBOWNBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGDDB	Audit Mode: elev

Problem:

A data corruption has been detected in the protocol handler (PH) destination data block (DDB). The owner field of the DDB has been detected as being invalid.

Action:

The DDB data will be dumped out to the ROP. The RCGDDB audit will then be elevated to run, at which time the corrupted table should be corrected.

44. CCDISDPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PH data discrepancy has been detected between the CCdpc_info[] data table in the PH and the static SM relation, DPC_DPCI. This table contains the CCITT7 protocol destination point code (DPC) related data. Thus the error can result in odd behavior with some CCITT7 features.

Probable Cause:

This error can be a result of the invalid use of ODBE with the DPC_DPCI relation. If this is not the case and the error occurs repeatedly, a software bug may exist.

Action:

The data discrepancy is corrected after this assert is reported. The CCdpc_info[] table contents and the copy of the data from the SM are dumped to the ROP for further debugging.

45. CCDISILS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PH data discrepancy has been detected between the CCilsd_pol[] data table in the PH and the static SM relation, ILSD_POL. This table contains the ILS/DPC policing matrix for the CCITT7 protocol. Thus the error can result in odd behavior with the ILS/DPC policing feature.

Probable Cause:

This error can be a result of the invalid use of ODBE with the ILSD_POL relation. If this is not the case and the error occurs repeatedly, a software bug may exist.

Action:

The data discrepancy is corrected after this assert is reported. The CCilsd_pol[] table contents and the copy of the data from the SM are dumped to the ROP for further debugging.

46. CCDISLSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PH data discrepancy has been detected between the CCIs_grp[] data table in the PH and the static SM relation, LS_GRP. This table contains the CCITT7 protocol Link Set related data. Thus the error can result in odd behavior with some CCITT7 features.

Probable Cause:

This error can be a result of the invalid use of ODBE with the LS_GRP relation. If this is not the case and the error occurs repeatedly, a software bug may exist.

Action:

The data discrepancy is corrected after this assert is reported. The CCIs_grp[] table contents and the copy of the data from the SM are dumped to the ROP for further debugging.

47. CCDISOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PH data discrepancy has been detected between the CCoffpar_ht[] data table in the PH and the static SM relation, OFF_PAR. This table contains the office parameters for the CCITT7 protocol. Thus the error can result in odd behavior with some CCITT7 features.

Probable Cause:

This error can be a result of the invalid use of ODBE with the OFF_PAR relation. If this is not the case and the error occurs repeatedly, a software bug may exist.

Action:

The data discrepancy is corrected after this assert is reported. The CCoffpar_ht[] table contents and the copy of the data from the SM are dumped to the ROP for further debugging.

48. CCDREQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either of the following requests failed:

- (1) Request to have an SCCP static table downloaded to all PHs.
- (2) Request to update SCCP static table data due to an SCCP hashsum discrepancy.

49. CCDUPINS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received a request to insert a trunk into its incoming routing table, but it already has a trunk with the same OPC and CIC in its table.

50. CCEXDPSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCITT7 remote signaling point (RSP) service domain has determined that more than the allowed number of DPCI segments have been assigned to the PH. These extra DPCI segments will not be owned by this PH and the error indicates a data mismatch between the PH and the SM. The consequence of this error is that the SM may assign STRM tasks, such as the generation of TFP, TFA, or RST message signaling units (MSUs) to this PH which may not be performed.

51. CCICRBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency has been detected during initialization of the incoming routing table. The problem is NOT related to the ODD. We will "report only" and carry on PH initialization. It is likely that many CCITT7 trunks may become unavailable for call processing due this error.

52. CCICRODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While initializing the incoming routing table for CCITT7 trunks, a data inconsistency has been detected that is probably due to improper trunk data in the ODD. Possible ODD errors include:

- (1) too many trunks with even-numbered (or, independently, odd-numbered) CICs for a single originating point code in RLLAB7_SM.
- (2) Incorrect "num_evencic" or "num_oddcic" value in RLDPC_INFO for some point code, with respect to the number of trunks for that point code in RLLAB7_SM.

53. CCINVPKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received an STP accounting data packet with invalid contents. The sender of the packet is in error and thus the packet will be discarded.

Probable Cause:

Depending on the packet type the consequences can range from corrupted STP accounting data to STP accounting data being lost.

Action:

If assert occurs frequently, you could restore the affected PH.

54. CCINVPST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received a STP accounting data packet with an invalid packet subtype. The sender of the packet is in error and thus the packet will be discarded.

Probable Cause:

Bad STP accounting packet received.

Action:

If receive many of these asserts, you could remove and restore the linkset on this PH. Follow local practices.

55. CCINVSDRQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received a remote signaling point (RSP) service domain packet with an invalid service domain request type. The sender of the request is in error and thus the request will be discarded. Depending on which RSP application or RSP service domain the sender is, the consequences can range from corrupted DPCI data to CCITT7 MSUs not being generated.

56. CCLAB7NUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH has received a request to insert a new CCITT7 trunk, but it has no room left in the incoming routing tables. There are probably too many tuples (trunk) in the RLLAB7_SM relation.

57. CCLOMEMPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is not enough memory in the optional data region (ODR) for the table that is being grown in. The data that is being dumped is; the ID of the table being grown, the address where the table would end up if it allowed to be grown in and the end address of the ODR buffer. Please contact the first level of field support for further assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

58. CCNODPCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure to convert a DPC to its DPCI was encountered. The DPC was not found in the CCdpc2dpci table in the PH1 or PH3. A possible cause of this is that an insert of a DPC into this table failed.

59. CCNOPHRDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure to get the owning PH route data block (RDB) for a CCITT7 route has occurred. It is possible that the PH RDB table is corrupted or the keys used to search the table were invalid. Therefore, a CCITT7 route will not be placed onto periodic RST timing.

60. CCNOTRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure to find a trunk in the incoming routing tables has occurred. The trunk with the given DPCI and CIC values was not found in the ICR tables.

61. CCNOWP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that write protection could not be turned on or off around the PHDA data in the PH. It indicates that something is seriously wrong with the PH. A SI macro will be called to assert the error lead in the PH.

62. CCOPCIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The incoming routing table for CCITT7 trunks contains an invalid originating point code index in the OPC-to-OPCI mapping table. CCITT7 trunks associated with this OPC are likely to be unavailable for call-processing as a result of this error.

63. CCOPCIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of destination point codes recorded in the PH (protocol handler) as part of the CCITT7 incoming routing data is greater than the maximum allowable and/or does not correspond to the number of entries in the CCdpc2dpci[] table. The number of entries in CCdpc2dpci[] that are considered to have been populated is based on the number of consecutive entries starting with CCdpc2dpci[0] where CCdpc2dpci[N].dpc >= CCdpc2dpci[N+1].dpc and N < NO_DPCI - 1.

Probable Cause:

The incoming routing data is likely to be corrupt, leading to lost CCITT7 calls.

Action:

For a PH1 type of PH, the only possible manual recovery action is to completely reinitialize this PH. For other types of PHs (for example, PH3), the number (CCdpci_idx) has been updated to be consistent with the contents of the CCdpc2dpci[] table so that no manual recovery action is needed.

64. CCOPCNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization of the incoming routing table, too many originating point codes were received from the SM. This could arise if there are too many unique OPCs in the RLLAB7_SM relation.

65. CCP2DPMM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote signaling point (RSP) service domain has discovered a discrepancy between the PH's version of the PH to DPCI segment table and the SM's version. The data will be corrected in the PH, however the consequence of this error is that some RSP application work can be either lost or performed in error.

66. CCPCINUM (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Table CCipcs2pci[] is full. The request to insert a new PCI value is rejected.

67. CCPCITBLEMPTY (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Table CCipcs2pci[] is empty. The request to delete an entry is rejected.

68. CCPLENBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the pc_length field from CCgsm_info structure, found an invalid point code length.

Probable Cause:

CCgsm_info table may have been internally corrupted by software problems.

Action:

Remove and restore the affected PH.

69. CCPHDASPP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHDA system process went through a single process purge, which leaves the data in an irrecoverable state. A SI macro will be called to assert the error lead in the PH.

70. CCPHRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected error condition from read of PHDA tables.

71. CCPKTBDOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH packet update, executing at interject, has found a buffer descriptor with a null BD pointer and eof unequal to 1.

72. CCPKTSEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data update packet has been received with an incorrect sequence number.

Probable Cause:

A packet or packets have been lost between the SM and the PH, or there is a software error.

Action:

The contents of the packet is dumped to the ROP for further debugging.

73. CCPKTST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHDA interject code for packet data updates is in an incorrect state.

74. CCPKTTOTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in PH in copying PHDA data from packet to table.

75. CCPKTTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data packet update has received with an invalid transaction number.

Probable Cause:

A packet or packets have been lost between the SM and the PH, or there is a software error.

Action:

The contents of the packet and the packet update status will be dumped for further debugging.

76. CCPKTUNTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown PH packet update table type has been requested.

77. CCRCGBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGDDB	Audit Mode: elev

Problem:

A data corruption has been detected in a protocol handler (PH) remote congestion (RCG) timer cell. The head and/or tail of the linked list of destination data blocks (DDB) has been detected as being invalid. Therefore the linked list is corrupted.

Action:

The RCG data will be dumped out to the ROP. The RCGDDB audit will then be elevated to run, at which time the corrupted table should be corrected.

78. CCRCGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was encountered when attempting to place a destination data block (DDB) onto remote congestion (RCG) timing as a result of the reception of a transfer control (TFC) signaling message. The consequence of this error is that the remote congestion status for a particular destination will not have the correct state.

Action:

The DDB and RCG cell information will be dumped out to the ROP. If the failure was a result of a data corruption, the RCGDDB audit will have been elevated as a result of another specific assert.

79. CCRDBCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The count of PH route data blocks (RDBs) linked to a particular PH route set test (RST) timer cell was found to be incorrect with the actual number of PH RDBs on the list. The count is corrected.

80. CCRDBLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Periodic CCITT7 route set test (RST) timing has detected the linked list of routing data block (RDB) IDs on an active RST timer cell to be corrupted. Some routes that may have been on RST timing may no longer be actively timed. Therefore, some routes may end up being out of tolerance for the T10 timer specifications. However, the RST audit will run, find these lost routes and place them back onto periodic RST timing.

81. CCRDBRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Periodic CCITT7 route set test (RST) timing has detected the routing data block (RDB) ID at the head of the RST list to be out of range. Any other routes that may have been linked to this list for RST timing are lost and therefore no longer being periodically timed. Therefore, some routes may end up being out of tolerance for the T10 timer specifications. However, the RST audit will run, find these lost routes and place them back onto periodic RST timing.

82. CCRINRAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote signaling point (RSP) service domain has received a RSP application request with an invalid request type. The request will not be honored in this PH but instead will be discarded. The consequence is that some RSP application work, such as generating TFP/TFA MSUs or placing a CCITT7 route onto route set test (RST) timing will not be done.

83. CCSCVERE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Out of range SCCP memory layout has been detected. This error has prohibited the allocation of pointers to the data tables that reside in the SCCP memory region in the PH.

Probable Cause:

This error can only occur as a result of a wild write or a coding error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting field support personnel.

84. CCSDSLRATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad DSL rate for update to alignment timers in PH.

85. CCSSDIVA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An STRM packet was received by the STRM service domain for an invalid application as identified by the subtype field in the STRM packet. The STRM packet is dumped in the error report.

86. CCTBLEMPTY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request has been made to delete an entry from the PH CCdpc2dpci[] table, but the table is currently empty.

87. CCTBLFUL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to insert a tuple into a PHDA table that is full. The table must be re-engineered.

88. CCTFBADDSEG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The translation from a DPCI segment to a PH DPCI segment Index failed. The

CCGETPH_DPCI_SEGMENT_INDEX() macro is used to make this translation. Some possible causes of the problem are a corrupt CCph2dpci[] table, or an invalid DPCI segment as a parameter to the macro. The following data is dumped:

- (1) The packet containing the bad DPCI segment.
- (2) The DPCI Segment Index to DPCI Segment table.

89. CCTFINVA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid (out-of-range) APC index (APCI) input parameter was encountered in a TFP/TFA Job Function. This error indicates a possible data mismatch between this PH and another PH or the SM due to data corruption or recent changes to the APCI and/or DPC (DPCI) to link set (LS) translation tables and/or the associated maximum APC index global data parameter (CCapcindx). The requested TFP/TFA job is not performed and the two input parameters, APCI and DPCI, are printed along with the maximum APC index global parameter.

90. CCTFINVD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid (out-of-range) DPC index (DPCI) input parameter was encountered in a TFP/TFA job function. This error indicates possible corruption to the TFP/TFA job table or a possible data mismatch between this PH and another PH or the SM due to recent changes to the DPC (DPCI) to link set (LS) table and the associated maximum DPC index global parameter (CCdpclsidx). The requested TFP/TFA job is not performed and the job table entry for the given APCI/DPCI pair is cleaned up. The two input parameters, APCI and DPCI, are printed along with the maximum DPC index global parameter.

91. CCTFINVS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid (out-of-range) DPCI segment index input parameter was encountered in a TFP/TFA job function. This case should never happen except for a programming error. The three input parameters, APCI, DPCI, and DPCI segment index, are printed.

92. CCTFINVT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA job table processing function was passed an invalid job table, as defined by the DPCI segment index and DPCI group index input parameters, respectively. This ASSERT can only be caused by a programming error. Both the DPCI segment and group indexes are printed.

93. CCTFIPLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with an invalid length. The packet is discarded. As a result, TFP and/or TFA job request may have been lost. The packet is printed along with the packet length (BD actcount) in the error report.

94. CCTFIT8ID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid (out-of-range) TFP job ID was on T8 timing. The job ID consists of the APCI, the DPCI segment index, and the DPCI within the DPCI segment. The TFP/TFA job table entry for the given job ID cannot be updated when the job ID is out-of-range since there is no data to be checked/updated. If there is any data inconsistency in one of the job tables as a result of a lost T8 timer job, the TFP/TFA job table process will detect the problem and correct it.

95. CCTFITDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TFP/TFA transmit dirty bit was not set when a TFP/TFA MSU was blocked from being sent as the result of one of the signaling link transmit counters having reached the maximum transmit threshold. The TFP/TFA transmit dirty bit is set so that the transmit counters are cleared on the next 200ms PH interject clock cycle and allow the TFP/TFA MSU to be sent over the appropriate signaling link. The transmit dirty bit is printed in the error report.

96. CCTFITFX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bundled TFP/TFA packet was received with one or more invalid TFP/TFA job requests. Each invalid job request is discarded. The packet header is printed with the count field set to the number of invalid job requests and the first invalid job request loaded into the first job request slot that follows the packet header. In addition, the maximum DPC index (CCdpclsidx) and APC index (CCapcindx) global parameters are also printed in the error report.

97. CCTFIVA0 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with a job request for APCI zero. The packet is discarded. As a result, TFP or TFA MSUs may be lost. The packet header is printed along with the APCI bit-map in the error report.

98. CCTFIVABIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with job requests for invalid APCIs. The packet is discarded. As a result, TFP or TFA MSUs may be lost. The packet header is printed along with the last valid byte of the APCI bit-map and the maximum APC Index global parameter (CCapcindx) in the error report.

99. CCTFIVACNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with in invalid APCI count. The packet is discarded. As a result, TFP and/or TFA MSUs may be lost. The packet is printed along with the maximum APC index global parameter (CCapcindx) in the error report.

100. CCTFIVD0 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with a job request for DPCI zero. The packet is discarded. As a result, TFP or TFA MSUs may be lost. The packet is printed in the error report.

101. CCTFIVDBIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with job requests for invalid DPCIs. The packet is discarded. As a result, TFP or TFA MSUs may be lost. The packet is printed along with the maximum DPC index global parameter (CCdpclsidx) in the error report.

102. CCTFIVDGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with job requests for an invalid group of DPCIs. The packet is discarded. As a result, TFP or TFA MSUs may be lost. The packet is printed along with the maximum DPC index global parameter (CCdpclsidx) in the error report.

103. CCTFIVDSEG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA packet was received with an invalid DPCI segment. The packet is discarded. As a result, TFP or TFA MSUs may be lost. The packet is printed along with the maximum DPC index global parameter (CCdpclsidx) in the error report.

104. CCTFNUL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid TFP/TFA job was found in the TFP/TFA job table. This error may be caused by data corruption in the TFP/TFA job tables. The job table entry for the given APC/DPC pair is cleaned up. The APC, DPC, and the TFP/TFA job control data block are reported with this assert code.

105. CCTFPROCSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TFP/TFA process state was invalid upon entry to CcTf_main(). The state will be forced back to idle. This error indicates that the CCtfstate global data item contains a value that is not within range (i.e., less than SZTFSTATE). The data dumped when this assert fires is the current state of the TFP/TFA generation process (local copy of CCtfstate).

106. CCTFSPCE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA job table processing function was called to generate a TFP or TFA MSU for a given APCI/DPCI pair which was the same point code for both the APC and the referred DPC. The intended MSU is not sent and the job table entry is cleared in the job table for the given APCI/DPCI. The three input parameters, APCI, DPCI, and DPCI segment index, are printed.

107. CCTFSTFUNC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TFP/TFA process state function returned an invalid return code to the CCTf_main() function. CCTf_main() calls the state functions indirectly through the CCTfstfunc[] table indexed by state. The table is stored in write protected memory, so the problem is either the state function returning an invalid return code, or CCTf_main() not recognizing a valid return code. The data dumped when this assert fires is:

- (1) the return code from the TFP/TFA state function (ret_code).
- (2) the current state of the TFP/TFA generation process (local copy of CCTfstate).

108. CCTFT8AE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The job summary word for a given TFP/TFA job table indicated that there were T8 timer jobs when no T8 timers were active. This error indicates that either the TFP/TFA job table or the T8 timing table had gotten corrupted. The DPCI segment and group indexes, which identifies the given job table along with the job table summary word are printed. The job table is reinitialized in order that subsequent TFP job requests do not get ignored because of invalid T8 timer job indicators.

109. CCTFT8AI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The T8 timer audit was triggered to report and correct (reinitialize) a TFP/TFA job table with T8 timer jobs that were not timing out and, after checking the T8 timer tables, the audit should not have been triggered since some T8 timers are still running. This error is an indication that either the T8 timers are never timing out (which should never be the case) or that the TFP/TFA job control data block is getting corrupted. The TFP/TFA job control data block is printed in the error report and the audit trigger count is reset to zero

110. CCUNWAIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return has been received by the protocol handler data administration (PHDA) system process from OSWAIT().

111. CCUNWGTMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return has been received by the protocol handler data administration (PHDA) system process from OSWGETMSG().

112. CCWAKEUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A wakeup has been received by the protocol handler data administration (PHDA) system process from OSWAIT() when the dynamic data initialization and update method is not using packets. A SI macro will be called to assert the error lead since the PHDA system process should only be receiving wakeups when the method is using packets.

Range: cd**1. CD1MSG (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was found in an automatic call distributor (ACD) business and residence custom services (BRCS) message.

Probable Cause:

Software.

Action:

Report only assert. No audit. Return to point of assert. The data dump provides the message header and message text.

2. CD2MSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ACD BRCS tuple was accessed using data from an ACD BRCS message, but the primary key of the returned tuple did not match the key used to access the tuple.

Probable Cause:

Bad data in message or corrupted dynamic data.

Action:

Normal escalating assert. No audit. Return to point of assert. The data dump provides the message header and message text.

3. CDAGENTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the AGENTID relation, a failure code of DBNO_MATCH was returned. The AGENTID tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAGENTID. Key field: agent_id.

Action:

This is a database inconsistency that can only be corrected by manual action.

4. CDAUAGTPOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: AGENTPOS	Audit Mode: elev

Problem:

Failed to access, insert, or delete a tuple in the RLAGENTPOS relation. An audit of the RLAGENTPOS relation is scheduled.

5. CDAUCLLQDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLLQDB	Audit Mode: elev

Problem:

Failed to insert an rCLLQDB tuple. The rCLLQDB tuple is dumped. An audit of the RLCLLQDB relation is scheduled.

6. CDAUGHCLLQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLLQDB	Audit Mode: elev

Problem:

Failed to get the head rCLLQDB tuple. An audit of the RLCLLQDB relation is scheduled.

7. CDAUGHSRVQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVQDB	Audit Mode: elev

Problem:

Failed to get the head rLSRVQDB tuple. An audit of the RLSRVQDB relation is scheduled.

8. CDAUHC_CLLQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLLQ	Audit Mode: elev

Problem:

An invalid value was encountered in a tuple of the call queue head cell relation HC_CLLQ.

Probable Cause:

Corrupted dynamic data.

Action:

Normal escalating assert. Elevated mode audit (AUHC_CLLQ). Return to point of assert. The data dump has the contents of the HC_CLLQ tuple.

9. CDAUSRVQDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVQDB	Audit Mode: elev

Problem:

The DA macro used to obtain a rLSRVQDB tuple was not successful. A RLSRVQDB audit was scheduled.

10. CDBADARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that a function was called with an invalid argument.

Probable Cause:

Software.

Action:

Report only assert. No audit. Return to point of assert. The stack backtrace provides the function calling sequence.

11. CDBADYRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access primitive returned a failure code.

Probable Cause:

Corrupted dynamic data.

Action:

Normal escalating assert. No audit. Return to point of assert. The data dump has the contents of the tuple(s) being manipulated.

12. CDCQMASK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCQMASK relation, a failure code of DBNO_MATCH was returned. The rlcqmask tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCQMASK. Key fields: serv_tm, st_role.

Action:

This is a database inconsistency that can only be corrected by manual action.

13. CDCQPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the CQPARM relation, a failure code of DBNO_MATCH was returned. The CQPARM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCQPARM. Key field: call_que.

Action:

This is a database inconsistency that can only be corrected by manual action.

14. CDDHC_CLLQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a tuple in the RLHC_CLLQ relation. The rLHC_CLLQ tuple is dumped.

15. CDDSRVQ_HC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a tuple in the RLHC_SRVQ relation. The rLHC_SRVQ tuple is dumped.

16. CDGLCLLQDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update and distribute the global parameter Glclqdb across all logical processors.

17. CDIACD_POS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLACD_POS. The rIACD_POS tuple is dumped.

18. CDIAGTID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLAGENTID. The rIAGENTID tuple is dumped.

19. CDIAGTPOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLAGENTPOS relation. The rIAGENTPOS tuple is dumped.

20. CDICLLQDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLCLLQDB relation. The rICLLQDB tuple is dumped.

21. CDICQCLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQPARM	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rIHC_CLLQ tuple. An audit of the RLCQPARM relation is scheduled.

22. CDICQDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given when initializing the RLHC_CLLQ relation. The invalid mode is dumped.

23. CDICQGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter Glclqdb when the DBrfgparm() primitive was called.

24. CDICQLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link an rICLLQDB tuple to the idle list in the RLHC_CLLQ relation. The rICLLQDB tuple is dumped.

25. CDICQPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLCQPARM. The rICQPARM tuple is dumped.

26. CDIHC_CLLQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLHC_CLLQ relation. The rHC_CLLQ tuple is dumped.

27. CDIHC_SRVQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STPARM	Audit Mode: elev

Problem:

A dynamic access (DA) macro failed to obtain an rHC_SRVQ tuple. An audit of the RLSTPARM relation is scheduled.

28. CDILGDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given when initializing the RLAGENTPOS relation. The mode is dumped.

29. CDINSODYN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that the DBfintup() function failed to insert a tuple in a dynamic relation.

Probable Cause:

Unknown.

Action:

Report only assert. No audit. Return to point of assert.

30. CDISRDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given when initializing the RLSRVQDB relation. The invalid mode is dumped.

31. CDISRVQDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLSRVQDB relation. The rLSRVQDB tuple is dumped.

32. CDISRVQ_HC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLHC_SRVQ relation. The rLHC_SRVQ tuple is dumped.

33. CDISTPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple in the static relation RLSTPARM. The rLSTPARM tuple is dumped.

34. CDISVDEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given when initializing the RLHC_SRVQ relation. The invalid mode is dumped.

35. CDQVSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

Failed to link an RLQV_STATE tuple to the busy/idle list, unlink an RLQV_STATE tuple from the busy/idle list or traverse the busy/idle list.

Probable Cause:

Data corruption.

Action:

The RLQV_STATE key (qvstnmb) will be printed on the ROP and the AUQV_STATE audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

36. CDRGLPRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that an error was returned from an attempted read of a global parameter from within a transaction. No audit is available to correct the error.

Probable Cause:

Software.

Action:

Report only assert. No audit. Return to point of assert. The data dump provides the global parameter ID and the return code from the function called to read the global parameter.

37. CDRMHCLLQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to remove the head rCLLQDB tuple. The rCLLQDB tuple is dumped.

38. CDRMHSRVQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to remove the head rISRVQDB tuple. The rISRVQDB tuple is dumped.

39. CDSTPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSTPARM relation, a failure code of DBNO_MATCH was returned. The rLSTPARM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

Key field: serv_tm.

Action:

This is a database inconsistency that can be corrected using RC/V 6.1 (ACD SERVING TEAM PARAMETERS).

40. CDTLGDEF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default case of a switch statement for the pos_state attribute in the RLSRVQDB relation was encountered. The rISRVQDB tuple is dumped.

41. CDTLGERRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid case on a switch statement was encountered. An agent must be logged off for an allowable update. If the pos_state attribute of the rISRVQDB tuple is AGUNOCCUPIED, an error has occurred. The rISRVQDB and rAGENTPOS tuples are dumped.

42. CDUGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that an error occurred while updating a global parameter.

Probable Cause:

Software.

Action:

Report only assert. No audit. Return to point of assert. The data dump provides the global parameter ID and the return code from the function called to update the global parameter.

43. CD_WHAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The software has encountered an event that cannot be handled. The event will be ignored.

Probable Cause:
Gremlins.

Action:
Report only assert. No audit. Return to point of assert. Data is dumped, in case a developer needs some.

Range: cm**1. CMAPBADOP (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapdtrig() trigger function was called for an invalid reason.

2. CMAPBFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapsend() function was called to send a message for an invalid feature.

3. CMAPBINDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapsend() function failed to send a message because of an invalid application processor (AP) index.

4. CMAPDBRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) database read failure occurred within the CMapsend() primitive.

5. CMAPDDRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery read failure occurred within the CMapsend() primitive.

6. CMAPE911AP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-E911 feature attempted to use an enhanced 911 (E911) application processor (AP) ID or the E911 feature used a non-E911 AP ID.

Data Structures:

RLCMAPDATA.

Action:

If a non-E911 feature is using an E911 AP ID, determine the correct AP ID for the non-E911 feature and make the appropriate changes in the RLCMAPDATA relation or the Gle911apid global parameter.

If an E911 feature is using a non-E911 AP ID, determine the correct AP ID for the E911 feature and make appropriate changes in the RLCMAPDATA relation or the Gle911apid global parameter.

Contact the AP administrator or your next level of technical support if you cannot determine the correct AP ID for the feature.

7. CMAPISITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapsend() function failed to send a message because of an invalid site identifier.

8. CMAPNEWTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapdtrig() trigger function was called to delete an rICMAPDATA tuple, but the new tuple pointer is not NULL.

9. CMAPNOOPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) version of the CMapsend() function was called to send a message to an application processor (AP); however, the Glap_option global office parameter indicates that the AP-communication option is not supported.

10. CMAPODDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists between the value for the Glap_option global parameter and an rICMSPDATA tuple. Either Glap_option indicates that only the input/output processor (IOP) links are supported to the administrative processors (APs) and the rICMAPDATA tuple indicates that messages should be routed to a digital subscriber line (DSL) supported AP, or Glap_option indicates that only DSL links are supported to APs and the rICMAPDATA tuple indicates that messages should be routed to an IOP supported AP.

Data Structures:

RLCMAPDATA.

Action:

Determine the correct values for the Glap_option parameter and the module field in the rICMAPDATA tuple and make appropriate changes.

11. CMAPOLDTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapdtrig() trigger function was called on an insert of an rICMAPDATA tuple, but the old tuple pointer is not NULL.

12. CMAPRLIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager called the CMapdtrig() routine and passed an invalid relation ID.

13. CMAPSECSITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An application processor (AP) feature used an AP ID that was defined as a secondary AP ID using the AP link diversification feature.

Data Structures:

RLCMAPDATA. Key fields: AP site ID.

Action:

1. Determine the feature that is using the secondary AP ID.
2. Using the appropriate feature RC/V view, change the feature AP ID to an AP ID that is not defined as a secondary AP ID; or, using RC/V View 24.7 (DSL AP COMMUNICATIONS DATA), update the appropriate AP ID so that the AP ID used by the feature is not used as the secondary AP ID.
3. Data on the AP for the links assigned to each AP ID may need to be updated.

14. CMAPSENDP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMapsend() primitive failed to send a message to an application processor (AP) because of an OSSENDMSG() macro failure.

15. CMAUARQF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asynchronous report queue was full. The error report could not be sent from the foundation peripheral controller (FPC) to the AM.

16. CMAUASYR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt parameters to the asynchronous report routine in the CM were encountered.

17. CMAUBADIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM message packetization audit detected a problem with the idle list. The top pointer to the idle list is not within the valid range. A packet data initialization is performed to correct the problem. Messages could be lost. The CMpktidle[] data structure is dumped.

18. CMAUBADIPADDR (5E12 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency of IP address occurred between our stored data in the MH and the dynamic data from the socket.

Probable Cause:
Software error.

Action:
Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on reporting occurrence.

19. CMAUBDINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
CM software detected an invalid buffer descriptor (BD) index value.

Probable Cause:
Software problem.

Action:
Report occurrence to the next level of technical support.

20. CMAUDBLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A packet buffer residing under the CM subsystem in the direct link node (DLN) processor was recovered by the CMPKT audit. The linkage checks for this buffer failed two times consecutively. The au_recover and au_detect bits were set 1 resulting in recovering this buffer to the packet buffer free list.

The first dump is the usetype, the second dump is the packet buffer recovered, and the third dump is the value of the local variable cursor indicating on which packet the audit is working.

21. CMAUDPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A message was sent to an invalid processor.

22. CMAUENPTYPE (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
CM software received an unsupported ethernet protocol packet type in the AWS/VCDX configuration. The frame containing the invalid protocol type is dumped for debugging purposes.

Probable Cause:
Ethernet hardware may be faulty.

Action:
If problem persists, diagnose the ethernet using the MCTSI diagnostics.

23. CMAUERRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or corrupted error type variable was encountered.

24. CMAUESATPINIT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external system/acknowledged transport protocol (ES/ATP) is being initialized due to an error being detected. Data/messages that ES/ATP is in the process of transporting may be lost as part of the protocol initialization. Note that this assert may occur from other SMs if the Global Billing SM goes through a power-up initialization.

Probable Cause:

Software error or power-up initialization of GBSM.

Action:

If the GBSM went through a power-up initialization or other initialization where memory was cleared, this assert should be ignored. Otherwise report occurrence to next level of technical support.

25. CMAUESATPINIT (5E12 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external system/acknowledged transport protocol (ES/ATP) is being initialized due to an error being detected. Data/messages that ES/ATP is in the process of transporting may be lost as part of the protocol initialization.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report occurrence.

26. CMAUEXTSYSTYPE (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ES/ATP external system type is invalid.

Probable Cause:

Software error.

Action:

If the problem persists report the occurrence and the associated assert dumps to the next level of technical support.

27. CMAUFDINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Frame descriptor (FD) value is out of range. The CLNK/QLNK/DQLNK that was being processed when the error occurred will be re-initialized.

28. CMAUFDLINK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The Frame descriptor (FD) linkage that was being checked is invalid. The CLNK/QLNK/DQLNK that was being processed at the time of the error was re-initialized.

29. CMAUFDLOW (5E11 and later)

Recovery Action: spp	SPP: n	Audit: FD	Audit Mode: nonseg

Problem:

Message routing software in the SM-2000 message handler (MH) or quad-link gateway processor (QGP) has exceeded its frame descriptor (FD) exhaustion threshold. This assert will schedule the FD audit in a attempt to recovery any "lost" FDs because the number of FDs should be over engineered.

Probable Cause:

Software error.

Action:

FD audit was schedule. If problem persists, contact next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

30. CMAUFREE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Data related to free buffer handling was corrupted, or a call to free a buffer was invalid.

31. CMAUGDITIMEOUT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After the connection comes up to the RTCD billing server software waits for a message from the billing server indicating the last GDI sequence number the server received. In this case the message never arrived.

Probable Cause:

Software error or MELNK problem.

Action:

After the assert software begins sending to the billing server anyway. This could result in a MELNK error indicating a protocol timeout, if the first GDI sequence number sent to the billing server does not match the next one it expects.

If the assert persists report the occurrence to the next level of technical support.

32. CMAUILL2X4 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CM software has detected an inconsistency in the data used to derive the pseudo-2x4 switch in the SM-2000. When attempting to convert a synchronous/asynchronous protocol data formatter (SPYDER) -T channel number to a communication link (CLNK) synchronous data link controller (SDLC) number (0 or 1) based on the data stored in SMmhc12x4[] in the SM-2000 message handler (MH) processor, software was unable to perform the translation.

Either the SMmh2x4[] data was corrupted or the SPYDER-T device in the message handler (MH) was programmed incorrectly. A CLNK initialization will occur to correct the problem.

33. CMAUINFR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid "i" frame was found in the message that was received.

34. CMAUINPCBINV (5E13 and later)

Recovery Action: spp	SPP: n	Audit: INPCB	Audit Mode: nonseq

Problem:

Internet Protocol software has detected an invalid resource index. The INPCB audit is requested to recover lost resources.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support.

35. CMAUINVATPMMSG (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by the ES/ATP protocol code that contained invalid data.

Probable Cause:

Software error.

Action:

If the problem persists report the occurrence and the associated assert dumps to the next level of technical support.

36. CMAUINVATPST (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ES/ATP protocol state was invalid in the context it was being checked in.

Probable Cause:

Software error or lost message.

Action:

If the problem persists report the occurrence and the associated assert dumps to the next level of technical support.

37. CMAUINVBIND (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Socket is bound more than once as indicated by the internet protocol control block data.

Probable Cause:
Software error.

Action:
Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report occurrence.

38. CMAUINVEFD (5E13 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
Ethernet frame descriptor (EFD) value is out of range. The MELNK that was being processed when the error occurred will be re-initialized.

Probable Cause:
Software error.

Action:
This assert causes an operational software restart of the MH, which should clean up the data. If the problem persists contact the next level of technical support.

39. CMAUINVEFDMELNK (5E13 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
The MCTSI-based ethernet link (MELNK) value stored in an ethernet frame descriptor (EFD) did not agree with the MELNK number that the EFD was queued for.

Probable Cause:
Software error.

Action:
An operational software reset (OSR) is scheduled to clean up the data. If the problem persists report the occurrence and assert dumps to the next level of technical support.

40. CMAUINVEDATA (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A data inconsistency has been detected in the external system/acknowledged transport protocol (ES/ATP) control data and the ODD. It is not possible to determine which data is correct because the data in the asserting SM is based upon ODD and data received from another SM from its ODD.

Probable Cause:
Software or data (ODD) problem.

Action:
Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report occurrence.

41. CMAUINVHWADDR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency of hardware address occurred between our stored data base and the address resolution protocol (ARP) packet data.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report occurrence.

42. CMAUINVINIT (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM-2000 message handler (MH) was requested to initialize but the initialization type was invalid. This assert will cause the initialization to fail, which will cause a new MH initialization to occur.

Probable Cause:

Software bug.

Action:

None, the switch automatically recovered itself.

43. CMAUINV3QAUST (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While running the layer 3 queue audit an invalid audit state was encountered.

Probable Cause:

Software error.

Action:

Software will attempt to clean up and will try again. If the problem persists report the occurrence to the next level of technical support.

44. CMAUINVMELNK (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid MEPIPE or MELNK number was passed to a CM primitive.

Probable Cause:

Software error.

Action:

If the problem persists report the problem along with the assert output to the next level of technical support.

45. CMAUINVMESERV (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet service field is unrecognized.

Probable Cause:

The relation RLENETLINK is provisioned incorrectly.

Action:

Correct the data in the relation, or refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

46. CMAUINVPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CM function was passed an invalid or unexpected parameter value. This is a general purpose assert.

47. CMAUINVSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM subsystem uses CMPKTBUF structures to deliver large messages between processors. The CMPKT audit found a packet buffer with an invalid usetype residing under the CM subsystem in the direct link node (DLN) processor. The first dump is the value of usetype, the second dump is the packet buffer, and the third dump is the value of the local variable cursor indicating the packet that the audit is working on.

48. CMAUINVTCPST (5E12 and later)

Recovery Action: spp	SPP: n	Audit: TCPCB	Audit Mode: nonseg

Problem:

An invalid transmission control protocol (TCP) state was found. The TCP control block is dumped for debugging purposes. The TCPCB audit is requested to recover.

Probable Cause:

Software error. **Action:**

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report occurrence.

49. CMAUINVUNIT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM-2000 message handler (MH) based peripheral pump detected an invalid unit type.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

50. CMAUINVUTPACK (5E13 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The external system unacknowledged transport protocol (ES/UTP) software received an invalid acknowledgement.

Probable Cause:

Software error.

Action:

The stack trace should show who sent the invalid acknowledgement. Report the assert with the ROP output to the next level of technical support.

51. CMAUL1BUSY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CM level 1 software was requested to queue a frame descriptor (FD); however, the FD was already owned by level 1. The frame was not queued and level 2 software should recover. Data dumped includes the synchronous/asynchronous protocol data formatter (SPYDER) -T channel data block, FD and the frame buffer.

Probable Cause:

Software error.

Action:

Provide data to the next level of technical support.

52. CMAUL1DERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A communications level 1 protocol device reported an error to software or the software driver for the level 1 protocol device has detected an error in the hardware.

Probable Cause:

Hardware fault.

Action:

Report occurrence to the next level of technical support.

53. CMAUL1DTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Software has timed out programming a communications level 1 protocol device.

Probable Cause:

Hardware problem.

Action:

Report occurrence to next level of technical support.

54. CMAUL3QACKERR (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After validating the GDI acknowledgement from the far end, the EFD index passed in does not match the EFD at the head of the layer 3 queue.

Probable Cause:

Corrupted data or software error.

Action:

If the problem persists report the occurrence and associated data dumps to the next level of technical support.

55. CMAUL3QRCVRFail (5E13 and later)

Recovery Action: spp	SPP: n	Audit: EXENET	Audit Mode: nonseg

Problem:

The layer 3 queue audit has attempted all available recovery, and the problem has still not cleared. This assert will fire every 30 seconds until the MH escalates to a higher level of recovery which should clear the problem.

Probable Cause:

Corrupted data or software error.

Action:

If after several asserts fire and the MH escalates to a higher level of recovery the problem does not clear, report the occurrence and associated data dumps to the next level of technical support.

56. CMAULGINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A client attempted to use the unaltered large operating system for distributed switching (OSDS) message (ULM) sending primitive in a CM1 equipped switch.

Probable Cause:

Software bug in client (see stack trace for caller). The message being sent is dumped for debugging purposes.

Action:

Report to the next level of technical support.

57. CMAULGMLNG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A client attempted to use the unaltered large operating system for distributed switching (OSDS) message (ULM) sending primitive to send a message larger than the maximum unaltered large message size supported by a non-CM1 equipped switch.

Probable Cause:

Software bug in client software (see stack trace for caller). The message being sent is dumped for debugging purposes.

Action:

Report to the next level of technical support.

58. CMAULINK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to a CM function, or a corrupted link member was detected.

59. CMAULOSTPKT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A lost packet residing under the CM subsystem in the direct link node (DLN) processor was found by the CMPKT audit. The packet's au_visitcnt field in the usage data had a value greater than the allowable value of 2. This means that the audit ran two times and this packet did not move from its current place during these passes.

This packet is recovered to the free list in the current third pass. The first dump is the value of the usage type of the packet, the second dump is the packet buffer that was lost, and the third dump is the value of the local variable cursor indicating the packet that the audit is working on.

60. CMAUMENOCNFIG (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message handler ethernet link (MELNK) was requested to be restored, but the data for that MELNK has not been copied to the MH yet.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the error.

61. CMAUMHCOMFAIL (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During ES/ATP protocol processing sending a message to the message handler failed.

Probable Cause:

Software or hardware error.

Action:

The protocol should resend the message. If the problem persists diagnose the MCTSI side for the SM the assert was reported on. If no errors are found report the occurrence to next level of technical support.

62. CMAUMHERR (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The synchronous/asynchronous protocol data formatter (SPYDER) -T device in the SM-2000 message handler (MH) processor reported that a channel has exhausted its allocated received descriptors (RDs)/buffers (also known as frame descriptors [FDs]). This event should not be possible based on the method used to engineer the number of RDs allocated for each channel. Since the error has occurred, the most likely cause is corruption of the SPYDER-T receive list. Recovery for this error is to initialize the message handler (MH). The SPYDER-T control block and the CM channel control block are dumped for debugging.

63. CMAUMHIDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the module controller/time slot interchanger (MCTSI) switch of the SM-2000, the message handler (MH) detected its hardware identification value was that of an unsupported MH. The link terminating device in the message handler (MH) was not reprogrammed due to this inconsistency. The SM-2000 may lose communication until software recovers the links.

64. CMAUMHINV (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message handler (MH) has been specified in a CM subsystem primitive.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

65. CMAUMHPPIP (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM-2000 message handler (MH) based peripheral pump has detected an inconsistency. The SMP attempted to perform a peripheral pump on a unit that is still in progress.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

66. CMAUMHSWERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM-2000 message handler (MH) detected a synchronous/asynchronous protocol data formatter (SPYDER) -T error while performing the module controller/time slot interchanger (MCTSI) switch request. Messages being transported on the links where the error occurred and all links after the one that detected the error will be lost. This assert implies that the MH circuit pack in the SM-2000 may be faulty.

67. CMAUMLNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process attempted to send a message that is longer than the maximum allowable message length: CMMAXMLEN for most messages and OSMAXMSGTXT for large messages.

68. CMAUMSGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was sent or received.

69. CMAUNOBUFS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Communications software attempted to allocate a message buffer but none were available.

Probable Cause:

Either the idle list has been corrupted or the number of buffers needed was under engineered.

Action:

Report occurrence to the next level of technical support.

70. CMAUNOFDS (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Messaging software attempted to allocate a frame descriptor (FD) from the reserved pool but none were available. Either the idle list has been corrupted or the number needed was under engineered. The FD idle list is dumped for debugging purposes.

71. CMAUNOGDIMATCH (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A GDI acknowledgement was received from the billing server, but the message it is acknowledging could not be found on the layer 3 queue.

Probable Cause:

Other recovery action occurred, or software error.

Action:

If the problem persists report the occurrence and the associated assert dumps to the next level of technical support.

72. CMAUNOINPCB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to allocate an internet protocol control block.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence.

73. CMAUNOTPCB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to allocate a transmission control protocol (TCP) control block.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence.

74. CMAUNOTDS (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The synchronous/asynchronous protocol data formatter (SPYDER) -T device driver software attempted to allocate a transmit descriptor (TD) from the idle list but none were available. Either the TD idle list has been corrupted or the number of TDs was under engineered. The TD idle list is dumped for debugging.

75. CMAUNXST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM transmitter state variable contains an illegal value.

76. CMAUOQFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

If this assert is reported from the SM, the CM output message buffer queue has overflowed. The operating system for distributed switching (OSDS) "topid", OSMSGHEAD of the messages in the output message queue, and the messages in the transmit window queue are dumped. There are 3 data dumps. As a final recovery action, the output message buffer queue is flushed to allow these assert event messages to be printed.

If this assert is reported from the communication module processor (CMP), the CM output message queue to the message switch control unit (MSCU) is full. If this occurs after an MSCU/message switch (MSGs) fault or an AM init that forced the MSCU, the assert should be ignored. Under these conditions the subtending CMP cannot be reset, which causes all messages leaving the CMP to be queued until the overflow occurs and the assert fires. The queue pointers, measurements counts, and contents of the queue are dumped.

77. CMAUORCV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message for the operating system for distributed switching-SM (OSDS-M) could not be received; that is, the CMsendosd() function failed. The background queue may be full.

78. CMAUOSMG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was returned by the OSWGETMSG() macro in a situation where an error should not be generated.

79. CMAUPHSE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM variable indicating the X.25 phase was corrupted.

80. CMAUPINVUNIT (5E12 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Message handler (MH) write-protected data for determining channel to peripheral unit mapping has been corrupted.

Probable Cause:

Software error.

Action:

The MH will be initialized to reconstruct the mapping table. Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

81. CMAUPKTBLAST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMPKT audit could not localize the recovery for the packet buffer that was in error. This required an initialization of all packet buffers in the processor. Messages could be lost.

82. CMAUPKTLNG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CM message packetization detected an inconsistency with a received packetized message. The message size in the assembled message does not match the size of the data shipped in the packets. All packets are dumped.

83. CMAUPTINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MH received a frame that contains an unsupported ethernet packet type.

Probable Cause:

Ethernet connection to SM may be faulty.

Action:

If problem persists, replace ethernet cables and/or ethernet paddle board and/or UN584 circuit pack.

84. CMAUPTST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of Grrerror.pstate is invalid or corrupted.

85. CMAUPT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupted pointer update type was encountered.

86. CMAUQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Shared processor first-in, first-out (FIFO) queue error has occurred. The FIFO queue pointers at the time of the error are dumped for debugging purposes.

87. CMAUQLINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CM was requested by quad-link fault recovery (QLFR) to initialize a quad-link packet switch (QLPS) network that does not exist. This assert will purge the caller.

88. CMAUQTSBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CM message handler (MH) software on the SM-2000 detected invalid data in the quad-link packet switch (QLPS) PIPE time slot buffer. More than the maximum number of time slots (32) have been found the QLPS time slot data area (SMqpipe_per[network][0] which is dumped in the assert).

Probable Cause:

Either the data in the MH is being corrupted or the SM-2000 has an office-dependent data (ODD) problem in RLMHPIPE.

Action:

Verify that RLMHPIPE tuple for both networks are correct. If both are correct, then provide data to the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. If not correct, then fix the ODD problem.

89. CMAURCST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value in Grcvcb.state was encountered.

90. CMAURCVERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMspchstrt() function has determined that the receive data structures required to properly initialize a

synchronous/asynchronous protocol data formatter (SPYDER) -T device channel have not been properly initialized or the data has been overwritten since the initialization. A new channel initialization will be performed as part of the recovery actions.

91. CMAURCVF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMrcv() function was called in the wrong processor.

92. CMAURETC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from a function call. Example: A call to the OSgetbuf() function from CM returns an unrecognizable return code.

93. CMAURETINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code has been detected from a task function.

Probable Cause:

Interface problem.

Action:

Correct the interface.

94. CMAURJOB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No receive job is in the job queue; there should be a job in the queue.

95. CMAURMMG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred on a call to the CMrem_msg() function in the foundation peripheral controller (FPC). The message could not be transmitted over the link.

96. CMAURMTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect state was received during a receive interrupt. CM received an unexpected result from the synchronous data link controller (SDLC). This could indicate a marginal SDLC device on the TN872, TN1617, or UN518 circuit pack.

Action:

If this assert occurs frequently, replace the specified circuit pack.

97. CMAUSCERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The MH SONIC ethernet protocol device reported an unexpected interrupt to software.

Probable Cause:

The SONIC device was programmed incorrectly or the SONIC device is faulty.

Action:

Replace UN584 circuit pack if problem persists.

98. CMAUSCRCV (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The MH SONIC device reported a receive source exhaustion. This should not occur since the SONIC resources are over-engineered by a factor of 2.

Probable Cause:

Software problem.

Action:

Report occurrence to the next level of technical support.

99. CMAUSCRDTO (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Timed out reading events out of SONIC device.

Probable Cause:

Hardware or software failure.

Action:

If problem persists report the occurrence to the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

100. CMAUSCTO (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Timed out programming SONIC device.

Probable Cause:

Hardware failure.

Action:

If problem persists, replace UN584 circuit pack.

101. CMAUSMGD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM global data that is accessed by CM is corrupted or inconsistent.

102. CMAUSNDF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMsend() function was called in the wrong processor [not the operational kernel process (OKP) or switch maintenance kernel process (SMKP)].

103. CMAUSOBNDFAIL (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMsobind() failed for a socket.

Probable Cause:

Corrupted socket or protocol data.

Action:

The software should clean up the data. If the problem persists refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence.

104. CMAUSOCKETINV (5E13 and later)

Recovery Action: spp	SPP: n	Audit: SOCKET	Audit Mode: nonseg

Problem:

Socket software has detected an invalid resource index. The SOCKET audit is requested to recover lost resources.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support.

105. CMAUSOCKINV (5E12 and later)

Recovery Action: spp	SPP: n	Audit: TCPCB	Audit Mode: nonseg

Problem:

Internet protocol socket software has detected corrupt data in the socket control block. The socket control block is dumped for debugging purposes. The TCPCB audit is requested to recover.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence.

106. CMAUSOCLSFAIL (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMsoclose() failed to close the requested socket.

Probable Cause:

Software or data error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the error.

107. CMAUSOCONFAIL (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMsoconnect() failed to start up protocol on a socket.

Probable Cause:

Corrupted socket or protocol data.

Action:

The software should clean up the data. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence.

108. CMAUSOCRTFAIL (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CMscreate() failed to create a socket. This should not happen because this resource should be engineered for the maximum number needed.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on how to contact the next level of technical support.

109. CMAUSOSHUTFAIL (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CMsoshutdown() failed, but the only reason it can fail is that the socket index passed in was bad.

Probable Cause:

Internal data is corrupted, or there is a software error.

Action:

This assert causes a operational software restart of the MH, which should clean up the data. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on how to contact the next level of technical support.

110. CMAUSPDERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CM software detected an invalid data value when determining what action needed to be performed on data received from the synchronous/asynchronous protocol data formatter (SPYDER) -T device in the message handler (MH) on the SM-2000. Depending upon where the assert occurs, various pieces of debugging information are dumped to assist in determining the cause of the error.

Probable Cause:

Hardware/software interface problem.

Action:

Provide data to the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. If problem persists on one module controller/time slot interchanger (MCTSI) side, replace the message handler (MH) circuit pack (UN538) on the SM-2000.

111. CMAUSPERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The synchronous/asynchronous protocol data formatter (SPYDER) -T device reported data to CM that was invalid or unexpected. The channel being processed at the time of the error will be re-initialized.

112. CMAUSPTO (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The synchronous/asynchronous protocol data formatter (SPYDER) -T device channel configuration software timed out waiting for the SPYDER-T device to complete the specified request. Continued occurrences of this assert indicate a possible hardware problem. The most likely cause of this problem is a faulty SPYDER-T device located on the UN538 (message handler) circuit pack.

113. CMAUSRCF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operational kernel process (OKP) or the switch maintenance kernel process (SMKP) received a message from an invalid source (that is, the message contained a wrong message type).

114. CMAUSTAT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM variable indicating the X.25 state was corrupted.

115. CMAUSUPT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A supervisory command type parameter was corrupted.

116. CMAUSWMFERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CM communication module processor (CMP) soft forwarding detected a problem with the soft switch copied message queue. This causes the soft switch to fail by purging it in the critical phase of the CMP switch. The soft switch copied message queue pointers and the IP->AP queue pointers are dumped.

117. CMAUSWQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CM message interject processing detected a problem in the communication module processor (CMP) soft switch copied message buffer. The queue pointers were out-of-range, or the data the unload pointer was pointing to was not the CM flag byte. All messages in the queue are considered lost since CM can no longer process them. The queue pointers and the message the unload pointer is pointing to is dumped.

118. CMAUTCMELNKDATA (5E12 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Data for a message handler ethernet link (MELNK) that was once known to be valid is now invalid.

Probable Cause:

The data was corrupted or a software error occurred.

Action:

This assert will trigger a critical error interrupt which should result in the data being corrected. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence to next level of technical support.

119. CMAUTCPCBINV (5E13 and later)

Recovery Action: spp	SPP: n	Audit: TCPCB	Audit Mode: nonseg

Problem:

Transmission control protocol software has detected an invalid resource index. The TCPCB audit is requested to recover lost resources.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support.

120. CMAUTCPCINV (5E12 and later)

Recovery Action: spp	SPP: n	Audit: TCPCB	Audit Mode: nonseg

Problem:

Transmission control protocol (TCP) software has detected corrupt data in the TCP control block. The TCP control block is dumped for debugging purposes. The TCPCB audit is requested to recover.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence.

121. CMAUTCSOBINDFAIL (5E12 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

CMsobind() failed for a socket that the function worked for before an MCTSI switch.

Probable Cause:

Corrupted socket or protocol data.

Action:

This assert will trigger a critical error interrupt which should clean up the data. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence to next level of technical support.

122. CMAUTCSOCONFAIL (5E12 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

CMsoconnect() failed for a socket that had been successfully connected before an MCTSI switch.

Probable Cause:

Corrupted socket or protocol data.

Action:

This assert will trigger a critical error interrupt which should clean up the data. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence to next level of technical support.

123. CMAUTDAF (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The MH frame is attempting to queue a frame for transmission over the ethernet, but there are no available transmit descriptor areas (TDAs).

Probable Cause:

Software problem.

Action:

Report occurrence to the next level of technical support.

124. CMAUTDEOL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The synchronous/asynchronous protocol data formatter (SPYDER) -T device driver software has detected an error in the channel data block (CDB). The transmit descriptor (TD) that was allocated for the end-of-list (EOL) was not

correctly marked as the EOL TD. The channel being processed at the time the error was detected is reinitialized. The CDB and the TD are dumped for debugging.

125. CMAUTDERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to release a transmit descriptor (TD) resource, an error has been detected in the TD and/or frame descriptor (FD) data structures. Debugging data dumped depends upon where the error occurred. The first data dump is always the TD control data stored in CMsptduse[] for the TD being released. The synchronous/asynchronous protocol data formatter (SPYDER) -T channel that was being processed at the time of the error will be reinitialized.

126. CMAUTDFREE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to release a transmit descriptor (TD), an error has been detected in the TD idle list. The recovery for this error is to reconstruct the TD idle list.

127. CMAUTDINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

transmit descriptor (TD) value is out of range. The CLNK/QLNK/DQLNK that was being processed when the error occurred will be re-initialized.

128. CMAUTDLINK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The transmit descriptor (TD) linkage that was being checked is invalid. The CLNK/QLNK/DQLNK that was being processed at the time of the error was re-initialized.

129. CMAUTIMT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer type parameter was corrupted.

130. CMAUUNEXPDI (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A GDI acknowledgment was received for a frame, but there were no frames on the layer 3 queue being transmitted at the time.

Probable Cause:

Software error.

Action:

If the problem persists report the occurrence to next level of technical support.

131. CMAUWINFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The messaging protocol out-of-window overflow queue has been exceeded. The message being queued is discarded and local recovery is attempted to restart message transmission.

Probable Cause:

Resource overload.

Action:

If problem persists, contact next level of technical support.

132. CMAUXCBINV (5E12 only)

Recovery Action: spp	SPP: n	Audit: TCPCB	Audit Mode: nonseg

Problem:

Internet protocol software has detected an invalid resource index. The TCPCB audit is requested to recover lost resources.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence to next level of technical support.

133. CMAUXMTERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMspchstrt() function has determined that the transmit data structures required to properly initialize a synchronous/asynchronous protocol data formatter (SPYDER) -T device channel have not been properly initialized or the data has been overwritten since the initialization. A new channel initialization will be performed as part of the recovery actions.

134. CMAUXMTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected transmit interrupt was received from a synchronous data link controller (SDLC). The state variable may be corrupted. This problem is recoverable.

135. CMAUXTST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of Gxmtcb.state is invalid.

136. CMBADPINDEX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMPKT	Audit Mode: elev

Problem:

The index field in the call to the CMrlspkt() function does not match what was in the buffer to be released. Audits are scheduled to clean up the data.

137. CMBADPKTPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMPKT	Audit Mode: elev

Problem:

The pointer given in the call to the CMrlspkt() function does not point into the packet buffer area. Audits are scheduled to clean up the data.

138. CMBADPLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMPKT	Audit Mode: elev

Problem:

The link field in the two packet buffers that were linked together do not match. The link field was incorrectly set or the buffers were incorrectly linked. Audits are scheduled to clean up the data.

139. CMBADP_PREV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMPKT	Audit Mode: elev

Problem:

The pointer to the previous item in the linked list of a packet buffer does not point to the correct packet. Either a pointer was corrupted or the buffers were incorrectly linked. Audits are scheduled to clean up the data.

140. CMBADPRIOR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMsendbfm() function was called to send a message that contained an invalid value in the priority field of the message header. The priority field value will be changed to 0. The message structure is dumped for debugging purposes to determine the invalid value.

141. CMBADPSIZE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The size parameter passed to the CMbfmrem_msg() function was invalid; consequently, the number of packets calculated came out as an invalid value. A failure is returned to the caller.

142. CMBADPTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMPKT	Audit Mode: elev

Problem:

The type of buffer given in the call to the CMrlspkt() function is an invalid type or does not match what was in the buffer to be released. Audits are scheduled to clean up the data.

143. CMBADSEQORDER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A local variable that holds the order in which packets were received was found to be corrupted in the CMpktrcvmsg() function. Since the variable was set earlier in the function, this indicates a serious problem.

144. CMBADTOPPTR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The pointer into the free packet buffer list was corrupted. The running CM environment is purged so that all packet information can be initialized for this processor. This action causes the loss of any partially received messages from all processors, or any messages that have not yet been delivered to this processor in the case of the SM.

145. CMBADUSETYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid usetype field was found during message processing in a message buffer. A message may have been discarded since CM cannot determine how to process the message. The message buffer is dumped.

146. CMBPOFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM base priority output queue is full.

147. CMBUFERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Data related to free buffer handling was corrupted, or the call to free a buffer was invalid. The buffer that was trying to be released is dumped.

148. CMCCBDDATA (5E12 and later)

Recovery Action: spp	SPP: n	Audit: CCENDPT	Audit Mode: nonseg

Problem:

The state of a common channel signaling (CCS) end point indicates that it is currently accessible, however the state of the end point is actually inaccessible on both quad-link packet switch (QLPS) networks according to the level 2 data. Thus, a CCS message signaling unit (MSU) will be discarded.

Probable Cause:

The CCS data table CMccqsls2endpt[] on the message handler (MH) is out of sync with the state of the Level 2 data arrays QLlmdb[] and QLlcb[]. The CCS data table should always be updated immediately following a state change in end point accessibility.

Action:

The discarded MSU will be dumped to the receive-only printer (ROP) for further evaluation. Contact local field support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

149. CMCCQPHL3IFDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QPHLNK layer 3 frame descriptor (FD) check error.

Probable Cause:

On doing expected FD values check, invalid value found.

Action:

Report on ROP and return from calling function.

150. CMCCQPHL3INV (5E14 and later)

Recovery Action: spp	SPP: n	Audit: QPHLNK	Audit Mode: nonseg

Problem:

A QPHLNK layer 3 range check error.

Probable Cause:

QPHLNK layer 3 state or network states combination is invalid.

Action:

Assert has scheduled the QPHLNK audit to run.

151. CMCMKPTABLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No entry was found in the communications kernel process (CMKP) table. The *UNIX*® process that a message was sent to had terminated, or a communication port to the *UNIX*® process was not properly opened.

152. CMCMTHOPCNT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CCS message that is being transported between the NGSM and host GSM has made too many hops through the CMT network.

Probable Cause:

The CMT routing data is incorrect.

Action:

Contact local field support if the problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

153. CMCORLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

resource software detected that a list of the Logical Link Control Blocks (QLLCBs) was corrupted.

Probable Cause:

Software error.

Action:

The QLLCB audit was scheduled. If the problem persists, contact the next level of technical support.

154. CMDFREEMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not free a DMERT message buffer.

155. CMDLNCOMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A user of the OSSENBFBM() macro in the direct link node (DLN) requested that a message be compressed. This is not a valid option in the DLN. The message is sent, and the compression parameter is ignored.

156. CMEDLCP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The load index of the external data link communication package (EDLCP) shared segment is out of range.

157. CMEDLCP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recording error was encountered in the external data link communication package (EDLCP) shared segment.

158. CMERRRCVBUF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Data related to free buffer handling was corrupted, or the call to free a buffer that is believed to be a receive message buffer was invalid. The data structures CMhilink[0], CMhilink[1], and the message buffer are dumped.

159. CMHIQEMPTY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data related to buffer handling from combined receive interrupt to the synchronous data link controller (SDLC) A or SDLC B receive interrupt was corrupted. Both combined receive queues are dumped. SDLC A's queue is printed first and SDLC B's is second.

160. CMINPTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid base priority input queue pointers were encountered.

161. CMINVLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) Level 2 or message transport (MT) resource software detected that a list of the logical link control blocks (QLLCBs) was corrupted.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

162. CMINVMSGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

If the assert is reported from the direct link node (DLN) processor, then CMsendbfm() has been called to send a large message that is not supported. A failure is returned to the caller. The message data is dumped for debugging purposes. If the assert is reported from the SM-2000 message handler (MH) processor, then CMmhmtscan() located a maintenance message being sent to an MH that is not supported. The message data is dumped for debugging purposes.

163. CMMSGGLONG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The business and residential custom services (BRCS) client is sending a message that is too long to send to the administrative processor (AP).

164. CMNOPKTBUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMPKT	Audit Mode: elev

Problem:

No packet buffers are available when a call to the CMallocpkt() function is made. The number of buffers needed may have been underestimated. The CMPKT audit is scheduled in elevated mode to find any buffers that should be marked as free and are not. If no audit error reports are printed, then the number of packet buffers allocated in the code is too small.

Note: Because of the way the CMPKT audit works, it could take up to three of these asserts to locate lost resources.

165. CMOPCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid base priority input queue opcode was encountered.

166. CMOSDELIVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSdeliver() function returned a failure.

167. CMOUTLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

The quad-link packet switch (QLPS) level 2 or message transport (MT) resource software detected that there were no QLLCBs left on the free list.

Probable Cause:

Since the office is engineered with sufficient QLLCBs, this problem indicates that the QLLCB free list has been corrupted or that some QLLCBs have been lost.

Action:

The QLLCB audit was scheduled. The audit will check the QLLCB free list and recover any lost QLLCBs. If the problem persists, contact the next level of technical support.

168. CMOUTPTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid base priority output queue pointers were encountered.

169. CMPCRID0 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The user requested CM to send a message to processor ID (PCRID) 0. This is not a valid PCRID. The message buffer passed to CM is dumped.

170. CMPGMUPF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred on the messink() function call from the program update message.

171. CMPKTINTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal defensive check failed while CM was processing a packetized message.

172. CMPORTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port ID was encountered in the kportid() function.

173. CMQLOORENDPT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: nonseg

Problem:

An non-existing end point has been encountered.

Probable Cause:
Corrupted data.

174. CMQUEUEMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The message was not sent because of a queuenm() function failure.

175. CMSAMEMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A packet was received with the same message and packet sequence numbers as a message already received. This means that somewhere the message was duplicated. Both the incoming packet and the previously received packet are dumped.

176. CMSEGBYTE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An invalid segment or byte count was encountered.

177. CMSIPBUFERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
Shared buffer between SM and ethernet interface board (EIB) corrupted or buffer pointer out of range.

Probable Cause:
Memory update corruption.

Action:
Audits or reset SIP.

178. CMSIPCALLER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Unknown caller to CMecscan; cannot deliver message.

Probable Cause:
Don't know

Action:
None

179. CMSIPRESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SIP is being restarted due to inconsistency between the AM and the SM.

Probable Cause:

SIP failed to recover from lost messages.

Action:

None.

180. CMSIPSTAT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

SIP state corrupted.

Probable Cause:

Don't know.

Action:

Restart the link.

181. CMSIPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Wrong SIP type received.

Probable Cause:

Message corrupted during transmission.

Action:

Verify ethernet link.

182. CMTOPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid "to" process identifier (PID) was encountered.

183. CM_UCIERR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Host digital facility interface (DFI-H) simulator detected an unexpected return code from a primitive.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

184. MTB_ACTION (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal protocol action was encountered during level 2 link access procedure B (LAPB) processing.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

185. MTB_CHAN (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal channel number was detected during level 2 link access procedure B (LAPB) processing.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

186. MTB_ERROR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error occurred during level 2 link access procedure B (LAPB) processing that has been recovered from.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

187. MTB_GENFRM (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal frame was passed to the state transition function. The frame should have been handled in the calling function.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

188. MTB_IFD (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The frame descriptor (FD) linkage that was being checked is invalid. The link access procedure B (LAPB) link that was being processed at the time of the error was re-initialized.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

189. MTB_REJEVENT (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal frame rejection action was encountered during level 2 link access procedure B (LAPB) processing.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the occurrence to next level of technical support.

190. MTB_STATE (5E12 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

An illegal protocol state was encountered during level 2 link access procedure B (LAPB) processing.

Probable Cause:

Software error.

Action:

The QLLCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

191. MTB_TIMER (5E12 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

An illegal protocol timer timeout value was encountered during level 2 link access procedure B (LAPB) processing.

Probable Cause:

Software error.

Action:

The QLLCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

192. MTB_UNITTYP (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal peripheral messaging unit type was encountered during level 2 link access procedure B (LAPB) processing.

Probable Cause:

Software error.

Action:

Report occurrence to next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

193. MTINCLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

The message transport (MT) level 2 protocol software detected an inconsistency between two fields in the logical link control block (LLCB) or between a field in the LLCB and the current action being performed by MT.

Probable Cause:

Software error.

Action:

The LLCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support.

194. MTINVCOMB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message-transport (MT) level 2 protocol software has received a frame that is invalid for the state the MT level 2 link is in.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

195. MTINVFRMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message transport (MT) level 2 protocol software detected an invalid (out of range) level 2 frame type.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

196. MTINVLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

The message transport (MT) level 2 protocol software detected an invalid (out-of-range) field in the logical link control block (LLCB).

Probable Cause:

Software error.

Action:

The LLCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support.

197. MTINVPCCB (5E12 and later)

Recovery Action: spp	SPP: n	Audit: PCCB	Audit Mode: nonseg

Problem:

Message transport (MT) software detected an invalid field in the peripheral channel control block (PCCB).

Probable Cause:

Software error.

Action:

The PCCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

198. MTINVSEQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message transport (MT) Level 2 protocol software detected an invalid event in its internal event/state table.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

199. MTINVXMITQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message transport (MT) Level 2 protocol software detected an invalid (out-of-range) field in the Logical Link Control Block (LLCB).

Probable Cause:

Software error.

Action:

The field has been corrected. If the problem persists, contact the next level of technical support.

200. MTLLCBIXINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message transport (MT) Level 2 protocol or resource software detected a null or invalid (out of range) Logical Link Control Block (LLCB) index.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

201. MTNORESRCE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TELEM	Audit Mode: nonseg

Problem:

Ran out of resources, could not continue processing.

Probable Cause:

Unknown.

Action:

Contact technical support.

202. MTPARMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad parameter was passed to a message transport primitive. Refer to the stack dump to find that primitive.

Probable Cause:

Unknown.

Action:

Contact technical support

203. MTTBADDELAY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An application to message transport (MT) timing requested to start a timer with a delay that exceeds the maximum supported value.

Probable Cause:

Started a timer that exceeded the maximum supported delay.

Action:

No action required.

204. MTTBADHDC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: THC	Audit Mode: nonseg

Problem:

A message transport timing headcell was found to be corrupted.

Probable Cause:
Unknown.

Action:
Contact technical support.

205. MTTBADNXT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TELEM	Audit Mode: nonseg

Problem:
Message transport timing list linkage to the next element was found to be corrupted.

Probable Cause:
Unknown.

Action:
Contact technical support

206. MTTBADOWNER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TELEM	Audit Mode: nonseg

Problem:
A message transport timing primitive in the message handler (MH) has detected a corrupt or inconsistent headcell owner in a timer element.

Probable Cause:
Unknown.

Action:
Notify Technical support.

207. MTTBADPREV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TELEM	Audit Mode: nonseg

Problem:
A message transport timer list linkage to the previous element was found to be corrupted.

Probable Cause:
Unknown.

Action:
Contact technical support.

208. MTTBADSTRUCT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
A bad structure type was passed or found to be corrupted by message transport timing primitives.

Probable Cause:
Unknown.

Action:

Contact technical support

209. MTTBADTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message transport timing primitive in the message handler (MH) has detected a corrupted current time increment.

Action:

Notify technical support.

210. MTTBADTTYE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TELEM	Audit Mode: nonseg

Problem:

A bad timer type was passed or found to be corrupted by a message transport timing primitive.

Probable Cause:

Unknown.

Action:

Contact technical support.

211. QLINCLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

The quad-link packet switch (QLPS) level 2 protocol software detected an inconsistency between two fields in the logical link control block (QLLCB) or between a field in the QLLCB and the current action being performed on the QLPS network and endpoint associated with the QLLCB.

Probable Cause:

Software error.

Action:

The QLLCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support.

212. QLINCLMDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LMDB	Audit Mode: nonseg

Problem:

The quad-link packet switch (QLPS) link management software detected an inconsistency between two fields in the link management data block (LMDB) or between a field in the LMDB and the current action being performed on the QLPS network associated with the LMDB.

Probable Cause:

Software error.

Action:

The LMDB audit was scheduled to clean up the problem. If the problem persists, contact the next level of technical support.

213. QLINVENDPOINT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) level 2 protocol, link management, or resource software detected an invalid QLPS endpoint.

Probable Cause:

Software error.

Action:

If problem persists, contact next level of technical support.

214. QLINVFRMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) level 2 protocol software detected an invalid (out of range) level 2 frame type.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

215. QLINVLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QLLCB	Audit Mode: nonseg

Problem:

The quad-link packet switch (QLPS) level 2 protocol software detected an invalid (out of range) field in the logical link control block (QLLCB).

Probable Cause:

Software error.

Action:

The QLLCB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support.

216. QLINVLMDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LMDB	Audit Mode: nonseg

Problem:

The quad-link packet switch (QLPS) link management software detected an invalid (out of range) field in the link management data block (LMDB).

Probable Cause:

Software error.

Action:

The LMDB audit was scheduled to correct the problem. If the problem persists, contact the next level of technical support.

217. QLINVNETWORK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) level 2 protocol, link management, resource software detected an invalid QLPS network number.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

218. QLINVPKTTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) level 2 protocol software detected an invalid (out of range) level 2 packet type.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support.

219. QLINVTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) level 2 protocol, link management, or resource software detected an invalid (out of range) timer type.

Probable Cause:

Software error.

Action:

If problem persists, contact next level of technical support.

220. QLLLCBIXINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) level 2 protocol, link management, or resource software detected a null or invalid (out of range) logical link control block (QLLCB) index.

Probable Cause:

Software error.

Action:

If the problem persists, contact the next level of technical support

221. QLTSKNUMINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) resource task manager software detected an invalid (out of range) task number.

Probable Cause:

Software error.

Action:

If problem persists, contact next level of technical support.

222. QLTSKPRIINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link packet switch (QLPS) resource task manager software detected an invalid (out of range) task priority.

Probable Cause:

Software error.

Action:

If problem persists, contact next level of technical support.

223. UC_EADRS (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to access a remote integrated services line unit (RISLU) virtual unified control interface (UCI), but the peripheral interface control bus (PICB)/UCI address is invalid. The UCI access has been denied.

224. UC_ECOUNT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to access a remote integrated services line unit (RISLU) virtual unified control interface (UCI), but the count of UCI addresses to be accessed is invalid. For access to UCI registers, a count of 1 must be used. For access to UCI RAM, the count must be within the range of 1 through 0x7f inclusive, and the starting address plus the count must not attempt access beyond the end of the UCI RAM. The UCI access has been denied.

225. UC_EL1 (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to access a remote integrated services line unit (RISLU) virtual unified control interface (UCI), but the associated communication link does not have layer 1 activated. The UCI access has been denied.

226. UC_EPICB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to access a remote integrated services line unit (RISLU) virtual unified control interface

(UCI), but the peripheral interface control bus (PICB)/UCI identifier is invalid. The UCI access has been denied.

227. UC_EUSER (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt has been made to access a remote integrated services line unit (RISLU) virtual unified control interface (UCI), but the user performing the access is invalid. The UCI access has been denied.

Range: cmram**1. CMCKT2PICBNUL (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No entry was found in relation RLCKTDATA corresponding to the rclname given to macro SMCKT2PICB(). This error should rarely occur since the rclname was read earlier from RLCKTDATA.

2. CMDDLDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Values read by the intra-cluster communication process (ICC) from global data (for example, the Slddlmap[] array or the RLSGDB relation) were invalid. The ICC calls the appropriate refresh functions to refresh the data.

3. CMDDLIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMIM	Audit Mode: elev

Problem:

An idle buffer list for the intra-cluster communication process (ICC) contained an invalid value. If the toppt field is invalid, it is dumped and set to the idle state. If one of the pointers to the idle buffers is invalid, it is dumped and the toppt field is set so that the invalid pointer will not be used again. In either case, the audit is requested.

4. CMDDLDC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMIM	Audit Mode: elev

Problem:

A derived data links (DDL) logical channel structure was corrupted. The structure is dumped and the invalid data is corrected. The audit is requested, but the logical channel is not reset.

5. CMDDLDCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A derived data links (DDL) logical channel structure was corrupted. The structure is dumped and reset.

6. CMDDLDCG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMIM	Audit Mode: elev

Problem:

A derived data links (DDL) group structure was corrupted. The structure is dumped and the invalid data is corrected. The audit is requested, but the link group is not restarted.

7. CMDDLDCPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid input parameter was passed to a derived data links (DDL) function.

8. CMDDLPKT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CMIM	Audit Mode: elev

Problem:

A derived data links (DDL) packet buffer with invalid data was detected. The buffer is dumped and returned to the idle list.

9. CMDDLRCCLDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The derived data links (DDL) structure, CMrcldata, was corrupted. The structure is dumped and initialized.

10. CMDDLRETC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function called by a derived data links (DDL) function returned an unexpected value.

11. CMDDLSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A derived data link (DDL) level 3 logical channel was found in an invalid state following an event, such as the expiration of a timer. The logical channel structure is dumped and returned to a valid state.

12. CMDDLTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The derived data link (DDL) global variable CMtimer_lc was corrupted. The parameter is dumped and reset to 1.

13. CMFAC2RCLNUL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple in RLMATATT contained entry for an rcl facility but corresponding data in either RLCKTDATA or in RLUNIT_CKT could not be found.

14. CMNOICC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The intra-cluster communication process (ICC) system process was called in a module that is not a remote switching module (RSM). No action is taken because there is nothing to be done.

15. CMOSSIGNAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The intra-cluster communication process (ICC) system process was called by something other than the `OSsignal()` function or the `OStimeout()` function (the timer expired). No action is taken because there is nothing to be done.

Range: cra**1. CRA_1_ASRT (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid SM in the call ID was received as a parameter.

2. CRA_2_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range call record index in the call ID was received as a parameter.

3. CRA_3_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An event was received that was not expected.

4. CRA_4_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

Failed to attach the call record back to the idle list.

5. CRA_5_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call record resources have been exhausted. Automatic message accounting (AMA) data may be lost. The call record audit is scheduled following the assert, but not as part of the assert. This assert is report only to avoid escalation.

6. CRA_6_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

A call record idle queue overflow occurred.

7. CRA_7_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message of the wrong type was received. The call record assembler (CRA) does not recognize this message type.

8. CRA_8_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

The CRqread() function retrieved an invalid item from the call record queue.

9. CRA_10_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

Spare CRA AUASRTB (when used add explanation).

10. CRA_11_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare CRA AUASRTB (when used add explanation).

11. CRA_12_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Spare CRA AUASRTB (when used add explanation).

12. CRA_13_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid peg count was referenced.

13. CRA_14_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The table maximum size was exceeded for the electronic directory service (EDS) table, message desk service (MDS) table, or message desk center (MDC) table.

14. CRA_15_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The electronic directory service (EDS) or message desk service (MDS) peg count table was accessed with an invalid bcid, or the message desk center (MDC) peg count table was accessed with an invalid mlhg number.

15. CRA_16_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invocation of ACRqrecover() failed to find an idle operator services position system (OSPS) auxiliary call record (ACR). ACRqrecover() is only called if an error is detected in the ACR idle queue.

16. CRA_20_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maximum table size was exceeded for the intercom calling restriction (ICR) peg count table.

17. CRA_21_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The intercom calling restriction (ICR) hourly report table was accessed with an invalid simulated facilities group (SFG) ID.

18. CRA_22_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to ASICRMAC().

19. CRA_23_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

In the CRinput() function, an invalid parameter was in a message to a remote processor.

20. CRA_24_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

The CRoutput() function timed out while waiting for a response from a remote processor.

21. CRA_25_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

In the CRoutput() function, a message to a remote processor was truncated.

22. CRA_26_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

In the CRoutput() function, an invalid return was received from a message to a remote processor.

23. CRA_27_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

The CRoutput() function encountered an invalid call ID.

24. CRA_28_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to allocate a release link trunk (RLT) call record structure failed because the RLT call record array is at capacity. The RLT load should be redistributed across more SMs.

25. CRA_29_ASRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The release link trunk (RLT) call record structure array index variable (CRrlt_cri), which is set to the index of the next available RLT call record structure, was out of range during an RLT call record allocation or deallocation attempt. The true value of this variable is automatically recovered.

26. CRA_30_ASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

A call ID with an out-of-range call record index was received as a parameter.

27. CRACRIDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ACRqwrite() attempted to add an auxiliary call record (ACR) index to the ACR idle queue, but the ACR index already existed on the queue. ACRqwrite() is called when an ACR is deallocated.

28. CRA_FF_BCI (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The cyclic timer used in the blocked call indicator (BCI) can not be destroyed. An attempt was made to destroy the timer via OSdeterimer(). Escalation is requested. A single process purge of the ASTI process will begin.

29. CRAUXDAGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACRECORD	Audit Mode: elev

Problem:

The auxiliary call record (ACR) DAGETACREC macro returned an invalid pointer to the auxiliary call record.

Probable Cause:

A bad ACR call ID was passed as a parameter.

Action:

The auxiliary call record audit is scheduled.

30. CRAUXEXRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Auxiliary call record (ACR) resources have been exhausted from the idle list.

Probable Cause:

Call load has exceeded the expected amount for this resource.

Action:

If this is an SM-2000, overload control should report the condition and the office personnel will have to request more of this resource per administrative/engineering guidelines.

31. CRAUXFARI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to retrieve an auxiliary call record from the idle list during the allocation procedure.

Probable Cause:

The DA primitive received a bad parameter and could not find the idle list.

Action:

None.

32. CRAUXFATI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACRECORD	Audit Mode: elev

Problem:

Failed to attach an auxiliary call record to the idle list either during initialization of the auxiliary call record idle list, a request for more resources to be allocated by the CRAFT, the addition of more hardware, or the deallocation procedure after a call is completed.

Probable Cause:

The DA primitive received a bad parameter and was not able to link the auxiliary call record to the idle list.

Action:

The auxiliary call record audit is scheduled.

33. CRAUXLOSP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACRECORD	Audit Mode: elev

Problem:

Failed to link the auxiliary call record to its owning operator services position system (OSPS) call record.

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to find either the OSPS call record or the auxiliary call record.

Action:

The auxiliary call record audit is scheduled.

34. CRAUXOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range auxiliary call record index was found.

Probable Cause:

The auxiliary call record keys may be corrupted.

Action:
None.

35. CRAUXUOSP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACRECORD	Audit Mode: elev

Problem:

Failed to unlink the auxiliary call record from its owning operator services position system (OSPS) call record.

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to locate either the OSPS call record or the auxiliary call record.

Action:

The auxiliary call record audit is scheduled.

36. CRBADARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call record function was called with an invalid parameter.

Probable Cause:

Unknown.

Action:

None.

37. CRBCR_NS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

An error occurred that indicates an invalid NS_IDX key in a call record. The AUas_cr audit is called when the NS_IDX key is out of range. The AUas_cr audit cleans up the problem.

38. CRBNSBILL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSBILL	Audit Mode: elev

Problem:

An error indicating incorrect linkages in the RLNS_BILL relation occurred when the call record primitives tried to retrieve an rINS_BILL tuple. The AUnsbill audit will be scheduled to clean up the linkage problem.

39. CRBNSIDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

An error indicating incorrect linkages in the RLNS_IDX relation occurred when the call record primitives tried to retrieve an rINS_IDX tuple. The AUnsidx audit will be scheduled to clean up the linkage problem.

40. CRBQRYCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

An error occurred that indicates an invalid network services query count in the retrieved rINS_IDX tuple. The AUnsidx audit will clean up the problem.

41. CRDELDYN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfdltup has returned failure to delete a tuple in a dynamic relation.

Probable Cause:

Unknown.

Action:

None.

42. CRFRNAMA (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: FRNAMA	Audit Mode: elev

Problem:

An error occurred while invoking a DA primitive for adding a Furnish_AMA tuple to head of the list. The AUfrn_ama audit will be scheduled to clean up the problem.

43. CRGETPCBLA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No rIPCBLA tuple exists for a given process control block link area (PCBLA) key. For example, the DAGETPCBLA()/DAgetpcbla() function may have failed.

Probable Cause:

Bad linkage.

Action:

Report the problem.

44. CRINNSBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSBILL	Audit Mode: elev

Problem:

An error occurred that indicates incorrect linkages between the NS_IDX and NS_BILL data structures. The AUUnsbill audit is called when an attempt to add an NS_BILL structure to a list is unsuccessful.

45. CRINSDYN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfintup has returned failure to insert a tuple in a dynamic relation.

Probable Cause:

Unknown.

Action:
None.

46. CRNSBLFRN (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: FRNAMA	Audit Mode: elev

Problem:

An error occurred that indicates incorrect linkages between the NS_BILL and Furnish_AMA data structures or was unable to obtain an idle Furnish_AMA tuple from the idle list. The AUfrn_ama audit is called when an attempt to add a Furnish_AMA structure to a list is unsuccessful. The AUfrn_ama audit cleans up the problem.

47. CROCRGET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get an operator services position system (OSPS) call record in CRoblk. Dumping related data.

Probable Cause:
Unknown.

Action:
None.

48. CROSPDAGT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: OCRECORD	Audit Mode: elev

Problem:

The operator services position system (OSPS) call record DAGETOCREC macro returned an invalid pointer to the OSPS call record.

Probable Cause:
A bad call ID was passed as a parameter.

Action:
The OSPS call record audit is scheduled.

49. CROSPEXRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) call record resources have been exhausted from the idle list.

Probable Cause:
Call load has exceeded the expected amount for this resource.

Action:
If this problem resides on an SM-2000, then overload control should report the condition and the office personnel will have to request more of this resource per administrative/engineering guidelines.

50. CROSPFARI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to retrieve an operator services position system (OSPS) call record from the idle list during the allocation procedure.

Probable Cause:

The DA primitive received a bad parameter and could not find the idle list.

Action:

None.

51. CROSPFATI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OCRECORD	Audit Mode: elev

Problem:

Failed to attach an operator services position system (OSPS) call record to the idle list either during initialization of the OSPS call record idle list, a request for more resources to be allocated by the CRAFT, the addition of more hardware, or the deallocation procedure after a call is completed.

Probable Cause:

The DA primitive received a bad parameter and was not able to link the OSPS call record to the idle list.

Action:

The OSPS call record audit is scheduled.

52. CRRGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error has been returned from an attempted read of a global parameter from within a transaction.

Probable Cause:

Unknown.

Action:

None.

53. CRUGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There has been an error in updating a global parameter.

Probable Cause:

Unknown.

Action:

None.

Range: ct**1. CTADDTUPBRELID (5E14 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CCgetnode() function to add a tuple in it. No action is taken.

2. CTADSIIENT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected reason for initialization was passed to the CCadsiin() function. No work will be performed.

3. CTADSIIENT (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the CCadsiin() function, the direct link node (DLN) system integrity (SI) system process in the AM.

4. CTADSIUMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected assert message type was passed to the CCdsiprmsg() function. The assert can not be processed for printing. No action is taken.

5. CTADSIUMSG (5E11 to 5E13)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code or unexpected message was received by the CCadsiin() function, the direct link node (DLN) system integrity (SI) system process in the AM.

6. CTADSIURET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCadsiwtmsg() function received an unexpected return code from OSWGETMSG(). We will suspend the process and re-enter when it has work.

7. CTAMDSAPPMMSGSENDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsenddcis() function in AM failed to transmit a direct signaling message to the CNI. A self recovery process is attempted automatically but the message is discarded. The data dump contains the CNI channel descriptor.

8. CTAMRCV3BWRERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamrcv() function failed to write of the DLN-AM in-queue 0 pointers. An unexpected return code from the _ims3bwt() function was received. No action is taken.

9. CTAMRDCMPLMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbrdcmp() function could not send an OSDS message to the DB system process in DLN about a completion of the database read in the AM. The message is discarded.

10. CTAMTCAPMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM CCsndtcap() function failed to transmit a TCAP message to the CNI. A self recovery process is attempted automatically but the message is discarded. The data dump contains the CNI channel descriptor.

11. CTAMTOUP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamtoup() function could not format a message.

12. CTAMTOUP_BAD1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamtoup() function could not format a user part message or returned an unexpected return code to the CCrecvisup() function after the latter failed to read a RLLAB7_PCI relation. The message will be dropped.

13. CTAMTOUP_BAD2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamtoup() function could not format a user part message or returned an unexpected return code to the CCrecvisup() function after the latter failed to read a RLPCI_PRT relation. The message will be dropped.

14. CTAMTOUP_BAD3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamtoup() function could not format a user part message or returned an unexpected return code to the CCrecvisup() function after the latter found out that SM is in real-time overload or the call should be blocked. The message will be dropped.

15. CTAMTSMGSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsendtccs() function in AM failed to transmit a trunk signaling message to the CNI. A self recovery process is attempted automatically but the message is discarded. The data dump contains the CNI channel descriptor.

16. CTAPP_BREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CCds_app() function for update. No action is taken.

17. CTAPPOORINDX (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range index to the RLDS_APP relation in the DLN was received by the CCapprc() function. No action is taken.

18. CTAPPRCCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCappcmp() function could not send an OSDS message about the completion of the RC operation on the RLDS_APP relation. The message is discarded.

19. CTAPPRCMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCds_app() function could not send an OSDS message with RC information to the active DLN. The message is discarded. No action is taken.

20. CTAPPTPLBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCapprc() function to be performed on the existing tuple of the RLDS_APP relation in the DLN. No action is taken.

21. CTAPPTPLNOTFNDBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCapprc() function to be performed on the not found tuple of the RLDS_APP relation in the DLN. No action is taken.

22. CTBADDATA (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the internal variable of the CCsendtccs() function is out of range. The associated signaling message is discarded. If it occurs often, seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

23. CTBADDATA (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Data does not match an expected range or type.

24. CTBADDTRG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An unexpected DDKEY was passed to the CCddupdate() function. No action is taken.

25. CTBADDTRG (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An unknown parameter was passed to the CCddupdate() function.

26. CTBADRETCODE1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The cHsxhdr() function called by the CCrecvisup() function could not format a signaling message header due to the unexpected/inconsistent message data passed to it or the CNI channel was not open. The message is discarded.

27. CTBADRETCODE2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The cHsxhdr() function called by the CCrecvisup() function could not format a signaling message header due to the unexpected/inconsistent message data passed to it or the CNI channel was not open. The message is discarded.

28. CTBLKAPPMMSGSGINVRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The CCrecvcni() function received an unexpected return value from the cHrecv() function while trying to get a block of application messages. The CNI channels will be reinitialized as a part of the automatic self recovery in the code. The data dump contains the CNI direct signaling channel number. If the assert is seen frequently, contact technical support for further analysis. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

29. CTBLKOSDSMSGSGINVRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCreteCvni() function received an unexpected return value from the cHrecv() function while trying to get a block of OSDS messages. The CNI channels will be reinitialized as a part of the automatic selfrecovery in the code. The data dump contains the CNI OSDS channel number. If the assert is seen frequently, contact technical support for further analysis. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

30. CTCHGWBUFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when requesting a common network interface (CNI) message buffer.

31. CTCHIOCTL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The input/output control (IOCTL) setup for a common network interface (CNI) channel failed.

32. CTCHKOPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A common network interface (CNI) channel open failed.

33. CTCHRECV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following errors occurred while receiving a common network interface (CNI) message:

1. A message with zero length was detected.
2. A message with an invalid length was detected.
3. An unexpected return code from the CNI cHrecv() function was encountered.

Corrective action will take place within the operational kernel process (OKP). In cases 1 and 2, the queue pointers will be adjusted to avoid the corrupt message. In case 3, the CNI channels will be reinitialized. These specific errors do not represent a loss of common channel signaling (CCS) call processing. However, due to the automatic recovery within the code, the assert should not occur frequently. If the assert is seen frequently, contact technical support for further analysis.

34. CTCHXMIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to transmit a common network interface (CNI) message using the cHxmit() function. A return code other than cH_PASS was received.

If the assert was issued from the operational kernel process (OKP), then the data dumps contain the following:

1. the CNI channel descriptor.

2. the message being sent, beginning with the CNI header.

If the assert was issued from the direct link node (DLN), then the data dumps contain the following:

1. the return code from cHxmit().
2. the message being sent, beginning with the CNI header.

35. CTCLASS_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received that has an invalid message class associated with it.

36. CTCLASS_BAD1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvisup() function found an unexpected trunk signaling message class that it has assigned to this message. The message will be dropped.

37. CTCLASS_BAD2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected trunk signaling message class was found by the CCrecvisup() function while it was trying to send a message to a proper for this class destination process. The message will be dropped.

38. CTCMPLAB7_BREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CClab7trig() function in CMP for update. No action is taken.

39. CTDBHRNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbhrnf() function failed to read the pump data buffer from the DLN-AM. An unexpected return code was received from the _ims3brd() function. No action is taken.

40. CTDBHWNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbhwnf() function failed to read the pump header from the DLN-AM. An unexpected return code was received from the _ims3brd() function. No action is taken.

41. CTDBLAB6_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the relation RLLAB6PRT, which resulted in a failure to translate the common channel signaling no. 6 domestic (CCIS6) routing label into the 5ESS[®] switch internal representation of that SM port (known as gport).

The data dump consists of the following:

sl_group	6 bits
sl_mem	4 bits
sl_vlink	3 bits
fill	3 bits
band	9 bits (translates from band_num)
bmem_num	4 bits (translates from trnk_num)
fill	3 bits
total	32 bits

The band and member number are extracted from the CCIS6 routing label. The band and member from the signal transfer point (STP) can be found by performing a binary to decimal conversion. The CCIS6 routing label is defined as follows:

filler	12 bits
heading	3 bits
sig_info	4 bits
band_num	9 bits (translates to band)
trnk_num	4 bits (translates to bmem_num)
total	32 bits

42. CTDBLAB7_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLLAB7_PCI relation. The data dump contains the following:

dpc	24 bits
fill	8 bits
opc	24 bits
fill	8 bits

43. CTDBPCI_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the relation RLPCI_PRT. The data dump contains the following:

pci	8 bits
fill	8 bits
circuit	14 bits
fill	2 bits

44. CTDBTC_AP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLDS_APP relation.

45. CTDBTC_SS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLDS_SSN relation.

46. CTDDDBENTRY (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected reason was passed to the CCdInsp() function for creation of the CCdInsp system process. The process is not created.

47. CTDDDBENTRY (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the direct link node (DLN) database (DB) system process.

48. CTDDDBINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A memory protection problem was encountered during direct link node (DLN) database (DB) initialization.

49. CTDDDBMPRO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbrepro() function was unable to reprotect the DLN database memory. No action is taken.

50. CTDDDBMPRO (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to reprotect the direct link node (DLN) database (DB) memory.

51. CTDDDBMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message type was received by the CCdInsp() function for DLN DB update. No action is taken. Wait for the next OSDS message.

52. CTDDDBMSG (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the direct link node (DLN) database (DB) system process.

53. CTDDBOPER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid recent change operation was encountered by the direct link node (DLN) database (DB) system process.

54. CTDDBRCMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the operating system for distributed switching (OSDS) memory protection manager in the direct link node (DLN).

55. CTDDBREID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation ID was encountered by the direct link node (DLN) database (DB) access functions.

56. CTDDBUNPRO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbunpro() function was unable to unprotect the DLN database memory. No action is taken.

57. CTDDBUNPRO (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to unprotect direct link node (DLN) database (DB) memory.

58. CTDDRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTrrchk() function received a negative return from the DDREAD() macro reading the current RRR level. The call will not be blocked. If it occurs often, seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

59. CTDDRDERR (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCS transport has encountered a DD read error.

Probable Cause:

Corrupt data or transient read error.

Action:

If it occurs often seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

60. CTDIRSIGCHOPENFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHkopen() function failed to open the CNI direct signaling channel on request of the CCinit() function. No action is taken. Seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. The data dump contains the CNI channel descriptor.

61. CTDIRSIGCHSETFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHioclt() function failed to set the CNI direct signaling channel options on the CCinit() function request. No action is taken. Seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

62. CTDLNDBSSNINSFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCssnrc() function failed to put the SSN in service after it was inserted by RC. No action is taken. The data dump contains the affected RLDS_SSN relation tuple.

63. CTDLNDBSSNOOSFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCssnrc() function failed to take the SSN out of service after it was deleted by RC. No action is taken. The data dump contains the affected RLDS_SSN relation tuple.

64. CTDLNDSAPPMMSGSENDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsenddcis() function in DLN failed to transmit a direct signaling message to the CNI. An unexpected return code was received from the cHxmit() function. The message is discarded.

65. CTDLNINV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmrcv() function failed to translate the RNA into the DLN index due to the unexpected value of RNA. No action is taken.

66. CTDLNINV (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to translate between the ring node address and the direct link node (DLN) index.

67. CTDLNMEMINITREPRFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdln_indb() function received a failure from the CCdbrepro() function that was requested to re-protect a memory area for all the arrays, hash tables, and free list pointers after initialization. No action is taken. The memory is initialized but un-protected.

68. CTDLNMEMINITUNPRFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdln_indb() function received a failure from the CCdbunpro() function that was requested to un-protect a memory area for all the arrays, hash tables, and free list pointers. No action is taken.

69. CTDLNPMPBRELID (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdln_pmp() function received a message with a bad relation ID to download to a DLN. No action is taken.

70. CTDLNPMPCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCpumpcmp() function could not send an OSDS message about the DLN pump completion. The message is discarded.

71. CTDLNTCAPMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DLN CCsndtcap() function failed to transmit a TCAP message to the CNI. A self recovery process is attempted automatically but the message is discarded.

72. CTDLNTSMMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsndtccs() function in DLN failed to transmit a trunk signaling message to the CNI. An unexpected return code received from the cHxmit() function. The message is discarded.

73. CTDMAWRK3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdmawork() function failed to read the DLN-AM queue 0 pointers. An unexpected return code was received from the _ims3brd() function. No action is taken.

74. CTDSAPPREADFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCinit() function failed to read the RLDS_APP relation in the database. The data dump contains the direct signaling application type for which it tried to find a SSN. No action is taken.

75. CTDSAPPREADFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsenddcis() function failed to read the RLDS_APP relation in the database. The data dump contains the direct signaling application type for which it tried to find a SSN. No action is taken.

76. CTDSAPPREADFAIL3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdactinit() function failed to read the RLDS_APP relation while trying to find out a SSN for the direct application type. No action is taken. The data dump contains the application type.

77. CTDSAPPREADFAIL4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsenddcis() function failed to read the RLDS_APP relation while trying to find out a SSN for the direct application type of destination routed CCIS6. No action is taken. The data dump contains the application type.

78. CTDSAPPSSNISFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCinit() function failed to put a direct signaling application subsystem number in service. The data dump contains the application type and SSN. No action is taken.

79. CTDSAPPSSNISFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCactinit() function failed to put a direct signaling application subsystem number in service. No action is taken. The data dump contains the affected RLDS_SSN relation tuple.

80. CTDSICRPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Output message queue corruption was found in the direct link node (DLN) system integrity (SI) system process.

81. CTDSIFRBUFCRPT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corruption in one of the assert output message queues was found by the CCdsifrbuf() function while trying to free

a buffer in this queue. This queue (and/or all the others) will be initialized.

82. CTDSIIENT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected entry reason was passed to the CCdsinit() function. No action is taken.

83. CTDSIIENT (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the CCdsinit() function, the direct link node (DLN) system integrity (SI) system process.

84. CTDSIINSPRC (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdico() function detected a runaway process. The runaway process (that did not give up a control for more than 350ms) will be purged in an attempt to recover.

85. CTDSIINSPRC (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) integrity monitor, the DLN integrity control (DICO), detected an unstable process in the DLN.

86. CTDSISND (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdsisend() function was unable to send assert output messages to the AM because the DLN transport's OSDS buffer was full for more than 10 consecutive attempts. The DLN transport will be purged in an attempt to correct the problem.

87. CTDSISND (5E11 to 5E13)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

Direct link node (DLN) system integrity (SI) in the DLN was unable to send messages to the AM after ten or more consecutive attempts because DLN transport returned CCBUFFULL (ring buffer full) through the OSsendmsg() function. DLN transport will be purged in an attempt to correct the problem.

88. CTDSIULBUFCRPT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corruption in one of the assert output message queues was found by the CCdsigulbuf() function while trying to

unload a buffer in this queue. This queue (and/or all the others) will be initialized.

89. CTDSIURET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdsiwait() function received an unexpected return code from the OSwait() function. No action is taken.

90. CTDSIUSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdsisghdl() function received an unexpected signal from the OSwait() function. No action is taken.

91. CTDSIUSG (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdsinit() function received an unexpected return from the OSwait() function or an unexpected signal. CCdsinit() is the direct link node (DLN) system integrity (SI) process in the DLN.

92. CTDSSNREADFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvcni() function failed to read the RLDS_SSN relation in the database. The data dump contains the SSN for which it tried to find an application type. No action is taken.

93. CTDSSNREADFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvcni() function failed to read a SSN for a TCAP application. in the database. The data dump contains the TCAP application type. No action is taken.

94. CTDSSNREADFAIL3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrrcv() function failed to read the RLDS_SSN relation for the SSN to which an SCCP message was addressed. The message is discarded. The data dump contains the SSN.

95. CTDACKCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdataack() function could not allocate an IMS buffer for writing a data acknowledgement message to the ringmon. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

96. CTECPCCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTecpcsend() function could not allocate an IMS buffer for writing a SCCP message for ECPC. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

97. CTEPCMSDSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTecpcsend() function failed to send a SCCP message to ECPC. An unexpected return code was received from the cHxmit() function. The message is discarded.

98. CEMPTYLAB7BADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CC7_pcirc() function to be performed on the empty RLLAB7_PCI relation in the DLN. No action is taken.

99. CEMPTYPCIBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCpcirc() function to be performed on the empty RLPCI_PRT relation in the DLN. No action is taken.

100. CTERRRPTCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrpterr() function could not allocate an IMS buffer for writing an error report message to the ringmon. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

101. CTFREETUPBREID (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CCfreenode() function to free a tuple in it. No action is taken.

102. CTHBACKCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CChb_ack() function could not allocate an IMS buffer for writing a heartbeat acknowledgement message to the ringmon. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

103. CTIMS3BRD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when calling the `_ims3brd()` function.

104. CTIMS3BWT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when calling the `_ims3bwt()` function.

105. CTIMSBFR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The `CCrrcv()` function failed to free an IMS ring receive buffer. No action is taken.

106. CTIMSBFR (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to free an interprocess message switch (IMS) receive buffer failed.

107. CTIMSOPEN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The `CCdltrinit()` function could not open a DLN Maintenance channel to RINGMON in the AM. No action is taken.

108. CTIMSOPEN (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not open an interprocess message switch (IMS) channel.

109. CTIMSWRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when calling the `_imswrite()` function.

110. CTINVLNMSGRECV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected length CCS message was received from the CNI by the `CCrecvcni()` function. This corrupted message is discarded. Due to the automatic recovery from this error within the code, the assert should not occur frequently. The data dump contains the length of the message. If the assert is seen frequently, contact technical support for further analysis. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

111. CTINVMLTLATAAPPL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected multilata application was passed to the CTrc_mlata() function for update. No action is taken.

112. CTINVOSDSDLTRMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdltrmsg() function received an unexpected OSDS message. The message is discarded. The data dump contains the first 160 bytes of the message.

113. CTINVOSPSTADLTRMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdltrmsg() function received an OSDS MGOPCCAUD or MGOPCCUPD message while the GLOSPSTA was set to DBNO. The message is discarded. The data dump contains the first 160 bytes of the message.

114. CTINVRETCODE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvisup() function received an unexpected return code from the cHsxhdr() function. The message will be dropped.

115. CTINVSSNAPPTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrrcv() function found an unexpected application type for the SSN to which a SCCP message was addressed. The message is discarded. The data dump contains the SSN and application type.

116. CTINVTMRTAG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdltrmsg() function received an OSDS MGTIMER message with an unexpected timer tag. The message is discarded. The data dump contains the first 160 bytes of the message.

117. CTIPMHD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHsxiph() function, on request of the CCossend() function, could not format the CNI interprocess message header. The message is lost.

118. CTIPMHD (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not format a common network interface (CNI) interprocess message header.

119. CTLAB6PCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the relation RLLAB6_PCI. The contents of the first word in the data dump are the following:

sl_group	6 bits
sl_mem	4 bits
sl_vlink	3 bits
fill	3 bits
band	9 bits
bmem_num	4 bits
fill	3 bits

120. CTLAB6RCCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CC6rccmp() function could not send an OSDS message about the completion of the RC operation on the RLLAB6_PCI relation. The message is discarded.

121. CTLAB7RCCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CC7rccmp() function could not send an OSDS message about the completion of the RC operation on the RLLAB7_PCI relation. The message is discarded.

122. CTLAB7RCMSGSENDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CClab7trig() function could not send an OSDS message with RC information to the active DLN. The message is discarded. No action is taken.

123. CTLAB7READERR1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvisup() function received an unexpected return code from a function trying to read the RLLAB7_PCI relation from database. The associated signaling message is discarded. The data dump contains the following:

dpc 24 bits
fill 8 bits
opc 24 bits
fill 8 bits

124. CTLAB7READERR2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CThdrbld() function received an unexpected return code from a function trying to read the RLLAB7_PCI relation from database. The associated signaling message is discarded. The data dump contains the following:

dpc 24 bits

fill 8 bits

opc 24 bits

fill 8 bits

125. CTLAB7TPLBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CC7_pcirc() function to be performed on the existing tuple of the RLLAB7_PCI relation in the DLN. No action is taken.

126. CTLAB7TPLNOTFNDBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CC7_pcirc() function to be performed on the not found tuple of the RLLAB7_PCI relation in the DLN. No action is taken.

127. CTLLMRNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCllmrnf() function failed to read the data block from the DLN-AM in-queue 0. An unexpected return code was received from the _ims3brd() function. No action is taken.

128. CTMG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message type was received.

129. CTMLTL_BREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CTmlt_lata() function for update. No action is taken.

130. CTMLTLINVRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CTrc_mlata() function to be performed on the RLMLT_LATA relation in the DLN. No action is taken.

131. CTMLTLRCCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTcmplt_mlata() function could not send an OSDS message about the completion of the RC operation on the RLMLT_LATA relation. The message is discarded.

132. CTMLTLRCMSGSENDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTmlt_lata() function could not send an OSDS message with RC information to the active DLN. The message is discarded. No action is taken.

133. CT_MSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected or invalid operating system for distributed switching (OSDS) message was received. The data dump contains the first 160 bytes of the message.

134. CTMSGQFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsndpgcni() function could not send a DMERT message to the CCpgeupdt process. The message will be lost. No action is taken.

135. CTMSGQFAIL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddupdate() function could not send a message.

136. CTNOAPP_DLNMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCds_app() function timed out waiting for the active DLN to confirm an APP RC info update. No action is taken.

137. CTNOBFR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsndrmon() function was unable to allocate a buffer to send an OSDS message to CCringmon. The message is discarded. No action is taken.

138. CTNOBFR (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No buffer was available to send a message from the direct link node (DLN) trigger function to the ring monitor kernel process (RINGMON).

139. CTNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsndpgcni() function could not allocate a message buffer to send a DMERT message to the CCpgeupdt process. The message will be lost. No action is taken.

140. CTNOBUF (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddupdate() function could not allocate a message buffer.

141. CTNODLNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No return message was received from the direct link node (DLN).

142. CTNODSBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHgwbuf() function returned an unexpected value after being requested by the CCsenddcis() function to allocate a buffer for a direct signaling message addressed to CNI. The message is discarded. CNI will attempt recovery. The data dump contains the CNI channel number.

143. CTNOLAB7_DLNMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CClab7trig() function timed out waiting for the active DLN to confirm a LAB7 RC information update. No action is taken.

144. CTNOMLTL_DLNMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTmlt_lata() function timed out waiting for the active DLN to confirm a MLT_LATA RC information update. No action is taken.

145. CTNOOSDSBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHgwbuf() function returned an unexpected value after being requested by the CCosend() function to allocate a buffer for an OSDS message addressed to a DLN. The message is discarded. CNI will attempt recovery. The data dump contains the CNI channel number.

146. CTNOPCI_DLNMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCpciprt() function timed out waiting for the active DLN to confirm a PCI RC info update. No action is taken.

147. CTNOQUE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsdrmon() function was unable to queue a message to CCringmon. The message is discarded. No action is taken.

148. CTNOQUE (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A direct link node (DLN) database (DB) trigger function was unable to queue a message to the ring monitor kernel process (RINGMON).

149. CTNOSSN_DLNMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCds_ssn() function timed out waiting for the active DLN to confirm a SSN RC information update. No action is taken.

150. CTNOTCAPBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHgwbuf() function returned an unexpected value after being requested by the CCsndtcap() function to allocate a buffer for a TCAP message addressed to CNI. The message is discarded. CNI will attempt recovery. The data dump contains the CNI channel number.

151. CTNOTSBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHgwbuf() function returned an unexpected value after being requested by the CCsendtccs() function to allocate a buffer for a trunk signaling message addressed to CNI. The message is discarded. CNI will attempt recovery. The data dump contains the CNI channel number.

152. CTNOTSMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsendtccs() was called by the CCrecevmsgs() function but no trunk signaling message for CNI was passed to it. No action is taken.

153. CTOKPLAB7_BREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CClab7trig() function in OKP for update. No action is taken.

154. CTOS_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to send a message to another process using the OSsendmsg() function failed. The message will be lost.

155. CTOSDSCHOPENFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The chkopen() function failed to open the CNI OSDS channel on request of the CCosinit() function. No action is taken. Seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. The data dump contains the CNI OSDS channel number.

156. CTOSDSCHOPENFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The chkopen() function failed to open the CNI OSDS channel on the CCinit() function request. No action is taken. Seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. The data dump contains the CNI OSDS channel number.

157. CTOSDSCHSETFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The chioctl() function failed to set the CNI OSDS channel options on the CCosinit() function request. No action is taken. Seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

158. CTOSDSCHSETFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The chioctl() function failed to set the CNI OSDS channel options on the CCinit() function request. No action is taken. Seek technical assistance. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section

of the Asserts manual.

159. CTOSDSMSGSENDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCosend() function failed to transmit an OSDS message to the CNI. A self recovery process is attempted automatically but the message is discarded. The data dump contains the CNI channel descriptor.

160. CTOVLCNGCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCswupd() function could not allocate an IMS buffer for writing an overload/congestion status message to the standby DLN. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

161. CTPCI_BREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CCpciprt() function for update. No action is taken.

162. CTPCIRCCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCpcicmp() function could not send an OSDS message about the completion of the RC operation on the RLPCI_PRT relation. The message is discarded.

163. CTPCIRCMMSGSENDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCpciprt() function could not send an OSDS message with RC information to the active DLN. The message is discarded. No action is taken.

164. CTPCIREADERR1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvisup() function received an unexpected return code from a function trying to read the RLPCI_PRT relation from database. The associated signaling message is discarded. The data dump contains the following:

pci 8 bits

fill 8 bits

circuit 14 bits

fill 2 bits

165. CTPCIREADERR2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CThdrbld() function received an unexpected return code from a function trying to read the RLPCI_PRT relation from database. The associated signaling message is discarded. The data dump contains the following:

pci 8 bits

fill 8 bits

circuit 14 bits

fill 2 bits

166. CTPCITPLBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCpcirc() function to be performed on the existing tuple of the RLPCI_PRT relation in the DLN. No action is taken.

167. CTPCITPLNOTFNDBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCpcirc() function to be performed on the not found tuple of the RLPCI_PRT relation in the DLN. No action is taken.

168. CTPMPDNCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCpumpdone() function could not allocate an IMS buffer for writing a pump done notification message to the ringmon. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

169. CTPMPHDRWRRTERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbdn() function failed to write data to the pump message header. An unexpected return code from the _ims3bwt() function was received. The message is discarded.

170. CTQ0HRNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCq0hrnf() function failed to read the DLN-AM queue 1 pointers. An unexpected return code was received from the _ims3brd() function. No action is taken.

171. CTQ0HWNF3BWRERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCq0hwnf() function failed to write of the DLN-AM in-queue 1 pointers. An unexpected return code from the _ims3bwt() function was received. No action is taken.

172. CTQ0RDNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCq0rdnf() function failed to read the data block from the DLN-AM in-queue 1. An unexpected return code was received from the _ims3brd() function. No action is taken.

173. CTQ0WRNF3BWRERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCq0wrnf() function failed to write a message to the DLN-AM out-queue 1. An unexpected return code from the _ims3bwt() function was received. The message is discarded.

174. CTQ1HRNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCq1hrnf() function failed to read the SM bit map from the AM. An unexpected return code was received from the _ims3brd() function. No action is taken.

175. CTQ1WRNF3BWRERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCq1wrnf() function failed to write of the DLN-AM in-queue 0 pointers. An unexpected return code from the _ims3bwt() function was received. No action is taken.

176. CTRCSSNINSFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCds_ssn() function failed to put the SSN in service after it was inserted by RC. No action is taken. The data dump contains the affected RLDS_SSN relation tuple.

177. CTRCSSNOOSFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCds_ssn() function failed to take the SSN out of service after it was deleted by RC. No action is taken. The data dump contains the affected RLDS_SSN relation tuple.

178. CTREPRINVRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbrepro() function received an unexpected return code from the OSmprepro() function. No action is taken.

179. CTRETCODE_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the cHsxhdr() function. The message will be dropped.

180. CTRNBFOV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cannot allocate a buffer for writing a message to the ring.

181. CTROPFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCropcall() function failed to send or queue a message for ROP printout. The data dump contains the message. The message is discarded.

182. CTROPQUEOVFL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Due to the ROP output queue overflow, the CCropcall() function could not queue its own message for ROP printout. The data dump contains the message. The message is discarded.

183. CTROPTRY2FAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCropcall() function failed to send or queue a message for ROP printout on second try; even though, it was given OK on check after the first try with queue overflow response. The data dump contains the message. The message is discarded.

184. CTRRCVIMSWRTERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrrcv() function failed to write a message to the IMS buffer. An unexpected return code from the _imswrite() function was received. The message is discarded.

185. CTRWTNFIMSWRTERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrwnf() function received an unexpected or "bad message format" IMS write buffer status code. The message is discarded.

186. CTSMBMPNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTsmbmpnf() function failed to read the SM OOS bit map from the AM. An unexpected return code was received from the _ims3brd() function. No action is taken.

187. CTSMOUTNF3BRDERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTsmoutnf() function failed to read the logical link map from the AM. An unexpected return code was received from the _ims3brd() function. No action is taken.

188. CTSPPCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsppchk() function could not allocate an IMS buffer for writing a single process purge manual request message to the ringmon. An unexpected return code was received from the CCgwbuf() function. The message is discarded.

189. CTSSN_BREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected relation ID was passed to the CCds_ssn() function for update. No action is taken.

190. CTSSNIS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to put the signaling connection control part (SCCP) subsystem number in service.

191. CTSSNOORINDX (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range index to the RLDS_SSN relation in the DLN was received by the CCssnrc() function. No action is taken.

192. CTSSNOOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to take the signaling connection control part (SCCP) subsystem number out of service.

193. CTSSNRCCMPMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCssncmp() function could not send an OSDS message about the completion of the RC operation on the RLDS_SSN relation. The message is discarded.

194. CTSSNRCMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCds_ssn() function could not send an OSDS message with RC information to the active DLN. The message is discarded. No action is taken.

195. CTSSNTPLBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCssnrc() function to be performed on the existing tuple of the RLDS_SSN relation in the DLN. No action is taken.

196. CTSSNTPLNOTFNDBADRCOPER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected recent change operation was received by the CCssnrc() function to be performed on the not found tuple of the RLDS_SSN relation in the DLN. No action is taken.

197. CTSTBYDLN_LAB7MSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCossend() function returned an unexpected value to the CClab7trig() function while it was trying to send an OSDS message to the standby DLN about a LAB7 RC update. No action is taken.

198. CTSTBYDLN_PCIMSGFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCossend() function returned an unexpected value to the CCpciprt() function while it was trying to send an OSDS message to the standby DLN about a PCI RC update. No action is taken.

199. CTSTRTACKCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCstrtack() function could not allocate an IMS buffer for writing a STRTACK message to the ringmon. An unexpected return code was received from the CCgwbuff() function. The message is discarded.

200. CTSWUPDACKCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCswupdock() function could not allocate an IMS buffer for writing a switch update acknowledgement message to the active DLN. An unexpected return code was received from the CCgwbuff() function. The message is discarded.

201. CTSWUPDCNIBUFERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCswupd() function could not allocate an IMS buffer for writing a switch update message to the standby DLN. An unexpected return code was received from the CCgwbuff() function. The message is discarded.

202. CTTCBLEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The outgoing transaction capability application part (TCAP) message had an unexpected length.

203. CTTRIG_BREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation ID was passed to the direct link node (DLN) database (DB) trigger function.

204. CTTRIG_ROP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A direct link node (DLN) database (DB) trigger function could not send a craft error message to the read only printer (ROP).

205. CTTRSPENT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected entry reason was passed to the CCdltrinit() function. No action is taken.

206. CTTRSPENT (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason was sent to the common channel signaling (CCS) transport system process.

207. CTUNEXPMMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCtranspen() function received a message while it should not receive any one. The message is discarded.

208. CTUNKCMOSDSMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrecvmgs() function received an unknown OSDS message. The message is discarded. The data dump contains the first 160 bytes of the message.

209. CTUNKNDESTMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrem_msg() function received an OSDS message for an unknown destination. The message is dropped. The data dump contains the first 160 bytes of the message.

210. CTUNKPDESTMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamrcv() function received a message from DLN-AM queues that is destined to an unknown process. The message is discarded.

211. CTUNPRINVRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdbunpro() function received an unexpected return code from the OSmpunpro() function. No action is taken.

212. CTUNXPIPMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmrcv() function received a CNI interprocess message with an unexpected message type. The message discarded.

213. CTUNXPNPCKTMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamrcv() function received a non-packet message for CCS transport with an unexpected message type. The message is discarded. The data dump contains the first 160 bytes of the message.

214. CTUNXPPCKTMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCamrcv() function received a packet message for CCS transport with an unexpected message type. The message is discarded. The data dump contains the first 160 bytes of the message.

215. CTUNXRRCVMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrrcv() function received an unexpected message. The message is discarded. The data dump contains the first 160 bytes of the message.

216. CTWRTAM3BWRTErr (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCwrtam() function failed to write a message to the DLN-AM out-queue 0. An unexpected return code from the _ims3bwt() function was received. The message is discarded.

217. CTZEROLNGMSGRECV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A zero length CCS message was received from the CNI by the CCrcvcni() function. This corrupted message is discarded. Due to the automatic recovery from this error within the code, the assert should not occur frequently. The data dump contains the previous message. If the assert is seen frequently, contact technical support for further analysis. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

Range: da**1. ABSMASRT (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: APBUF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIAPBUF tuple. The appropriate idle list should be verified.

2. ACLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACCSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIACCSDB tuple. The appropriate idle list should be verified.

3. AHSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APHEADC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIAP_HEADC tuple. The appropriate idle lists should be verified.

4. AJLMASRT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RLASP_TP relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

5. AJSMASRT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RLASP_TP relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

6. AKSMASRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CGACKT	Audit Mode: nonseg

Problem:

Linkage field of the CGACKT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

7. ALSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISCALL	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIEISCALL tuple. The appropriate idle list should be verified.

8. ANSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rIANQ tuple. The appropriate idle lists should be verified.

9. APDBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIAPB tuple. The appropriate idle lists should be verified.

10. APLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIAPB tuple. The appropriate idle list should be verified.

11. APSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIAPB tuple.

12. AQLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the AUTOQ relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

13. AQSMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the AUTOQ relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

14. ARLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACRECORD	Audit Mode: elev

Problem:

Linkage field of the ACRECORD relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

Action:
None.

15. ARSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACRECORD	Audit Mode: elev

Problem:
Linkage field of the ACRECORD relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

Action:
None.

16. ASLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APSPB	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIAPSPB tuple. The appropriate idle list should be verified.

17. ASSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APSPB	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIAPSPB tuple. The appropriate idle list should be verified.

18. AUSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APDU	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIAPDU tuple. The appropriate idle lists should be verified.

19. AXSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid syntactic linkage was found in an rIGPAXDB tuple. The appropriate idle lists should be verified.

20. BCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OSBCB	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIOSBCB tuple. No idle list is affected.

21. BCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OSBCB	Audit Mode: elev

Problem:

Dynamic access (DA) detected a corrupt linkage between the RLDB_HEADC relation and the RLOSBCB relation. Audits will be called from the operating system (OS) if necessary.

22. BDLMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the BRGDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

23. BDSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the BRGDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

24. BFSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BFDATA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_BFDAT tuple. The appropriate idle lists should be verified.

25. BILMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OSBIT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIOSBIT tuple. No idle lists are affected.

26. BISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OSBIT	Audit Mode: elev

Problem:

A linkage field between the RLDB_HEADC relation and the RLOSBIT relation was corrupted. Audits will be called by the operating system (OS) to cleanup the linkage.

27. BLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIATTH_BLF tuple. The appropriate idle list should be verified.

28. BRLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIBRCSDb tuple. The appropriate idle list should be verified.

29. BRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDb	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIBRCSDb tuple. The appropriate idle lists should be verified.

30. BUSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BUfMSG	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIBUfMSG tuple. The appropriate idle lists should be verified.

31. C1SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CLS_STAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

32. C7SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CINDX7 relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

33. CASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCATPS	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIR_CATPS tuple. The appropriate idle lists should be verified.

34. CBLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICBDB tuple. The appropriate idle lists should be verified.

35. CBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICBDB tuple. The appropriate idle list should be verified.

36. CCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICBCOM tuple. No idle list is affected.

37. CCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICBCOM tuple. The appropriate idle lists should be verified.

38. CDLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICDBCOM tuple. No idle list is affected.

39. CDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICDBCOM tuple. The appropriate idle lists should be verified.

40. CFLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CFSCOP	Audit Mode: null

Problem:

Linkage field of the CFSCOP relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

41. CFSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CFSCOP	Audit Mode: null

Problem:

Linkage field of the CFSCOP relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

42. CHLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICHDB tuple. No idle list is affected.

43. CHSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICHDB tuple. The appropriate idle lists should be verified.

44. CLLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICLDB tuple. The appropriate idle list should be verified.

45. CLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICLDB tuple. The appropriate idle list should be verified.

46. CNLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rICHAN tuple. The appropriate idle list should be verified.

47. CNSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBCND	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICHAN tuple. The appropriate idle list should be verified.

48. COSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CGAPORT	Audit Mode: elev

Problem:

Linkage field of the CGAPORT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

49. CPSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CPLR	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICPLR tuple. The appropriate idle lists should be verified.

50. CQDBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICQDB tuple. The appropriate idle lists should be verified.

51. CQLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICQDB tuple. The appropriate idle lists should be verified.

52. CQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICQB tuple. The appropriate idle lists should be verified.

53. CRLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CRECORD relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

54. CRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: null

Problem:

Linkage field of the CRECORD relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

55. CTLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCSSTPDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICCSSTPDB tuple. The appropriate idle lists should be verified.

56. CTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCSSTPDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICCSSTPDB tuple. The appropriate idle lists should be verified.

57. CUSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CLU_RDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

58. CVLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICV_STATE tuple. The appropriate idle list should be verified.

59. CVSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICV_STATE tuple. The appropriate idle list should be verified.

60. CZLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICBDB tuple. The appropriate idle lists should be verified.

61. CZSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICBDB tuple. The appropriate idle lists should be verified.

62. D6SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the LS6_DATA relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

63. DALMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDALB tuple. The appropriate idle lists should be verified.

64. DASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDALB tuple. The appropriate idle lists should be verified.

65. DBLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ADB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIADB tuple. The appropriate idle list should be verified.

66. DBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIAPB tuple. The appropriate idle lists should be verified.

67. DCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the DPC_STAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

68. DHLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIMODH_BLF tuple.

69. DHSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIMODH_BLF tuple.

70. DILMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DISPDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDISPDB tuple. The appropriate idle lists should be verified.

71. DISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DISPDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDISPDB tuple. The appropriate idle lists should be verified.

72. DLLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDALB tuple. The appropriate idle lists should be verified.

73. DMSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIMODM_BLF tuple. The appropriate idle list should be verified.

74. DNLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the rIDN_GSDB relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

75. DNSMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the rIDN_GSDB relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

76. DOLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DOC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDOC tuple. The appropriate idle lists should be verified.

77. DOSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DOC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDOC tuple. The appropriate idle lists should be verified.

78. DPSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDPB tuple. The appropriate idle lists should be verified.

79. DTLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTBDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDLTBDB tuple. The appropriate idle list should be verified.

80. DTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rDLTSBDB tuple. The appropriate idle list should be verified.

81. E7SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the ENTRY7 relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

82. E9LMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: E911DB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIE911DB tuple. The appropriate idle lists should be verified.

83. E9SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: E911DB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIE911DB tuple. The appropriate idle lists should be verified.

84. EBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rISMPERBLK tuple. The appropriate idle lists should be verified.

85. EISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIEIS_LNK tuple. The appropriate idle lists should be verified.

86. ENSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the NET_STAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

87. ERSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLOCK	Audit Mode: elev

Problem:

An error was found and corrected in the RLSMEST relation that is relative to RLSMPERBLK relation linkage. There may be errors in non-idle rLSMPERBLK tuples.

88. EXLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EXRR	Audit Mode: elev

Problem:

An error was found in the one-to-one linkage of the RLEXRR relation.

89. EXSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EXRR	Audit Mode: elev

Problem:

An error was found in the set linkage of the RLEXRR relation.

90. FCSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CAL_INFO relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

91. FLLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CFLNTRM	Audit Mode: null

Problem:

Linkage field of the CFLNTRM relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

92. FLSTMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CFLNTRM	Audit Mode: null

Problem:

Linkage field of the CFLNTRM relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

93. FTSMASRT (5E13 and later)

Recovery Action: spp	SPP: n	Audit: GPFTIMER	Audit Mode: nonseg

Problem:

Linkage field of the RLGPFTIMER relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

94. FTSMASRT (5E12 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the GPFTIMER relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

95. FUSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the FRN_AMA relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

96. GEN_NOREL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation ID was detected as an input within the general dynamic primitives.

97. GEN_NOTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The specified tuple was not found for the specified relation.

98. GKLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the GSLK relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

99. GKSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the GSLK relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

100. GRLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GRPTGC	Audit Mode: elev

Problem:
An error was found in the one-to-one linkage of the RLGRP_TGC relation.

101. GRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GRPTGC	Audit Mode: elev

Problem:
An error was found in the set linkage of the RLGRP_TGC relation.

102. GSLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the GSDB relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

103. GSSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GSDB	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIGSDB tuple. The appropriate idle lists should be verified.

104. GTSMASRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CGALIST	Audit Mode: nonseg

Problem:
Linkage field of the CGALIST relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

105. HCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBHEADC	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIDB_HEADC tuple. The appropriate idle lists should be verified.

106. HDLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the HDD relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

107. HILMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the PHISTORY relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

108. HISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the PHISTORY relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

109. HLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIHCCALLTQ tuple. The appropriate idle lists should be verified.

110. HQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the HC_SRVQ relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

111. IASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDINFO	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIACDINFO tuple. The appropriate idle lists should be verified.

112. ICSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ICI	Audit Mode: elev

Problem:
Linkage field of the QO_ICI relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

113. IGLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the AI_GSDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

114. IGSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the AI_GSDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

115. ISSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rIISPABUF tuple. The appropriate idle lists should be verified.

116. JFSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the JBUF relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

117. KLSMASRT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RLTCPBLK relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

118. KTSMASRT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RLTCPPKT relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

119. LBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the LSB_CLSB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

120. LCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LSCMDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found between an rLSCMDB tuple and its one-to-one link.

121. LCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LSCMDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in the one-to-many member linkage of an rLSCMDB tuple.

122. LHSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RLHPTPN	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rLR_LHPTPN tuple. The appropriate idle lists should be verified.

123. LKLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBLOCK	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_LOCK tuple. The appropriate idle list should be verified.

124. LKSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBLOCK	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_LOCK tuple. The appropriate idle list should be verified.

125. LOSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LOOPDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rLOOPDB tuple. The appropriate idle lists should be verified.

126. LQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the HC_CLLQ relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

127. LRSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the LORSTMR relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

128. LTLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGTKSTAT	Audit Mode: elev

Problem:
An error was found in the one-to-one linkage of the RLLGTKSTAT relation.

129. LXSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the LS_STAT relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

130. LYLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: REPLYBLF	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIREPLYBLF tuple. The appropriate idle list should be verified.

131. LYSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: REPLYBLF	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIREPLYBLF tuple. The appropriate idle list should be verified.

132. MASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid syntactic linkage was found in an rIMANQ tuple. The appropriate idle lists should be verified.

133. MCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RMCATPS	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIR_MCATPS tuple. The appropriate idle lists should be verified.

134. MDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIMDB tuple. The appropriate idle list should be verified.

135. MLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MALLOC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIMALLOC tuple. The appropriate idle lists should be verified.

136. MPLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rIMPC tuple. The appropriate idle lists should be verified.

137. MQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MDRQ	Audit Mode: null

Problem:

Linkage field of the MDRQ relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

138. MRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RSTMR relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

139. MWSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MSMWIDA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rMSMWIDA tuple. The appropriate idle lists should be verified.

140. N1SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the NALS_ST relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

141. N7SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the NA7MDB relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

142. NASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the NA7RDB relation tuple is corrupt.

Probable Cause:
Broken or dangling linkage.

143. NBLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkage field of the NS_BILL relation tuple is corrupt.

Probable cause:
Broken or dangling linkage.

144. NBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSBILL	Audit Mode: elev

Problem:
A linkage field in an rINS_BILL tuple was corrupted. The appropriate idle lists should be verified.

145. NDLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBCND	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIDBCND tuple. The appropriate idle list should be verified.

146. NDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBCND	Audit Mode: elev

Problem:
Invalid syntactic linkage was found in an rIDBCND tuple. The appropriate idle list should be verified.

147. NILMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

A linkage field in an rINS_IDX tuple was corrupted. The appropriate idle lists should be verified.

148. NISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

A linkage field in an rINS_IDX tuple was corrupted. The appropriate idle lists should be verified.

149. NSLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TN	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rINS_TN tuple. The appropriate idle list should be verified.

150. NSSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TN	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rINS_TN tuple. The appropriate idle list should be verified.

151. OASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OPNDC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_OPNDC tuple in the AM. The appropriate idle lists should be verified.

152. OCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OCRECORD	Audit Mode: null

Problem:

Linkage field of the OCRECORD relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

153. OCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OCRECORD	Audit Mode: null

Problem:

Linkage field of the OCRECORD relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

154. OHSMASRT (5E13 and later)

Recovery Action: spp	SPP: n	Audit: OHTIMER	Audit Mode: nonseg

Problem:

Linkage field of the RLOHTIMER relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

155. OHSMASRT (5E12 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the OHTIMER relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

156. OPLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OPNDC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_OPNDC tuple. The appropriate idle list should be verified.

157. OPSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OPNDC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_OPNDC tuple. The appropriate idle lists should be verified.

158. OSSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OPNDC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_OPNDC tuple in the SM. The appropriate idle lists should be verified.

159. OTLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICOINOT tuple. The appropriate idle list should be verified.

160. OTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rICOINOT tuple. The appropriate idle list should be verified.

161. OUSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the SCCPSTAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

162. P7SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the PCILST7 relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

163. PALMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rACDPOSDB tuple. The appropriate idle lists should be verified.

164. PASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rACDPOSDB tuple. The appropriate idle lists should be verified.

165. PBLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPTSB tuple. The appropriate idle lists should be verified.

166. PBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPTSB tuple. The appropriate idle lists should be verified.

167. PCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPCBLA tuple. No idle list is affected.

168. PCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPCBLA tuple. The appropriate idle lists should be verified.

169. PESMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PUENTRY	Audit Mode: elev

Problem:

Linkage field of the PU_ENTRY relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

170. PHLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPHDB tuple. No idle list is affected.

171. PHSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPHDB tuple. The appropriate idle lists should be verified.

172. PISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPRISTAT tuple. The appropriate idle lists should be verified.

Probable Cause:

The rIPRISTAT tuple is not the owner of the rIDALB tuple.

173. PKSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PKB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPKB tuple. The appropriate idle lists should be verified.

174. PLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRTLST	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPRTLST tuple. The appropriate idle lists should be verified.

175. POLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPORTLA tuple. No idle list is affected.

176. POSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPORTLA tuple. The appropriate idle lists should be verified.

177. PQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PUQUEUE	Audit Mode: elev

Problem:

Linkage field of the PU_QUEUE relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

178. PRLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPTRDB tuple. The appropriate idle list should be verified.

179. PRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Linkage field of the PTRDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

180. PSSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: POSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIPOSDB tuple. The appropriate idle lists should be verified.

181. PUSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the APC_STAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

182. PVLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rINSDB tuple. The appropriate idle list should be verified.

183. PVSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rINSDB tuple. The appropriate idle list should be verified.

184. PXSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APXCTBL	Audit Mode: elev

Problem:

Bad syntactic linkage found in a tuple of relation RLAPXCTBL.

Probable Cause:

Broken linkage in APXCTBL.

Action:

Audit scheduled to rebuild list.

185. PYSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHISTORY	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rPHISTORY tuple. The appropriate idle lists should be verified.

186. QBLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: REQBLOCK	Audit Mode: elev

Problem:

Linkage field of the REQBLOCK relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

187. QBSMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: REQBLOCK	Audit Mode: elev

Problem:

Linkage field of the REQBLOCK relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

188. QCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rCQDB tuple. The appropriate idle lists should be verified.

189. QCSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rCQDB tuple. The appropriate idle lists should be verified.

190. QDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CLLQDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

191. QGSMSART (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OGT	Audit Mode: elev

Problem:

Linkage field of the QO_OGT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

192. QLMSASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rISMQLIST tuple. The appropriate idle lists should be verified.

193. QMSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

Invalid syntactic set linkage was found by the DAqoqm() function, where the owner was the RLQO_MLHG relation and the member was the RLQM_MLHG relation. Verify that the key being passed was not zero, unless a keyshift was declared.

194. QOSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIQO_MLHG tuple. The appropriate idle lists should be verified.

195. QPLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: RQTP	Audit Mode: elev

Problem:

Linkage field of the RQTP relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

196. QPSMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: RQTP	Audit Mode: elev

Problem:

Linkage field of the RQTP relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

197. QRLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIQRYDB tuple. The appropriate idle list should be verified.

198. QRSMASRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QRYDB	Audit Mode: nonseg

Problem:

Linkage field of the QRYDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

199. QTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OGT	Audit Mode: elev

Problem:

Linkage field of the QM_OGT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

200. QVLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the QV_STATE relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

201. QVSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the QV_STATE relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

202. RBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMSGBUF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIRMSGBUF tuple. The appropriate idle lists should be verified.

203. RDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the S7RDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

204. RESMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RESTRTMR relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

205. RGSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RGBUS	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIRGBUS tuple. The appropriate idle lists should be verified.

206. RLLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTLb	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIRTLb tuple. The appropriate idle lists should be verified.

207. RLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTLb	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIRTLb tuple. The appropriate idle lists should be verified.

208. RNSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the ASPTRANS relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

209. RPSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the PCI_RTE relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

210. RQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RELQ	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDBRELQ tuple. The appropriate idle lists should be verified.

211. RRLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rIRRMPC tuple. The appropriate idle lists should be verified.

212. RRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RCGTMR relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

213. RTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTEILA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIRTEILA tuple. The appropriate idle lists should be verified.

214. RVLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NMTR	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITR tuple. The appropriate idle list should be verified.

215. RVSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NMTR	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITR tuple. The appropriate idle list should be verified.

216. S0LMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DS0B	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDS0B tuple. The appropriate idle lists should be verified.

217. S0SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DS0B	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDS0B tuple. The appropriate idle lists should be verified.

218. S7SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the S7MDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

219. SBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVTM	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIHCSERVTM tuple. The appropriate idle lists should be verified.

220. SCLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SCMDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rSCMDB tuple. The appropriate idle should be verified.

221. SCSMASRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: SCMDB	Audit Mode: nonseq

Problem:

Invalid syntactic linkage was found in an rSCMDB tuple. The appropriate idle list should be verified. The audit is run on demand.

222. SDLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the HDS relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

223. SDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the HDS relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

224. SESMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Linkage field of the SMEST relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

225. SISMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the ASPDISP relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

226. SLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the SDAP_SDL relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

227. SNSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RSPTPN	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIR_SPTPN tuple. The appropriate idle lists should be verified.

228. SPLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SPB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISPB tuple. The appropriate idle lists should be verified.

229. SPSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SPB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISPB tuple. The appropriate idle lists should be verified.

230. SQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the SRVQDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

231. SRLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVOT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISRVOT tuple. The appropriate idle list should be verified.

232. SRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVOT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISRVOT tuple. The appropriate idle list should be verified.

233. STLMASTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISTQDB tuple. The appropriate idle lists should be verified.

234. STSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STQDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISTQDB tuple. The appropriate idle lists should be verified.

235. SULMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STPDB	Audit Mode: elev

Problem:

A linkage field in an rISTPDB tuple was corrupted. The appropriate idle lists should be verified.

236. SUSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STPDB	Audit Mode: elev

Problem:

A linkage field in an rISTPDB tuple was corrupted. The appropriate idle lists should be verified.

237. SXLMASRT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the SMXRF relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

238. SXSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SMXRF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISMXRF tuple. The appropriate idle lists should be verified.

239. T7SMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the TIMER7 relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Action:

None.

240. TALMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TAPOSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITAPOSDB tuple. The appropriate idle lists should be verified.

241. TASMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TAPOSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITAPOSDB tuple. The appropriate idle lists should be verified.

242. TBLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TATDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITATDB tuple. The appropriate idle lists should be verified.

243. TBSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TATDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITATDB tuple. The appropriate idle lists should be verified.

244. TDLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the OAOTDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

245. TDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the OAOTDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

246. TELMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

An invalid linkage field was found in an rITEDB tuple.

Probable Cause:

Linkages were not unlinked properly.

Action:

The appropriate idle lists should be verified.

247. TESMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITEDB tuple. The appropriate idle lists should be verified.

248. TGLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TGC	Audit Mode: elev

Problem:

An error was found in the one-to-one linkage of the RLTGC relation.

249. TGSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TGC	Audit Mode: elev

Problem:

An error was found in the set linkage of the RLTGC relation.

250. TISMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rTEILA tuple. The appropriate idle list should be verified.

251. TKLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKSTAT	Audit Mode: elev

Problem:

An error was found in the one-to-one linkage of the RLTKSTAT relation.

252. TLSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rTALOOPDB tuple. The appropriate idle lists should be verified.

253. TMSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIATTM_BLF tuple. The appropriate idle list should be verified.

254. TNSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TNINFO	Audit Mode: elev

Problem:

A linkage field in an rITN_INFO tuple was corrupted. The appropriate idle lists should be verified.

255. TOLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKOWNER	Audit Mode: elev

Problem:

An error was found in the one-to-one linkage of the RLTKOWNER relation.

256. TOSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKOWNER	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITKOWNER tuple. The appropriate idle lists should be verified.

257. TPLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TAPOSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITAPOSDB tuple. The appropriate idle list should be verified.

258. TPSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTPSTAT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIR_TPSTAT tuple. The appropriate idle lists should be verified.

259. TQSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKQUE	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITKQUE tuple. The appropriate idle lists should be verified.

260. TRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TRNDC	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIDB_TRNDC tuple. The appropriate idle lists should be verified.

261. TSLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITSDB tuple. No idle list is affected.

262. TSSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rITSDB tuple. The appropriate idle lists should be verified.

263. TTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTPSTAT	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rIR_TPSTAT tuple. The appropriate idle lists should be verified.

264. UCSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CLU_STAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

265. UDLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the SUDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

266. UDSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field for the SUDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

267. UPSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the CLAPCRDB relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

268. USSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid syntactic linkage was found in an rUSERDB tuple. The appropriate idle list should be verified.

269. UTSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ATCALL	Audit Mode: elev

Problem:

Linkage field of the ATCALL relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

270. VCSMASRT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the RLTCPRCV relation tuple is corrupt.

Probable cause:

Broken or dangling linkage.

271. VLLMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the VLR relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

272. XDSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the XDPCSTAT relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

273. XLSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the XLIST relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

274. XNSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the TXN_INFO relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

275. XPSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the XPTMR relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

276. XRSMASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SMXRF	Audit Mode: elev

Problem:

Invalid syntactic linkage was found in an rISMXRF tuple. The appropriate idle lists should be verified.

277. XTSMASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage field of the XLISTMR relation tuple is corrupt.

Probable Cause:

Broken or dangling linkage.

Range: daim**1. IM_BADP2URET (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from a call to the pid2uid() primitive.

2. IM_BADU2PRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from a call to the uid2pid() primitive.

3. IMBIN_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid in_type parameter was passed to the IMactrl() function in the application integrity monitor (AIM).

4. IMBMS_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ms_type was routed to the IMactrl() function in the application integrity monitor (AIM).

5. IM_LK_CNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The IMlk_cnt variable was corrupted in the application integrity monitor (AIM).

6. IM_LKDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data returned by the lkout_data() primitive, called by the application integrity monitor (AIM), was corrupted.

7. IM_LKRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The lkout_data() RTR primitive called by the application integrity monitor (AIM) returned failure.

8. IM_LOOPCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) activity counter for the operational kernel process (OKP) had a wild written

value in it.

9. INBADPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) could not get the process number of a DMERT application process (DAP) that is critical to the system. AIM requests an S6,H3 (DMERT level 2) initialization.

10. INBADSEQST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) encountered a sequence state that is invalid or is not consistent with the data stored in the Sldapdata[] array.

11. INBAIMPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) encountered a failure when attempting to attach to its port. AIM requests an S6,H3 (DMERT level 2) initialization.

12. INBCMCKPACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received a failure acknowledgement from the communication kernel process (CMKP) when it attempted to attach to its slot for operating system for distributed switching (OSDS) communication. AIM requests an S6,H3 (DMERT level 2) initialization.

13. INBOTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) encountered an unrecognizable value in the ms_otype field of an incoming message.

14. INBSEQSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A sequence state was encountered by the application integrity monitor (AIM) that is an invalid value or is not consistent with the data stored in the Sldapdata[] array.

15. INBTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received a failure acknowledgement from the prtimer() DMERT primitive

when trying to attach to its repetitive timer. AIM requests an S6,H3 (DMERT level 2) initialization.

16. INCONFIGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to open the configuration manager (CONFIG) shared library.

17. INDUPII (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an initialization progress message that it had previously received.

18. INECDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to attach to the equipment configuration database (ECD).

19. INFAULTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received a failure return when it tried to send a fault to a DMERT application process (DAP). AIM requests an S6,H3 (DMERT level 2) initialization.

20. INFPTOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization forward progress timers timed out.

21. INITTIMEOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization time allowance was exceeded without the application integrity monitor (AIM) receiving a success indication from the essential components.

22. INMSGUNEX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an unexpected message of the type used for the system initialization message from the switch integrity monitor (SIM). The message buffer is dumped to the stack.

23. INNOMSGBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) could not get a message buffer from DMERT for sending a message to the communications kernel process (CMKP) telling CMKP to open a slot for operating system for distributed switching (OSDS) communication.

24. INNOTRIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DMERT returned a failure code from the alocmg() or queuem() primitive when the application integrity monitor (AIM) attempted to send an initialization trigger message. AIM requests an S6,H3 (DMERT level 2) initialization.

25. INPMCOMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) could not send a P_CREAT message to the process manager.

26. INSNDVTFail (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendevent() primitive failed to send an E_ABORT event to a *UNIX*[®] DMERT application process (DAP) that can be terminated.

27. INSNDFLTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendfault() primitive failed to send FLT_SINIT (SIGTERM signal) to a *UNIX*[®] DMERT application process (DAP).

28. INSYSIMSGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) timed out while waiting to receive the system initialization message from the switch integrity monitor (SIM). A DMERT level 1 initialization is requested.

29. INTMTOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout occurred for the application integrity monitor (AIM) to terminate a DMERT application process (DAP) via a message to the DMERT scheduler. A DMERT level 1 initialization is requested.

30. INUNSUPPSEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DMERT application process (DAP) was in a sequence state that was not valid for that DAP.

31. SIALOCFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) could not allocate a DMERT message buffer.

32. SIAMDWFALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) could not get the dapid value of the automatic message accounting (AMA) disk writer (AMDW) process when AIM received a report message from the AMcpteles() function in the operational kernel process (OKP).

33. SIAPPLPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default case was encountered in a switch on the application parameter in the INsysimsg() function. This indicates an internal software problem. The message buffer for the system initialization message is dumped to the stack.

34. SIASTAUD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal recovery and restart of the application integrity monitor (AIM) was invoked.

35. SIBADPARAM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal application parameter was passed to the function Slinh_admin().

36. SIBADTTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received a message with an invalid TTY message ID. The message buffer is dumped to the stack.

37. SIBDAPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dapid parameter, which is used as an index into the Sldapdata[] array, was passed to the application integrity monitor (AIM) with an invalid value.

38. SIBIN_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid in_type was passed to the INactrl() function in the application integrity monitor (AIM).

39. SIBMS_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ms_type was in an input message to the application integrity monitor (AIM).

40. SIBOSTCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an operating system trap (OST) with an invalid OST code.

41. SIBSI_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid si_type was in an initialization utility message. See the file db/MGinumt.h.

42. SIBTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid operating system for distributed switching (OSDS) message type was in an incoming message to the application integrity monitor (AIM).

43. SICONFIGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A configuration manager (CONFIG) library primitive failed during an attempt to switch AM sides.

44. SIDBRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the RLMODATT relation for a given SM. The INactrl() or Slinh_admn() function received failure from the DBfrdtup() primitive, or the offset value obtained from the RLMODATT relation was out of range.

45. SIDDRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the data delivery (DD) access key DDRSMISOL for the given host SM (HSM). The INactrl() or Slinh_admn() function received failure from the DDREAD() primitive.

46. SIDDWERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received a failure return code from the DDwrite() primitive.

47. SIFASRTMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An assert library failed when trying to send assert failure data to the application integrity monitor (AIM). A special event is reserved in AIM for this purpose. This is probably a DMERT message buffer overload problem.

48. SIFAULTED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) process was faulted by DMERT. The saved state and active message buffer (if any) are dumped to the stack. An internal AIM recovery and restart is invoked.

49. SIFLOWERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected internal to a function.

50. SIINVEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an invalid event.

51. SIINVINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automatic DMERT level 0 initialization occurred. This should only occur when manually requested from the emergency action interface (EAI). The message buffer for the system initialization message is dumped to the stack.

52. SIINVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was encountered in the Slainhmsg() function. The message buffer is dumped to stack.

53. SIINVOSTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed by the Slswcp() operating system trap (OST) primitive.

54. SIINVREQINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an invalid parameter from the INREQINIT() macro.

55. SIINVRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an invalid return code from the Slcpside() primitive in the Slswcp() function.

56. SI_KLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received a fault indicating that the AM was experiencing a kernel level lockout. AIM requests a DMERT level 1 initialization.

57. SINOTSKBLK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There were no free task blocks for scheduling a timer in the application integrity monitor (AIM) even after a demand audit. An internal AIM recovery and restart will be invoked.

58. SIOVRSTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The timer could not be allocated via the Slatimer() function to limit the duration for DMERT message overload condition. Without this timer, output message volume may be seriously limited.

59. SIQMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to queue a DMERT message.

60. SISMKPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) could not obtain the switch maintenance kernel process (SMKP) DMERT process ID to send a message to switch maintenance analysis and recovery strategies (SMARS) to inhibit or allow hardware checks.

61. SITADDRES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to set up its internal timing that is used to satisfy the switch integrity monitor's (SIM's) sanity timing requirements on AIM. AIM requests a DMERT level 1 initialization.

62. SITADDTSK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to set up its internal timing that is used to time for the switch integrity monitor's (SIM's) acknowledgement of AIM's request for SIM to perform sanity timing on AIM. AIM requests a DMERT level 1 initialization.

63. SITINITFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received an indication from the switch integrity monitor (SIM) that AIM's request for SIM to perform a sanity timer function on AIM was denied. AIM requests a DMERT level 1 initialization.

64. SITINITTIMEOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to receive an acknowledgement from the switch integrity monitor (SIM) to its request for SIM to perform sanity timing on AIM. AIM performs a DMERT level 1 initialization.

65. SITMRINACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The flag used for the SIholdtite() primitive was set, but no timer was active for the primitive. The flag was cleared.

66. SITMROVFLOW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The counter used for the SIholdtite() primitive was out of range. The counter was zeroed.

67. SITMSGBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to get a DMERT message buffer for sending a message to the switch integrity monitor (SIM) to tell SIM to perform sanity timing on AIM. AIM requests a DMERT level 1 initialization.

68. SITMSGQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) failed to queue a DMERT message buffer when sending a message to the switch integrity monitor (SIM) to tell SIM to perform sanity timing on AIM. AIM requests a DMERT level 1 initialization.

69. SITPRMBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received failure from the alocmmsg() primitive when it tried to get a DMERT message buffer for sending a message to the switch integrity monitor (SIM) to tell SIM to print a processor recovery message (PRM).

70. SITPRMQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received failure from the queuem() primitive when it tried to queue a DMERT message buffer for sending a message to the switch integrity monitor (SIM) telling SIM to print a processor recovery message (PRM).

71. SITRESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor (AIM) received failure when it tried to send its sanity event to the switch integrity monitor (SIM) using the sendevent() primitive. AIM performs a DMERT level 1 initialization.

72. SITTSKACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application integrity monitor's (AIM's) task timer encountered an active task that was marked as not active.

73. SITTSKTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A task timer block had an invalid task number in the task field. The application integrity monitor (AIM) uses task timers for internal timing, and the task field specifies the job being timed. One of the stack frame dumps contains the complete task timer block that was in error.

74. SIUNCONDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure of unconditional switch of AM sides.

Range: dama**1. AMVMFCMKP (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) verification of AMA records utility (VAMARU) *UNIX*® process failed to establish communication with the communication kernel process (CMKP). (Possible CMKP error) This process is re-started.

2. AMVMFCNPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) verification of AMA records utility (VAMARU) *UNIX*® process failed to connect to its message port. (DMERT error) This process is re-started.

3. AMVMFENMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the msgenab() function from the automatic message accounting (AMA) verification of AMA records utility (VAMARU) *UNIX*® process to enable message reception failed. (Possible DMERT error) This process is re-started.

4. AMVMFRCMKP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) verification of AMA records utility (VAMARU) *UNIX*® process could not receive a message from the communication kernel process (CMKP). (CMKP error) This process is re-started.

5. AMVMFSCMKP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) verification of AMA records utility (VAMARU) *UNIX*® process was unable to send a message to the communication kernel process (CMKP). (CMKP error). This process is re-started.

6. AMVMUNKMGTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) verification of AMA records utility (VAMARU) *UNIX*® process received an unrecognized message type. The sending process used an incorrect destination. The unrecognized message is ignored and valid message types are processed.

Range: das**1. EDLCPOPEN (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This problem occurred in the administrative services (AS) measurements external data link communications package (EDLCP) module. During the initialization phase of a read or write process, an attempt to open a channel on an equipped data link failed. This often occurs in labs when a data link is equipped, but the IH link is not assigned to that particular lab. The attempt to open a channel occurs in the main function of the ECreed() and ECwrite() functions.

Range: db**1. BADPRIMCNT (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was found for the count of active generated key (GK) access method primitives currently operating on a GK relation.

2. DB2MNYFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Too many attempted transactions failed during an unprotected office-dependent data (UODD) growth.

3. DBAC0000 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) detected an inconsistency or error condition. The DBM can always recover from these conditions. The error can be found in the stack trace; if additional information was available where the error occurred, it will be dumped through the assert handler.

4. DBAC0001 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) MEMMAN audit code detected a corrupted access dictionary entry or a corrupted head table in the office-dependent data (ODD). The dump contains the access dictionary entry or the head table that has the invalid blockid. An audit error report will follow the dump.

5. DBAC0007 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure or error condition was returned from an OSSENDMSG() macro call to the operating system for distributed switching (OSDS).

6. DBAC0008 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure or error condition was returned from an OSWGETMSG() macro call to the operating system for distributed switching (OSDS). If this problem occurred during an office-dependent data (ODD) backup, it may not be caused by an impacting problem; that is, it may be caused by a slow resource. If the ODD backup completes successfully, ignore this assert.

7. DBAC0009 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in the backup code due to invalid system logic.

8. DBAC0010 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect reason (not OSRCREATE) was passed to a process when it was created.

9. DBAC0011 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) could not fill the request for blocks of protected memory in the static office-dependent data (ODD). The block ID for the request that could not be filled is dumped. Stop all recent changes and call the product engineering control center (PECC) for the proper ODD growth procedures.

10. DBAC0012 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OPNDC	Audit Mode: elev

Problem:

The database manager (DBM) ran out of open relation blocks (dbopndict). The OPNDC audit is scheduled.

11. DBAC0013 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) ran out of access dictionary blocks. All transactions were purged and run-time dictionaries were re-initialized.

12. DBAC0014 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TRNDC	Audit Mode: elev

Problem:

The database manager (DBM) ran out of transaction blocks. The TRNDC audit is scheduled.

13. DBAC0015 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) detected an inconsistency in a data page of a hashed relation. The tuple status bitmap indicated that the tuple slot ID was empty, but the first short of the tuple was not 0xffff. The sequential cursor and 200 bytes of the data page will be dumped.

14. DBAC0016 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default case on a switch statement was encountered. If this problem resulted from a message, the message will be dumped.

15. DBAC0017 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBNO_MATCH) was sent to the user.

16. DBAC0018 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBSYS_ERR) was sent to the user.

17. DBAC0019 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBDUP_KEY) was sent to the user.

18. DBAC0020 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBIN_TRAN) was sent to the user.

19. DBAC0021 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBREL_FULL) was sent to the user.

20. DBAC0022 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (anything but DBEOR) was sent to the user.

21. DBAC0023 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBTRANID_BAD) was sent to the user.

22. DBAC0024 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBRELDESC_BAD) was sent to the user.

23. DBAC0025 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBATTR_BAD) was sent to the user.

24. DBAC0026 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPOS_UNDEF) was sent to the user.

25. DBAC0027 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBKEY_BAD) was sent to the user.

26. DBAC0028 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBGATYP_FAIL) was received from the DBgattyp() function.

27. DBAC0029 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBFLAG_BAD) was sent to the user.

28. DBAC0030 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBMODE_BAD) was sent to the user.

29. DBAC0031 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBREL_UND) was sent to the user.

30. DBAC0032 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBREL_LOCKED) was sent to the user.

31. DBAC0033 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBTRG_ERR) was sent to the user.

32. DBAC0034 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBNUMREL_BAD) was sent to the user.

33. DBAC0035 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBRELNOEXIST) was sent to the user.

34. DBAC0036 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBNOSUPPORT) was sent to the user.

35. DBAC0037 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBRELNAME_BAD) was sent to the user.

36. DBAC0038 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBVWNAME_BAD) was sent to the user.

37. DBAC0039 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPCRID_BAD) was sent to the user.

38. DBAC0040 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPCR_UNKNOWN) was sent to the user.

39. DBAC0041 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBOEMP_REL) was sent to the user.

40. DBAC0042 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBCOPY_BAD) was sent to the user. Failed to copy a buffer to memory.

41. DBAC0043 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to copy data that was not a word size. The error return code was DBCOPY_SIZE.

42. DBAC0044 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The access to the dynamic relation index array was incorrect. The error return code was DBDRLX_FAIL.

43. DBAC0045 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The incorrect entry in the relation index was accessed. The error return code was DBRLX_FAIL.

44. DBAC0047 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful retrieve code (DBbRETRIEVE_FAIL) was received from the DBb_retrieve() function. Failed to retrieve a data block.

45. DBAC0048 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBbTOUCH_FAIL) was received from the DBb_touch() function. Failed to touch a memory page or block.

46. DBAC0049 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBDTCMP_2) was received. The byte size was wrong.

47. DBAC0050 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBDTCMP_3) was received. The bit size was wrong.

48. DBAC0051 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. The bit offset was wrong.

49. DBAC0052 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBDTCMP_5) was received. The value of the bits and the offset was wrong.

50. DBAC0053 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received from the DBb_seize() function.

51. DBAC0054 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation ID was not successfully returned. The return code was DBRID_BAD.

52. DBAC0055 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBSTATIN) was received.

53. DBAC0056 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received from DBSTATDL.

54. DBAC0057 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBAID_BAD) was received. An attribute ID in a dictionary was invalid.

55. DBAC0058 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBDID_BAD) was received. A domain ID in a dictionary was invalid.

56. DBAC0059 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBENID_BAD) was received. An enumeration ID in a dictionary was invalid.

57. DBAC0060 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBSID_BAD) was received. A sub-attribute ID in a dictionary was invalid.

58. DBAC0061 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The max.description count was wrong. The error return code was DBGKEY_2.

59. DBAC0062 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid attribute pointer was encountered. The error return code was DBGKEY_3.

60. DBAC0063 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBGKEY_4) was received. Too many attribute items were encountered.

61. DBAC0064 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A sub-attribute pointer was invalid. The error return code was DBGKEY_5.

62. DBAC0065 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A sub-attribute domain pointer was invalid. The error return code was DBGKEY_6.

63. DBAC0066 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update a dynamic access (DA) head table in a DAuphdtbl() function call. The error return code was DBHDTBL_FAIL.

64. DBAC0067 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBINDUP_FAIL) was received from the DBindup() function. Failed to duplicate a data page when necessary.

65. DBAC0068 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBINGARB_FAIL) was received from the DBingarb() function. Failed to collect "garbage".

66. DBAC0069 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to call the DBinrnx() function was unsuccessful. Failed to obtain an index dictionary entry while executing DBinrnx(). The return is NULL. DBINRNXT_FAIL.

67. DBAC0070 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access a data block. An attempt to call the DBincup() function was unsuccessful. The error return code was DBINCUP_FAIL.

68. DBAC0071 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to call the DBinbladd() function was unsuccessful. Failed to create a head block. The error return code was DBINBLADD_FAIL.

69. DBAC0072 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful attempt in DBinfind to establish index level in DBingindex. DBINFIND_FAIL.

70. DBAC0073 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful message was received from the OSCREATE() macro for a reason.

71. DBAC0074 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of data pages was too large for the head table size. The error return code was DBNPAG_SIZE.

72. DBAC0075 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple page size <= dbmaxhsh DB_GCD.

73. DBAC0076 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBFAMIN_FAIL) was received from the DBfamin() function.

74. DBAC0077 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ID for an SM was received. The error return code was DBIMIN_BAD.

75. DBAC0078 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBFAMD_L_FAIL) was received from the DBfamdl() function.

76. DBAC0079 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBRMFTUP_FAIL) was received from the DBrmftup() function. A tuple was not removed.

77. DBAC0080 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBFAMUP_FAIL) was received from the DBfamup() function.

78. DBAC0081 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Specifies that the maximum time elapsed OSTEIMEOUT.

79. DBAC0082 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The byte offset for a variable tuple on the fixed data page in the RLRC_OEINFO relation was out of range. This was

probably caused by corruption in the office-dependent data (ODD).

80. DBAC0083 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid condition was encountered, the maximum time was out of range, or no time and no condition were specified. The error return code from the OSWGETFROM() or OSSENDMSG() macro was OSERANGE.

81. DBAC0084 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The variable page index on a fixed data page of the RLRC_OEINFO relation was out of range. This is probably caused by corruption in the office-dependent data (ODD).

82. DBAC0085 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The complete message did not fit in (*msg).text and was truncated to (*msg).msghead.length. OSELENGTH.

83. DBAC0086 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message of the specified type was not available. The error return code was OSEMSG.

84. DBAC0087 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful return of current process PID OSGETPID.

85. DBAC0089 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid target destroyed the current process. The error return code is OSEPROC.

86. DBAC0090 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The length field in an rIRC_OEINFO tuple was out of range. This is probably caused by corruption in the office-dependent data (ODD).

87. DBAC0091 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A forward linkage on a fixed data page in the RLRC_OEINFO relation was out of range. This is probably caused by office-dependent data (ODD) corruption. This assert only fires during a variable data page compaction.

88. DBAC0092 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program ID was encountered. The error return code was OSEPROG.

89. DBAC0093 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBAMCLR) was received from the DBamclr() function.

90. DBAC0094 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful union structure information was returned. The error return code was (DBUNION_FAIL).

91. DBAC0095 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to retrieve an operating system process ID (OSPID) was unsuccessful. The error return code was DBTRNPID_FAIL.

92. DBAC0096 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to get an attribute description was unsuccessful. The error return code was (DBGATD_FAIL).

93. DBAC0097 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPREBGN_FAIL) was received.

94. DBAC0098 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A parameter of a range check was invalid. The error return code was DBPARID_FAIL.

95. DBAC0099 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful return code for the local pair of DBbgnloc. DBBGNLOC_FAIL.

96. DBAC0100 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPOSTBGN_FAIL) was received from the DBpostbgn() function.

97. DBAC0101 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No transaction waiting to commit on case COMMITTING. DBCOMMIT_1.

98. DBAC0102 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No current beginners on case COMMITTING. DBCOMMIT_2.

99. DBAC0103 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No relation was waiting to begin. The error return code was DBNO_BEGIN.

100. DBAC0104 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No transactions waiting to commit on case BEGINNING. DBBEG_1.

101. DBAC0105 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

At least one current beginners on case BEGINNING. DBBEG_2.

102. DBAC0106 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No waiting beginners on case BEGINNING. DBBEG_3.

103. DBAC0107 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Return is STABLE (rptr_status = STABLE). DBSTABLE.

104. DBAC0108 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No transaction waiting to commit on case STABLE. DBSTAB_1.

105. DBAC0109 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No current beginners on case STABLE. DBSTAB_2.

106. DBAC0110 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No waiting beginner on CASE STABLE. DBSTAB_3.

107. DBAC0111 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The status selected by RPTR was not COMMITTING. The error return code was DBNOCMT.

108. DBAC0112 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The wcommitr selected by RPTR was not NULL. The error return code was DBNONULL.

109. DBAC0113 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBOSEQPID) was received. Check for transaction abort.

110. DBAC0114 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trn_tid variable from the DBdeqtid() function was incorrect. The error return code was DBTRNTID_FAIL.

111. DBAC0115 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPRCMT_FAIL) was received while attempting to lock for a remote update.

112. DBAC0116 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBPSTCMT_FAIL) was received while attempting to unlock after a remote update.

113. DBAC0117 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A code check failed to confirm that a parameter resides on processor. The error return code was DBPARDICT.

114. DBAC0118 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful return code if RC_LOC fails. DBRC_LOC.

115. DBAC0119 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful return code if RC_RMT fails. DBRC_RMT.

116. DBAC0120 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBFAMRD) was received from the DBfamvd() function.

117. DBAC0121 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBHSHRD) was received from the DBhshrd() function.

118. DBAC0122 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBHSHOPN) was received from the DBhshopen() function.

119. DBAC0124 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBSQOPEN) was received from the DBsqopen() function.

120. DBAC0125 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBINOPEN) was received from the DBinopen() function.

121. DBAC0126 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBINRD) was received from the DBinrd() function.

122. DBAC0128 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBOPNLOC) was received from the DBopnloc() function.

123. DBAC0129 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBDDREAD) was received from the DBddread() function.

124. DBAC0130 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The index was too large. The error return code was DBIDX_BUF.

125. DBAC0131 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBDTCMP) was received from the DBdccmp() function.

126. DBAC0132 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBAMUP) was received from the DBamup() function.

127. DBAC0133 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBCLOLOC) was received from the DBcloloc() function.

128. DBAC0134 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A range check of array indices returned failure. The error return code was DBTIDQ_FAIL.

129. DBAC0135 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A queue had only one element, but the dictionary entry did not equal the head. The error return code was DBTIDQ_1.

130. DBAC0136 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code (DBSWBACC) was received from the DBswbacc() function. The access dictionary address failed on the DBb_retrieve() function.

131. DBAC0137 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A memory failure occurred on a retrieve block in the DBdyinit() function. The error return code was DBHDC_FAIL.

132. DBAC0138 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid selector ID (SELID) index into the selector descriptor dictionary was encountered in the DBselvw() or DBnxtva() function. The error return code was DBSELID_BAD.

133. DBAC0139 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBselvw() or DBnxtvtr() function found invalid entries in the descriptor dictionary in the DBget_btup() function. The length on bit offset may be incorrect. The error return code was DBGET_BAD.

134. DBAC0140 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBseluw() or DBnxtvw() function could not find any free entries in the selector dictionary. The error return code was DBSYS_ERR.

135. DBAC0141 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The tuple size was too large for the buffer. The return error code was DBBADTUP_SZ.

136. DBAC0142 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBhashup() function returned failure (DBHASHUP_FAIL).

137. DBAC0143 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMoutmsg() returned failure to the database (DB) craft interface code.

138. DBAC0144 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return (DBSYS_FAIL) was received from the DBsys() function.

139. DBAC0145 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the DBremtrn() function, the cmdntag variable did not contain the expected value. It should have been DBBGNTRN.

140. DBAC0146 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBremtrn() function received failure from the DBlocal() function.

141. DBAC0147 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn default on MGDBDDDES switch in DBremtrn.c.

142. DBAC0148 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn default on MGDBFFN switch in DBremtrn.c.

143. DBAC0149 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn default switch in case MGDBDDEND; cmdntag should be either DBCMT or DBUNCMT, but is not; in DBremtrn.c.

144. DBAC0150 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBremtrn() function variable cmdntag that was received from the DBendtrn() function should have been DBTRNEND, but it was not.

145. DBAC0151 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case of OSSENDMSG in DBsys.c from function DBsysim.

146. DBAC0152 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case of OSSENDMSG in DBsys.c from function DBsysim.

147. DBAC0153 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn unsuccessful return from DBlocal in case MGDBDDDES from DBremtrn.c.

148. DBAC0154 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn unsuccessful return from DBlocal in case MGDBFFN from DBremtrn.c.

149. DBAC0155 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn unsuccessful return from DBlocal in case MGDBREORG from DBremtrn.c.

150. DBAC0156 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn unsuccessful return from DBlocal in case MGDBREORG when msg.text.dbreorg.relds2 > 0 in file DBremtrn.c.

151. DBAC0157 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn switch default in OSSENDMSG; failure to send response to SM in DBremtrn.c.

152. DBAC0158 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn default on switch of stimuli in DBremtrn; unexpected stimulus. Stimulus should be either WAKEUP or MSG, but is neither.

153. DBAC0159 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn default of switch of the begin/open message OSWGETMSG in DBremtrn.

154. DBAC0160 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn switch default in OSWGETMSG in DBRDNXT2; failure to receive second part of message in DBremtrn.c.

155. DBAC0161 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn switch default of OSWGETMSG in case OSMMSG of switch OSWAIT|OSWAKE1 in DBremtrn.c.

156. DBAC0162 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBim_send default case of OSSENDMSG in DBim_msgs.c from function DBim_send.

157. DBAC0163 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn switch default in OSWGETMSG in DBRDFST2; failure to receive second part of message in DBremtrn.c.

158. DBAC0164 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBim_msgs() function received an unexpected message type from the DBim_send() function. The return error code was DBSYS_ERR.

159. DBAC0165 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn switch default in OSWGETMSG in DBRDCHK2; failure to receive second part of message in DBremtrn.c.

160. DBAC0166 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBim_rec default case of OSWGETMSG in DBim_msgs.c from function DBim_rec DBLOST_MSG.

161. DBAC0167 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBim_msgs() function received an unexpected message type from the DBim_rec() function. The error return code was DBSYS_ERR.

162. DBAC0168 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn switch default in OSSENDMSG ; failure to send response to IM in DBremtrn.c.

163. DBAC0169 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpdltp default case of OSSENDMSG in DBp_prims.c from function DBpdltp.

164. DBAC0170 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBam_rec default case of OSWGETFROM in DBam_msgs.c from function DBam_rec DBLOST_MSG.

165. DBAC0171 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBp_prims() function received an unexpected message type from the DBpdltp() function. The error return code was BADMSG_TYPE.

166. DBAC0172 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global database (DB) transaction manager received an unexpected message type or a message with unexpected contents.

167. DBAC0173 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpdltp, DBpintup, DBptdltp or DBptintup default of OSWGETTYPE totally unexpected, cannot wait in DBp_prims.c from function DBpdltp, DBpintup, DBptdltp or DBptintup OSMSGBUG.

168. DBAC0174 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBam_send default case of OSSENDMSG in DBam_msgs.c from function DBam_send.

169. DBAC0175 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpintup, DBpdtltup, DBptintup or DBptuptup inconsistency in database in DBp_prims.c from function DBpintup, DBpdtltup, DBptintup DBptuptup.

170. DBAC0176 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpdtltup, DBpintup, DBpuptup, DBpdtltup, DBptintup or DBptuptup inconsistency in database in DBp_prims.c from function DBpdtltup, DBpintup, DBpuptup, DBpdtltup, DBptintup or DBptuptup.

171. DBAC0177 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdfst default case of OSSENDMSG in DBp_prims.c from function DBprdfst.

172. DBAC0178 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdfst default case of OSSENDMSG in DBp_prims.c from function DBprdfst.

173. DBAC0179 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBp_prims() function received an unexpected message type from the DBprdfst() function. The return error code was BADMSG_TYPE.

174. DBAC0180 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdfst unexpected message type from DBp_prims.c from function DBprdfst BADMSG_TYPE.

175. DBAC0181 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdfst, DBprdnxt or DBprdchk attrname is too long in DBp_prims.c from function DBprdfst, DBprdnxt or DBprdchk.

176. DBAC0182 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdnxt default case of OSSENDMSG in DBp_prims.c from function DBprdnxt.

177. DBAC0183 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdnxt default case of OSSENDMSG in DBp_prims.c from function DBprdnxt.

178. DBAC0184 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdnxt unexpected message type from DBp_prims.c from function DBprdnxt BADMSG_TYPE.

179. DBAC0185 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBp_prims() function received an unexpected message type from the DBprdnxt() function. The error return code was BADMSG_TYPE.

180. DBAC0186 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBam_send default case of OSSENDMSG in DBam_msgs.c from function DBam_send.

181. DBAC0187 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBp_prims() function received an unexpected message type from the DBprdtup() or DBprdchk() function. The error return code was BADMSG_TYPE.

182. DBAC0188 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBrmftup DBNO_MATCH for DBFRDTUP case in DBrmftup.c from function DBrmftup.

183. DBAC0189 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpuptup default case of OSWGETFROM in DBp_prims.c from function DBpuptup. DBLOST_MSG.

184. DBAC0190 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBp_prims() function received an unexpected message type from the DBpuptup() function. The error return code was BADMSG_TYPE.

185. DBAC0191 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpuptup or DBptuptup default from OSWGETTYPE; msg has been lost in DBp_prims.c function DBpuptup or DBptuptup.

186. DBAC0192 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdchk default case of OSSENDMSG in DBp_prims.c from function DBprdchk.

187. DBAC0193 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdchk unexpected message type from DBp_prims.c from function DBprdchk BADMSG_TYPE.

188. DBAC0194 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBprdchk default case of OSSENDMSG in DBp_prims.c from function DBprdchk.

189. DBAC0195 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBrmftup default case of read failure in DBrmftup.c from function DBrmftup.

190. DBAC0196 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBremtrn OSTEIMEOUT in case OSMSG of DBremtrn.c.

191. DBAC0197 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
DBremtrn OSTYPEOUT in case OSWGETMSG of DBremtrn.c.

192. DBAC0200 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:
Processes running transactions were purged as a result of a dynamic access (DA) linkage failure or the CLR:TRN command.

193. DBAC0201 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The DBuncommit() function failed at a point where the office-dependent data (ODD) may have been corrupted.

194. DBAC0202 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A linkage failure occurred while trying to access one of the five database (DB) transaction dictionaries. Usually, the DBzapalltrans() function is called.

195. DBAC0203 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A valid relation was missing from the office-dependent data (ODD) access dictionary. The dictionary may have been corrupted or built incorrectly.

Action:
If the system is being retrofitted, STOP THE RETROFIT and obtain a rebuilt ODD. Otherwise, call the product engineering control center (PECC) for assistance.

196. DBAC0204 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Transaction data could not be initialized.

Action:
If the system is being retrofitted, STOP THE RETROFIT and obtain a new load. Otherwise, call the product engineering control center (PECC) for assistance.

197. DBAC0205 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Open relation data could not be initialized.

Action:

If the system is being retrofitted, STOP THE RETROFIT and obtain a new load. Otherwise, call the product engineering control center (PECC) for assistance.

198. DBAC0207 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data could not be initialized.

Action:

If the system is being retrofitted, STOP THE RETROFIT and obtain a new load. Otherwise, call the product engineering control center (PECC) for assistance.

199. DBAC0208 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBretrvblk() function failed when it was called from the DBinaccdict() function.

200. DBAC0209 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office-dependent data (ODD) access dictionary appears corrupted. The relation dictionary data could not be initialized.

Action:

If the system is being retrofitted, STOP THE RETROFIT and obtain a rebuilt ODD. Otherwise, call the product engineering control center (PECC) for assistance.

201. DBAC0210 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office-dependent data (ODD) access dictionary appears corrupted. A block ID was not zero and did not fall within the ODD.

Action:

If the system is being retrofitted, STOP THE RETROFIT and obtain a rebuilt ODD. Otherwise, call the product engineering control center (PECC) for assistance.

202. DBAC0211 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The following office parameters may be invalid: DBPRBLOCKS, DBACTBLKS, DBPHYSBLKS, DBDISKBLKS, DBDACTBLKS, and DBDPHYSBLKS.

DBPRBLOCKS, DBACTBLKS, and DBPHYSBLKS should be divisible by 32. Others should be divisible by 4. This indicates that the office dependent data (ODD) was corrupted.

Action:

STOP ALL ACTIONS and contact the product engineering control center (PECC) for assistance.

203. DBAC0212 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBPRBLOCKS and/or DBUNBLOCKS office parameters may be corrupted. The sum of the parameters should be less than 32769. This indicates that the office-dependent data (ODD) was corrupted.

Action:

STOP the retrofit or initialization. Call the product engineering control center (PECC) for assistance.

204. DBAC0213 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office-dependent data (ODD) starting address (DBPRDB) appears corrupted. It should be divisible by 0x200. This indicates that the ODD was corrupted.

Action:

STOP ALL ACTIONS. Call the product engineering control center (PECC) for assistance.

205. DBAC0214 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBPRBLOCKS, DBPHYSBLKS, DBACTBLKS, DBDACTBLKS, DBDPHYSBLKS, or DBDISKBLKS office parameter appears corrupted.

DBACTBLKS should be less than or equal to DBPHYSBLKS and greater than zero. DBDACTBLKS should be less than DBDPHYSBLKS and greater than zero. DBDPHYSBLKS should be less than DBDISKBLKS.

The office-dependent data (ODD) may have been corrupted, and may have to be rebuilt.

Action:

STOP ALL ACTIONS. Contact the product engineering control center (PECC) for assistance.

206. DBAC0215 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBUNBLOCKS office parameter appears corrupted. It must be greater than zero. This indicates that the office-dependent data (ODD) was corrupted.

Action:

STOP ALL ACTIONS. Contact the product engineering control center (PECC) for assistance.

207. DBAC0219 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Default case on switch statement. The database manager (DBM) cannot interpret the message type.

208. DBAC0226 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When a database (DB) disk read or write function fails, the DBdldinchk() function attempts to get the partition number from the file manager. DBdldinchk() failed to get a response. The disk driver and file manager were not functioning normally.

209. DBAC0227 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database (DB) software demand paging (SDP) assert. Disk block ID is out of range. This means that disk block ID passed to one of the sdp functions (DBb_retrieve, DBb_touch, DBb_free, DBb_readasy, and DBb_checkasy) is bad, or the disk block ID field in an entry of buffer control table is corrupted.

210. DBAC0228 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) software demand paging (SDP) problem indicated that a disk partition for storing a disk relation was full and beyond the growth limit.

211. DBAC0229 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) software demand paging (SDP) problem indicated that the paging buffer for disk relations was full. No buffer blocks are in the idle list, or no buffer blocks are in the release list.

212. DBAC0230 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BFDATA	Audit Mode: elev

Problem:

The database (DB) software demand paging (SDP) problem indicates that the paging control table, RLdb_bfdat[], was corrupted.

213. DBAC0231 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In database (DB) software demand paging (SDP), an invalid pointer to a transaction dictionary was detected.

214. DBAC0232 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TRNDC	Audit Mode: elev

Problem:

In database (DB) software demand paging (SDP), a corrupted transaction dictionary was detected.

215. DBAC0233 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A customer originated recent change (CORC) processing call to the DBfrdtup() function failed while trying to read the current tuple before updating.

216. DBAC0234 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Customer originated recent change (CORC) processing of an attribute level update found an invalid attribute type.

217. DBAC0235 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A customer originated recent change (CORC) processing call to the DBfuptup() function failed while trying to update the given tuple.

218. DBAC0236 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A linkage failure occurred when looping through the open dictionary entries for a transaction or freeing the lock set memory (tuple level locking).

219. DBAC0237 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation identifier was passed to customer originated recent change (CORC) processing.

220. DBAC0238 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the address of the lock set (tuple level locking) from the relation queue. The DBgethead() function was called from the DBgetlockset() function.

221. DBAC0239 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid time parameter was passed to the DBgetmem() function.

222. DBAC0240 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to find the given block ID or all entries were used when searching the DBmemlock[] array.

223. DBAC0241 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range address was passed to the DBfreemem() function.

224. DBAC0243 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The tuple size exceeded the allowed size for a simple customer originated recent change (CORC).

225. DBAC0244 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Customer originated recent change (CORC) processing of an attribute level update found a bit field that crossed the word boundary (32 bits).

226. DBAC0245 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Customer originated recent change (CORC) processing of an attribute level update found a character field that was less than or equal to zero.

227. DBAC0246 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In database (DB) software demand paging (SDP), an asynchronous write to disk failed during a DBb_doflush() function call.

228. DBAC0247 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In database (DB) software demand paging (SDP), a check of the status of an asynchronous write to disk failed during a DBb_ckflush() function call.

229. DBAC0248 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In database (DB) software demand paging (SDP), an asynchronous read from disk failed during a DBb_readasy() function call.

230. DBAC0249 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In database (DB) software demand paging (SDP), a check of the status of an asynchronous read from disk failed during a DBb_checkasy() function call.

231. DBAC0258 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TRNDC	Audit Mode: elev

Problem:

A database manager (DBM) or transaction process was purged and the TRNDC audit was scheduled to clean up the DBM control structures.

232. DBAC0259 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid *tupcnt_ptr parameter (number of tuples to operate on) was passed to a database (DB) tuple set primitive. The caller must pass a positive number of tuples to operate on.

233. DBAC0260 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

not applicable

234. DBAC0282 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Standby CMP is not available for office-dependent data (ODD) backup because communication path to the CMP is down (possibly due to a mixed CM vintage e.g. CM1 to CM2 conversion). CMP is most likely operational but has lost communication. No craft intervention is required, and the backup will complete successfully.

235. DBAC0283 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was received. Message type MGDBRSP was expected.

236. DBAC0284 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was received. Message type MGDBGCORC or MGDBXGCORC was expected.

237. DBAC0285 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was received. Message type MGDBXGCCMND was expected.

238. DBAC0286 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBgethead() or DBgetsucc() function returned an unexpected error code while accessing entries from the RLDBGDPIDL relation.

239. DBAC0287 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The customer originated recent change (CORC) log buffer contained invalid data. In the AM and SM, CORC logging buffers log a CORC temporarily before it is written to disk.

240. DBAC0288 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The customer originated recent change (CORC) logging buffer was shipped from an SM to the AM through messages. The data messages were not handled correctly; that is, the CORC message count was mismatched.

241. DBAC0289 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The customer originated recent change (CORC) logging buffer was shipped from an SM to the AM. An invalid CORC logging command message was received, DBBUFCOMP was expected.

242. DBAC0290 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGDBHS has new_pid.procno less than 0 in DBsys.c from function DBsysim.

243. DBAC0291 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGBK01 has new_pid.procno less than 0 in DBsys.c from function DBsysim.

244. DBAC0292 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGBKIM has new_pid.procno less than 0 in DBsys.c from function DBsysim.

245. DBAC0293 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGGODD has new_pid.procno less than 0 in DBsys.c from function DBsysim.

246. DBAC0294 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGDBRT has new_pid.procno less than 0 in DBsys.c from function DBsysim.

247. DBAC0295 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGDBRT has new_pid.procno less than 0 in DBsys.c from function DBsysim.

248. DBAC0296 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBcmsys OSCREATE of GLPGCRF1 has new_pid.procno less than 0 from function DBcmsys.

249. DBAC0297 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGCFR2 has new_pid.procno less than 0 in DBsys.c from function DBsysim.

250. DBAC0298 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case of OSSENDMSG in DBsys.c from function DBsysim.

251. DBAC0299 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case of OSSENDMSG in DBsys.c from function DBsysim.

252. DBAC0302 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case of OSSENDMSG in DBsys.c from function DBsysim.

253. DBAC0303 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case on switch statement in DBsys.c from function DBsysim.

254. DBAC0304 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim default case on switch statement in DBsys.c from function DBsysim.

255. DBAC0305 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim read or update of gparm not successful in DBsys.c from function DBsysim.

256. DBAC0306 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation storage class was found in the rel_stgcls field of the access dictionary.

257. DBAC0307 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the part tuple size (vtup_size) variable could not be stored in a char, which is the size of the field used to store vtup_size.

258. DBAC0308 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the tuples per page (tpag) variable was greater than the allowed size for relations with a storage class other than DBORIGLEN. This value must be less than or equal to DBLINKSIZE because the tup num value for a tuple becomes the link value in the linked list of all tuples on a single variable data page.

259. DBAC0309 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The possible range of values for the byte offset of a tuple on a variable data page exceeded the value which can be stored in the byte offset field in the fixed part tuple. The highest value allowed is DBBOFFSIZE.

260. DBAC0310 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the rel_vdpnum variable (number of variable data pages) was too big to fit in the vpage index field. This field size is DBVDPSIZE.

261. DBAC0311 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A boundary was exceeded in the database (DB) storage class code.

262. DBAC0312 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When a global customer originated recent change (CORC) failed, the backout of changes to other copies of the data failed. CORC data may be inconsistent across processors.

263. DBAC0325 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrfmain() function received a failure from the OSSENDMSG() macro call or the wrong data was returned. In either event, rollforward cannot continue. The message containing the incorrect data is dumped.

264. DBAC0326 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the DBrfmain() function, the OSWGETTYPE() macro returned the wrong data. The message will be dumped.

265. DBAC0327 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the DBrfmain() function, errors were found in the data returned from the OSWGETMSG() macro. The invalid data will be dumped.

266. DBAC0367 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write a data delivery (DD) value.

267. DBAC0375 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGRLFD has new_pid.procno less than 0 in DBsys.c from function DBSysim. This is the terminal process in the SM responsible for handling roll forward. Indicates that resources are not available to create the terminal process so try again later.

268. DBAC0379 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBsmrlfrwd() function (the SM terminal process for handling roll forward) received failure or invalid data from a call to the OSSENDMSG() macro. The roll forward cannot continue. The message that caused the problem is dumped.

269. DBAC0380 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBsmrlfrwd() function (the SM terminal process for handling roll forward of an SM) received a value other than OSMSG from the OSWGETTYPE() macro. The message is dumped to the receive only printer (ROP).

270. DBAC0381 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While the DBrfmain() function (the system process for handling roll forward) was rolling forward an SM, the protocol for sending the log data from the AM to the SM detected a problem in the sliding window protocol. The window being acknowledged was not the one being sent. Roll forward cannot continue because of potentially corrupted log data.

271. DBAC0383 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBquetrn() function received an invalid transaction ID.

272. DBAC0384 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBquetrn() function received an invalid message.

273. DBAC0385 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBquetrn() function received an invalid signal from the operating system for distributed switching (OSDS).

274. DBAC0386 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid linkage was found in the database (DB) cache.

275. DBAC0387 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A user tried to delete a tuple through the DBxdltp() function after accessing more than DBNUMLST other tuples before calling it. Could not find the tuple to delete.

276. DBAC0388 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

General queuing error found in relq.

277. DBAC0389 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry was detected in the queuing tables.

278. DBAC0397 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure or error condition was returned from an OSSENDMSG() macro call to the operating system for distributed switching (OSDS) in the CMP for logging messages.

279. DBAC0398 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure or error condition was returned from an OSWGETMSG() macro call to the operating system for distributed switching (OSDS) in the CMP for logging messages.

280. DBAC0400 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrfspmain() function (the rollforward system process) could not get the shared segment requested after calling the DBgetseg() function. Either the logging segment and rollforward segment (LGSG) or the rollforward segment (RFSG) was requested. The rollforward aborted.

Action:

Try entering the EXC:ODDRCVY=ALL,n message, where n is AM or SM=x (x is the SM number being recovered). This will restart the process and the DBgetseg() function call should succeed. See the Input Messages Manual for more information on the EXC:ODDRCVY message.

281. DBAC0401 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logging process received the wrong message ID.

282. DBAC0402 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure or error condition was returned from an OSSENDMSG() macro call to the standby CMP for logging

messages.

283. DBAC0403 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message sent to switch maintenance (SM) failed. This message notifies switch maintenance of the standby CMP rollforward failure. In the DBunxlgar() function, a sendpw() function call to port PT_SMKP failed. In the lgsds() function, an OSSENDMSG() macro call to PIPSMER(SMKP) failed.

Action:

Restart the standby CMP rollforward. If rollforward continues to fail, request a soft switch of the CMP pair.

284. DBAC0404 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned a value other than SMDBOK. The physical ID was not received for the requested CMP.

285. DBAC0405 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBrfspsmain() OSCREATE of GLPGAMRF has a new_pid.procno less than 0. This is the AM roll forward terminal process used for applying the AM logfile to the AM in-core memory.

286. DBAC0406 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OSSENDPHY() macro call returned a failure or invalid data. This call is used in the DBrfspsmain() function to send to the active or standby CMP for rollforward.

287. DBAC0407 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned a failure or invalid data from a call in the CMP or SM rollforward code.

288. DBAC0408 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETTYPE() macro returned a value other than OSMSG in the CMP or SM rollforward code.

289. DBAC0409 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBpiprfsp() OSCREATE of GLPGRFWD has new_pid.prono less than 0 in DBrfsys.c. This is the terminal process in the CMP responsible for handling roll forward.

290. DBAC0410 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBpiprfsp() function (the rollforward system process in the CMP) received a message from soft switch with an action type other than SMACSTOP.

291. DBAC0411 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBrdgparm() function failed in the DBpiprfsp() function. This call attempted to read the active CMP values for the Glrcstart or Glcorstart global parameters. Possibly, a read failure occurred due to a CMP hard switch.

292. DBAC0412 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OSSENDMSG() macro call from the DBhndlmsg() function returned an unsuccessful value when sending to *UNIX*[®].

293. DBAC0413 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from a sendpw() function call in the DBcmpchk() function.

294. DBAC0414 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from a sendpw() function call while sending a message to switch maintenance to abort a standby CMP roll forward. Since the call failed, the standby should be removed from service until the problem can be corrected. Possible solutions are to soft switch or pump.

295. DBAC0415 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned a failure or invalid data while sending to *UNIX*[®] from the DBrfchk() function in the DBlgosds() function.

296. DBAC0418 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was received in the DBhndlmsg() function.

297. DBAC0422 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DBhndlmsg() function call from the DBrfspmain() function returned something other than GLSUCCESS due to an invalid message type or a get segment failure.

298. DBAC0423 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from the DBreqcntl() function was something other than GLSUCCESS. The requesting SM or CMP could not get control of the AM roll forward process. Roll forward must be restarted.

299. DBAC0424 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple cache commit timed out during the second phase commit. The commit continues, but it may cause a corrupted tuple in the office dependent data (ODD). The cache block and the tuple block are dumped. Use this information to verify and/or correct the tuple in question.

300. DBAC0425 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in rollforward control. The rollforward process tried to complete before all of the logfile had been applied.

301. DBAC0426 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBlbgntn() function or the DBxbgntn() function from the rollforward function DBrftnbg() returned something other than GLSUCCESS. Check the error log for the appropriate module to identify the failure.

302. DBAC0427 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBgincdec() function or the DBincdec() function from the rollforward function DBrftup() returned something other than GLSUCCESS. Check the error log for the appropriate module to determine the failure.

303. DBAC0428 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBltintup(), DBtintup(), or DBxtintup() function from the rollforward function DBrftup() returned

something other than GLSUCCESS. Check the error log for the appropriate module to determine the failure.

304. DBAC0429 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBltuptup(), DBtuptup(), or DBxtuptup() function from the rollforward function DBrftup() returned something other than GLSUCCESS. Check the error log for the appropriate module to determine the failure.

305. DBAC0430 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBDBltidup(), DBtdltup(), or DBxtidup() function from the rollforward function DBrftup() returned something other than GLSUCCESS. Check the error log for the appropriate module to determine the failure.

306. DBAC0431 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBlendtrn() function or the DBendtrn() function from the rollforward process returned something other than GLSUCCESS. Check the error log for the appropriate module to determine the failure.

307. DBAC0432 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return from the DBrfchk() function was not GLSUCCESS. A message from a processor had the wrong rollforward ID (DBrfid). An abort message was sent to the sending processor. Any *UNIX*[®] processes will time out and the rollforward must be restarted.

308. DBAC0461 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office-dependent data (ODD) error was received while trying to call the DBincdec() function during roll forward. The error will be dumped to the error log. The Glrcstart global parameter and the tuple header will be dumped to the ROP. Manual recovery is needed to increment or decrement the needed attribute, if that is desired.

309. DBAC0462 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid function ID was encountered in roll forward. Either the logfile was corrupted or the pointer into the logfile was invalid. The pointer in the Glrcstart global parameter and the tuple header will be dumped. The data may also be dumped to the error log if the logfile was not completely corrupted.

310. DBAC0463 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation level lock transaction deferred garbage collection queue overflowed. A resource error was returned; however, this also indicates faulty logic.

311. DBAC0464 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid use of a relation's access dictionary was found. The code expected a certain access type, but a logic error occurred when an access dictionary entry with an unexpected access type was used.

312. DBAC0499 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The incore customer originated recent change (CORC) buffer was corrupted.

Data Structures:

The output message contains the following information:

- Logging buffer ID (BUFID)
- Logging buffer starting address (BUFADDR)
- CORC size (CORCSIZE)
- Time of day (TOD)
- Day that the CORC was written to the buffer (DAY)
- CORC type (CORCTYPE)
- Relation ID (RELID)
- Buffer offset (BUFOFFSET)
- Overwritten queue entry (QUEENTRY)

Action:

Perform BKUP:ODD on this processor as soon as possible.

313. DBAC0500 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A nonzero message count indicated that all messages may have been received by the OSbcst() function, but not all messages were successfully processed by the DBbcstrply() function. The current message structure from the DBbsctmsg() function was dumped.

314. DBACCDICSAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A future version of an access dictionary entry was found to be the same as the current version.

315. DBACCUPFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBaccup() function failed. The database manager (DBM) could not update the office-dependent data (ODD) copy of an access dictionary entry.

316. DBADLNKFIELD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid generated key value was found in the link field of a generated key tuple.

317. DBBADACCDICT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is an information only assert. A bad database dictionary entry(s) was found. There is no craft action required. The database manager (DBM) will clean up the database. The bad dictionary entries will be printed on the ROP.

318. DBBAD_ALIGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A free list initialization request has bad memory alignment.

Probable Cause:

DBinitavail fn was called with bad addresses.

Action:

The product engineering control center (PECC) should be contacted for assistance.

319. DBBADATYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to use a relation with an unexpected access type. The relation dictionary entry for the relation is dumped.

320. DBBAD_AVAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBGETAVAIL macro returned a bad free list.

Probable Cause:

A bad memory type was passed to DBGETAVAIL.

Action:

The product engineering control center (PECC) should be contacted for assistance.

321. DBBADDICT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected or non-redundant office-dependent data (ODD) growth detected faulty data dictionary values.

322. DBBADDIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to access an unexpected distribution type. The relation dictionary entry for the relation is dumped. This error is typically from the generated dey bucket reorg.

323. DBBADDRL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A NULL dynamic relation dictionary entry was found when a corresponding relation dictionary entry was found to exist. The relation ID and the contents of the relation dictionary entry for that relation ID are dumped.

324. DBBADLGM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() macro received an invalid logging message in the operational kernel process (OKP) logging system process.

325. DBBADPHYSREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation dictionary and access dictionary relation IDs were not the same for a relation that needed its data pages and head pages freed. This error is typically from the DBamabort() function, and is most likely due to an OpView relation that has a dictionary problem.

326. DBBADRTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to access an unexpected relation type. The the relation dictionary entry for the relation is dumped. This error is typically from the DBqcparm() function.

327. DBBADTRGINDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range trigger function index was found in the relation dictionary. The database dictionaries are inconsistent. Call the product engineering control center (PECC) immediately for assistance.

328. DBBDDBCI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office-dependent data (UODD) growth aborted with the critical information and database manager (DBM) global parameters inconsistent. The following global parameters and symbols were not consistent with respect to each other: DBbeg_prblk, DBunblocks, Gldoddea, and Gloddsa.

329. DBBDGRSZ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Growing the office-dependent data (ODD) (unprotected, non-redundant, or redundant) by the specified size of growth resulted in an inappropriate ODD size.

330. DBBDMTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid office-dependent data (ODD) memory type was specified.

331. DB_BID_ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The block ID to be freed was out of the block ID range.

332. DBBIGTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The tuple in question was too large for the fixed space allocated for it in memory. This is a compile time problem. The tuple must be smaller or the area must be larger.

333. DBBIGVIEW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recent change (RC) logging data structure only supports views of a certain size. Larger views cannot be logged. Inhibit logging, run the view, and do a backup immediately after the view completes.

334. DBBKUPON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A redundant office-dependent data (RODD) growth was attempted while ODD backup was executing.

335. DBBPRBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the DBbeg_prblk global parameter was inconsistent with respect to the value of the DBunblocks global parameter. DBbeg_prblk should always be greater than or equal to the value of DBunblocks.

336. DBBRDATAPAGE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data pages associated with the generated key (GK) bucket reorg were not completely b_free'd. The acc_head will be NULL'ed and the MEMMAN audit will free the data pages.

337. DBBRELTTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) tried to convert a RODD relation of the wrong distribution type.

338. DBBRLMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to access an unexpected rel_mtyp type. The relation dictionary entry for the relation is dumped. This error is typically from the generated key bucket reorg.

339. DBBRSKLNNUL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data pages associated with the generated key (GK) bucket reorg should have been freed and the acc_head of the dictionary should be DBNULL, but this was not the case. The acc_head was NULL'ed and the MEMMAN audit will free the data pages.

340. DBBRTMPGKPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while retrieving the generated key (GK) for a temp_GK_store insert for the GK bucket reorg. The reorg will continue, but the tempGK entry will not be inserted into the new relation. Therefore, any insert that occurred is probably not in the relation after the reorg. The rREL_DICT tuple entry, rIACC_GK tuple entry, and the GK value that was to be inserted are dumped.

341. DBBSTACCUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) could not successfully call the DBaccup() function.

342. DBBSTBTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) could not begin a transaction on a redundant relation that needed to be converted.

343. DBBSTCONV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the redundant office-dependent data (RODD) bitmap salvage technique (BST), the BST conversion process failed.

344. DBBSTCOPY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bitmap salvage technique (BST) could not copy the redundant control office-dependent data (ODD) bitmap.

345. DBBSTDDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bitmap salvage technique (BST) could not read the BST data delivery (DD) bits.

346. DBBSTDDWR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) could not write the data delivery (DD) BST bits.

347. DBBSTOPREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) could not open a RODD relation that needed to be converted.

348. DBBSTPARMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the bitmap salvage technique (BST), the redundant office dependent data (RODD) global parameters were inconsistent.

349. DBBSTSMIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) could not inhibit interrupts for the time needed to update the RODD global parameters.

350. DBBSTTRNST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the redundant office-dependent data (RODD) bitmap salvage technique (BST), the transtart() function call to begin the update transaction failed.

351. DBBSTZBMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office-dependent data (RODD) bitmap salvage technique (BST) could not zero out the last half of the RODD bitmap in the RODD control section.

352. DBCYCLINGKBKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A cycle was detected in the bucket linked list of a generated key (GK) relation. A GK tuple on the bucket list pointed to another GK tuple that had a data content value that was less than or equal to the original GK tuple. The bucket lists for GK tuples must be kept sorted in order of increasing data content value.

353. DBDDREADF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure was received from a DDREAD() macro call during a redundant office-dependent data (RODD) or non-redundant ODD (NRODD) growth.

354. DBDDWRITEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DDWRITE() macro call failed during redundant office-dependent data (RODD) growth.

355. DBDISTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Integrity checking of a relation's distribution type failed. The distribution type did not agree with the processor that was passed in. The database manager (DBM) cannot proceed with the operation.

356. DBDNXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) set primitive DBxtsintup() failed while trying to insert tuples into the SM.

357. DB_FREE_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A user tried to free a page that had not been seized.

358. DBFRELIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupted generated key link field was found in the free list of a generated key relation.

359. DBFRINFALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while attempting to insert a generated key tuple into the free list of a generated key relation.

360. DB_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) could not fill the request for blocks of unprotected memory in the dynamic office-dependent data (ODD). The block ID for the request that could not be filled is dumped. Stop all recent changes (RCs) and call the product engineering control center (PECC) for assistance.

361. DBGCBADFIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) system process received a termination message from the generated key collection and compression routine (GKCCR); however, the terminal process was still alive when a new terminal process was being created.

362. DBGETBFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to allocate an operating system (OS) buffer failed. The error code DBRESOURCE was returned. This may result in the failure of one of the *UNIX*[®] processes that interfaces with the database manager (DBM); such as, recent change (RC), office database editor (ODBE), remote memory access system (RMAS), Office Records, or TASC.

If this assert appears frequently, contact the product engineering control center (PECC).

363. DBGK24TIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The generated key collection and compression routine (GKCCR) was inhibited for over 24 hours. GKCCR is

recommended at least once in 24 hours. Allow the GKCCR via ALW:GKCCR or manually execute it via EXC:GKCCR.

364. DBGKCQUEFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The generated key collection and compression routine (GKCCR) was queued for an excessive amount of time behind concurrent primitives on the same generated key relation or behind the office-dependent data (ODD) backup.

365. DBGKCRLOSS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A generated key (GK) relation's reverse index relation was recreated. This may lead to a temporary disruption of the GK link fields until the GK collection routine executes. The invalid link fields will not affect read accesses of the GK relation, but may lead to GK tuples with duplicate data field content.

In addition, MEMMAN audits may appear because the previous head table of the reverse index relation was discarded. The relation dictionary, access dictionary of the GK relation, and access dictionary of the reverse index relation are dumped.

366. DBGKCSYSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While operating on a generated key relation, an unexpected system error was found.

367. DBGKFCORPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while traversing or inserting into the free list of a generated key relation. This includes corruption of dbaccgk[.acc_freegk, the start of the generated key free list.

368. DBGKNOTONFREE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to remove a generated key tuple from the free list of a generated key relation when the generated key tuple was determined to not actually exist on the free list.

369. DBGKRETErr (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when attempting to translate a generated key into a physical address.

370. DBGTGRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read DBgrwstate which is located in /no5text/rcv.

371. DBHDNTDUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an unprotected or non-redundant office-dependent data (ODD) growth, the growth process was unable to duplicate a relation's head table.

372. DBINITDDBD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process could not read or write the DDUNGRW bits or DDNREDGRW bits during initialization of these bits.

373. DBINVMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Redundant office-dependent data (RODD) growth received an invalid message.

374. DBINVRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Redundant office-dependent data (RODD) growth detected an invalid return from a function.

375. DBLGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A logging attempt failed at the end of the generated key (GK) bucket reorg function. The reorg will commit, but will not roll forward to the standby CMP. The output message provides the relation ID that reorg failed on.

Action:

To preserve the reorg, backup the CMP or manually execute the reorg on the standby CMP using ACCED on that specific relation.

376. DBLGTMPSPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Insufficient temporary recent change (RC) log space was available to hold the tuple changes associated with the transactions in progress. Possibly, a single transaction was too large to log, or a set of concurrent transactions collectively consumed too much temporary log space. Try running large views in sequence with no other RC traffic.

377. DBLGTOTAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The total amount of logging data kept in disk buffers, DBlg_inbuf, was not equal to the sum of the logging data over all active transactions.

378. DBLOSTLM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A loss logging message occurred in the operational kernel process (OKP). This transaction was aborted.

379. DBMAXVIRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of virtual relation IDs which can be placed in a relation list was exceeded during an office-dependent data (ODD) growth.

380. DBMISGKPAG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data page with generated keys less than or equal to the value of the acc_lastagk attribute in the dbaccgk dictionary was missing in a generated key relation.

381. DBMODABN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The first remote SM (RSM) being grown in an office and one or more SMs or host SMs (HSMs) were out of service (OOS) or abnormal.

382. DBMODACC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the source modules access dictionary entry for a relation, or failed to update the growth modules access dictionary entry for a relation.

383. DBMODITUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the growth module. The relation name and tuple number are reported on the receive only printer (ROP).

384. DBMODNXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) primitive DBxrdnxt() failed while trying to read the next tuple in the RLRT_DNMOD relation.

385. DBMODOREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to open a relation on the source module or the growth module.

386. DBMODRTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple from the source module. The relation name and tuple number will be reported on the receive only printer (ROP).

387. DBMODTBGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to begin a transaction on either the source or growth module.

388. DBMODXSRDFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) primitive DBxrdfst() failed while trying to read the RLRT_DNMOD relation.

389. DBMSZDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Memory Forecasting Tool has failed due to invalid data in one of its data files.

390. DBMSZMALLOC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Memory Forecasting Tool has failed due to a failing return code from the malloc() system call.

391. DBMSZUDICT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Memory Forecasting Tool has failed due to unexpected data in the *UNIX*[®] version of the database dictionaries.

392. DBMVCACH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to move blocks of tuple cache structures during unprotected office-dependent data (UODD) growth.

393. DBMVGRFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to move blocks of data during a non-redundant or unprotected office-dependent data (ODD) growth.

394. DBNFNDTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not locate the transaction ID of the current process, but the current operation is supposedly part of a transaction primitive.

395. DBNMSGRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-redundant office-dependent data (NRODD) growth did not receive a response to a message from the AM process.

396. DBNR2HSHUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the values of all hashsums for the redundant office dependent data (RODD) following a non-redundant ODD (NRODD) growth move into the commit state.

397. DBNR95_FULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a growth process, the non-redundant office-dependent data (NRODD) reached 95% full or more.

398. DBNRADDMEM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-redundant office-dependent data (NRODD) growth failed because SM memory must be grown before the ODD can be grown. The receive only printer (ROP) output message indicates that memory must be added.

399. DBNRBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-redundant office-dependent data (NRODD) growth received an invalid message from the AM growth process or

received an unknown source.

400. DBNRBSTRUN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a non-redundant office-dependent data (NRODD) growth, the bitmap for the redundant ODD (RODD) must be cleaned up causing the NRODD growth to stop or abort. The receive only printer (ROP) output message indicates that the bitmap salvage technique (BST) must be run.

401. DBNRCIBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The non-redundant office-dependent data (NRODD) growth aborted with the critical information and database manager (DBM) parameters inconsistent.

Any or all of the following global parameters and symbols may not be consistent with respect to each other: DBrphysblks, DBphysblks, DBrblk, DBrszblk, Glroddea, Glroddsa, Gloddsa, Gloddea, DBrpreblks.

402. DBNRDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a non-redundant office-dependent data (NRODD) growth, integrity checks revealed that a prior stop or abort left the parameters in an inconsistent state. Redundant data in the new growth area remains in that area. It is not known which parameters are correct.

403. DBNRDBCI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The non-redundant office-dependent data (NRODD) growth stopped. The critical information and the database manager (DBM) global parameters are consistent, but the hashsums over the redundant ODD (RODD) and the NRODD may be incorrect.

404. DBNRHSHUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the values of hashsums for the non-redundant office dependent data (NRODD) growth following an NRODD growth moving into the commit state.

405. DBNRMEMREC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During non-redundant office-dependent data (NRODD) growth, integrity checks revealed an inconsistency in system integrity (SI) global parameters or in the database (DB) ODD parameters. This problem may be the result of a prior growth attempt that failed. The parameters could not be updated and recovered.

406. DBNRNOSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The non-redundant office-dependent data (NRODD) growth in the SM could not send a message to the AM process. The message buffer is dumped to the receive only printer (ROP).

407. DBNRPARMBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a non-redundant office-dependent data (NRODD) growth, the database (DB) ODD parameters or the system integrity (SI) global parameters were inconsistent and could not be recovered. This ODD growth must be aborted.

408. DBNRSMTMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM non-redundant office-dependent data (NRODD) growth process timed out after failing to receive a message or an acknowledgement from the AM during the NRODD growth.

409. DBNSMCMTMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM non-redundant office-dependent data (NRODD) growth terminal process requested permission from the AM child NRODD growth process to begin the NRODD growth commit, but the message timed out.

410. DBNUNTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The current process had multiple transactions open; it was not possible to know which transaction should be used.

411. DBOPNOSUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid database primitive was attempted on a relation with a relation type that did not support the type of operation specified; for example, an update on a read-only relation.

412. DBOPVINCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database inconsistency was encountered while assembling the pieces of a virtual relation tuple. A parent relation tuple(s) contained a key that did not exist in the child relation. The child relation ID and the keys are dumped.

413. DBPARGTLAST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple in a parent relation of a child generated key relation was found to contain a generated key attribute value greater than the last allocated generated key (acc_lastagk in the dbaccgk dictionary) for that child generated key relation.

414. DBPARPTBADGK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple in a parent relation of a child generated key relation was found to contain a generated key reference to a corrupted generated key tuple in the child relation.

415. DBPARTCMT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the second phase of a transaction commit, the transaction timed out or the global database manager (GDBM) did not receive all of the replies from all affected SMs. The DBM will abort the transaction and clean up the database.

416. DBPOPDNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to populate the RLRT_DNTRAN relation in the new SM failed.

417. DBPRDNTAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function that populates the RLPR_DNTRAN relation in the growth or conversion process failed. The relation could not be populated.

418. DBPRNXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) set primitive DBxstintup() failed while the RLPR_DNTRAN relation was being populated on the growth or converted SM.

419. DBPRXSRDTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) set primitive DBxsrdtup() failed while the RLPR_DNTRAN relation was being populated.

420. DBR95_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a growth process, the redundant office-dependent data (RODD) reached 95% full or greater.

421. DBRFREOTPA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Before creating a new reorg terminal process, the rollforward CMP terminal process discovered that a previous rollforward owned reorg terminal process was still alive. The previous process will be destroyed before a new one is created.

422. DBRGABTD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A redundant or non-redundant office-dependent data (ODD) growth was inhibited due to an inconsistency between the incore and the disk size of the redundant ODD.

423. DBRGCLOSF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrdcoff() function failed to close the common object file format (COFF) file.

424. DBRGHMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was received from the HMoutmsg() function during redundant office-dependent data (RODD) growth.

425. DBRGINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SM was initialized after a redundant office-dependent data (RODD) growth occurred, but before the RODD was backed up. The SM tried to perform a "fast growth" in the DBinit() function, but this failed. The size of the RODD in the SM that initialized could be inconsistent with the rest of the SMs.

426. DBRGOPENF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrdcoff() function failed to open a common object file format (COFF) file.

427. DBRGRCVRY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A redundant or non-redundant office-dependent data (ODD) growth found an inconsistency between the incore and the disk size of the redundant ODD. The growth recovered from the error and continued.

428. DBRGREADF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrdcoff() function failed to read the common object file format (COFF) file.

429. DBRGSEEKF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrdcoff() function received failure from the fseek() function.

430. DBRGSGRWF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to create the SM terminal process during a redundant office dependent data (RODD) growth.

431. DBRLDCBRL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A relation ID in the relation dictionary was incorrect.

432. DBRLSBFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to release operating system (OS) buffer resources failed. This failure was not expected and may indicate corruption in the program stack. The database (DB) recent change (RC) process will be terminated.

Save information related to this error and contact the product engineering control center (PECC).

433. DBRNUMBD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an unprotected or non-redundant office-dependent data (ODD) growth, an attempt to move data corresponding to an invalid relation dictionary tuple offset occurred.

434. DBRSMOREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The open relation primitive call in the DBrsmbgn() function failed.

435. DBSA2LONG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Too much time elapsed since the stand alone conversion routine received a message in the operational kernel process (OKP).

436. DBSACDNTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the RLRT_DNTRAN relation during stand alone conversion.

437. DBSACOREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to open a relation during stand alone conversion.

438. DBSACSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An insert database set primitive failed.

439. DBSACTBGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A begin transaction failure occurred during stand alone conversion.

440. DBSACTEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An end transaction failure occurred during stand alone conversion.

441. DBSACTUPNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database set primitive returned an incorrect tuple count during stand alone conversion.

442. DBSACUGPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update a global parameter during stand alone conversion.

443. DBSACUREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown source relation for directory number (DN) translation data was given during stand alone conversion.

444. DBSADNMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During stand alone conversion for an SM, the routing module tuple for a given directory number (DN) could not be obtained from the RLRTDNMOD relation. The DBxrdtup() function failed.

445. DBSAENMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not send message to the stand alone conversion *UNIX*® process from the operational kernel process (OKP).

446. DBSAGPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A global parameter routine failed.

447. DBSAINVMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an invalid message in the stand alone conversion process in the operational kernel process (OKP).

448. DBSANOMATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The *UNIX*® mate process, which sends messages to the current operational kernel process (OKP) conversion process, did not exist.

449. DBSDWTDFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not send or receive a message. An unexpected return code was returned after calling a message primitive.

450. DBSIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the Sloddgrow() function failed during an unprotected or non-redundant office-dependent data (ODD) growth.

451. DB_SIZE_ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The size parameter input to the DBb_free() or DBb_seize() function was too large or zero. The error return code was DB_SIZE_ERR.

452. DBSMCMTMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM unprotected or non-redundant office-dependent data (ODD) growth terminal process requested permission from the AM child process to begin the commit state of the growth, but the message timed out.

453. DBSNPCORPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The growth snapshot table contained corrupted data values.

454. DBSNPOVFLW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected or non-redundant office-dependent data (ODD) growth relation snapshot table was full and unable to store additional information on access dictionary reader transaction versions.

455. DBSNPVER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected or non-redundant office-dependent data (ODD) growth failed while attempting to verify the contents of the relation snapshot table.

456. DBSTGRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to set szb4grow in /no5text/rcv/DBgrwstate with the new size of the RODD.

457. DBSZFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error has occurred in the DBsizing() process used by the memory forecasting tool.

Action:

The product engineering control center (PECC) should be contacted for assistance.

458. DBTRIGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A trigger function failed during the commit or uncommit phase of a transaction. The office equipment status is inconsistent with the desired update. The output message includes the name of the relation that had the trigger error and the phase in which the failure occurred.

459. DBTX1FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Modgrw did not finish copying any relations. Restart modgrw to continue.

460. DBTX2FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Modgrw finished copying RLDB_AMGPD grouptypes, GPDAM_SA_RED and GPD_PART. Restart modgrw to finish copying.

461. DBTX3FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Modgrw has finished copying RLDB_AMGPD grouptypes and GRP_PART data. Restart modgrw to complete copying.

462. DB_TYP_ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the DBb_seize() function parameters indicates the type of data to be seized. A type other than protected or unprotected was entered.

463. DBUGBADMG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office-dependent data (UODD) growth process received an invalid message.

464. DBUGDBCI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office-dependent data (UODD) growth stopped. The critical information and the database manager (DBM) global parameters are consistent, but the hashsums over the non-redundant data may be incorrect.

465. DBUGSHUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the values of all hashsums for the non-redundant office-dependent data (NRODD) following an

unprotected ODD (UODD) growth move into the commit state.

466. DBUGNOCRTRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBsysim OSCREATE of GLPGUGRW has the new process number new_pid.procno less than 0 in DBsys.c from function DBsysim

467. DBUGNOSND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM unprotected office-dependent data (UODD) growth terminal process could not send a message to the AM UODD growth child process.

468. DBUGSMTMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM growth process timed out after failing to receive a message or an acknowledgement from the AM.

469. DBUMSGRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received.

470. DBUPDCFAIL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a database (DB) function when the ST:ODDUPD input message or the ST:UPDMHGTRKG input message was executed while growing a multi-module remote switching module (MMRSM) site.

The message structure for the data dumped is aaaaaa FAILURE where:

- aaaaaa is ODDUPD for the ST:ODDUPD input message or UPDMHG for the ST:UPDMHGTRKG input message.
- bbbbbbbbbbbbbb is the name of the DB function returning the error.
- c is the return code from the DB function.
- dddddddddddd is the name of the DB relation involved.
- e is the number (decimal) of the tuple in the relation.
- f is the MMRSM site number (decimal).
- g is the processor module number (decimal). 0=AM

A value of -1 for any field indicates either unknown data or irrelevant data.

Action:

The product engineering control center (PECC) uses this information to locate the cause of the DB problem when growing an MMRSM.

471. DBUPDCFAIL (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a database (DB) function when the ST:ODDUPD command or the ST:UPDMHGTRKG command was executed while growing a multi-module remote switching module (MMRSM) site.

The message structure for the data dumped is aaaaaa FAILURE where:

- aaaaaa is ODDUPD for the ST:ODDUPD command or UPDMHG for the ST:UPDMHGTRKG command.
- bbbbbbbbbbbb is the name of the DB function returning the error.
- c is the return code from the DB function.
- dddddddddddd is the name of the DB relation involved.
- e is the number (decimal) of the tuple in the relation.
- f is the MMRSM site number (decimal).
- g is the processor module number (decimal). 0=AM

A value of -1 for any field indicates either unknown data or irrelevant data.

Action:

The product engineering control center (PECC) uses this information to locate the cause of the DB problem when growing an MMRSM.

The appropriate action will the relation in question (field "d") into a file. Then the

472. DBUPDDKEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A duplicate key error code was returned from a DBgintup() primitive call.

473. DBUPDDTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a DBgdlutp() primitive call. This error could be any of the errors defined in the file db/DBtladefs.h.

474. DBUPDEMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No remote switching modules (RSMs) were found in the multi-module RSM (MMRSM) site. No RSMs were assigned to the RLCLIDAT relation.

475. DBUPDGLTRG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the DBupgparm() function which was called within the DBclidatrg() envelope trigger function.

476. DBUPDITUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a DBgintup() primitive call. This error could be any of the errors defined in the file db/DBtldefs.h.

477. DBUPDOREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the DBopnrel() function while opening a database relation.

478. DBUPDRFTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a DBxrdfst() or DBxrdnxt() primitive call. This error could be any of the errors defined in the file db/DBtldefs.h.

479. DBUPDRTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the DBxrdtup() or DBgrdtup() primitive. This error could be any of the errors defined in the file db/DBtldefs.h.

480. DBUPDSITRG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the Slclidatrg() trigger function within the envelope trigger function DBclidatrg().

481. DBUPDSMTRG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the SMclidattrg() trigger function within the DBclidattrg() envelope trigger function.

482. DBUPDTBGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a DBxbgntrn() function call while beginning a database (DB) transaction.

483. DBUPDTEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the DBendtrn() function call while committing an update transaction.

484. DBUPDUTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from a DBxuptup() primitive call. The error could be any of the errors defined in the file db/DBtladefs.h.

485. DBUSDONFRE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A generated key tuple marked as being referenced by other parent relation tuples was found to exist on the free list of a generated key relation.

486. DBWLGFUN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid logging function occurred in the operational kernel process (OKP) logging system process. This assert triggers another assert that indicates a loss message must be fired. Verify the in-queue message.

487. DBWT2LG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office-dependent data (UODD) growth queued to receive exclusive write-permission for a relation, was forced to wait too long for another transaction on the same relation to finish.

488. DBWTIDBD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect relation dictionary tuple offset was found in an entry in the unprotected or non-redundant office-dependent data (ODD) growth relation waiting list data structure.

489. DBWTLFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred involving the unprotected or non-redundant office dependent data (ODD) growth relation waiting list. Probably, the relation waiting list was full.

490. DBXSINSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An insert set primitive call failed.

491. DBXSRDFSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read first set primitive failed.

492. DBXSRDNSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in a database (DB) read next set primitive call.

493. DBXSRDSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code was received from a database (DB) read set primitive.

494. DBXTRAGKPAGS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data page or intermediate data page existed in a generated key (GK) relation beyond the data page allocated to the acc_lastagk GK tuple.

495. DBXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the set primitive DBxtsintup() failed while trying to insert tuples into the SM.

496. DHSH_OVFL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Dynamic Hashed relation has reached its maximum insert depth.

Data Structures:
relid, insert_depth, headtable_index.

Action:
Manual reorganization needed, contact local field support.

Range: dbkup**1. BKAMODDGONE (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During recovery of the AM office dependent data (ODD) after an AM ODD backup failed, the official AM ODD is missing. When this happens, the amcmpodd.scr file may or may not contain the correct AM ODD. It is best to recover the AM ODD from tape.

2. BKCMPFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office dependent data (ODD) backup received an abort message from fault recovery to abort CMP ODD backup. If the ODD backup was on the active CMP and the active CMP is going to be pumped, then an immediate abort of the CMP backup will occur. The ODD files will be in an inconsistent state until fault recovery sends a reply message to continue, then backup control can clean up the files.

If the fault recovery message was received and the standby CMP is going to be pumped, and the ODD backup is in the setup or backup phase, then the ODD backup will be aborted. ODD backup will be allowed to complete if it is in the commit phase and the standby CMP is going to be pumped.

3. BKCMPINH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMP office dependent data (ODD) backups are prohibited at this time. Backup control is waiting for a restart message from fault recovery before ODD backup will be allowed on the AM or CMP.

4. BKFRNOMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Backup control received a message from fault recovery and did not receive a subsequent message in the allocated time frame. As a result, the office dependent data (ODD) files for the CMP will be recovered automatically by backup control.

5. DBAMODDSZE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM office dependent data (ODD) was grown beyond the 6 megabyte limit. This AM ODD growth is aborted. Try growing the AM ODD by a smaller amount.

6. DBAMSCRBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM, CMP, and scratch office dependent data (ODD) files are not correctly linked. Manual intervention is necessary. Check that the AM ODD file is 6 megabytes, the CMP ODD file is 8 megabytes, and the scratch ODD file

for the AM and CMP is 8 megabytes. These sizes do not include the size of the common object file format (COFF) header.

Insure that there is only one file link to each of these ODD files. Any ODD files that are missing must be recreated. If the AM or CMP ODD needs to be recreated, a tape recovery will be necessary unless the data in the scratch ODD file is correct for the respective recreated ODD.

7. DBBDMEMBRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ODDCREATE feature found an invalid memory board type in the RLMODATT relation.

8. DBBKABORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an office dependent data (ODD) backup, more than one link to the scratch file was found. ODD backup was unable to locate the file that is linked to the scratch file. ODD backup is aborting, since trying to use the scratch file may overwrite another SM's ODD.

Seek immediate technical assistance from the appropriate support organization before attempting another backup.

9. DBBKACTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found for the parameter DBactblks.

10. DBBKALLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office dependent data (ODD) backup received a failure return code from the falloc() function.

11. DBBKAMGRW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM office dependent data (ODD) growth data delivery (DD) bit was set and prohibited the AM ODD backup from continuing without first doing an AM initialization. Refer to the AM ODD growth procedures.

12. DBBKATMSW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The fmatomsw() function failed during an AM office dependent data (ODD) backup or AM ODD growth. The official file is guaranteed to exist even when fmatomsw() fails. It may be necessary to correct the AM ODD to ensure that it is not in the ODD scratch file.

Check the size of /no5odd/data0/cpodd.out using the fsize() function. If the size is greater than 6 megabytes plus the

size of a common object file format (COFF) header, then the official file must be copied to a new contiguous file. Change the name of the official file to amcmpodd.scr and the newly created file to cpodd.out.

13. DBBKBADMSG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interface module backup process (IMBP) has detected a corrupted message while backing an SM ODD. The NRODD backup in progress was aborted and the ODD backup process will continue to backup the remaining processor ODDs. The processor where ODD backup was aborted will be backed up at the next scheduled backup or can be backed up manually.

14. DBBKBCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The critical information (CI) file contains the beginning and ending addresses of office dependent data (ODD) sections. The CI file sizing information for the ODD was incorrect.

15. DBBKBCIHS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the critical information (CI) hash file.

16. DBBKBFIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. Invalid data was found in a file.

17. DBBKBGD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. Invalid global data was encountered.

18. DBBKBHSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. Invalid data was found in a hash file.

19. DBBKBLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an office dependent data (ODD) backup, a scratch file had more than one link to it. The scratch file is either the ODD, the ODD hashsum, the critical information (CI) file, or the CI hashsum file. This means that a previous ODD backup aborted without cleaning up the links. ODD backup will attempt to locate the file that is linked to the

scratch file and restore the links to their normal state. If the file can not be found, the backup will abort.

20. DBBKBODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. Invalid data was found in an ODD file.

21. DBBKBOU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. An invalid output was found.

22. DBBKBP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. An invalid process was passed to AM backup. The process is terminated.

23. DBBKBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A backup of an illegal or non-existent section number was attempted within an office dependent data (ODD) or ODD hashsum backup common object file format (COFF) file.

24. DBBKBSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During office dependent data (ODD) backup, invalid data was found in an SM state file.

25. DBBKCLRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. ODD backup finished backing up the AM ODD or an SM non-redundant ODD (NRODD) and could not remove the customer originated recent change (CORC) log file associated with the processor being backed up. If this problem occurs in the AM ODD, remove the /log/cpcorc file. If this problem occurs in the SM NRODD, remove the /smlog/imxxxcorc file where xxx is the number of the processor being backed up.

26. DBBKCLRL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. ODD backup finished backing up the AM ODD or an SM non-redundant ODD (NRODD) and could not remove the partition log file for the processor. If this problem occurred

in the AM ODD, remove the /log/cplog file. If this problem occurred in the SM NRODD, remove the /smlog/imxxxrc file, where xxx is the number of the processor being backed up.

27. DBBKCREAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A create failed.

28. DBBKDACTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found for the parameter DBdactblks.

29. DBBKDDBST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid DDBST (bitmap salvage technique status) value was encountered.

30. DBBKDDNGRW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid DDNREDGRW (non-redundant SM growth indicator) value was encountered.

31. DBBKDDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A data delivery (DD) read failed.

32. DBBKDDW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A data delivery (DD) write failed.

33. DBBKDSK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in an office dependent data (ODD) disk bit map.

34. DBBKDSKSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During office dependent data (ODD) backup, the falloc() function found that there was not enough disk space to

complete the backup.

35. DBBKFOpen (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. The Fopen() function failed.

36. DBBKFRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLSCONF relation using fast read.

37. DBBKFSANF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. The Fscanf() function failed.

38. DBBKHMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. The HMoutmsg() function failed.

39. DBBKLCALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. The lcall() function failed.

40. DBBKLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A link failed.

41. DBBKMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in an office dependent data (ODD) bit map.

42. DBBKMount (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A mount failed.

43. DBBKNA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. No acknowledgement was received.

44. DBBKNOPART (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No office dependent data (ODD) partition number was found.

45. DBBKNOISM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No operational SMs were found when trying to backup the redundant office dependent data (RODD).

46. DBBKNOTFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic (unprotected) office dependent data (ODD) growth (ST:U-ODDGRW) occurred since the last ODD backup. Therefore, only a full backup may be executed; a differential backup should automatically escalate to a full-differential backup. A full or full-differential backup is required because the entire backup ODD common object file format (COFF) file must be overwritten with the complete SM static (protected) ODD contents.

An error occurred because the interface module backup process (IMBP) was called with a differential type of backup. It should have previously escalated to a full-differential backup.

47. DBBKNU LINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During office dependent data (ODD) backup, the wrong number of links to an SM file was encountered. The number of links was too high.

48. DBBKODDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The start address of the SM static (protected) office dependent data (ODD) was greater than the start address value for the SM static ODD found in the ODD backup common object file format (COFF) file. Since a dynamic (unprotected) ODD growth (executed using the input message ST:U-ODDGRW) has not occurred since the last backup of this ODD, the starting address of the static ODD (as determined by the AM interface module backup process [IMBP]) is assumed to be in error.

49. DBBKODSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The start address of the SM static (protected) office dependent data (ODD) was not a multiple of the size of the largest seizable data page (from the DBb_seize() function). The largest seizable page size is given by the #define DBMAXSIZE.

50. DBBKOPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. Could not open a file.

51. DBBKPROC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the global variable DBcurim was not set to a valid SM or CMP. The variable was returned from the DBbcnxtim() function.

52. DBBKREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. Could not read a file.

53. DBBKRECV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. An invalid message was received.

54. DBBKSEEK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. Could not find the first section header.

55. DBBKSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. An invalid send message process occurred.

56. DBBKSK2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the backup office dependent data (ODD) or the ODD hashsum common object file format (COFF) file, the backup process was unable to seek to the second section header.

57. DBBKSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A failure occurred in a stat() function call.

58. DBBKTMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A timeout occurred while an ODD backup function was waiting for a message. This problem was probably caused by a link failure.

59. DBBKULINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. An unlink failed.

60. DBBKUMOUNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. An unmount failed.

61. DBBKVCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. A volume copy failed.

62. DBBKVTOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) backup error occurred. Invalid data was found in the /dev/vtoc file.

63. DBBKWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. Could not write to a file.

64. DBCMPHSHBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP office dependent data (ODD) hash files were corrupted. Manual intervention is necessary. Determine if the CMP official, scratch, and/or temporary hash files are in the directory /no5odd/data0. The temporary hash sum file should not be in place at this time. Check the number of links to the official and scratch hash files. After the hash file corruption is corrected, the hash sum files need to be regenerated for the CMP.

65. DBCMPSTBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office dependent data (ODD) backup for the CMP failed because the status of the active or standby CMP is not suitable at this time. Possibly, the standby CMP is being pumped and removal of the log file by ODD backup would create an inconsistency in the active and standby ODDs. Another possibility is that no CMP is active at this time.

66. DBGR1AIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the aimrc file. Check the status of the affected processor and retry.

67. DBGR1MOU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to mount the /dev/no5odd1/ partition as no5odd. Check the partitions and the aimrc file, and retry.

68. DBGR2MOU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not mount the /dev/no5odd2/ partition as no5odd. Check the partitions and the aimrc file, and retry.

69. DBGRAIMOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to open the aimrc file. Check the status of the affected processor and retry.

70. DBGRBSCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The section size does not equal the office dependent data (ODD) size. Check the status of the affected processor and retry.

71. DBGRCLOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to close an office dependent data (ODD) file. Check the status of the affected processor and retry.

72. DBGRCREAT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to allocate enough space for the office dependent data (ODD). Check the partition size. If the partition is full, contact your next level of support. Otherwise, check the status of the affected processor and retry.

73. DBGRDDSR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the backup status bit. Check the affected processor and retry.

74. DBGRDDW2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to set the ODDGRW flag. Check the status of the affected processor and retry.

75. DBGRDDWR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to clear the status bit for growth. Check the status of the affected processor and retry.

76. DBGRFOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to open an office dependent data (ODD) file. Check the status of the affected processor and retry.

77. DBGRFSEK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to find the file head in the common object file format (COFF) header. Check the status of the affected processor and retry.

78. DBGRGPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the partitions. Check the partitions and retry.

79. DBGRHM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred. The command processor was not started. Retry the office dependent data (ODD) growth command.

80. DBGRHMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a human machine (HM) output message. Check the status of the affected processor and retry.

81. DBGRLDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the office dependent data (ODD) common object file format (COFF) header. Check the status of the affected processor and retry.

82. DBGRLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the section size from the common object file format (COFF) header. Check the status of the affected processor and retry.

83. DBGRLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while updating the aimrc file. Check the aimrc file and the status of the affected processor, and retry.

84. DBGRM1SCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to mount the /dev/no5odd1/ partition as scrodd. Check the partitions and the aimrc file, and retry.

85. DBGRM2SCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to mount the /dev/no5odd2/ partition as scrodd. Check the partitions and the aimrc file, and retry.

86. DBGRMNT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to mount a partition as /no5odd/. Check the status of the affected processor.

87. DBGRMODD2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to unmount the /dev/no5odd2/ partition. Check the partitions and retry.

88. DBGRMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to enable a message. Check the status of the affected processor and retry.

89. DBGRNGMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send output messages.

90. DBGRNUODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while writing to an office dependent data (ODD) file. Check the status of the affected processor and retry.

91. DBGROPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to open an office dependent data (ODD) file. Check the status of the affected processor and retry.

92. DBGRPAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to pad an office dependent data (ODD) file. Check the status of the affected processor and retry.

93. DBGRPAR2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the office dependent data (ODD) partitions. Check the partitions and retry.

94. DBGRPART (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the /no5text/rcv/aimrc file; the office-dependent data (ODD) partition was not found. Check the aimrc file and retry.

95. DBGRPART (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the /etc/aimrc file; the office dependent data (ODD) partition was not found. Check the aimrc file and retry.

96. DBGRPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to connect the port. Check the status of the affected processor and retry.

97. DBGRRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to copy a file correctly. Check the status of the affected processor and retry.

98. DBGRRDAIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the aimrc file. Check the status of the affected processor and retry.

99. DBGRRDMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the global parameter Glmem_sze. Check the status of the affected processor and retry.

100. DBGRRDPHYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the global parameter DBphysblks. Check the status of the affected processor and retry.

101. DBGRRDPRB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the global parameter DBprblocks. Check the status of the affected processor and retry.

102. DBGRREC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to receive a message. Check the status of the affected processor and retry.

103. DBGRRPHYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the global parameter DBphysblks. Check the status of the affected processor and retry.

104. DBGRSCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to find an office dependent data (ODD) partition in the aimrc file. Check the aimrc file and retry.

105. DBGRSYS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system call failed. Check the partitions and the status of the affected processor and retry.

106. DBGRSYS2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system call failed. Check the partitions and the status of the affected processor and retry.

107. DBGRUMODD1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to unmount the /dev/no5odd1/ partition. Check the partitions and retry.

108. DBGRWIMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the office dependent data (ODD) memory size. Check the status of the affected processor.

109. DBGRWIPHYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBphysblks global parameter was not consistent before update. Check the status of the affected processor.

110. DBGRWODMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the office dependent data (ODD) memory size. Check the status of the affected processor and retry.

111. DBGRWODPHYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the DBphysblks global parameter.

112. DBGRWRIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write a file correctly. Check the status of the affected processor and retry.

113. DBGRWSCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the size in the common object file format (COFF) header. Check the status of the affected processor and retry.

114. DBG TGWST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Backup could not read the DBgrwstate file in the /no5text/rcv directory.

115. DBRIMGEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The "rimgen" tool failed to complete successfully when a backup of the relocatable image map (RIM) was required.

Action:

Run the /usr/bin/rimgen tool manually from the user *UNIX*[®] terminal with the verbose ("-v") option. Next, retry the office dependent data (ODD) backup that previously failed. Contact next level of support on the observance of any error messages.

116. DBRPTRCOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a non-redundant office dependent data (NRODD) backup, the common object file format (COFF) header file for the NRODD had a value that is not consistent with the value in the SM whose NRODD is being backed up to disk. This may have been caused by a failed NRODD growth in this SM or by corruption in the COFF header of the disk ODD file.

Seek immediate technical assistance from the appropriate support organization.

117. DBSTGWST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Backup could not set the szb4grw (actual number of bytes before growth) value to zero in the DBgrwstate file in the /no5text/rcv directory.

Range: dcmap**1. BXSABTFL (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsabort() function failed to abort a BX.25 session.

2. BXSACKFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsack() function failed to verify the correctness of the message passed to this function.

3. BXSACPTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsaccept() function failed to accept an incoming session establishment offer from a remote user.

4. BXSATTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsattach() function failed to attach to a BX.25 session layer.

5. BXSCLOFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxskclose() function failed to close a BX.25 session layer.

6. BXSCONFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsconnect() function failed to connect a BX.25 session.

7. BXSDETFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsdetach() function failed to detach a BX.25 session.

8. BXSDISFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsdconnect() function failed to disconnect a BX.25 session.

9. BXSOPNFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxskopen() function failed to open a BX.25 session layer.

10. BXSQUEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxquery() function failed to query a BX.25 session indications.

11. BXSRCVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsreceive() function failed to receive a message.

12. BXSREFFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxsrefuse() function failed to refuse a session establishment request.

13. BXSSNDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxssend() function failed to send data.

14. BXSXSDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bxxsxsend() function failed to send expedited data.

15. CMAPABTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor data link (APDL) abort failed.

16. CMAPAROOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An array index is out of range.

17. CMAPBADCASE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid switch case was found.

18. CMAPBFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Not used.

19. CMAPBFFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Access buffer full status was returned by the bxsreceive() function.

20. CMAPBINDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Not used.

21. CMAPBLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A link number is not in the range of valid link numbers.

22. CMAPBMCCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A master control center (MCC) indicator marked as valid was actually invalid.

23. CMAPBPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A remote session partner made a session connect request, but offered unacceptable session parameters.

24. CMAPBXFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No communication occurred between the application processor data link (APDL) and the BX.25 session layer.

25. CMAPCNFGFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A configure library function failed.

26. CMAPDBBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid data was found in the office dependent data (ODD).

27. CMAPDBFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A database primitive failed.

28. CMAPDDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A data delivery primitive failed.

29. CMAPDMSGFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Unable to send or receive a DMERT message.

30. CMAPDXTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The application processor data link (APDL) found an error in the dynamic communications kernel process (CMKP) translation table.

31. CMAPECDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid equipment configuration data (ECD) was found by the BX.25 session layer library functions.

32. CMAPECDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An equipment configuration data (ECD) function call failed.

33. CMAPESCLFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor data link (APDL) request to the application integrity monitor (AIM) for escalation failed.

34. CMAPEVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An application processor data link (APDL) failed to send the event.

35. CMAPEXTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason code was encountered for the CMapexint() function.

36. CMAPHMFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor data link (APDL) failed to update the master control center (MCC) because of a human/machine (HM) primitive failure.

37. CMAPINTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason code was encountered for the CMapinteg() function.

38. CMAPKFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An application processor data link (APDL) fault was encountered because of a software error.

39. CMAPLLISTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the link list.

40. CMAPLSTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in the link status table.

41. CMAPNOOPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Not used.

42. CMAPRTSFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No path was defined to the SMaprts() *UNIX*® process.

43. CMAPSENDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Not used.

44. CMAPSXTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor data link (APDL) found an error in the static communications kernel process (CMKP) translation table.

45. CMAPTTYFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor data link (APDL) failed to output a tty message because of human/machine (HM) primitive failures.

46. CMAPUNEQIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unequipped link exists in an rICMAPDATA tuple in the office dependent data (ODD).

Range: dcmdrv**1. CMAUADMA (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM foundation peripheral controller (FPC) handler could not assign a direct memory access (DMA) job number.

2. CMAUCMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid completion message was returned from a peripheral interface controller (PIC) job request.

3. CMAUIOOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid operation code was encountered for a peripheral interface controller (PIC) request.

4. CMAUMTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM foundation peripheral controller (FPC) handler received a message with an invalid subtype, possibly corrupted.

5. CMAUNDST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The destination DMERT process is not attached to a port.

6. CMAUNOOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching in the AM (OSDS-C) is not attached to a port.

7. CMAUNORG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DMERT process sending a message is not attached to a port.

8. CMAUNUCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Messages are being lost because no unit control blocks (UCBs) are available (Gem_link, mtc_in_progress = yes).

9. CMAUPJOB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in the peripheral interface controller (PIC) job queue push when the pushq1() function was called. The job queue may be full.

10. CMAUPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM foundation peripheral controller (FPC) handler could not attach to a port.

11. CMAUQFLL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message queue was full. The message was probably lost.

Range: dcmkp**1. CMAUKPMT (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communications kernel process (CMKP) had a corrupt or invalid message subtype that was found in the message header.

2. CMAUKPPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communications kernel process (CMKP) could not attach to a port.

3. CMAUSFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communications kernel process (CMKP) received an unrecognizable fault at its "kfault" entry point.

Range: dct**1. CTACCFLGACTDLN (5E14 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnaud() function found wrong DLN access flag(s) for the active DLN. No action is taken.

2. CTACCFLGNOACTDLN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnaud() function found wrong DLN access flag(s) for a not active DLN. No action is taken.

3. CTACKMSKPMMSGNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTackmskp() function could not allocate a buffer for a DMERT message to MSKP. No action is taken.

4. CTACKMSKPMMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuefn() function could not send a CCS transport message acknowledgement on request of the CTackmskp() function. No action is taken.

5. CTACKOUTOFORD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function received an acknowledgment message that was out of order. No action is taken. The message is dropped.

6. CTACKSTOUTOFORD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received an "acknowledgement of start traffic" message that was out of order. No action is taken.

7. CTACTEVNTFLGNOSET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnaud() function found that the DLN active event flag was not set but the message active flag was. No action is taken.

8. CTACTEVNTFLGSET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnaud() function found that the DLN active event flag was not but the message active flag was not. No action is taken.

9. CTBADDLNMTYP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnsend() function found an unknown IMS message type to be send to the DLN. No action is taken.

10. CTBADDLNMTYP (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct link node (DLN) message type was received.

11. CTBADIPMTYP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrsendmsg() function received an unexpected IMS interprocess message type. No action is taken.

12. CTBADIPMTYP (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid interprocess message type was encountered.

13. CTBADMSTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid DMERT message type was received.

14. CTBADPAGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid page was trying to be processed.

15. CTBADPAGEADDR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTlinkupdate() function found an unexpected MCC page display number as an address for HM Functions to which it was supposed to send the updated information. No action is taken.

16. CTBADPAGEPOKE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected MCC page display number was found by the CTpagepoked() function. No action is taken.

17. CTBADPAGEUNEQ (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTlinkupdate() function found an unexpected MCC page display number while it was updating data for an unequipped link node. No action is taken.

18. CTBADRNA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ring node address (RNA) was encountered.

19. CTBADRNALNUPD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTlinkupdate() function found an unexpected ring node address for which it was supposed to update the MCC page. No action is taken.

20. CTBADRNARCNCCL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrcnccl() function was passed an out of range RNA address. No action is taken.

21. CTBADRNARDLKF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlkf() function was passed an out of range RNA address. No action is taken.

22. CTBADRNARFREQ (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCRfreq() function was passed an out of range RNA address. No action is taken.

23. CTBADRNARINET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinet() function was passed an out of range RNA address. No action is taken.

24. CTBADRNARTTASK (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrtask() function found an out of range RNA address in the CCrna[] list. No action is taken.

25. CTBADRNRXNET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CRNAVL() macro failed to convert RNA for a specified VL on request of the CCrxnet() function. No action is taken.

26. CTCCIS6MSGSS7LNKCNG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a CCIS6 message on a CCS7 link during a far-end processor congestion. No action is taken.

27. CTCCIS6MSGSS7LNKCNGEND (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a CCIS6 message on a CCS7 link after a far-end processor congestion ended. No action is taken.

28. CTCCIS6MSGSS7OFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a CCIS6 message in a CCS7 office. No action is taken.

29. CTCMKPPRTIDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DMERT primitive kportid() failed to retrieve the CM kernel process ID on request of the CCrcmkpopen() function. An unexpected return code from kportid() was found. A timer is set to retry this operation.

30. CTCMOPFL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrcmkpack() function found that an attempt to open a communications kernel process (CMKP) slot failed. A timer is set to retry.

31. CTCMOPFL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to open a communications kernel process (CMKP) slot failed.

32. CTCN7UPDNOSS7LNK (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCr7up() function was requested to process a cN7_UPDATE message while there are no SS7 links in this office. No action is taken.

33. CTCNNOBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not allocate a DMERT message buffer.

34. CTDATAINMEMMSGOUTOFORD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received an "All CNI data in main memory" message that was out of order. No action is taken.

35. CTDBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCpgeupdt() function received an invalid message type.

36. CTDBRDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed during a direct link node (DLN) pump.

37. CTDDCNIINITFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddwork() function found an unexpected value of the DDCNIINIT bit while trying to set/clear the CNI INIT status on the MCC pages. No action is taken.

38. CTDDCNIMININITFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddwork() function found an unexpected value of the DDCNIMIN bit while trying to set/clear the CNI INIT status on the MCC pages. No action is taken.

39. CTDDCNIMINMFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddwork() function found an unexpected value of the DDCNIMIN bit while trying to set/clear the CNI MIN MODE flag on MCC 118 page. No action is taken.

40. CTDDDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddwork() function failed to read a data delivery (DD) bit.

41. CTDDDLNFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCddwork() function found an unexpected value of the DDSDLNEQ bit while trying to set/clear the CNI INIT status on the MCC pages. No action is taken.

42. CTDDDLNFAIL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDSDLNEQ DD key was read and an invalid return was receive in the CCpgeupdt process.

Action:

Return to calling function and continue.

43. CTDDRERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery read failed; that is, the DDREAD() primitive failed.

44. CTDDRERRCNIINIT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() macro failed to read the status of the DDCNIINIT bit on request of the CCrfull_op() function. No action is taken.

45. CTDDRERRMINMODE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() macro failed to read the status of the DDCNIMIN bit on request of the CCrfull_op() function. No action is taken.

46. CTDDWERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery write failed; that is, the DDWRITE() primitive failed.

47. CTDDWERR1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to reset DDSDLNEQ bit to DD CLEAR on request of the CCrm skperr() function. No action is taken. Report it to a higher technical support level if it happens frequently. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

48. CTDDWERR2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to set DDSDLNEQ bit to DD SET on request of the CCrhb_shld() function while the DLN heartbeat was in an automatic run mode. No action is taken.

49. CTDDWERR3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to reset DDSDLNEQ bit to DD CLEAR on request of the CCrhb_shld() function while the DLN heartbeat was manually requested to run. No action is taken.

50. CTDDWERR4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to set DDSDLNEQ bit to DD SET on request of the CCrhb_shld() function while the DLN heartbeat was manually requested to run. No action is taken.

51. CTDDWERR5 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to set DDSDLNEQ bit to DD SET on request of the CCrfull_op() function. No action is taken.

52. CTDDWERR6 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to reset DDSDLNEQ bit to DD CLEAR on request of the CCrfull_op() function. No action is taken.

53. CTDDWERR7 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to set DDCNIOOS bit to DDSET on request of the CTsetdsig() function. No action is taken.

54. CTDDWERR8 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to reset DDCNIOOS bit to DDCLEAR on request of the CTsetdsig() function. No action is taken.

55. CTDDWERR9 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to set DDCCS7OOS bit to DDSET on request of the CTsettcap() function. No action is taken.

56. CTDDWERR10 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to reset DDCCS7OOS bit to DDCLEAR on request of the CTsettcap() function. No action is taken.

57. CTDDWERR11 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to set DDCNITSOOS bit to DDOFFNORMAL on request of the CTsettsig() function. No action is taken.

58. CTDDWERR12 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() primitive failed to reset DDCNITSOOS bit to DDNORMAL on request of the CTsettsig() function. No action is taken.

59. CTDEVTACK (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected DLN acknowledgment was received by the CCrdlnack() function. No action is taken.

60. CTDEVTACK (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected direct link node (DLN) acknowledgment was received from the common network interface (CNI), or an acknowledgment no longer applies because of a transient DLN state change.

61. CTDLNCHGACKNODLNOFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a DLN configuration change message in a non-DLN office. No action is taken.

62. CTDLNERRMSGUNXSIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCdlnermsg() function encountered an unknown CNI/IMS silence state. No action is taken.

63. CTDLNPMACKNODLNOFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a DLN database pump acknowledgement message in a non-DLN office. No action is taken.

64. CTDLNPMNODLNOFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a DLN pump done message in a non-DLN office. No action is taken.

65. CTDLNQERRNODLNOFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a DLN queue error report message in a non-DLN office. No action is taken.

66. CTDLNSTRTSCNNODLNOFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a DLN STRTSCN acknowledgement message in a non-DLN office. No action is taken.

67. CTDMERTFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recvw() function in the CTpgeupdt process failed to receive a DMERT message. No action is taken. The CTpgeupdt process keeps waiting for DMERT messages.

68. CTDMERTFAIL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DMERT message failed in the main function of the CCpgeupdt process

Action:

No action taken. Keep waiting for DMERT messages.

69. CTDNOBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DMERT message buffer could not be allocated.

70. CTDPUMPTO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrttask() function found that the DLN database pump timed out. No action is taken.

71. CTDPUMPTO (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) database pump timed out.

72. CTDWATTFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DTwattpas() function returned zero or a negative number of protected application segments in 3B memory. This means the CTpgeupdt process failed to attach to PAS for reading and writing. The CTpgeupdt process exited/died.

73. CTDWATTFAIL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DTwattpas returned an invalid value which means CCpgeupdt failed to attach to protected application segment (PAS) for reading and writing.

74. CTFSTTPDBRDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBstfst() function called by the CTfillbuf() function returned an unknown value while trying to read the first tuple of a relation being pumped to the DLN. The DLN pump is aborted.

75. CTGETBFail (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the cHgwbuf() function failed.

76. CTGETBFAIL2TRY (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHgwbuf() function did not return a cH_PASS value to the CCrxnet() function on second request after it first returned a retry or no buffer value. The TSV message (for standby VFL maintenance) is not sent.

77. CTGETBFAILDEF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHgwbuf() function returned an unknown value to the CCrxnet() function. The TSV message (for standby VFL maintenance) is not sent.

78. CTGLDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A ring monitor kernel process (RINGMON) global variable was corrupted.

79. CTGLDLNEQ (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmskperr() function received a message from the MSCU indicating that there are no DLNs available. The office is equipped with DLNs so CCringmon will respond by calling recovery software to get a DLN back in-service.

80. CTGLDLNEQ (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Gldlneq global parameter was incorrectly set in one or more SMS.

81. CTGLDLNEQNODLN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmskperr() function received a message from the MSCU indicating that there are no DLNs available. CCringmon will respond by updating the Gldlneq parameter to reflect a non-DLN equipped office.

82. CTGRWQINV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCgrwqack() function was passed an unknown DLN queue name in an input message. No action is taken.

83. CTGRWQINV (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct link node (DLN)-AM queue was found during queue growth.

84. CTGRWQTO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrttask() function found that the DLN-AM queue growth timer has expired. The timer is reset and the DLN-AM queue growth is retried.

85. CTGRWQTO (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN)-AM queue growth timed out.

86. CTHBLLMPROB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) heartbeat found a discrepancy in the DLN's copy of the logical link map (LLM). Recovery was initiated.

87. CTHBNACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) heartbeat could not be initiated because an active DLN was not available. Recovery action was initiated.

88. CTHBNMSCU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) heartbeat found a discrepancy between the DLN's copy of the logical link map (LLM) and the DLN-AM queue headers. A mismatch was found in the LLM message switch control unit (MSCU) selection flag and the DLN MSCU access flag.

89. CTHBTOFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct link node (DLN) heartbeat timed out after several attempts. Recovery action was initiated.

90. CTHDRFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the cHsxhdr() function failed.

91. CTHDRFAIL2TRY (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHsxhdr() function did not return a cH_PASS value to the CCrxnet() function on second request after it first returned a retry or no buffer value. The TSV message (for standby VFL maintenance) is not sent.

92. CTHDRFAILDEF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHsxhdr() function returned an unknown value to the CCrxnet() function. The TSV message (for standby VFL maintenance) is not sent.

93. CTINCMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive in the system integrity library (Slib) failed.

94. CTINCMFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCrdlnack() function. No action is taken.

95. CTINCMFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCrmsghdr() function. No action is taken.

96. CTINCMFAIL3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCrmsghdr() function. No action is taken.

97. CTINCMFAIL4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCrttask() function while finishing the software initialization state. No action is taken.

98. CTINCMFAIL5 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCrttask() function while finishing the software initialization state. No action is taken.

99. CTINCMFAIL6 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCrttask() function while handling a DLN event message timeout. No action is taken.

100. CTINCMFAIL7 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCrproc_create() function. No action is taken.

101. CTINCMFAIL8 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCrproc_create() function. No action is taken.

102. CTINCMFAIL9 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCrfull_op() function while in RINGMON FPI but not in MIN-MODE in a NON-DLN equipped CNI ring after loading all CNI user software to main memory. No action is taken.

103. CTINCMFAIL10 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCrfull_op() function while in RINGMON FPI in a DLN equipped CNI ring after starting the DLN heartbeat. No action is taken.

104. CTINCMFAIL11 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCrfull_op() function after min-mode is completed. No action is taken.

105. CTINCMFAIL12 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCflt_sinit() function after it failed to open and initialize the CNIUZRCHN communication channel. No action is taken.

106. CTINCMFAIL13 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "failure in init step message" to AIM on request of the CCflt_sinit() function when it found out that RINGMON is not in the software initialization state. No action is taken.

107. CTINCMFAIL14 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcomplete() primitive failed to send a "successful in init step message" to AIM on request of the CCflt_sinit() function after the RINGMON software initialization step completed. No action is taken.

108. CTINIRPTOUTOFORD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received an "initial report complete" message that was out of order. No action is taken.

109. CTINVCCTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTpgeupdt process received a DMERT message from CCringmon, that was of an unexpected type. The message is discarded. The CTpgeupdt process returns to waiting for another DMERT message.

110. CTINVCCTYPE (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received and invalid type in the body of the DMERT message located in main of the CCpgeupdt process.

Probable Cause:

RINGMON sent the wrong type.

Action:

Ignore and return to waiting for another DMERT message.

111. CTINVCNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ring monitor kernel process (RINGMON) received an invalid common network interface (CNI) message.

112. CTINVDDBIT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected argument (dd_bit) was passed to the CCddwork() function. No action is taken.

113. CTINVDDBIT (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received invalid DD bit from the DMERT message being processed or from a internal function call in the CCpgeupdt process.

Action:

Return to the calling function and continue.

114. CTINVDEVT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct link node (DLN) event type was encountered.

115. CTINVDLN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DLNINDX() macro failed to translate the DLN RNA to DLN index on request of the CCrmsghdlr() function. No action is taken.

116. CTINVDLN (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not translate between the direct link node (DLN) ring node address (RNA) and the DLN index.

117. CTINVDLNQ0ST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinitdlnq() function encountered an invalid DLN-AM queue 0 state. The DLN-AM queue 0 init process is stopped.

118. CTINVDLNQ1ST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinitdlnq() function encountered an invalid DLN-AM queue 1 state. The DLN-AM queue 1 init process is stopped.

119. CTINVDPM (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmpctrl() function was called to begin a DLN DB pump while a pump was already in progress. No action is taken.

120. CTINVPMP (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to start the pump of the direct link node (DLN) while the pump was in progress.

121. CTINVDSIGST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTsignals() function read an unexpected state for the CNI Direct Signaling Service. No update of the DSIG indicator is done. Continue with the rest of indicators on the 118 MCC page.

122. CTINVDSIGST (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read an invalid state from CTDSIGSTATE location.

Probable Cause:

CCRINGMON populated the location with an invalid state.

Action:

Do not update the 118 MCC page and continue.

123. CTINVDST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrsetdmap() function was passed an unknown DLN state. No action is taken.

124. CTINVDST (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct link node (DLN) state was requested.

125. CTINVEVNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event was received.

126. CTINVFLT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

AIM did not confirm a SOFTWARE INIT STATE of RINGMON on request of the CCflt_sinit() function. No action is taken.

127. CTINVFLT (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid fault was received.

128. CTINVLKMJ (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTlinkupdate() function found an unexpected link major state. The major and minor link states will be displayed as unavailable (UNAV) and OOS respectively.

129. CTINVLKMJ (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link major state was encountered.

130. CTINVMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTpgeupdt process received an unexpected DMERT message type. The message is discarded. The CTpgeupdt process returns to waiting for another DMERT message.

131. CTINVMSGTYPE (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an invalid DMERT message type in the main function of the CCpgeupdt process.

Probable Cause:

Some process sent a message to the wrong process.

Action:

Ignore and continue waiting for another message.

132. CTINVQST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct link node (DLN)-AM queue state was encountered.

133. CTINVRANGERET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from CTranges function in the CCpgeupdt process.

Action:

Return to waiting for another DMERT message.

134. CTINVREL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrgetrels() function was passed an unknown DLN database relation. No action is taken.

135. CTINVREL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected database relation was found during a direct link node (DLN) database pump.

136. CTINVSGN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrgetqsize() function encountered an error while trying to determine a DLN-AM queue size. Contact your higher technical support level. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

137. CTINVSGN (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A segment was not in the process's address space.

138. CTINVSIGST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTpgeupdt process received a DMERT message, probably from the CCddupdate() function, that contained an unexpected data delivery bit set. The message is discarded. The CTpgeupdt process returns to waiting for another DMERT message.

139. CTINVSIGST (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid signaling type or state was encountered.

140. CTINVTAPST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTsignals() function read an unexpected state for the CNI TCAP signaling service. No update of the TCAP indicator is done. Continue with the rest of indicators on the 118 MCC page.

141. CTINVTAPST (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Read an invalid state from CTTAPSTATE location.

Probable Cause:
CCRINGMON populated the location with an invalid state.

Action:
Do not update the 118 MCC page and continue.

142. CTINVTSIGST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The CTsignals() function read an unexpected state for the CNI trunk signaling service. No update of the TSIG indicator is done. Continue with the rest of indicators on the 118 MCC page.

143. CTINVTSIGST (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Read an invalid state from CTTSIGSTATE location.

Probable Cause:
CCRINGMON populated the location with an invalid state.

Action:
Do not update the 118 MCC page and continue.

144. CTIOCTLFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The cHioctl() function could not set the logical characteristics of the CNI to applications communications channel on request of the CCrinit_chn() function. No action is taken.

145. CTIOCTLFAIL (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Could not set the logical common network interface (CNI) channel characteristics.

146. CTKEVNTUNKEVNT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The kevent() function was passed an unknown event. No action is taken.

147. CTMGPMSTMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuemn() function could not send a message to the CCS PM AM process about a DLN switch on request of the CCsndmgpmst() function. No action is taken.

148. CTMSGQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DMERT message could not be queued successfully.

149. CTNDLNACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A negative ACKDLN message was received from the common network interface (CNI) in response to a DLNACT transaction. This is only valid when a transient event occurs.

150. CTNDLNACKCONDRMV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function received a negative DLN acknowledgement to a DLNACT message in response to a conditional removal of the active DLN but no transient event occurred. No action is taken. The message is dropped.

151. CTNDLNACKPHASE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function received a negative DLN acknowledgement to a DLNACT message in response to CNI PHASE message but no transient event occurred. No action is taken. The message is dropped.

152. CTNDLNACKRMV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function received a negative DLN acknowledgement to a DLNACT message in response to a removal of active DLN but no transient event occurred. No action is taken. The message is dropped.

153. CTNDLNACKRST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function received a negative DLN acknowledgement to a DLNACT message in response to a restoration of DLN but no transient event occurred. No action is taken. The message is dropped.

154. CTNDLNACKSTCHG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function received a negative DLN acknowledgement to a DLNACT message which was not directly caused by a CNL event but no transient event occurred. No action is taken. the message is dropped.

155. CTNOACTDLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No active direct link node (DLN) was found after a remove or a restore.

156. CTNOACTDLNCONDRMV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function found no active DLN after a conditional removal of an active DLN had been acknowledged. No action is taken.

157. CTNOACTDLNRST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function found no active DLN after a restoration of a DLN had been acknowledged. No action is taken.

158. CTNOTCM2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlninit() function encountered an attempt to start active DLN scanning in a non-CM2 office. No action is taken.

159. CTNOTCM2 (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to start active direct link node (DLN) scanning in a non-CM2 office.

160. CTNOTIMER (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrtset() function could not find an empty timer in the CCTimrs[] link list. No timer is set.

161. CTNOTIMER (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No internal timer was available.

162. CTOFLBUNXMSGACTV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTOflboot() function received an off-line boot message that contained an unexpected activity type. The message is discarded and the off-line boot process is aborted.

163. CTOLBDLNPRTFail (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DMERT primitive kportid() failed to retrieve the imsdv.p process ID on request of the CTolbdln() function. An unexpected return code from kportid() was found. No action is taken.

164. CTOLBDLNUNXRC (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTolbrange() function returned an unexpected value to the CTolbdln(). No action is taken.

165. CTOLBRESPMSGDNDFail (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuemn() function could not send a ringmon off-line boot response message on request of the CTolbresp() function. No action is taken.

166. CTOLBRESPNOMSGBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alocmmsg() function could not allocate a RTR message buffer on request of the CTolbresp() function for a ringmon off-line boot response. No action is taken.

167. CTOPENFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not open a common network interface (CNI) channel.

168. CTOPENFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinit_chn() function found no DMERT application process running after the cHkopen() function returned an error while it was requested to open a CNI to applications communication channel. The error may be: max number of channel already open, invalid function number, the message switch is not running yet, no read list could be obtained, or no old write list could be obtained. No action is taken.

169. CTOPENFAIL2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinit_chn() function found no DMERT application process running after the cHkopen() function returned an error when it requested to open a CNI to applications communication channel. The error is: channel already open. A timer is set to retry.

170. CTOPENFAIL3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinit_chn() function found no DMERT application process running after the cHkopen() function returned an error when it requested to open a CNI to applications communication channel. The error is: channel already open. The maximum number of retries has been reached. No action is taken.

171. CTOPENFAIL4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrinit_chn() function found no DMERT application process running after the cHkopen() function returned a good CNI applications communication channel descriptor. No action is taken.

172. CTOUTOFORD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ring monitor kernel process (RINGMON) received a start traffic message from the signaling link maintenance kernel (SLMK) process that was out of order.

173. CTPORTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DMERT primitive kportid() failed.

174. CTR7UPUNKMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCr7up() function received an unknown message type. No action is taken.

175. CTRCMKPOPENMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuemn() function could not send a message to the CMKP about a channel open for OSDS communication on request of the CCrcmkpopen() function. The message is dropped but a timer is set to retry.

176. CTRCMKPOPENNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrcmkpopen() function could not allocate a buffer for a DMERT message to CMKP. A timer is set to retry.

177. CTRCONFMTMRNOSET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnaud() function found that the DLN reconfiguration timer was not set while the message active flag was set. No action is taken.

178. CTRCONFMTMRSET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnaud() function found that the DLN reconfiguration timer was set while the message active flag was not. No action is taken.

179. CTRCONFTO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrttask() function found that a DLN reconfiguration request timed out. The DLN recovery is requested.

180. CTRCONFTO (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to reconfigure the direct link node (DLN) timed out.

181. CTRDISPLAYMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuemn() function could not send a display page update message to the CCpgeupdt process on request of the CCrdisplay() function. The message is dropped but a timer is set to retry.

182. CTRDISPLAYNOMSGBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alocmmsg() function could not allocate a RTR message buffer on request of the CCrdisplay() function for a ringmon display page update message. A timer is set to retry.

183. CTRDLNCONFREJECT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DLNINDX() macro could not convert RNA to DLN index on request of the CCrdlnconf() function. The request to

change the configuration of a DLN with this RNA is rejected.

184. CTRDLNRDFLBADMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnrcfl() function received a message to remove a standby DLN due to a recent change failure, but the message contained an unexpected message type. No action is taken.

185. CTRDPCMSGNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTrdpcmsg() function could not allocate a buffer for a DMERT message to CCMA process. No action is taken.

186. CTRDPCMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queueemn() function could not send a DPC status notification message to the CCMA in OKP on request of the CTrdpcmsg() function. No action is taken.

187. CTREADFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read from the common network interface (CNI) channel failed.

188. CTREADFAILBADCHAN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHrscrn() function returned to the CCreadmsgs() function a value indicating a bad CNIUZRCHN channel while RINGMON process was not awaiting initialization and a DMERT application process ID was valid. The read IMS messages process is stopped.

189. CTREADFAILDEF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHrscrn() function returned to the CCreadmsgs() function an unknown value, or a value indicating: CNIUZRCHN not open, or invalid channel descriptor, or signaling message which cannot be sent, or returned signaling message, or source matched signaling message, or returned signaling message without return bit set discarded, while RINGMON process was not awaiting initialization and a DMERT application process ID was valid. No action is taken.

190. CTREADFAILIPRTN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHrscrn() function returned to the CCreadmsgs() function a value indicating a returned interprocess message. The leaky bucket counter of resending messages was overflowed plus RINGMON process was not awaiting initialization and a DMERT application process ID was valid. The read IMS messages process is stopped and a CNI level 2 initialization is requested.

191. CTREADFAILIPSM (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHrscrn() function returned to the CCreadmsgs() function a value indicating "source matched interprocess message" while the RINGMON process was not awaiting initialization and a DMERT application process ID was valid. No action is taken.

192. CTRGRWQACKBADMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCgrwqack() function received a message to grow DLN-AM queues that contained an unexpected message type. No action is taken.

193. CTRMVACTINVDLNEVNT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnevt() function encountered an "active DLN removed" event for an invalid DLN index. No action is taken.

194. CTRMVDLNREJECT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DLNINDX() macro could not convert RNA to DLN index on request of the CCrmvdlm() function. The removal of an active DLN with this RNA is rejected.

195. CTRMVNACTINVDLNEVNT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnchg() function encountered a "non-active DLN removed" event for an invalid DLN index. No action is taken.

196. CTRNAINC (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrgetrna() function could not return a valid RNA of the active DLN on request of the CCrttask() function when the delay for the DLN StopScan had finished. No action is taken.

197. CTRNAINC (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ring node address (RNA) values of the direct link nodes (DLNs) were inconsistent after a STRTSCN or STRTSWITCH message timed out.

198. CTRNAINCSTRTSCN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrgetrna() function could not return a valid RNA of the active DLN on request of the CCrttask() function while this one tried to resend a STRTSCN message to the DLN. No action is taken.

199. CTRNAINCSTRTSWTCH (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrgetrna() function could not return a valid RNA of the active or standby DLN on request of the CCrttask() function while this one tried to resend a STRTSWITCH message to the DLNs. No action is taken.

200. CTRREADMSGSGUNKMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrreadmsgs() function encountered an unknown message type. No action is taken.

201. CTRSENDGRWMSGSGNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuemn() function could not send a MSGROW message to the memory manager on request of the CCrsendgrw() function. The message is dropped but a timer is set to retry.

202. CTRSENDGRWNOMSGBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alocmmsg() function could not allocate a RTR message buffer on request of the CCrsendgrw() function for a CCS ringmon send grow message. A timer is set to retry.

203. CTRSMKPERRNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrsmkperr() function could not allocate a buffer for a DMERT message to MSCU SMER in SMKP. No action is taken.

204. CTRSMKPERRMSGSGNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queuemn() function could not send an error report message from the ringmon to MSCU on request of the

CCrsmkperr() function. No action is taken.

205. CTRSSDCMSGNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrssdcmsg() function could not allocate a buffer for a DMERT message to SSD system process. No action is taken.

206. CTRSSDCMSGSNDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queueumn() function could not send a signaling status data message to the SSD process in the CMP on request of the CCrssdcmsg() function. No action is taken.

207. CTRSTINVDLNEVNT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnevt() function encountered a "DLN restored" event for an invalid DLN index. No action is taken.

208. CTRSTRTFail (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The _un_trbl() function returned an unexpected value to the CCrestartdlm() function. A DLN restart failed. No action is taken.

209. CTRSTRTFail (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A direct link node (DLN) restart was unsuccessful due to an unexpected return code from the un_trbl() function.

210. CTRSTRTSCNREJECT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DLNINDX() macro could not convert RNA to DLN index on request of the CCstrtschn() function. The request to start the scanning of the active DLN with this RNA is rejected.

211. CTRSWCMPLUNXDLNSW (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrswcmpl() function was passed an unknown DLN switch result. No action is taken.

212. CTRTREQBADMMSGHDRTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrtreq() function received a message to do a standby VFL test over a low speed link that contained an unexpected message header type. No action is taken.

213. CTRTREQBADTTYTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrtreq() function received a message to do a standby VFL test over a low speed link that contained an unexpected message tty type. No action is taken. The message is dropped.

214. CTRTTYBADMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrttymsg() function received a craft message for RINGMON that contained an unexpected tty type. No action is taken.

215. CTSCSTPDRRDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBstnxt() function called by the CTfillbuf() function returned an unknown value while trying to read the successive tuple of a relation being pumped to the DLN. The DLN pump is aborted.

216. CTSNDMGPMSTNOBUF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCsndmgpmst() function could not allocate a buffer for a DMERT message to CCS PM AM process. No action is taken.

217. CTSPARE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A place holder for future use.

218. CTSPARE1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A place holder for future use.

219. CTSS7MSGCCIS6OFF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrmsghdlr() function received a CCS7 message in a CCIS6 office. No action is taken.

220. CTSTATESTATUSDIF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INseqst() primitive did not return an INCREASE value to the CCrproc_create() function. A CNI FPI is requested to clear the problem.

221. CTSTMSGTIMEOUT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrttask() function found too many timeouts/retransmits events waiting for a "start traffic sequence" message. No action is taken.

222. CTSTTRMSGOUTOFORD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnevt() function received a start traffic message that was out of order. No action is taken.

223. CTUKCOND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown condition was passed to a ring monitor kernel process (RINGMON) function.

224. CTUKSPEED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ring monitor kernel process (RINGMON) could not determine the link speed.

225. CTUKSPEEDLKCNG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTsetsig() function could not determine a SS7 links speed while trying to check TCAP/TSIG congestion state. This link is skipped and the remaining SS7 links are checked.

226. CTUKSPEEDLNKAVL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTsetsig() function could not determine a SS7 links speed while trying to assess TCAP/TSIG availability. This link is skipped and the remaining SS7 links are checked.

227. CTUKTASK (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrttask() function was passed an unknown timing task. No action is taken.

228. CTUKTASK (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown timing task was encountered in the ring monitor kernel process (RINGMON).

229. CTUNIXRTRBADMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCunixmsg_hdlr() function received a RTR message that contained an unexpected message type. No action is taken.

230. CTUNKNDLNEVNT1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The The CCrdlnevt() function encountered an unknown DLN event. No action is taken.

231. CTUNKNDLNEVNT2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnchg() function encountered an unknown DLN event. No action is taken.

232. CTUNKNDLNEVNT3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnack() function encountered an unknown DLN event. No action is taken.

233. CTUNKNDLNEVNT4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrchkdlnst() function encountered an unknown DLN event. No action is taken.

234. CTUNKNDLNEVNT5 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrchgdlnst() function encountered an unknown DLN event. No action is taken.

235. CTUNXPRETURN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CTpagepoked() function received an unexpected return code from the CTranges() function. No action is taken.

236. CTWRITEFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A write to the common network interface (CNI) channel failed.

237. CTWRITEFAIL1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrsendmsg() function found no DMERT application process running after the cHcpx() function failed to transmit an IMS interprocess message to the SLMK process. The cHcpx() function returned an unexpected value or an error other than no buffer available. No action is taken.

238. CTWRITEFAIL3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrsendmsg() function found no DMERT application process running after the cHcpx() function failed to transmit an IMS interprocess message to the SLMK process. The cHcpx() function returned a no buffer error. A timer is set to retry.

239. CTWRITEFAIL4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnsend() function found no DMERT application process running after the cHcpx() function failed to transmit an IMS interprocess message to the CCTRANS in DLN. The cHcpx() function returned an error other than no buffer available or retry later. No action is taken.

240. CTWRITEFAIL6 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrdlnsend() function found no DMERT application process running after the cHcpx() function failed to transmit an IMS interprocess message to the CCTRANS in the DLN. The cHcpx() function returned a retry later or no buffer error. A timer is set to retry.

241. CTWRITEFAIL7 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cHxmit() function, on request of the CCrxnet() function, failed to transmit a VFL maintenance message to the far end on retry while the first try returned a no buffer or try later error. No action is taken. The message is dropped.

242. CTWRITEFAIL8 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCrxnet() function received an unexpected return code from the cHxmit() function that was supposed to transmit a VFL maintenance message to the far end. No action is taken. The message is dropped.

Range: dctsp**1. INLBCPNOSM (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

LBPUMP received a text/data request from pump control (PUCR) for a broadcast text pump, but the corresponding SM bit map was empty. LBPUMP will terminate.

2. INPLFMAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) found a log file to pump that had an invalid magic value.

3. INPUABRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an E_ABORT event that terminated the pump.

4. INPUACKF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The completion code in the MGPURACK message was not success (not used).

5. INPUADSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's addseg() primitive failed.

6. INPUALCS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's alocseg() primitive failed.

7. INPUALKS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's alocseg() primitive failed.

8. INPUALOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the INalocseg() function could not find a free segment to allocate.

9. INPUBADSCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected section name found in a relocatable file, but that section name is not known to the relocatable image map (RIM). Therefore, the unknown section will NOT be pumped since there is no information as to where it belongs in SM memory.

Probable Cause:

A new peripheral image has been added to "perf.out", but the corresponding changes have not been made in "relo_ptrs". NOTE: "perf.out" is the most likely file to cause this problem, however there are other relocatable files (RODD, log files).

Action:

The unknown section name is displayed on the ROP:

REPT PUMP: UNKNOWN RELOCATABLE SECTION: xxx "/no5odd/cidata/relo_ptrs" needs to be updated with the new relocatable section name and its associated critical info (CI) pointer names. (i.e. "XXX Glxxxxsa Glxxxea"). After "relo_ptrs" has been updated, invoke "rimgen" to regenerate the RIM.

10. INPUBMAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), an invalid magic number was in a disk image file. The file was not swabbed correctly for the 3B processor.

11. INPUCANC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) received a text/data request saying to terminate the previous request.

12. INPUCONP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to connect to a port via the connport() primitive.

13. INPUCOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP failed to open to the communications kernel process (CMKP).

14. INPUCPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the DMERT primitive sendcpmsg() failed to send a message.

15. INPUDSKB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) encountered an invalid disk buffer state.

16. INPUEISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CTSPUMP - Unknown or invalid generic issue found in pumplib.

17. INPUEVT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's event() primitive failed.

18. INPUFCLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to close a disk file via the file manager.

19. INPUFHF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CTSPUMP - FPFAL from FPFH(not used).

20. INPUFILMX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CTSPUMP - more than 16 files for this IM.

21. INPUFIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CTSPUMP - FP rcvd a FINI msg in INreceive(not used).

22. INPUFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP received a fault entry.

23. INPUFOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to open a disk file via the file manager.

24. INPUFREE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), an attempt to free a segment via the DMERT primitive freeseg() failed.

25. INPUGRSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's growseg() primitive failed.

26. INPUINVEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) received an invalid event. The pump process is not terminated.

27. INPUINVMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) received an invalid message. The pump process is not terminated.

28. INPUINVPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid "pump type" has been detected. Therefore sevent() can not determine which message send function to call.

29. INPULINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), an invalid return was passed from the INtdjob() function to the INlinkq() function.

30. INPULNKQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the INerchk() function found a failure on message link queue pointers.

31. INPUMXB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the text/data byte counter exceeds the maximum number of bytes (16M).

32. INPUNOBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) could not read the RLSMCONF relation, or encountered invalid data in the RLSMCONF relation.

33. INPUNOCRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) found a "dummy" common object file format (COFF) section header for the database customer originated recent change (CORA) logging file, but the "real" COFF section header for the CORA logging file was not found. The CORA log file /smlog/im#cora is missing where "#" is the SM number in the data dump.

34. INPUNOLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication to the SM being pumped was lost. Pump will terminate, but this assert will not fire (that is, the code currently does not call this assert).

35. INPUNOSCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CTSPUMP - Unable to find expected section name within the file.

36. INPUOACL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to close an AM office dependent data (ODD) file on the offline disk.

37. INPUOAOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to open an AM office dependent data (ODD) file on the offline disk.

38. INPUOARP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to read AM office dependent data (ODD) global parameters from the offline disk.

39. INPUOARR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to read the AM office dependent data (ODD) RLSCONF relation from the offline disk.

40. INPUODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) failed to attach the AM office dependent data (ODD) to the protected application segment (PAS).

41. INPUPAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the INinit() function failed to fully attach to the protected application segment (PAS).

42. INPUPNSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's punswap() primitive failed.

43. INPUPRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the DMERT primitive setprior() failed to set the priority of the pump process.

44. INPUREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), a file manager read attempt failed.

45. INPURIMSUMERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CTSPUMP has generated a different "sum" value over the relocatable image map (RIM) data than the sum value stored internally with the RIM.

Probable Cause:

Corruption of the disk file "/no5odd/cidata/rim.out".

Action:

Regenerate the RIM with the following command:

EXEC-UPROC: "/usr/bin/rimgen";

46. INPURQFN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), an invalid return was passed from the INrqfini() function to the INlinkq() function.

47. INPUSAEA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control time slot pump (CTSPUMP) received a text/data request with a starting address that is greater than its ending address.

48. INPUSDPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's sendport() primitive failed.

49. INPUSEG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the segment number exceeded the maximum value in the INseinfo() function.

50. INPUSFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the DMERT primitive sendfault() failed to send a fault.

51. INPUSMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In control time slot pump (CTSPUMP), the DMERT primitive sendmsg() failed to send a message.

52. INPUSTMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
PUMP's setmap() primitive failed.

53. INPUSZBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The section size is not a multiple of 2048 bytes. All pump files require section sizes to be a multiple of 2K bytes.

Probable Cause:
The file has been corrupted or improperly generated.

Action:
The pump will proceed with other sections but the bad section will not be pumped. Send the assert information to the local support organization to identify the bad section and get the file corrected.

54. INPUTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Control time slot pump (CTSPUMP) timed out while waiting for a response from the SM after sending a FINISH message.

55. INPUULCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
In control time slot pump (CTSPUMP), the DMERT primitive ulockseg() failed to unlock a segment in the pump process.

56. INPUWRDD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
In control time slot pump (CTSPUMP), the DDSWRITE() function failed.

57. INTOFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A pump process was sent a fault, but the fault did not occur within a reasonable amount of time.

Range: ddbgrw**1. DBATTSG (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to connect to the system generation (SG) database.

2. DBBADATYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to use a relation with an unexpected access type.

3. DBBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office dependent data (RODD) bitmap salvage technique (BST) received an invalid message from the SM.

4. DBBADUTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unitttype was encountered.

5. DBBDHMOT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a human machine (HM) output message. Check the affected processor status and retry the growth message.

6. DBBDMOTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An improper office dependent data (ODD) memory type was used.

7. DBBSTCOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office dependent data (RODD) bitmap salvage technique (BST) could not read the common object file format (COFF) header of the RODD.

8. DBBSTMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office dependent data (RODD) bitmap salvage technique (BST) failed to send a message from the SM to the AM.

9. DBBSTSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office dependent data (RODD) bitmap salvage technique (BST) could not send a message from the AM to the SM.

10. DBBSTTMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bitmap salvage technique (BST) timed out while waiting for a response from the SM.

11. DBCGAINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk insert primitive failed for the RLCGA_STAT relation during ODDCREATE.

12. DBCGANXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk read next primitive failed while reading the RLCGA_STAT relation during ODDCREATE.

13. DBCGARFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk read first primitive failed during ODDCREATE for the RLCGA_STAT relation.

14. DBCOFFHDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBcpy_cof() function was unable to write the non-redundant common object file format (COFF) file header. The growth will be aborted and all files for the growth SM will be removed.

15. DBDDRDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unprotected office dependent data (UODD) growth error occurred. Could not read the DDUNGRW data delivery bit.

16. DBDDSTBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initial process setup or actual execution of an office dependent data (ODD) growth, the data delivery function DDswrite() failed to write the value of a data delivery bit.

17. DBDFIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received from the DBupddfi() function call.

18. DBDISKERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was returned from the disk driver, or the message received was not from the disk driver.

19. DBDISKSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth or non-redundant office dependent data (NRODD) growth, the DBodd_part() function failed to find a mounted SM ODD partition with sufficient contiguous disk space to create an SM ODD file.

20. DBDNINCTUPNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the DBxrdfst() function failed while trying to read the RLRT_DNTRAN relation.

21. DBDNXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) set primitive DBxtsintup() failed while trying to insert tuples into the SM.

22. DBEQLOCFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxfrdtup() function failed while trying to read the RLRC_EQLOC relation during ODDCREATE.

23. DBFRCMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to receive a message. The recv() or recvw() function returned a failure code. Check the status of the affected processor and retry.

24. DBGETCLI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM read of the MODCLI relation failed during oddcreat.

Action:

Product engineering control center (PECC) should be contacted for assistance.

25. DBGR1SCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is more than one link to the office dependent data (ODD) scratch file used by ODD growth and backup. Automatic recovery is being attempted.

26. DBGR2SCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are more than 2 links to the office dependent data (ODD) scratch file used by ODD growth and backup. Automatic recovery can not be completed successfully.

Action:

Seek technical assistance.

27. DBGRALLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) growth error occurred while trying to re-allocate a file.

28. DBGRATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not attach to the office dependent data (ODD).

29. DBGRBDVERB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected command was encountered, part of the command line was incorrect. The unprotected office dependent data (UODD) growth process was not started. Retry the UODD growth command.

30. DBGRBSMST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During office dependent data (ODD) growth, invalid data was found in the state file.

31. DBGRCPODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an office dependent data (ODD) growth, the copy of an ODD file has failed.

32. DBGRDACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found for the DBactblks parameter.

33. DBGRDREAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) growth error occurred. A create failed.

34. DBGRDSK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the disk office dependent data (ODD).

35. DBGRDSKCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A disk office dependent data (ODD) copy failure occurred.

36. DBGRGNHSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was received from the DBgenhash() function during an office dependent data (ODD) growth.

37. DBGRIALOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred when the falloc() function was called to allocate file space for file.

38. DBGRIDDW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not write the data delivery (DD) bit DDSBKUPCI.

39. DBGRIKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The wrong key was received from human machine interface (HM).

40. DBGRIMESG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The wrong message type was received from the SM.

41. DBGRIRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The wrong return code was received.

42. DBGRISEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendpw() function failed.

43. DBGRISPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sprintf() function failed.

44. DBGRITIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recvw() function timed out.

45. DBGRLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) growth error occurred. A link failed.

46. DBGRNOSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The scratch file used when doing an office dependent data (ODD) growth or ODD backup is missing.

47. DBGROPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. Could not open a file.

48. DBGRRDDISK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the global parameter DBdiskblks.

49. DBGRRDDPHYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the global parameter DBdphysblks.

50. DBGRRDUN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Growth could not read the value of the DBunblocks global parameter from the destination SM.

51. DBGRRREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return code was received. Could not read a file.

52. DBGRSCORPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM /no5odd/cpdata/DBgrwstate file contains the states of unprotected, non-redundant, and redundant office dependent data (ODD) growths as well as the redundant bitmap salvage technique (BST). The DBgrwstate file contained inconsistent data or the internal file layout was corrupted.

53. DBGRSCRSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During non-redundant office dependent data (NRODD) growth, the ODD scratch file was not allocated to the correct size.

54. DBGRSEEK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to seek to a section of a file.

55. DBGRSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in a stat() function call.

56. DBGRSTBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office dependent data (UODD) growth state structure for the SM UODD being grown, was read from the SM /no5odd/cpdata/DBgrwstate file on disk. The previous UODD size found in the structure was not consistent with the current value of the DBunblocks global parameter on the SM having its UODD grown.

57. DBGRTMPSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A temporary office dependent data (ODD) file has been found that is not linked to the ODD scratch file.

Action:

Seek technical assistance.

58. DBGRUNLINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) growth error occurred. An unlink failed.

59. DBGRUPDPHYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the global parameter DBdphysblks.

60. DBGRVCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The vcp command failed.

61. DBGRVTOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBdphysblks global parameter or /dev/vtoc could not be read.

62. DBGRWCONF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ODDCREATE failure occurred. The rISMCONF tuple for the growth SM had an invalid configuration type.

63. DBGRXSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The extra link to the office dependent data (ODD) scratch file could not be located during recovery.

Action:

Seek technical assistance.

64. DBGTGRWST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not access a growth state structure in the SM /no5odd/cpdata/DBgrwstate file.

65. DBINCTUPNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdfst() set primitive returned the incorrect number of tuples.

66. DBLLAGET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get a pack record from the system generation (SG) database.

67. DBL_USEINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk insert primitive for the LNK_USE relation failed during oddcreat.

Probable Cause:

Corrupt office dependent data (ODD) skeleton files.

Action:

Product engineering control center (PECC) should be contacted for assistance.

68. DBL_USENXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk read next primitive for the LNK_USE relation failed during oddcreat.

Probable Cause:

Corrupt office dependent data (ODD) skeleton files.

Action:

Product engineering control center (PECC) should be contacted for assistance.

69. DBL_USERFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk read for the LNK_USE relation failed during oddcreat.

Probable Cause:

Corrupt office dependent data (ODD) skeleton files.

Action:

Product engineering control center (PECC) should be contacted for assistance.

70. DBLVL3DWN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the startup of the office dependent data (ODD) growth user level automatic restart process (ULARP), level 3 communication was down between the AM and the CMP. ODD growth will wait a specified amount of time and try again.

71. DBMEMORY_LOW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Not enough memory boards were available.

72. DBMHDINC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The moving head disk (MHD) pair is in an inconsistent state. One disk should be active and the other should be offline.

73. DBMKNOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The mknod *UNIX*[®] system call failed to create a mount point for a directory.

74. DBMODACC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update accdict, the database access dictionary.

75. DBMODAMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A memory allocation failure occurred.

76. DBMODDEL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated during an SM core growth if oddcreat receives a failure from DBdeltup(), which indicates that an error occurred while deleting a tuple from a relation.

77. DBMODDINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBdintup() function failed.

78. DBMODDNXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBdrdnxt() function failed.

79. DBMODFILE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A file access failure occurred.

80. DBMODGPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A global parameter routine failed.

81. DBMODITUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An insert tuple failure occurred.

82. DBMODNXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) primitive DBxrdnxt() failed while trying to read the next tuple in the RLRT_DNMOD relation.

83. DBMODOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) open failure occurred.

84. DBMODEREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An open relation failure occurred.

85. DBMODRFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBdrfst() function failed.

86. DBMODRTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple read failure occurred.

87. DBMODTBGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A begin transaction failure occurred.

88. DBMODXRDFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) primitive DBxrdfst() failed while trying to read the RLRT_DNMOD relation.

89. DBMOUNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The mount() function failed to mount a *UNIX*® file system.

90. DBMSGENAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The msgenab() system call failed.

91. DBNAMTMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a non-redundant office dependent data (NRODD) growth, the AM timed out while waiting for an SM message. It is assumed that the SM NRODD growth process terminated. The ROP message states that the growth message must be re-entered.

92. DBNOOKPCOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not enable or close the communication between the *UNIX*[®] process and the operational kernel process (OKP) to allow or stop message traffic between SM and AM processes. Check the status of the affected AM processes and retry later.

93. DBNOOPSMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, no operational SMs could be found in the office.

94. DBNOSTODDG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not set the office dependent data (ODD) growth in-progress flag (the DDRODDGRW data delivery bit). Check the status of the affected processor and retry.

95. DBNOSTUGDD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office dependent data (UODD) growth process could not commit because it could not set the DDUNGRW data delivery bit.

96. DBNR1RECOV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrecsetup() function failed when it was called from the DBgrwrecov() function while trying to recover the SM office dependent data (ODD) hash files during a non-redundant ODD (NRODD) growth.

97. DBNR2RECOV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBreccomit() function failed when it was called by the DBgrwrecov() function while trying to set up the scratch file during a non-redundant office dependent data (NRODD) growth.

98. DBNR3RECOV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBreccomit() function failed when it was called from the DBgrwrecov() function while trying to recover the SM office dependent data (ODD) hashsum files during a non-redundant ODD (NRODD) growth.

99. DBNR4RECOV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrecsetup() function failed to set up the official and temp files when it was called from the DBgrwrecov() function during a non-redundant office dependent data (NRODD) growth.

100. DBNRBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the AM non-redundant growth process.

101. DBNRCLOSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not close a file. The close() system call failed.

102. DBNRDSEC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBcpy_cof() function could not seek to the non-redundant office dependent data (NRODD) section of the non-redundant common object file format (COFF) file. The growth will be aborted and any files for the growth SM will be removed.

103. DBNRNGMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was lost between the AM and the SM during a non-redundant office dependent data (NRODD) growth.

104. DBNRODDPUR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A previous non-redundant office dependent data (NRODD) growth did not terminate successfully; therefore, the ODD bitmap salvage technique (BST) may not run.

105. DBNRODSHK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, a size was entered for the non-redundant office dependent data (NRODD) in the ODDCREATE input message that attempted to shrink the NRODD from the default size. This is not allowed. The default size for the NRODD will be used and the growth will continue.

106. DBNRODSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, a size for the non-redundant office dependent data (NRODD) was entered with an ODDCREATE input message that was not on an 8K boundary. The growth will be stopped.

107. DBNRUPDATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read or update the RLSMCONF relation during an office dependent data (ODD) growth.

108. DBOFFSFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to compute global parameter offsets.

109. DBOFFS_NA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An offset calculation timed out; no acknowledgement was found.

110. DBOPENSEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to open a partition sequence.

111. DBOPTHDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBcpy_cof() function could not seek past the optional header of the non-redundant common object file format (COFF) file. The growth will be aborted and all files for the growth SM will be removed.

112. DBPARTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBno_part() function could not find any mounted SM office dependent data (ODD) partitions.

113. DBPICBINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk insert primitive for the RLPICB relation failed during ODDCREATE.

114. DBPICBNXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk read next primitive for the RLPICB relation failed during ODDCREATE.

115. DBPICBRFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disk read for the RLPICB relation failed during ODDCREATE.

116. DBPNXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the database (DB) set primitive DBxtsintup() failed while populating the RLRT_PDNTRAN relation.

117. DBPOPDNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to populate the RLRT_DNTRAN relation in the new SM failed.

118. DBPOPPDNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function that populates the RLRT_PDNTRAN relation returned failure.

119. DBPORTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to connect or detach from a port. Check the status of the affected processor and retry.

120. DBPRCALV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM office dependent data (ODD) growth and/or bitmap salvage technique (BST) recovery, the SM /no5odd/cpdata/DBgrwstate file indicated that an SM terminal process was executing an ODD growth or BST. However, no response was received after messages were sent to the process. Assume the SM terminal process no longer exists.

121. DBPRDNTAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function that populates the RLPR_DNTRAN relation in the growth or conversion process failed. The relation

could not be populated.

122. DBPRNXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) set primitive DBxstintup() failed while populating the RLPR_DNTRAN relation on the growth or converted SM.

123. DBPRXSRDTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the database (DB) set primitive DBxsrdtup() failed while populating the RLPR_DNTRAN relation.

124. DBPVTOT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The partition was not found in /dev/vtoc.

125. DBPXRDTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the database (DB) set primitive DBxrdtup() failed while populating the RLRT_PDNTRAN relation.

126. DBRANGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBno_part() function received an SM office dependent data (ODD) partition number from the mount command that was not within the valid SM ODD partition number range.

127. DBRCUMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received.

128. DBRDGET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to extract the header record of the system generation (SG) database.

129. DBRGCLOSF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBRdcff() function failed to close the common object file format (COFF) file.

130. DBRGOPENF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBRdcff() function failed to open a common object file format (COFF) file.

131. DBRGREADF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBRdcff() function failed to read the common object file format (COFF) file.

132. DBRGSEEKF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBRdcff() function called the fseek() function, but the fseek() function failed.

133. DBRMFILS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the Dkfiles() function returned GLFAIL, indicating that it was unable to remove the SM office dependent data (ODD) files for the growth SM.

134. DBRODDPUR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Prior to the bitmap salvage technique (BST), a redundant office dependent data (RODD) growth did not complete.

135. DBRSMOREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the DBrsmbgn() function, the DBopnrel() function was called; the DBopnrel() function failed.

136. DBRSVUCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not reserve the unit control block (UCB). The ursvuch() function call failed.

137. DBSACPRDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the RLPR_DNTRAN relation during stand alone conversion.

138. DBSECHDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBcpy_cof() function could not read a section header from the non-redundant common object file format (COFF) file. The growth will be aborted and the files for the growth SM will be removed.

139. DBSETIO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The setio() function call failed to initialize for physical I/O read of the offline disk.

140. DBSGMATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The block size in /dev/vtoc does not match the size found in the system generation (SG) database.

141. DBSKELFIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, the DBcpy_cof() function could not seek to the beginning of the office dependent data (ODD) skeleton file. The growth will be aborted and all files for the growth SM will be removed.

142. DBSTGRWST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in an attempt to write the updated growth state structure to the SM /no5odd/cpdata/DBgrwstate file on disk.

143. DBSYSTEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redundant office dependent data (RODD) bitmap salvage technique (BST) encountered a system error.

144. DBUGAMTMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM growth process timed out while waiting for a message from the SM unprotected office dependent data (UODD) growth terminal process.

145. DBUGMGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unprotected office dependent data (UODD) growth process in the AM received an inappropriate message from the SM UODD growth terminal process.

146. DBUGSDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not form a special device. The ugsdf() function call failed.

147. DBUGUCBN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access the unit control block (UCB). The ugucbn() function failed.

148. DBUODDSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, a size was input for the unprotected office dependent data (UODD) on the ODDCREATE input message that was not on an 8K boundary. The growth will be stopped.

149. DBUPDAUSR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received while adding a new group partitioned data (GPD) user using the DBaddusr() function.

150. DBUPDCKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, ODDCREATE received a failure from the DBupdckt() function indicating that the RLCKTDATA relation was not updated correctly for the growth SM. The growth will be aborted and all files for the growth SM will be removed.

151. DBUPDDGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received while deleting a group partitioned data (GPD) group using the DBdelgrp() function.

152. DBUPDDTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code was returned from a DBxdltp() or DBgdltp() primitive call.

153. DBUPDDUSR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received while deleting a group partitioned data (GPD) user using the DBdelusr() function.

154. DBUPDEMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No remote switching module (RSM) was assigned to the multi-module RSM (MMRSM) site. The RLCLIDAT relation did not have any RSMs assigned.

155. DBUPDGPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a failure return code while updating a global parameter using the DBupgparm() function.

156. DBUPDL_USE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The oddcreat tool received an error from DBupdl_use() indicating that the relation RLLNK_USE was not updated correctly for the growth SM. The growth will be aborted and all files for the growth SM will be removed.

Probable Cause:

Inability to access AM RLNLINK relation or corrupt office dependent data (ODD) skeleton files.

Action:

Product engineering control center (PECC) should be contacted for assistance.

157. DBUPDPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to close the communication port between *UNIX*[®] and the operational kernel process (OKP).

158. DBUPDPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, ODDCREATE received a failure from the DBupdparms() function indicating that the global parameters were not updated correctly for the growth SM. The growth will be aborted and all files for the growth SM will be removed.

159. DBUPDTEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a failure return code while committing an update transaction using the DBendtrn() function.

160. DBUPDUCOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After an update transaction failed to commit, the transaction failed to uncommit and restore the associated relations to their original values.

161. DBUPDUNIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is generated during an SM core growth if oddcreat receives a failure from DBupdunit() function, which indicates that the relation RLUNIT_CKT was not updated correctly for the growth SM. The growth will be aborted and all files for the growth SM will be removed.

162. DBXSINSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An insert set primitive call failed.

163. DBXSRDFSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read first set primitive failed.

164. DBXSRDNSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) read next set primitive call failed.

165. DBXSRDSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Some errors occurred while using a database (DB) subsystem "read set" primitive.

166. DBXTSINTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to the DBxtsintup() set primitive failed while trying to insert tuples into the SM.

167. DBZAPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During SM core growth, a call to the DBzaprel() function could not find the access dictionary entry for the relation.

Range: ddg**1. DGPE32 (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-recoverable paging internal error occurred.

2. DGPE33 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Paging received an unexpected message that was not related to paging. The message was discarded.

3. DGPE34 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM paging supervisor internal audit detected a problem. The queue was flushed and paging was reinitialized.

4. DGPE35 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recoverable paging system or system resource problem occurred.

5. DGPE36 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was lost by the system or received out of sequence; or the paging processes were out of step with each other. The current download in progress will be aborted and automatically retried.

6. DGPE37 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-recoverable paging system or system resource problem occurred.

7. DGPE38 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Paging detected a problem with the translation file(s) (could be /no5text/im/ASMpprogxf or /no5text/im/2Kpprogxf or both). Either paging could not access the file(s) or the requested product was missing from one of the two files.

8. DGPE39 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recoverable paging internal error occurred.

9. DGPE40 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Paging detected a problem with the product object file (usually a diagnostic product under /no5text/im/dn or /no5text/im/dn2k). Either the file name and path given in /no5text/im/ASMpprogxf or /no5text/im/2Kpprogxf could not be found or that product had an internal problem.

10. DGPE41 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recoverable internal paging resource problem occurred. This error may mean that the queue was full or there were too many retries.

11. DGPE42 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-AM diagnostic paging supervisor (CP-PAGS) could not send a message.

12. DGPE43 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-recoverable error occurred in the central processor-AM diagnostic paging child process (CP-IMCTL).

13. DGRXE1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) was already in a started state.

14. DGRXE2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) was not in a started state.

15. DGRXE3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) failed in an attempt to send a message to the human/machine interface (HM).

16. DGRXE4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CPREXS) failed in an attempt to send a message to the multi-module routine exercise control process (MM-REXC).

17. DGRXE5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) failed in an attempt to send a message to the deferred maintenance administrator and monitor (DMAM) process.

18. DGRXE6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) received a message from an invalid sender.

19. DGRXE7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) received an invalid message from the deferred maintenance administrator and monitor (DMAM) process.

20. DGRXE8 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) received an invalid message from the multi-module routine exercise control process (MM-REXC).

21. DGRXE10 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) encountered an unsuccessful database read.

22. DGRXE11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) equipage table index was out of range.

23. DGRXE12 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) failed to establish communication with the

multi-module routine exercise control process (MM-REXC).

24. DGRXE13 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) encountered an invalid test type.

25. DGRXE14 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor-CM routine exercise scheduler (CP-REXS) summary table index was out of range.

26. DGRXE15 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recvw() function failed in the DGrxrvmsg() function.

Range: dfp**1. INFPNOBSMS (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) requested fast pump (FPUMP) to start a broadcast pump, but the request did not contain any SMs.

2. INPLFMAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) found a log file with an invalid common object file format (COFF) magic number. The log file name is printed on the ROP. This log file cannot be pumped; thus, it cannot be roll-forwarded during INIT. This event is not fatal to the pump since log files are optional. The pump continues without the log file, and the SM may result in RC-BACKOUT.

3. INPUABRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), an E_ABORT event occurred.

4. INPUACKF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the completion code in the MGPURACK message was not success.

5. INPUADSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive addseg() failed.

6. INPUALCS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUMP's alocseg() primitive failed.

7. INPUALKS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), a DMERT primitive failed to lock a segment in main memory.

8. INPUALOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the INalocseg() function could not find a free segment to allocate.

9. INPUBADSCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected section name found in a relocatable file, but that section name is not known to the relocatable image map (RIM). Therefore, the unknown section will not be pumped since there is no information as to where it belongs in SM memory.

Probable Cause:

A new peripheral image has been added to "perf.out", but the corresponding changes have not been made in "relo_ptrs". NOTE: "perf.out" is the most likely file to cause this problem, however there are other relocatable files (RODD, log files).

Action:

The unknown section name is displayed on the ROP: REPT PUMP: UNKNOWN RELOCATABLE SECTION: xxx "/no5odd/cidata/relo_ptrs" needs to be updated with the new relocatable section name and its associated critical info (CI) pointer names. (i.e. "XXX Glxxsa Glxxea"). After "relo_ptrs" has been updated, invoke "rimgen" to regenerate the RIM.

10. INPUBLKB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) encountered a text/data request address that was not on a 2K boundary.

11. INPUBMAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), an invalid magic number was found in a disk image file. The file was not swabbed correctly for the 3B processor.

12. INPUCANC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) received a text/data request saying to terminate the previous request.

13. INPUCONP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive connport() failed to connect FPUMP to a valid port.

14. INPUCOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to open to the communications kernel process (CMKP).

15. INPUCPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive sendcpmsg() failed to send a message.

16. INPUDSKB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) encountered an invalid disk buffer state.

17. INPUEISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

FPUMP - Unknown or invalid generic issue found in pumplib.

18. INPUEVT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive event() failed.

19. INPUFCLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to close a disk file via the file manager.

20. INPUFDSK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the INfdskhd() function received the buffer state INEMPTY.

21. INPUFHF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) received FPFail from the fast pump facility handler (FPFH).

22. INPUFILMX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

FPUMP - more than 16 files for this IM.

23. INPUFIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) received a FINISH message in the INreceive() function.

24. INPUFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) encountered a fault entry.

25. INPUFODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to attach the AM office dependent data (ODD) to the protected application segment (PAS).

26. INPUFOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to open a disk file via the file manager.

27. INPUFPAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to attach to the protected application segment (PAS).

28. INPUFREE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP) an attempt to free a segment via the DMERT primitive freeseg() failed.

29. INPUGRSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive event() failed.

30. INPUINVEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) received an invalid event. The pump process is not terminated.

31. INPUINVMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) received an invalid message. The pump process is not terminated.

32. INPUJTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) or CMPPUMP could not find the jump-to-RAM address.

33. INPULBRQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) or CMPPUMP received an invalid phase 2 text/data request.

34. INPUMXB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the text/data byte counter exceeded the maximum number of bytes (16M).

35. INPUNOBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) could not read the RLSCONF relation, or found invalid data in the RLSCONF relation.

36. INPUNOCRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) found a "dummy" common object file format (COFF) section header for the database customer originated recent change (CORC) logging file, but the "real" COFF section header for the CORC logging file was not found. A CORC log file is missing (/smlog/im#corc where # is the SM number dumped).

37. INPUNOLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication to the SM being pumped was lost. PUMP will terminate, but this assert will not fire (that is, the code currently does not call this assert).

38. INPUNOSCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

FPUMP - Unable to find expected section name within the file.

39. INPUOACL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to close an AM office dependent data (ODD) file on the offline disk.

40. INPUOAOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to open an AM office dependent data (ODD) file on the offline disk.

41. INPUOARP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to read AM office dependent data (ODD) global parameters from the offline disk.

42. INPUOARR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) failed to read the AM office dependent data (ODD) relation RLSMCONF from the offline disk.

43. INPUPLVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) or CMPPUMP encountered an invalid pump level in a text/data request.

44. INPUPNSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive punswap() failed to make the pump process unswappable.

45. INPUPRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive setprior() failed to set the priority of the pump process.

46. INPUPTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) or CMPPUMP encountered an invalid pump type in a text/data request.

47. INPURCVM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), an invalid message was received in the INreceive() function.

48. INPUREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), a file manager read attempt failed.

49. INPURIMSUMERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

FPUMP has generated a different "sum" value over the relocatable image map (RIM) data than the sum value stored internally with the RIM.

Probable Cause:

Corruption of the disk file "/no5odd/cidata/rim.out".

Action:

Regenerate the RIM with the following command:

EXEC-UPROC: "/usr/bin/rimgen";

50. INPUSAEA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) received a text/data request with a starting address that is greater than its ending address.

51. INPUSDPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive sendport() failed to send a message.

52. INPUSEG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), a segment number exceeded the maximum value in the INseginfo() function.

53. INPUSFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive sendfault() failed to send a fault.

54. INPUSMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive sendmsg() failed to send a message.

55. INPUSTMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive setmap() failed.

56. INPUSZBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The section size is not a multiple of 2048 bytes. All pump files require section sizes to be a multiple of 2K bytes.

Probable Cause:

The file has been corrupted or improperly generated.

Action:

The pump will proceed with other sections but the bad section will not be pumped. Send the assert information to the local support organization to identify the bad section and get the file corrected.

57. INPUTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fast pump (FPUMP) timed out while waiting for a response from the SM after sending a FINISH message to the SM.

58. INPUULCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP), the DMERT primitive ulockseg() failed to unlock a segment in the pump process.

59. INPUWRDD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In fast pump (FPUMP) or CMPPUMP, the DDSWRITE() primitive failed.

60. INRIMFND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMPPUMP found a relocatable image map (rim.out) file listed in /no5text/filemaps/cmppmap1. The rim.out file is used for SM broadcast pumps only.

Probable Cause:

Corrupted CMP pump map file.

Action:

CMP pump will terminate. Investigate sanity of CMP pump map file and re-request the pump.

61. INTOFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A pump process was sent a fault, but the fault had not occurred within a reasonable amount of time.

62. INUPINCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMPPUMP detected an inconsistency between the program update (PU) patch counts in the patch count file on the AM disk and the patch counts in the active CMP. The PU is backed out of the standby CMP during pump.

To recover from this inconsistency, run the consistency check on the PU master control center (MCC) page, page 1950. When the consistency check completes, the standby CMP may be restored. This restore will pump the same image as is in the active CMP.

Range: dg**1. DGDATAPROB (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in transient data. Static office dependent data (ODD) is always assumed to be valid. Normally this problem indicates invalid data in a dynamic relation, but it could also indicate corrupted static data, an invalid input parameter to a function, an invalid return code from a function call, or a relation that could not be read.

Action:

Save the receive only printer (ROP) output and call for technical assistance.

2. DGPE1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was detected by one of the other paging processes. The in-progress download will be aborted.

3. DGPE2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Paging received a message out of sequence or timed out while waiting for a message, or the AM and SM processes are out of synchronization with each other.

4. DGPE3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown message (not related to paging) was received.

5. DGPE4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal paging resource error such as queue full, buffer full, or too many retries occurred.

6. DGPE5 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recoverable internal paging error occurred.

7. DGPE7 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The paging client was purged due to a timeout or single process purge (SPP) of the SM paging supervisor.

8. DGPE9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A paging non-fatal system resource failure occurred.

9. DGPE11 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A paging fatal system resource error occurred.

10. DGPE12 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A paging non-recoverable error occurred.

11. DGPE13 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid diagnostic (or other user) paged product was received. An invalid .tv or .text address, or other problem was detected during a download of the product.

12. DGRXSE0 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the human/machine interface (HM) when trying to update a routine exercise (REX) display page (128x, 1290, or 1271-1274).

13. DGRXSE1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) primitive OSsendmsg() failed to send a message from the central processor (CP) to the SM after repeated retry.

14. DGRXSE2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was sent from the central processor (CP) to an SM, but an acknowledgement was not received. This scenario was repeatedly retried before asserting (a 3 minute wait for each acknowledgement).

15. DGRXSE3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected in local routine exercise (REX) data.

16. DGRXSE4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) primitive OSatimer() returned an undefined tag.

17. DGRXSE5 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An undefined verbttype was received from the human/machine interface (HM) via the operating system for distributed switching (OSDS) primitive OSwgetmsg().

18. DGRXSE6 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsolicited message type was received from the operating system for distributed switching (OSDS) primitive OSwgetmsg().

19. DGRXSE7 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected during a local audit of the local database for the DGcprxc() function.

20. DGRXSE8 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the routine exercise (REX) scheduling table tuple of the recent change database.

21. DGRXSE9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The summary reply from the scheduler timed out.

Range: dhm**1. HM1_IMST (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module system test (SMST) process failed to connect to the port for receiving input messages.

2. HM2_IMST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module system test (SMST) process failed on a call to the msgenab() function.

3. HM3_IMST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module system test (SMST) process encountered an input message that was suspect due to its long length.

4. HM4_IMST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module system test (SMST) encountered an input message with an unknown message ID.

5. HMALM0 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to connect to a 3B port. See the 5ESS® Switch Input/Output Manual (235-600-700 and 235-600-750) for the OP:ST-PORTS and OP:ST-PROC messages to determine the status of the HMalm() process and port 60. If more than one version of HMalm() is executing, examine the craft interface integrity monitor (CMON) and user level automatic restart process (ULARP) files to determine if more than one entry exists for this process (it should only exist in the CMON file). If another process is connected to port 60, further investigation is required to correct the problem.

6. HMALM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to communicate with the craft interface integrity monitor (CMON). Problems exist that are external to this process. When the system is operating normally, enter STOP:EXC:DATA,ANY,FN=/no5text/hm/HMalm,UCL; at the master control center (MCC) to kill the alarm process (the CMON process will restart); or enter 15 (craft initialization) on the emergency action interface (EAI) page.

7. HMALM2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cannot enable message reception. Problems exist that are external to this process. When the system is operating normally, enter STOP:EXC:DATA,ANY,FN=/no5text/hm/HMalm,UCL; at the master control center (MCC) to kill the alarm process [the craft interface integrity monitor (CMON) will restart]; or enter 15 (craft initialization) on the emergency action interface (EAI) page.

8. HMALM4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the HMmccupd() function. Unable to update the alarm retire mode on Master Control Center (MCC) page 105. See the 5ESS[®] Switch Input/Output Manual (235-600-700 and 235-600-750) for the SET:ALMMDE message.

9. HMALM5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to send an alarm retire mode request to the alarm control process. When the system is operating normally, use the input message SET:ALMMDE to set the desired state.

10. HMALM6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alarm process could not communicate with the DMERT process monitoring the scan boards. The process will continue trying if this occurs during its initialization. Use the OP:STATUS:PROCESS command to determine if the process /prc/scsd is active. If this assert message is received during normal operations following an alarm control input command, check the acknowledgement message to determine if the action was completed internal to the alarm process before re-entering the command.

11. HMALM7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alarm process was unable to open the file containing alarm label and indicator information. If this occurs during process initialization, the alarm indicators on master control center (MCC) pages 105 and 119 will not be updated. If this occurs following a CHG:ALM command, the acknowledgement message will indicate the action taken by this process. If this occurs when the process is preparing an alarm report, the report will be sent with as much information as is available. This failure indicates problems outside the realm of this process that should be investigated.

12. HMALM8 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alarm process was unable to read the file containing alarm label and indicator information. If this occurs during process initialization, the alarm indicators on master control center (MCC) pages 105 and 119 will not be updated. If it occurs following a CHG:ALM command, the acknowledgement message will indicate the action taken by this process. If this occurs when the process is preparing an alarm report, the report will be sent with as much information as is available. This failure indicates problems outside the realm of this process that should be

investigated.

13. HMALM9 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the HMmccupd() function. The alarm process was unable to update alarm indicators following a CHG:ALM command. Check the acknowledgement message to determine the status of the request, and repeat the request later if necessary.

14. HMALM10 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the HMquemcc() function. Unable to update alarm indicator labels on master control center (MCC) pages 105 and 119. Problems exist that are external to this process. When the system is operating normally, enter 15 (craft initialization) on the emergency action interface (EAI) page or enter the command STOP:EXC:DATA,ANY,FN=/no5text/hm/HMalm,UCL; to restart the process, which will update the indicators.

15. HMALM11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to create a file containing alarm data following a reload or software release retrofit. Problems exist that are external to this process. When the system is operating normally, enter 15 (craft initialization) on the emergency action interface (EAI) page or enter the command STOP:EXC:DATA,ANY,FN=/no5text/hm/HMalm,UCL; to restart the process, which will create the file.

16. HMALM12 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to write a file containing alarm data following a reload or software release retrofit. Problems exist that are external to this process. When the system is operating normally, enter 15 (craft initialization) on the emergency action interface (EAI) page or enter the command STOP:EXC:DATA,ANY,FN=/no5text/hm/HMalm,UCL; to restart the process, which will update the file.

17. HMALM13 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the HMack() function. Unable to respond to an input message. Check the receive only printer (ROP) for an acknowledgement message.

18. HMALM14 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmsgtormap() function received a request for an operation to be performed at the SM Alarm Status Unit (ASU), but the operation is not valid.

19. HMALM15 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message from the scanner and signal distributor administrator (SCSDA) process contained a logical group from the equipment configuration data (ECD) that was not recognized by the alarm process. The message was discarded.

20. HMALM16 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ADMMSG message from the scanner and signal distributor administrator (SCSDA) process contained an unknown message type. The message was discarded.

21. HMALM17 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message from the scanner and signal distributor administrator (SCSDA) process contained a logical group or message type from the equipment configuration data (ECD) that was not recognized by the alarm process. The message was discarded.

22. HMALM18 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The alarm process was unable to locate scan point data in the file containing alarm label and indicator information. If this occurs during process initialization, the alarm indicators on master control center (MCC) pages 105 and 119 will not be updated. If this occurs following a CHG:ALM command, the acknowledgement message will indicate the action taken by this process. If this occurs when the process is preparing an alarm report, the report will be sent with as much information as is available. This failure indicates problems outside the realm of this process that should be investigated.

23. HMALM19 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process was trying to send a message to the receive only printer (ROP), and received an error return from the HMoutmsg() function. Check master control center (MCC) indicators on pages 105, 115, 116, 118, and 119 for a current alarm status for which messages may have been lost.

24. HMALM20 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMamfanrpt() function failed to access the ECD to read the data related to the AM CU Fan Alarms. Either the User Control Block (UCB) or Option Record (SCOPT_REC) could not be read due to corruption or incorrect population. Review of the stack back trace will determine which record failed.

25. HMALM21 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown error was returned in a message from the scanner and signal distributor administrator (SCSDA) process.

26. HMALM22 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the HMmccupd() function. Unable to update an alarm or inhibit indicator. If an inhibit or allow command was entered, check the acknowledgement message for the status of the request. The request may be repeated later to update the indicator. If an alarm message was received, the command STOP:EXC:DATA,ANY,FN=/no5text/hm/HMalm,UCL; may be entered to restart the process (any alarms will be reported again); or if the scan point can be inhibited, inhibit then allow the scan point [see the receive only printer (ROP) for the message designating the scan point] to report the alarm again and update the indicator.

27. HMALM23 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A remote reset acknowledgement from the scanner and signal distributor administrator (SCSDA) contained invalid data. If a remote reset (CLR) command was entered, check the receive only printer (ROP) for an acknowledgement message. Repeat the command later if necessary.

28. HMALM24 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the HMmccupd() function. Failed to write "INH" to an alarm indicator. Check the receive only printer (ROP) for an acknowledgement message or an automatic inhibit report. Problems exist that are external to this process. If this follows an INH command, re-enter the command when the system is operating normally to update the indicator correctly. If this follows an automatic inhibit message, the process will take automatic actions within 15 minutes.

29. HMALM26 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to locate data in a file containing alarm information. Problems exist that are external to this process. This failure is a result of an input command, check the acknowledgement message and repeat the command when the system is operating normally, if necessary.

30. HMALM27 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the HMmccupd() function. An attempt to update an inhibit indicator failed. Check the receive only printer (ROP) for an acknowledgement message or automatic inhibit report. Problems exist that are external to this process. If the failure is a result of an input command, when the system is operating normally,

repeat the command to update the indicator. If the failure is a result of an automatic inhibit action, this process will take action automatically within 15 minutes.

31. HMALM28 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization of the HM alarm process (HMALM), the advanced mobile phone service (AMPS) initialization function HMampinit() failed to access the display administration process (DAP) shared memory.

Probable Cause:

Failure to open a communication path between operating system for distributed switching (OSDS) and the HMALM process, obtain the shared segment location from the display administration process (DAP) system process, or place the segment into the HMALM process address space.

Action:

Process HMALM will re-initialize itself repeatedly in an attempt to correct the problem. If this assert fires more than a few times, enter 15 (craft initialization) on the emergency action interface (EAI) page.

32. HMALM29 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HM alarm process (HMALM) attempted to send a message containing the critical, major and minor alarm status of the switch to the SM module alarms process (HMMAP), but the sendpw() call failed. The executive cellular process (ECP) will not receive the current alarm status of the switch.

Action:

This failure indicates problems outside the realm of this process that should be investigated.

33. HMIRA_1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

UNIX[®] failure to SPRINTF when printing out an input message acknowledgment.

34. HMIRA_2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The displacement into a field was too large, it exceeded the word size.

35. HMIRA_4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid displacement into a structure, or an invalid shift into the word size occurred.

36. HMIRA_5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*® system failure occurred on a send to IOCMBDP.

37. HMIRA_6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*® system failure occurred on a send to the HMaban() function.

38. HMIRA_7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The setsize of a getkey was too small.

39. HMIRA_61 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*® system failure occurred on a receive message from the communications kernel process (CMKP).

40. HMIRA_62 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not open the communications kernel process (CMKP).

41. HMIRA_63 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TTY ID is O, which means that the HMCONT field cannot be filled in correctly.

42. HMIRA_65 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default, which is an invalid case, occurred. All possible cases for an enumeration were listed, but none satisfied the switch value.

43. HMIRA_66 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The client returned an invalid message type to the craft shell.

44. HMIRA_67 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The client returned an invalid process ID to the craft shell.

45. HMIRA_b (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The lla_get() primitive returned NULL.

46. HMIRA_c (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The lla_get() primitive returned IDERROR.

47. HMIRA_d (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The lla_nextsg() primitive returned EOS.

48. HMIRA_e (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The lla_nextsg() primitive returned IDERROR.

49. HMMCC_0 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendpw() primitive failed. It is not an indication of error if this assert occurs during a restart of the display administration process (DAP).

50. HMMCC_0 (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendpw() primitive failed.

51. HMMCC_1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The connport() primitive failed.

52. HMMCC_2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendw() primitive failed.

53. HMMCC_3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMMCC process failed to open enhanced confirmation prompt file /no5text/hm/.enhconf. Enhanced confirmation prompts cannot be retrieved into memory.

54. HMMCC_4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMMCC process failed to read a record from enhanced confirmation prompt file /no5text/hm/.enhconf. One or more enhanced confirmation prompts cannot be retrieved into memory.

55. HMMCC_5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMMCC process was unable to copy an enhanced confirmation prompt into memory.

56. HMMCC_6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the HMoutmsg() function.

Range: dhmo**1. HMLOG_0 (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the connport() function. The HMlogmap() function could not connect to its designated port.

2. HMLOG_1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the HMack() function.

3. HMLOG_2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the fopen() primitive. A logfile could not be opened for reading.

4. HMLOG_3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the HMoutmsg() function.

5. HMLOG_4 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a logfile message to the HMsip() function for printing, as requested by a DUMP:DAYLOG input message.

6. HMLOG_5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid verb field was found in an MGHMLPM message.

7. HMLOG_6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal message was sent to the HMlogmap() function.

8. HMLOG_7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the fclose() function. A logfile could not be closed.

9. HMLOG_8 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cannot enable message reception in a msgenab() function call.

10. HMLOG_9 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMlogmap() function encountered a logfile seek failure.

11. HMLOG_10 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMlogmap() function encountered a logfile read failure.

12. HMSIP_0 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure to connect to the PT_TTYO port occurred in a connport() function call.

13. HMSIP_1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cannot enable message reception in a msgenab() function call.

14. HMSIP_2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred when segments were allocated for a database build.

15. HMSIP_3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database cannot be opened for initialization.

16. HMSIP_6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a message size that is greater than the maximum size allowed.

17. HMSIP_7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure acknowledgment was received from the communications kernel process (CMKP).

18. HMSIP_8 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A communications kernel process (CMKP) close acknowledgment failed.

19. HMSIP_9 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send an open communication message to the communications kernel process (CMKP).

20. HMSIP_10 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to open a temporary file for a message.

21. HMSIP_11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to spool a message via splom().

22. HMSIP_13 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return was received from the HMstate() function.

23. HMSIP_15 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was received from a craft interface integrity monitor (CMON) acknowledgment via the sendw() primitive.

24. HMSIP_17 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown duplex multi-environment real-time operating system (DMERT) message type was received.

25. HMSIP_30 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the kill() primitive. A failure occurred while sending a signal to the HMlogmap() function.

26. HMSIP_32 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the fopen() primitive. A logfile could not be opened for writing.

27. HMSIP_33 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the fopen() primitive. A logfile could not be opened for reading.

28. HMSIP_34 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the fclose() primitive. A logfile could not be closed from reading.

29. HMSIP_35 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return size from the fread() function is not the proper size.

30. HMSIP_36 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return value was received from the fseek() function or the rewind() function.

31. HMSIP_37 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return value was received from the fwrite() primitive or the write() primitive.

Range: dmsdrv**1. SMDLCTBDATA (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) peripheral controller (PC) file download sequencer found invalid data in a PC file control table entry.

Probable Cause:

An MSKP environment software error corrupted the control table entry or the PC file download sequencer.

Action:

The control table entry will be reinitialized. Any in-progress PC download from disk request associated with the erroneous control table entry will fail. If necessary, the MSKP PC file audit will eventually recovery any lost AM memory resources. If the assert persists, provide data to the next level of support.

2. SMDLCT_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer found the PC download from disk control table full. The PC download from disk request will fail.

3. SMDLCT_HUNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to open to the communications kernel process (CMKP) during the software initialization phase.

4. SMDLDEIB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to download the ethernet interface board (EIB) failed or timed out.

Probable Cause:

The EIB.out image may be corrupted, the ethernet link (physical) to the EIB may be bad, or the EIB may be powered down.

Action:

Running module controller/time slot interchanger (MCTSI) diagnostics will also trigger diagnostics for the EIB. Note that EIB diagnostics will also try to download the EIB. If the download fails, then seek technical assistance for the following steps:

- (1) Verify EIB.out image in *UNIX*® System V is not corrupted. Log in to *UNIX*® System V terminal and check "/opt/ATT3bem/var/EIB.out" file (you can use the "sum" command).
- (2) Log in to *UNIX*® System V terminal and enter the ping command:

```
ping 192.11.150.1 (for side 0)
```

```
ping 192.11.150.2 (for side 1)
```

If response is "is alive" then the EIB ethernet link is okay. Run EIB diagnostics.

- (3) If step 2 fails, then make sure that the ethernet cable is connected to the EIB.
- (4) Replace EIB board.

5. SMDLER_CLOSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer failed to close a file on the AM disk. The PC download from disk request will fail.

6. SMDLER_GROW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer failed to grow an AM memory segment. The PC download from disk request will fail.

7. SMDLER_OPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer failed to open a file on the AM disk. The PC download from disk request will fail.

8. SMDLER_READ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer failed to read a file from the AM disk to AM memory. The PC download from disk request will fail.

9. SMDLER_SHRINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer failed to grow an AM memory segment. The PC download from disk request will fail.

10. SMDLINDEX_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer encountered an out of range PC download control table index. The PC download from disk request will fail.

11. SMDLLASTST_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) found a peripheral controller (PC) download file state that was invalid.

12. SMDLMSG_LOST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer did not get an acknowledgement message for a file manager message or memory manager message. The PC download from disk request will fail.

13. SMDLMSGPTR_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer received an invalid message buffer pointer. The PC download from disk request will fail.

14. SMDLNEQ_ODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer could not read the office dependent data (ODD) entry for PC n, or PC n is not equipped in the ODD. The PC download from disk request will fail.

15. SMDLNG_ODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer encountered an error in reading the office dependent data (ODD) for the PC. The PC download from disk request will fail.

16. SMDLNOTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer could not get a watchdog timer (or continuity timer) for the PC download from disk request. The PC download from disk request will fail.

17. SMDLRET_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMvert() function failed to validate the function pointer. The text image of /no5text/prc/mskp is questionable. Verify the disk and core image.

18. SMDLSMSG_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer could not send a DMERT file manager message or memory manager message. The system primitive `queuem()` did not return SUCCESS. The PC download from disk request will fail.

19. SMDLSTIMULI_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid input stimulus to the peripheral controller (PC) download from disk sequencer was encountered. The PC download from disk request will fail.

20. SMDLWAIT_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The wait list linkage for peripheral controller (PC) pump file acquisition was invalid. The wait list is a doubly linked list; either the forward or backward pointer was invalid.

21. SMDLWDTOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral controller (PC) download from disk sequencer timed out while waiting for a message acknowledgement. The PC download from disk request will fail.

22. SMEIBPING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet interface board (EIB) failed to respond to a status message request (ping) sent from MSKP.

Probable Cause:

1. The ethernet interface in the *UNIX*® System V may be bad.
2. The ethernet link (physical) to the EIB may be incorrectly connected.
3. The EIB board may be bad.

Action:

MSKP will escalate to an automatic re-download of the EIB image. If MSKP completes the download, then the EIB board may be bad. Request MCTSI diagnostics to run on the SM side where the EIB is not responding to pings. If diagnostics fails, replacement of the EIB board may be required.

23. SMERCMSIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 3bcmsim process running in *UNIX*® reported an error to message switch kernel process (MSKP). The `SMcmsim_error(3bcmsim_err, data1, data2)` was called to report this error.

Probable Cause:

The cause for the error is provided in first argument passed to `SMcmsim_err()`, see assert stack output to get error code. The error code, Mnemonic (used in 3bcmsim) and explanation follows:

1. SMBPQSIDEBAD - SSENDMSG request has bad bpq side
2. SMBADUNLOAD - unload pointers are bad or queue is empty
3. SMBADOUTBPQPTRS - bad output bpq pointers
4. SMUNITLENBAD - pic units and msg length mismatch
5. SMBADPICCMD - bad opcode in output bpq for a message
6. SMBADBPQPTRS - bad bpq pointers
7. SMMSGTOOBIG - message too big
8. SMINQFULL - input queue is full
9. SMCHANGEDLDP - load pointer change unexpected
10. SMMEMATER - can't attach to job tables
11. SM3BMEMATER - can't attach to 3b memory
12. SMSHREGER - can't attach to shared registers
13. SM2REQFPUMP - got more than one request to pump
14. SMPUMPBCP - NULL bcb pointer for fast pump
15. SMPUMPDMERTMEM - NULL DmertMem pointer for fast pump
16. SMFPUMPFail - call to SMfastpump failed
17. SMBADOP - EIBCNTL got a bad operation code
18. SMLINKERR - SMsip() failed; bad link
19. SMGETPGPTR - call to SMgetpgptr() failed
20. SMCPTO3B - call to SMcopyto3b() failed
21. SMCPFROM3B - call to SMcopyfrom3b() failed
22. SMNULLPTA - NULL PTA passed to 3BCMSIM
23. SMSRCHNLOCK - call to ioas_srchnlock() failed
24. SMETHERERR - ethernet interface error in *UNIX*® SV
25. SMOPENETDEV - failed to open ethernet dev
26. SMREADETDEV - read from ethernet device failed
27. SMWRTETDEV - write to ethernet device failed

28. SMCPIERR - 3bcmsim error when processing CPI request

Action:

Error types 1-9 should be cleared by a re-boot of *UNIX*[®]-RTR. Errors 10-12 May require a re-boot of *UNIX* SV (see below). Error 13-16 may be ignored unless they prevent a successful pump of the SM. If that is the case, may require manual re-boot of *UNIX*[®] RTR. Error 17 should be cleared after a re-boot of *UNIX*[®]-RTR. Error 18 is due to a SIP link error when 3bcmsim tried to send a message to the EIB. MSKP will re-start 3bcmsim or re-boot *UNIX*[®]-RTR to clear problem. Errors 19-22 are due to some memory corruption. A re-boot of *UNIX*[®]-RTR should clear problem. Errors 23 may be due to 3bemulator job queue entries for 3bcmsim may be corrupted. If *UNIX*[®]-RTR re-boot does not clear problem, re-boot *UNIX*[®] SV. Errors 24-27 are due to calls to ethernet *UNIX*[®] SV functions are failing. If problem is not cleared after a *UNIX*[®] SV re-boot, the ethernet board in the workstation may be bad. Seek technical assistance to verify functionality of ethernet board in workstation.

In general, MSKP will try to escalate to a re-start of 3bcmsim or to a re-boot of the *UNIX*[®]-RTR AM, to clear the problem. If the error is not cleared by a re-boot of *UNIX*[®]-RTR, a manual re-boot of *UNIX*[®] SV will be required: go to EIA page and enter poke 58.

24. SMFDLKFP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the foundation peripheral controller (FPC) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/FPCCM20000000 or /no5text/prc/FPCCM100000000; verify their existence and protection modes.

25. SMFDLKMM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the module message processor (MMP) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/MMPCM200000000 or /no5text/prc/MMPCM100000000; verify their existence and protection modes.

26. SMFDLKMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the message switch control unit (MSCU) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/MSUCM200000000; verify its existence and protection modes.

27. SMFDLKPP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the pump peripheral controller (PPC) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/PPCCM200000000 or /no5text/prc/PPCCM100000000; verify their existence and protection modes.

28. SMFPACKM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send an acknowledgment message to the originator. Could be a problem in the message switch kernel process (MSKP) environment primitive SMmsgack().

29. SMFPBPMB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the foundation peripheral controller (FPC) handler, the immediate return from the SMgetpmort() function failed on reading the post mortem data.

30. SMFPCNSRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read or write block message was sent to the foundation peripheral controller (FPC) handler with the message source field not set. The source field should be set in the message.

31. SMFPCRTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) handler timed out on retrieving core error data.

32. SMFPDELT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a timer from the message switch kernel process (MSKP). Could be a problem in the MSKP environment timing primitive, or the timer was never on the timing list.

33. SMFPDEQM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to queue a message on the in-progress (IP) queue for the foundation peripheral controller (FPC). Could be a problem in the message switch kernel process (MSKP) environment queue primitive.

34. SMFPEQID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid eqid variable was returned from the message switch kernel process (MSKP). Could be a problem in the MSKP environment or the foundation peripheral controller (FPC) handler.

35. SMFPERTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The error pending flag was set without the error timer being set. Could be a problem in the message switch kernel process (MSKP) environment or the foundation peripheral controller (FPC) handler.

36. SMFPERTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A foundation peripheral controller (FPC) handler timeout error was reported.

37. SMFPHDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the direct memory access (DMA) job number with the segment ID in the message switch kernel process (MSKP) handler.

38. SMFPHSER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not send an error message to switch maintenance error recognition (SMER). Could be a problem between the message switch kernel process (MSKP) environment and the switch maintenance kernel process (SMKP), or the foundation peripheral controller (FPC) handler is sending the wrong size or type of message.

39. SMFPIPMB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data about the post mortem buffer was saved in dynamic data in the foundation peripheral controller (FPC) handler.

40. SMFPIVFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid fault index was returned from the message switch kernel process (MSKP). Could be a problem in the MSKP environment.

41. SMFPMBDM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PMB message address was not found. Could be a problem in the message switch kernel process (MSKP) environment or the foundation peripheral controller (FPC) handler.

42. SMFPMSGGB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid information was encountered in a message from the message switch kernel process (MSKP). Check the dump of the message for incorrect information.

43. SMFPOVFM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to move a message from the overflow queue to the in-progress (IP) queue for the foundation peripheral controller (FPC). Could be a problem in the message switch kernel process (MSKP) environment queue primitive.

44. SMFPPICR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct memory access (DMA) number was encountered in a response from the peripheral interface controller (PIC).

45. SMFPQUEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to queue a message on the in-progress (IP) queue for the foundation peripheral controller (FPC). Could be a problem in the message switch kernel process (MSKP) environment queue primitive.

46. SMFPRDST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure was encountered for the foundation peripheral controller (FPC). Could be a problem in the switch maintenance kernel process (SMKP) database primitive.

47. SMFPREQT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get a timer from the message switch kernel process (MSKP). Could be a problem in the MSKP environment timing primitive.

48. SMFPSEGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the segment ID in the message switch kernel process (MSKP) handler.

49. SMFPSFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A software fault was returned from the message switch kernel process (MSKP). Could be a problem in the MSKP

environment, the foundation peripheral controller (FPC), or the FPC handler.

50. SMFPTEIV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The in-progress (IP) queue was empty or had an invalid entry in the foundation peripheral controller (FPC) handler.

51. SMFPTINX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistent timer value was returned from a message switch kernel process (MSKP) timeout. Could be a problem in the MSKP environment timing primitive, or the timer index in the foundation peripheral controller (FPC) dynamic data is wrong.

52. SMFRAMFP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the foundation peripheral controller (FPC) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/FPCCM20000000 or /no5text/prc/FPCCM100000000; verify their existence and protection modes.

53. SMFRAMMM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the module message processor (MMP) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/MMPCM200000000 or /no5text/prc/MMPCM100000000; verify their existence and protection modes.

54. SMFRAMMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the message switch control unit (MSCU) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/MSUCM200000000; verify its existence and protection modes.

55. SMFRAMPP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) request for the pump peripheral controller (PPC) random access memory (RAM) file from disk failed. Check the disk for the file /no5text/prc/PPCCM200000000 or /no5text/prc/PPCCM100000000; verify their existence and protection modes.

56. SMFRAMQP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to download the quad-link gateway processor (QGP) random access memory (RAM) file from disk to AM core memory during an AM initialization.

Probable Cause:

Either the QGP RAM file does not exist on disk, is incorrectly specified in the office dependent data (ODD), or a software or hardware error occurred during the download of the QGP disk file to AM core memory. Other error reports will identify the exact nature of the problem.

Action:

Verify the QGP RAM file "/no5text/prc/QGPCM2OPER.out" exists on disk, has a non-zero size, is readable by others, and is contiguous.

Verify a tuple exists for QGP 0-0 in the SPC relation on the AM and that its "pcfilenm" attribute contains "QGPCM2OPER.out".

If the above items prove true, or if the problem recurs after correcting these items in the manner described, then provide error data to the next level of support.

57. SMINITCMSIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Request to the 3bemulator to start the 3bcmsim process (that runs in the *UNIX*® System V environment) has failed.

Probable Cause:

1. The 3bcmsim process may be corrupted.
2. The 3bcmsim process may not have executable permissions.
3. System resources (such as shared memory or semaphores) may be incorrect/corrupted, which prevents 3bcmsim from starting and "attaching" to 3bemulator shared memory.

Action:

Message switch kernel process (MSKP) will automatically escalate to a re-boot of *UNIX*®-RTR. If the problem persists, seek technical assistance to check the following:

1. Log in to a *UNIX*® System V terminal and:
Make sure that 3bcmsim process (in *UNIX*® System V file system "/opt/ATT3bem/bin/3bcmsim") has executable permissions.
Verify that 3bcmsim is not corrupted (use sum command and make sure it matches version from another site).
2. If step "1." fails to correct the problem, then re-boot the *UNIX*® system. Go to the emergency action interface (EAI) page on the MCC and enter poke 58.

58. SMIPDELFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment failed to delete a timer during a communication module processor (CMP) initialization.

59. SMIPINCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment detected an invalid completion code. An invalid completion code was passed to the SMipsend() function on an error or abort event.

60. SMIPINDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) detected an invalid direct memory access (DMA) job number during the communication module processor (CMP) initialization.

61. SMIPINEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment received an invalid event from a message, response, or timeout.

62. SMIPINET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment detected an invalid communication module processor (CMP) initialization event. An invalid event was passed to one of the CMP initialization functions.

63. SMIPINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment received an invalid timer type during the communication module processor (CMP) initialization.

64. SMIPINPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment detected an invalid communication module processor (CMP) initialization pump type.

65. SMIPINPL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MKSP) environment detected an invalid communication module processor (CMP) initialization pump level.

66. SMIPINPTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment detected an invalid message or response pointer. An invalid message or response pointer was passed to one of the communication module processor (CMP) initialization functions.

67. SMIPINPUCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment received an invalid or failure message from the pump control (PUCR) process or communication module processor (CMP) pump during the CMP initialization.

68. SMIPINST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment detected an invalid communication module processor (CMP) initialization state.

69. SMIPRTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment failed to request a timer during the communication module processor (CMP) initialization.

70. SMIPTONP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment timed out on a non-deferred communication module processor (CMP) initialization.

71. SMIPVERFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment failed to verify that a timer was pending.

72. SMIQDELFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMDeltime() failed to delete an outstanding timer during a quad-link gateway processor (QGP) initialization, indicating the QGP's dynamic initialization data contains an invalid timer index.

Probable Cause:

Either the MSKP environment dynamic data associated with the QGP phase 1/phase 2 initialization is corrupted (most likely) or the MSKP environment timing table is corrupted. Both are indicative of software errors.

Action:

Provide data to the next level of support.

73. SMIQINCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid completion code was passed to a quad-link gateway processor (QGP) initialization function during the failure or abort of a QGP initialization.

Probable Cause:

A software error occurred during a QGP phase 1/phase 2 initialization failure or abort.

Action:

Provide data to the next level of support.

74. SMIQINDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

sp Problem:

The message switch kernel process (MSKP) environment service routine SMdeldma() failed to delete a DMA job number during a QGP initialization, indicating the QGP initialization control table contains an invalid DMA job number.

Probable Cause:

A software error during QGP phase 1/phase 2 initialization corrupted the QGP initialization control table.

Action:

Provide data to the next level of support.

75. SMIQINEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected or invalid timeout occurred during a quad-link gateway processor (QGP) initialization. While the timeout type is valid, the timeout data disagrees with the QGP's dynamic initialization data.

Probable Cause:

Either a QGP phase 1/phase 2 initialization timer was not correctly deleted (most likely), the message switch kernel process (MSKP) environment dynamic data associated with the QGP phase 1/phase 2 initialization is corrupted, or the MSKP environment timing table is corrupted. All three are indicative of software errors.

Action:

Provide data to the next level of support.

76. SMIQINET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid initialization event - something other than a control, response, timeout, or delayed return event - was passed to a quad-link gateway processor (QGP) initialization function.

Probable Cause:

A software error occurred during the QGP phase 1/phase 2 initialization.

Action:

Provide data to the next level of support.

77. SMIQINFLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Following an apparently successful download of the quad-link gateway processor (QGP) random access memory (RAM) file from disk, the QGP download from disk delayed return entry function found an invalid number of segments and/or an invalid file size in the image's main segment control table.

Probable Cause:

A software error during the download of the QGP disk file to AM core memory corrupted the main segment control table.

Action:

Provide data to the next level of support.

78. SMIQINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer timeout containing an invalid timeout type was received during a quad-link gateway processor (QGP) initialization.

Probable Cause:

Either a QGP phase 1/phase 2 initialization timer was created with an invalid timeout type (most likely) or the message switch kernel process (MSKP) environment timing table is corrupted. Both are indicative of software errors.

Action:

Provide data to the next level of support.

79. SMIQINPCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The phase 2 and/or phase 3 pump buffer loaded counters in the quad-link gateway processor (QGP) initialization control table are out of range.

Probable Cause:

A software error during QGP phase 1/phase 2 initialization corrupted the QGP initialization control table.

Action:

Provide data to the next level of support.

80. SMIQINPL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid pump level was found in the quad-link gateway processor (QGP) initialization control table.

Probable Cause:

A software error during QGP phase 1/phase 2 initialization corrupted the QGP initialization control table.

Action:

Provide data to the next level of support.

81. SMIQINST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid pump state was found in the quad-link gateway processor (QGP) initialization control table.

Probable Cause:

A software error during QGP phase 1/phase 2 initialization corrupted the QGP initialization control table.

Action:

Provide data to the next level of support.

82. SMIQRTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMreqtime() failed to obtain a timer during phase 1 or phase 2 of a quad-link gateway processor (QGP) initialization.

Probable Cause:

The millisecond time value and/or the timeout entry function parameters passed to SMreqtime() by the QGP phase 1/phase 2 initialization code were invalid (software error), the MSKP environment timing table is corrupted (software error), or a timer could not be obtained from *UNIX*[®]-RTR (UNIX-RTR resource shortage or *UNIX*[®]-RTR software error).

Action:

Provide data to the next level of support.

83. SMIQTORQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) phase 1/phase 2 initialization timed out. That is, the overall "sanity" timer on the message switch kernel process (MSKP) environment portion of the QGP initialization (SMinit_qgp()) expired.

Probable Cause:

A software error placed the QGP phase 1/phase 2 initialization code in an insane state wherein no forward progress was being made on the QGP initialization.

Action:

Provide data to the next level of support.

84. SMKPADMA_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to assign a direct memory access (DMA) job number. The DMA map table was full, the eqid variable was invalid, the main store (MAS) buffer virtual address was invalid, or the segment ID for the MAS buffer was invalid. The DMA task was aborted.

85. SMKPBADCRAFT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) found the craft attempting to change the unit control block (UCB) record for a message switch (MSG) while the MSG was still active.

86. SMKPCMKP_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to open the communication path through the communications kernel process (CMKP) initialization.

87. SMKPDREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned failure.

88. SMKPDGNST_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A diagnostic message received by the message switch kernel process (MSKP) indicated that the unit [message switch control unit (MSCU), foundation peripheral controller (FPC), pump peripheral controller (PPC), or module message processor (MMP)] was in the wrong state. Diagnostics will be terminated.

89. SMKPD Mert (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) call to the ptimer() function failed.

90. SMKPEQID_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid equipment ID was encountered. This will usually result in the hardware recovery of the associated unit.

91. SMKPERDGET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) call to the equipment configuration database (ECD) read primitive lla_rdget() failed.

92. SMKPEUCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) found an incorrect equipment configuration database (ECD) unit control block (UCB) record for a message switch (MSGs).

93. SMKPMBUF_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to get a DMERT message buffer. This might be due to an improper message buffer request, or there are no DMERT message buffers available.

94. SMKPMPORT_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to attach to the PT_MSGS system message port. This indicates a serious software problem. The DMERT event entry to MSKP was left disabled. MSKP cannot receive timeout or message events.

95. SMKPMQBAD (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A handlers message queue was found to be invalid.

Probable Cause:

Software error.

Action:

Reinitialize that handlers message queue.

96. SMKPMMSG_UNKN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A unknown message was received by the message switch kernel process (MSKP). The message header will be printed in the assert output and the message will be freed by MSKP.

97. SMKPOORTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid timeout value was encountered.

98. SMKPLAC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) found a timeout value in its timing table that is out of range (OOR) or unsorted, or the table linkage is broken.

99. SMKPTA_NG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) could not get a page table address for a direct memory access (DMA) job. The virtual address of the buffer and/or segment ID for the buffer is invalid. The DMA task was aborted.

100. SMKPRADD_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid function return address [not in the transfer vector (TV) table] was encountered in the peripheral controller (PC) initialization or PC postmortem dump service routine. Control could not be returned to the caller (user).

101. SMKPS7RECOV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Software errors, internal to the message switch kernel process (MSKP), exceeded the threshold. Software level 7 recovery was requested.

102. SMKPSEG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid segment ID was found in the direct memory access (DMA) map table. The corresponding memory segment could not be unlocked (I/O lock). The entry was re-initialized.

103. SMKPSEQIP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) sequence-in-progress indicator, used in the peripheral controller (PC) initialization and PC postmortem dump routines, was found in an invalid state. The PC initialization or PC postmortem task was terminated.

104. SMKPSMSG_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) failed to send a DMERT message. Either the destination process does not exist, or the destination process is unable to receive the message.

105. SMKPSW_FLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) received a DMERT software fault. Software recovery, internal to the MSKP, was initiated.

106. SMKPTTBL_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) timing table was full. The table was re-initialized and all timers deleted.

107. SMKPTTEN_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry was found in the message switch kernel process (MSKP) timing table. The entry was ignored.

108. SMKPTTLK_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid linkage was found in the message switch kernel process (MSKP) timing table. The table was re-initialized and all timers deleted.

109. SMKPUCBR_UNKN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown unit control block (UCB) record ID in the equipment configuration database (ECD) was received by the message switch kernel process (MSKP) in a DMERT fault message. The message was rejected. This will impact message switch control unit (MSCU) hardware recovery.

110. SMKPUSTRACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment received a message indicating that *UNIX*[®]-RTR (the operating system) was unable to deliver a message sent by MSKP. This problem means that MSKP sent a message to an active *UNIX*[®] process and that *UNIX*[®] process terminated before receiving/processing the message. As part of terminating a *UNIX*[®] process, *UNIX*[®]-RTR returns all messages to the sender marked USRACK (0x80) in the *UNIX*[®]-RTR message header type field (ms_type). The message returned by *UNIX*[®]-RTR is printed as part of the assert output and the message buffer is freed.

Probable Cause:

Abnormal termination of a *UNIX*[®] process.

Action:

If the assert persists, provide data to the next level of support.

111. SMMMABTDGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMabortdgn() failed to abort diagnostics as requested by the module message processor handler (MMPH).

112. SMMMABTSRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMabortsr() failed to abort an in-progress MSKP service routine as requested by the module message processor handler (MMPH).

113. SMMMBADEQID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed an invalid physical ID to one of the module message processor handler's (MMPH) entry points.

114. SMMMBADFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed an invalid fault code to the module message processor handler's (MMPH) fault entry point. This fault entry will be ignored.

115. SMMMBCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid input parameter was passed to a module message processor handler (MMPH) function. This type of error indicates a serious software inconsistency in the MMPH.

116. SMMMBSTE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic status of a module message processor (MMP) was in an invalid state.

117. SMMMBTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid timeout type was encountered. This error indicates a software inconsistency problem in the module message processor handler (MMPH) or message switch kernel process (MSKP) environment.

118. SMMMBXMIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMxmitcmd() function failed to transmit a message from the module message processor handler (MMPH) to

the message switch (MSGs).

119. SMMMDBFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database function DBfrdtup() failed to read the office dependent data (ODD) for a module message processor (MMP). This error could be caused by invalid data in the ODD for an MMP.

120. SMMMDELDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMdeldma() failed to delete a direct memory access (DMA) job number as requested by the module message processor handler (MMPH).

121. SMMMDELTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMdelttime() failed to delete an outstanding timing request for the module message processor handler (MMPH).

122. SMMMDQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMdequemsg() failed to de-queue a message from a module message processor's (MMP) queue as requested by the module message processor handler (MMPH).

123. SMMMEACKM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMmsgack() failed to send an acknowledgment message as requested by the module message processor handler (MMPH).

124. SMMMEASNDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message kernel process (MSKP) service routine SMasndma() failed to assign a direct memory access (DMA) job number for a module message processor (MMP) DMA sequence.

125. SMMMEDEQMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor handler (MMPH) de-queued an invalid message from a module message processor's (MMP) queue. This type of error indicates a serious software inconsistency problem in the MMPH.

126. SMMMEDMAJN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMtdeldma() failed to delete an in-progress direct memory access (DMA) job number as requested by the module message processor handler (MMPH).

127. SMMMEFSET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor's (MMP) error flag should not be set. This error indicates a serious software inconsistency in the module message processor handler (MMPH).

128. SMMMEGPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMgetpmort() failed in starting a module message processor's (MMP) post mortem direct memory access (DMA).

129. SMMMEGPTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMgetpta() failed to get a page table address for a module message processor (MMP) direct memory access (DMA) sequence.

130. SMMMEMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was sent to the module message processor handler (MMPH). This message will be marked failed and returned to the sender.

131. SMMMETIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment entered the module message processor handler (MMPH) with an invalid timing index number.

132. SMMMISEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor handler (MMPH) failed a software defensive check on a module message processor (MMP) maintenance (MTCE) sequence. This error indicates a software inconsistency problem in the MMPH.

133. SMMMMTIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor handler (MMPH) was processing a message for a module message processor (MMP) and found the MMP's message queue empty. This type of error indicates a serious software inconsistency in the MMPH.

134. SMMMOTIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMovftoip() failed to move a message from the overflow section to the in-progress section of the message queue for a module message processor (MMP).

135. SMMMPCINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMpcinit() failed to start the download sequence for a module message processor (MMP).

136. SMMMQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMquemsg() failed to queue a message as requested by the module message processor handler (MMPH).

137. SMMMRDSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database routine SMddread() failed to read the dynamic status of a module message processor (MMP) as requested by the module message processor handler (MMPH).

138. SMMMRQTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMreqtime() failed to get a timing request for the module message processor handler (MMPH).

139. SMMMSDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMsendmsg() failed to send a message as requested by the module message processor handler (MMPH).

140. SMMMSFE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid data value was passed into a module message processor handler (MMPH) function. This value will be changed to some default or maximum value.

141. SMMMTOMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A module message processor (MMP) block message timeout occurred. This type of error indicates a software inconsistency problem, or the module message processor handler (MMPH) sequence timers are too long.

142. SMMMUNLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMunlock() failed to unlock 3B memory as requested by the module message processor handler (MMPH).

143. SMMMVREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMvertime() failed to verify if a timing request remains outstanding for the module message processor handler (MMPH).

144. SMMSATTECD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ecd_dbatt() function returned a failure response to the message switch control unit (MSCU) handler when attempting to attach to the data directory and database. This problem may be caused by an equipment configuration database (ECD) problem.

145. SMMSBADEQID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid equipment identifier was passed to a function in the message switch control unit (MSCU) handler.

146. SMMSBADFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler received a fault code from the message switch kernel process (MSKP) or DMERT that it could not identify.

147. SMMSBADSQIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout routine in the message switch control unit (MSCU) handler received a sequence in-progress indicator that it did not expect.

148. SMMSBADTEXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler received a fault code from the message switch kernel process (MSKP) or DMERT that it was unable to identify.

149. SMMSBPIQFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A full base priority input queue was detected by the message switch control unit (MSCU) handler via an asynchronous response from the MSCU hardware.

150. SMMSDDREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned a failure response to the message switch control unit (MSCU) handler indicating that the database cannot be read.

151. SMMSDELDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMdeldma() function returned a failure response to the message switch control unit (MSCU) handler when attempting to delete a direct memory access (DMA) job number.

152. SMMSDELTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMdelttime() function returned a failure response to the message switch control unit (MSCU) handler when attempting to delete a timer that was set up.

153. SMMSDISAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The disabintr() function returned a failure response to the message switch control unit (MSCU) handler when attempting to disable the MSCU interrupts.

154. SMMSDQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMdequemsg() function returned a failure response to the message switch control unit (MSCU) handler when attempting to remove a message from the in-progress queue.

155. SMMSEACKM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMmsgack() function returned a failure to the message switch control unit (MSCU) handler indicating that DMERT message buffer resources may be low.

156. SMMSEASNDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMasndma() function returned a failure response to the message switch control unit (MSCU) handler when attempting to assign a direct memory access (DMA) job number.

157. SMMSEATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The atchdata() function indicated that the equipment configuration database (ECD) does not contain two message switch control unit (MSCU) unit control blocks (UCBs). This problem is most likely due to errors in creating or modifying the ECD.

158. SMMSEDMAJN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMmsrs1() function in the message switch control unit (MSCU) handler expected to find a direct memory access (DMA) job number in its restore sequence, but the DMA number was not there.

159. SMMSEECD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler detected an invalid u_mv field in a unit control block (UCB) in the equipment configuration database (ECD).

160. SMMSEGPTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMgetpta() function returned a failure response to the message switch control unit (MSCU) handler when attempting to get a map table address.

161. SMMSEIATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The atchintr() function returned a failure response to the message switch control unit (MSCU) handler when trying to attach to the MSCU's interrupt.

162. SMMSELLA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 11a_rdget() function returned a failure response to the message switch control unit (MSCU) handler when attempting to locate the unit control blocks (UCBs) for each record identification number (RID) in the msarray[] array. This problem is probably caused by an equipment configuration database (ECD) problem.

163. SMMSEMPROC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler received a request to perform a job while another job was still in progress.

164. SMMSEMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler received an invalid message. An acknowledgment will be returned to the caller indicating that the operation failed.

165. SMMSENINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The enabintr() function returned a failure response to the message switch control unit (MSCU) handler when attempting to enable the MSCU interrupts.

166. SMMSESND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMsendmsg() function returned a failure response (SMFAIL9) to the message switch control unit (MSCU) handler when requested to send a message to update the peripheral interface controller (PIC) translation table.

167. SMMSETIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read peripheral interface controller (PIC) random access memory (RAM) sequence timed out in the message switch control unit (MSCU) handler and the timer indices are not consistent.

168. SMMSEUCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 11a_rdgct() function returned an invalid unit control block (UCB) to the message switch control unit (MSCU) handler while searching the msarray[] array for UCBs associated with record identification numbers (RIDs). This problem is probably caused by an equipment configuration database (ECD) problem.

169. SMMSFATAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A fatal software error was detected in the message switch control unit (MSCU) handler. An error will be reported to MSCU fault recovery.

170. SMMSFILENG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler could not get the random access memory (RAM) file for the MCTU2 from the AM disk. The message switch kernel process (MSKP) environment service routine SMDlfdsk() failed.

171. SMMSFUCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 11a_rdgct() function cannot locate both message switch control unit (MSCU) unit control blocks (UCBs). This is probably caused by an equipment configuration database (ECD) problem.

172. SMMSINCMVINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler can not determine the vintage of the office. The database parameters SMCM0VINT or SMCM1VINT are in an invalid state.

173. SMMSINCTI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed an invalid control table index to the message switch control unit (MSCU) handler's restore (RST) function SMmsrst2(). This index is used to locate the random access memory (RAM) file for the MCTU2 in AM memory (core).

174. SMMSINPFS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler's random access memory (RAM) file history table is in an invalid state.

175. SMMSLCREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that low core is either inaccessible or contains invalid data.

176. SMMSMTIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler attempted to acknowledge a message, but the in-progress queue was empty. An error is reported to MSCU fault recovery.

177. SMMSODDER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler received a read failure return code from the DBfrdtup() primitive. DBfrdtup() could not read data from the office dependent data (ODD) database.

178. SMMSODDNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler received a NO MATCH return code from the database primitive DBfrdtup(). DBfrdtup() could not find a tuple for the MSCU2 in the office dependent data (ODD).

179. SMMSOTIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMovftop() function returned a failure response to the message switch control unit (MSCU) handler when attempting to move a message from the overflow queue to the in-progress queue.

180. SMMSPUMPNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler detected an invalid restore (RST) sequence. The dynamic data or the in-progress (IP) queued message is corrupted.

181. SMMSQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMquemsg() function returned a failure response to the message switch control unit (MSCU) handler when requested to insert a message into the MSCU overflow queue.

182. SMMSREQTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMreqtime() function returned a failure response to the message switch control unit (MSCU) handler while attempting to set up a timer.

183. SMMSRQTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMreqtime() function returned a failure response to the message switch control unit (MSCU) handler when attempting to set up a timer.

184. SMMSSEQINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid sequence in-progress indicator was detected by the message switch control unit (MSCU) handler.

185. SMMSUNLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid segment ID was detected in a message to the message switch control unit (MSCU) handler.

186. SMPIABTDGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to abort an in-progress diagnostic.

187. SMPIABTSRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to abort an in-progress message switch kernel process (MSKP) environment service routine.

188. SMPIBADEQID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received an invalid equipment ID.

189. SMPIBADFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received an invalid fault code.

190. SMPIBCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received an invalid completion code.

191. SMPIBTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received an invalid timeout type.

192. SMPIBXMIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to send a command due to invalid input parameters to the message switch kernel process (MSKP) environment service routine SMxmitcmd().

193. SMPIDELDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to delete a direct memory access (DMA) job number.

194. SMPIDELTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to delete a timer.

195. SMPIDQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to de-queue a message.

196. SMPIEACKM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to acknowledge a message.

197. SMPIEASNDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to assign a direct memory access (DMA) job number.

198. SMPIEDEQMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) de-queued an invalid message.

199. SMPIEDMAJN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to request a time delay deletion of a direct memory access (DMA) job number.

200. SMPIEGPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to get the post mortem data for the CMP.

201. SMPIEGPTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to get a page table address for a direct memory access (DMA) request.

202. SMPIEMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received an invalid message.

203. SMPIETIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received an invalid or old timeout index.

204. SMPRISEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) detected an invalid maintenance (MTCE) sequence.

205. SMPIMTIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) detected that its message queue was empty while processing a maintenance (MTCE) request.

206. SMPLOTIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to move a message from the overflow section to the in-progress section of the message queue.

207. SMPIQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to queue a message.

208. SMPIRDSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to read the system state or processor ID for the CMP.

209. SMPIRQTFail (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to request a timer.

210. SMPISDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to send a message.

211. SMPISFE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) received a software fault.

212. SMPIUNLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to unlock a segment.

213. SMPIVREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor handler (CMPH) failed to verify that a timer was pending.

214. SMPPACKM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send an acknowledgment message to the originator. There may be a problem in the message switch kernel process (MSKP) environment primitive SMmsgack().

215. SMPPDELT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a timer from the message switch kernel process (MSKP). There may be a problem in the MSKP environment timing primitive, or the timer was never on the timing list.

216. SMPPDEQM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to queue a message on the in-progress (IP) queue for the pump peripheral controller (PPC). Could be a problem in the message switch kernel process (MSKP) environment queue primitive.

217. SMPPEQID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid equipment ID was returned from the message switch kernel process (MSKP). There may be a problem in the MSKP environment or the pump peripheral controller handler (PPCH).

218. SMPPERTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The error pending flag was set without the error timer being set. Could be a problem in the message switch kernel process (MSKP) environment or the pump peripheral controller (PPC) handler.

219. SMPPHSER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Can not send an error message to switch maintenance error recognition (SMER). Could be a problem between the message switch kernel process (MSKP) environment and the switch maintenance kernel process (SMKP), or the pump peripheral controller (PPC) handler is sending the wrong size or type of message.

220. SMPPIVFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send an acknowledgment message to the originator. Could be a problem in the message switch kernel process (MSKP) environment primitive SMmsgack().

221. SMPPMBDM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PMB message address was not found. Could be a problem in the message switch kernel process (MSKP) environment or the pump peripheral controller (PPC) handler.

222. SMPPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid information was found in a message from the message switch kernel process (MSKP). Check the message dump for incorrect information.

223. SMPPOVFM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to move a message from the overflow queue to the in-progress (IP) queue for the pump peripheral controller (PPC). Could be a problem in the message switch kernel process (MSKP) environment queue primitive.

224. SMPPICR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct memory access (DMA) number was encountered in a response from the peripheral interface controller (PIC).

225. SMPPQUEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to queue a message on the in-progress (IP) queue for the pump peripheral controller (PPC). Could be a problem in the message switch kernel process (MSKP) environment queue primitive.

226. SMPPRDST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure was encountered for the pump peripheral controller (PPC). Could be a problem in the switch maintenance kernel process (SMKP) database primitive.

227. SMPPREQT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get a timer from the message switch kernel process (MSKP). There may be a problem in the MSKP environment timing primitive.

228. SMPPSFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A software fault was returned from a message switch kernel process (MSKP). Could be a problem in the MSKP environment, the pump peripheral controller (PPC), or the PPC handler.

229. SMPPTINX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistent timer index was returned from a message switch kernel process (MSKP) timeout. Could be a problem in the MSKP environment timing primitive or the timer index in the pump peripheral controller (PPC) dynamic data is wrong.

230. SMQGABTSRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMreqtime() failed to abort an in-progress MSKP environment service routine for the quad-link gateway processor (QGP) initialization.

231. SMQGBEQID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed an invalid quad-link gateway processor (QGP) equipment ID to one of the QGP handler's entry points.

232. SMQGBFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed the quad-link gateway processor (QGP) handler's process fault entry point an invalid or unexpected fault code.

233. SMQGBTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed the quad-link gateway processor (QGP) handler an invalid or unexpected timeout type. This error is indicative of a software inconsistency problem in the QGP handler or the MSKP environment.

234. SMQGBXMIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler failed to transmit a command to the message switch because the message switch kernel process (MSKP) environment service routine SMxmitcmd() failed due to invalid parameters.

235. SMQGDDIIPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler detected an inconsistency between a QGP's dynamic data and data in the in-progress maintenance request message.

236. SMQGDELDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMdeldma() failed to delete a direct memory access (DMA) job number for the QGP handler.

237. SMQGDELTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) service routine SMdelttime() failed to delete an outstanding timer for the QGP handler.

238. SMQGDQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMdequemsg() failed to dequeue an in-progress quad-link gateway processor (QGP) maintenance message for the QGP handler.

239. SMQGEACKM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMmsgack() failed to acknowledge a message for the QGP handler.

240. SMQGEASNDMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMasndma() failed to obtain a direct memory access (DMA) job number for the quad-link gateway processor (QGP) handler.

241. SMQGEDMAJN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMtdeldma() failed to delete an in-progress direct memory access (DMA) job number for the quad-link gateway processor (QGP) handler.

242. SMQGEFSNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler found a QGP's error reported flag set, but there was no pending error flag timer for the QGP.

243. SMQGEGPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMgetpmort() failed to start a quad-link gateway processor's (QGP's) post mortem direct memory access (DMA) in the QGP handler.

244. SMQGEGPTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMgetpta() failed to obtain a page table address for a quad-link gateway processor (QGP) handler direct memory access (DMA) sequence.

245. SMQGEIPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler found invalid data in a QGP's in-progress maintenance request message.

246. SMQGEMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler received a message containing invalid data.

247. SMQGETIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment passed the quad-link gateway processor (QGP) handler an invalid or out of date timer index.

248. SMQGEUAMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While processing a block message timeout, the quad-link gateway processor (QGP) handler found that all QGP units specified in the message had completed the requested action, but the message had not been acknowledged back to its originator; that is, the message was inexplicably "hung" inside the QGP handler.

249. SMQGIPMEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler found a QGP's message queue empty while processing a

maintenance request for that QGP.

250. SMQGISEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link gateway processor (QGP) handler found an invalid or unexpected sequence state in a QGP's sequence in-progress flag.

251. SMQGOTIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the quad-link gateway processor (QGP) handler, the message switch kernel process (MSKP) environment service routine SMovftop() failed to move a message from the overflow section to the in-progress section of a QGP's message queue.

252. SMQGQFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMquemsg() failed to queue a message for the quad-link gateway processor (QGP) handler.

253. SMQGRDSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMddread() failed to read the system state or interrupt inhibit status of a quad-link gateway processor (QGP) for the QGP handler.

254. SMQGRQTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMreqtime() failed to obtain a timer for quad-link gateway processor (QGP) maintenance activity in the QGP handler.

255. SMQGUNLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) environment service routine SMunlock() failed to unlock an AM memory segment for the quad-link gateway processor (QGP) handler.

256. SMREQCMSIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to send a command to the 3bcmsim (via the 3bemulator), has failed.

Probable Cause:

1. Shared memory for 3bcmsim job entries in 3bemulator memory space may be corrupted.
2. 3bcmsim may not be running.

Action:

Message switch kernel process (MSKP) will try to restart 3bcmsim.

If the error prevents level 3 communication with the SM, MSKP will request a re-boot of *UNIX*® RTR.

If the problem persists, re-boot *UNIX*® System V:

Go to EIA page and enter poke 58.

If the *UNIX*® re-boot does not clear the problem, then there may be disk corruption. Follow procedures to recover disk from tape backups.

257. SMRSTCMSIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

MSKP is requesting the 3bemulator to re-start the 3bcmsim process.

Probable Cause:

1. MSKP detected that 3bcmsim is not running.
2. MSKP will re-start 3bcmsim, to try to recover from a level 3 link failure (such as no operating system for distributed switching (OSDS) messages between AM and SM).

Action:

If level 3 is not up after several (less than 10) re-starts of 3bcmsim, MSKP will escalate to a re-boot of *UNIX*® RTR.

If the re-boot of *UNIX*® RTR does not clear the problem, seek technical assistance to:

1. Re-start *UNIX*® System V: go to EIA page and enter poke 58.
2. IF "1." does not clear the problem, then make sure that the ethernet interface boards (EIBs) are working and the ethernet connection is correct:

Log in to *UNIX*® System V and ping the EIBs: use the "ping" command,
 ping UN362.0 (side 0),
 ping UN362.1 (side 1)

If the EIB does not answer to the "ping", then check the ethernet cable connection and replace the EIB board.

258. SMVTOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMvtop() call failed (requested by SMbpqptrs() in MSKP) to get a physical address for a base priority queue (BPQ) pointer.

Probable Cause:

Corrupted BPQ pointers or segment/page tables in *UNIX*® RTR memory.

Action:

Message switch kernel process (MSKP) will escalate into a re-boot of *UNIX*® RTR. If problem persists, the software in disk may be corrupted. Follow procedure to recover from disk corruption (dead start procedure).

259. SMWLIST_FILL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) found the message switch (MSGs) random access memory (RAM) code file wait list full.

Range: doff**1. SIHMOUTFAIL (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The /no5text/prc/Sloffn *UNIX*[®] process attempted to print an output message using the HMoutmsg() primitive, but a failure occurred. One off-normal output message is lost for each assert occurrence. The data to be printed for the off-normal report is in the data dump for local data associated with this assert. The lost off-normal output message may be dumped manually to try to get the correct information. No operational problems are caused by this assert.

2. SIINITFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The /no5text/prc/Sloffn *UNIX*[®] process could not initialize correctly and performed suicide. The user level automatic restart process (ULARP) will restart the *UNIX*[®] process until it initializes correctly. The DMERT primitive connport() or msgenab() failed; this would not have allowed the process to have message communication with other processes.

3. SINOBCRESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The /no5text/prc/Sloffn *UNIX*[®] process could not send a signal to the /no5text/hm/HMsip *UNIX*[®] process. The HMsip() function was probably terminated at the instant of this assert, but it should be re-created by the craft interface integrity monitor (CMON).

The counters used in performing system level brevity control may not have been reset when they should have been. As a result, more output messages may be discarded since the counts are artificially high. The brevity control counters will be reset normally in the next 5 minutes by the periodic timer within the Sloffn() function the function will generate another signal to the HMsip() function.

4. SINOLGRESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The /no5text/prc/Sloffn *UNIX*[®] process could not send a signal to the /no5text/hm/HMsip *UNIX*[®] process. The HMsip() function was probably terminated at the instant of this assert, but it should be re-created by the craft interface integrity monitor (CMON).

The data in the off-normal logging output message is affected because the counts used to detect an off-normal condition were not reset after checking them. At the next (15 minute) reporting time, the counters will be artificially large because they represent two intervals of logging. This next cycle also causes the reset signal to be sent to the HMsip() function to have the counts decremented. Logging of output messages is not affected.

5. SIUNXPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The /no5text/prc/Sloffn *UNIX*® process received an unexpected message that could not be processed. This represents a problem with the sender of the message. The received message buffer is in the data dump containing the local data associated with this assert. The message is ignored and normal processing is resumed.

6. SIUNXSMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The /no5text/prc/Slimgcomp UN*X process attempted to send a message using the sendpw primitive but there was a failure. The result of this is the loss of response to the Backup Control Process. Eventually this process will timeout or Backup Control will kill it. A new process will be created if more compression requests exist. If a compression is interrupted it will not be retried. To retry this compression, a backup of that processor must be repeated.

Range: dpucr**1. INBPADSG (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) could not allocate one of the segments that was used to access the off-line copy of the RLSMCONF relation to its virtual address range. The RTR addseg() primitive call failed. PUCR is purged to clean up its segment table.

2. INBPALCS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) could not allocate one of the segments that was used to access the off-line copy of the RLSMCONF relation despite having free slots in its segment list. This probably results from having no free segments in the RTR swap space. PUCR is purged to clean up its segment table.

3. INBPALKS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Broadcast pump could not lock the segment allocated for the off-line RLSMCONF relation into memory. Pump control (PUCR) cannot determine the off-line configuration, and the broadcast off-line pump is blocked. PUCR is purged to clean up its segment table.

4. INBPALOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) could not allocate one of the segments that was used to access the off-line copy of the RLSMCONF relation because there were no free slots in its segment list. This may occur after repeated INBPFREE assert errors. PUCR is purged to clean up its segment table.

5. INBPAODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) failed to attach the office dependent data (ODD) segments to its segment table. PUCR will be purged.

6. INBPBADP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) could not read the RLSMCONF relation, or the SM configuration value was invalid. This SM cannot be included in a broadcast pump.

7. INBPBADS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) uses the INoflbss.state variable to track its progress while reading the off-line office dependent data (ODD) during a broadcast off-line text pump. The state variable was in an invalid state. This prevents a clean release of the segments used for reading the off-line disks. PUCR will be purged to clean up its segment table.

8. INBPFREE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) could not release one of the segments that was used to access the off-line copy of the RLSCONF relation. This may result in PUCR using extra memory, and eventually PUCR will not be able to access the off-line office dependent data (ODD). (See the INBPALOC assert).

9. INBPNOSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The first entry on the pump queue was a broadcast text pump, but the corresponding bit map was empty. The queue audit was called.

10. INBPOAOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Broadcast pump failed to open the AM office dependent data (ODD) on the off-line disk. Pump control (PUCR) cannot determine the configuration of the SM on the new software release, and the broadcast pump is blocked. All off-line pumps from the off-line disks will be stopped.

11. INBPOARP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Broadcast off-line pump failed to read the office dependent data (ODD) parameter area from the off-line disk. Pump control (PUCR) cannot determine the SM's configuration on the off-line software release, and the broadcast pump is blocked. All off-line pumps from the off-line disks will be stopped.

12. INBPOARR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Broadcast pump attempted to read the off-line office dependent data (ODD) relation RLSCONF, but the read failed. Pump control (PUCR) cannot determine the SM configuration on the off-line image, and the off-line pump is blocked. All off-line pumps from the off-line disks will be stopped.

13. INBPSIZE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INallocseg() function was called with a size of greater than one segment, or a negative value. Pump control

(PUCR) resets the value to the maximum segment size and proceeds.

14. INBPSMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Broadcast pump attempted to send a message to the file manager while reading the off-line copy of the RLSCONF relation, but the RTR sendmsg() primitive returned failure. All off-line pumps from the off-line disks will be stopped.

15. INBPSTMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) could not set the access mode for one of the memory segments used to access the off-line copy of the RLSCONF relation. The RTR primitive setmap() returned failure. PUCR is purged to clean up its segment table.

16. INBPTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) timed out while attempting to read the RLSCONF relation from the off-line disks. All off-line pumps from the off-line disks will be stopped.

17. INPCABORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) received an E_ABORT event. This assert is expected if CM isolation is entered during an SM pump.

18. INPCAETN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A pump process had a state of created, but the pump type of the active entry is null. An attempt is made to correct the pump type.

19. INPCBPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) encountered an invalid port that was specified with the portid() primitive.

20. INPCCONTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) created a child process and timed out while waiting for the child process to connect to its port.

Probable Cause:

This process did not have a chance to run because of a lack of AM real-time.

Action:

PUCR continues with the next pump request. It will eventually retry this pump request.

21. INPCCRTE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) failed to create a PUMP process.

22. INPCCRTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) timed out while waiting for an acknowledgement of creation (of the FPUMP or CTSPUMP process) from the process manager.

23. INPCDQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In pump control (PUCR), no message was queued for the INDequeue() function.

24. INPCDTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) timed out while waiting for a termination message after terminating a child process.

25. INPCFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) received a fault entry.

26. INPCFTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout occurred while waiting for a child process fault acknowledgement.

27. INPCGTMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DMERT primitive getmsg() did not return SUCCESS.

28. INPCINVEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Pump control (PUCR) received an invalid event.

29. INPCINVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Pump control (PUCR) received an invalid message.

30. INPCMNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Failed to mount the updtmp partition.

31. INPCNODIR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Prior to mounting a partition to a directory, pump control (PUCR) requested status on that directory and received an indication that there were problems with the directory. The partition will not be mounted.

32. INPCNOPUMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A pump process exists for a processor that is not currently pumping. The pump process is faulted.

33. INPCOPN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Pump control (PUCR) failed to open with the communications kernel process (CMKP).

34. INPCORPHAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
During a periodic check, pump control (PUCR) detected that a child process was alive but there were no pump requests in the associated queue.

Probable Cause:
Last pump failed to kill the child process after completion.

Action:
PUCR will kill the orphaned process and continue.

35. INPCPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The connport() primitive failed to connect pump control (PUCR) to a port.

36. INPCPRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) received failure from the setprior() primitive.

37. INPCQFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not load a pump request into a queue, the queue is full.

38. INPCSCPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DMERT sendcpmsg() primitive failed.

39. INPCSFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In pump control (PUCR), the sendfault() primitive failed.

40. INPCSMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendmsg() primitive failed.

41. INPCSDPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) received failure from the sendport() primitive.

42. INPCSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid pump process state was detected in the pump queues.

43. INPCSWAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control (PUCR) received failure from the punswap() primitive.

44. INPCTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to terminate a pump process.

45. INPCTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout occurred while waiting for a pump process terminate acknowledgement.

46. INPCTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In pump control (PUCR), an invalid type of pump was requested.

47. INPUEISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PUCR found an invalid rISMCONF version ID in pumplib

Probable Cause:

The mount offline process (MOP) process did not correctly set this value or MOP was not run prior to executing ST-OPUMP using the offline disks.

Action:

Check that MOP is setting the rISMCONF version correctly.

48. PUCR23 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump control's (PUCR) first-in first-out (FIFO) load pointer was out of range.

Range: drclg**1. DBAUDRECV (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rcvbw() function failed to receive a message from the logging process.

2. DBAUDSENDP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendpw() function failed to send a message from the RCsoddaud() process to the logging process.

3. DBAUDTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The audit type was incorrect.

4. DBLGBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was encountered.

5. DBLGBDPROC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. An attempt was made to send a message to an invalid processor.

6. DBLGBFD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. Invalid file data was encountered.

7. DBLGBGD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. Invalid semi-global data was encountered.

8. DBLGBMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid message data was encountered. An unreadable message was received in recent change (RC) or customer originated recent change (CORC) logging.

9. DBLGBPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. Invalid parameter data was encountered.

10. DBLGCLOSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. An attempt to close a file failed.

11. DBLGCORC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid customer originated recent change (CORC) logging data was received by CORC logging.

12. DBLGCREAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. An attempt to create a file failed.

13. DBLGDD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. Data delivery (DD) calls failed.

14. DBLGHMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. The HMoutmsg() function failed.

15. DBLGLSEEK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. The lseek() function failed.

16. DBLGMALLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The *UNIX*[®] process was not able to allocate the required memory using malloc().

17. DBLGNA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. No acknowledgement was received.

18. DBLGOPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An open() function call failed to open the requested file.

19. DBLGPSSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sendw() function failed.

20. DBLGQUEFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The customer originated recent change (CORC) job queue was full. In AM CORC logging, a *UNIX*[®] process (rcv/lglog) receives the CORC logging job and puts it into a job queue.

21. DBLGRDGPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBrdgparm() function failed to return the value of the global parameter that was requested. If this happened in response to a roll forward, retry the roll forward using the manual command EXC:ODDRCVY. See the Input Messages Manual for the options to this message.

22. DBLGREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to read from a file, the read() function call failed. The file that was being read will be closed.

23. DBLGRECV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recvw() function failed to return a message of the specified type.

24. DBLGSCALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. A system call failed.

25. DBLGSEEK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change (RC) logging and recovery error occurred. The lseek() function failed.

26. DBLGSENDP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*® process could not send a message through a port to the operating system for distributed switching (OSDS) or to another *UNIX*® process. The sendpw() function call failed.

27. DBLGSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*® stat() function failure occurred in recent change (RC) recovery code.

28. DBLGWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to write to a file, the write() function returned a failure. The file that was being written to will be closed.

29. DBLMFSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort function failed when attempting to create a temporary file. All related files will be removed automatically, and the incremental audit will proceed normally.

30. DBLMFSLs (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort process (DBlogmfs) failed when attempting to access the logfile status file used in SODD test mode.

31. DBLMFSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort function found an unexpected

operation within one of the log files. The log file entry will be ignored and the function will proceed normally.

32. DBLMFSRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort function failed when it received an invalid return code from the read() function. All related files will be removed automatically, and the incremental audit will proceed normally.

33. DBLMFSSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort function failed when it received an invalid return code from a system call. All related files will be removed automatically, and the incremental audit will proceed normally.

34. DBLMFSSK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort function failed when it received an invalid return code from the lseek() function. All related files will be removed automatically, and the incremental audit will proceed normally.

35. DBLMFSWR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit's log file merge/fold/sort function failed when it received an invalid return code from the write() function. All related files will be removed automatically, and the incremental audit will proceed normally.

36. DBLOGTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected log type was encountered during the automated static office dependent data (SODD) audit log file access tree building process. The valid types are CORCLOG, RCLOG, and REDLOG.

37. DBLTCLOSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automated static office dependent data (SODD) audit log file access functions error occurred. An attempt to close a file failed.

38. DBLTCREAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automated static office dependent data (SODD) audit log file access functions error occurred. An attempt to create a file failed.

39. DBLTFLUSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated static office dependent data (SODD) audit log file access tree flush function DBLgflush() returned failure.

40. DBLTLSEEK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automated static office dependent data (SODD) audit log file access functions error occurred. The lseek() function failed.

41. DBLTMALLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The malloc() function returned failure on an automated static office dependent data (SODD) audit log file access process request to allocate a 128K buffer.

42. DBLTOPEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An open() function call failed to open the requested file for automated static office dependent data (SODD) audit log file access functions.

43. DBLTREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to read from a file, the read() function call failed for automated static office dependent data (SODD) audit log file access functions.

44. DBLTSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automated static office dependent data (SODD) audit log file access error occurred. The *UNIX*®stat() function failed.

45. DBLTTAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected function tag was found in the recent change (RC) log file during the automated static office dependent data (SODD) audit log file access tree building process.

46. DBLTWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to write to a file, the write() function call returned a failure for automated static office dependent data (SODD) audit log file access functions.

47. DBNAUDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recvw() function received a message with the wrong message ID.

48. DBOPENPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the *UNIX*[®] logging processes (lglog, lgcntl, lgcr, or lgroll) could not set up a dynamic port that was requested by the communications kernel process (CMKP). If this problem was caused by an input command, then retry the command.

49. DBRFCMPABT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Roll forward completed unsuccessfully on a mate CMP. The roll forward pseudo update bus function failed; therefore, the mate CMP is OOD. A request to remove the mate CMP from service was sent to switch maintenance.

50. DBRFDDPHY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A physical data delivery (DD) primitive failed for roll forward.

51. DBRFPCRCNV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function was called to convert a CMP logical ID to a physical ID. SMddread() returned something other than SMDBOK.

52. DBRFPHYCNV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function was called to convert a CMP physical ID to a logical ID. SMddread() returned something other than SMDBOK.

53. DBRFSCMPNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBcmpchk() function returned failure indicating that this process was not notified for more data for the standby CMP roll forward in the last ten minutes. The standby CMP went down or hardswitched and did not contact this process. If a hardswitch occurred without starting roll forward, the manual request for roll forward on the new active CMP should be performed.

Range: dsmkp**1. SM7SK_Q_ERR (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) discovered an error in the task queue structure.

2. SM54BADACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an acknowledgment from the wrong person, or received an invalid acknowledgment.

3. SM60BADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DMERT message MS_TYPE is wrong as the input to SMincnt.c.

4. SMAUBADT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an invalid audit message. This assert is located in the LIFR source file SMIifr.c.

5. SMAUBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an invalid error request to call SMinker.c. The error message should be from the input/output processor (IOP). This assert is located in the LIFR source file SMIifr.c.

6. SMAUBINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an initialization request from a function other than initialization configuration. This assert is located in the LIFR source file SMIifr.c.

7. SMAUBMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message was not an INHIBIT or ALLOW request. This assert is located in the link interface fault recovery (LIFR) source file SMli_ia.c.

8. SMAUBREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an unknown request. This assert is located in the LIFR source file SMLifr.c.

9. SMAUBRMU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link interface (LI) remove request was encountered. This assert is located in the link interface fault recovery (LIFR) source file SMLifr.c.

10. SMAUBRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received a restore message that was not from initialization configuration or configuration control. This assert is located in the LIFR source file SMLifr.c.

11. SMAUBSDE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link interface (LI) side request was encountered. This assert is located in the link interface fault recovery (LIFR) source file SMLi_ia.c.

12. SMAUBSNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid byte count or side was sent to the foundation peripheral controller (FPC). This assert is located in the link interface fault recovery (LIFR) source file SMLiprims.c.

13. SMAUBSTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The link interface (LI) was requested to be in a state other than active force or active minor. This assert is located in the link interface fault recovery (LIFR) source file SMLirst.c.

14. SMAUBSWT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an invalid switch message. The link interface (LI) switch message should be from configuration control. This assert is located in the LIFR source file SMLifr.c.

15. SMAUBTYM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid TTY input message was encountered. This assert is located in the link interface fault recovery (LIFR) source file SMLifr.c.

16. SMAUBTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an unknown request. This assert is located in the LIFR source file SMLifr.c.

17. SMAUCLK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface fault recovery (LIFR) received an invalid network clock (NCLK) message. This assert is located in the LIFR source file SMLifr.c.

18. SMAURFLK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link interface (LI) network clock (NCLK) request was encountered. This assert is located in the link interface fault recovery (LIFR) source file SMLireflk.c.

19. SMAURTER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown return was received from the SMerr() function. This assert is located in the link interface fault recovery (LIFR) source file SMLinker.c.

20. SMAUTADT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A link interface (LI) configuration status audit timeout occurred. This assert is located in the link interface fault recovery (LIFR) source file SMLiadt.c.

21. SMAUTLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A link interface (LI) timeout occurred from a message sent to the inhibit interrupt administrator (IIA) with the status of the LI interrupts. This assert is located in the link interface fault recovery (LIFR) source file SMLinker.c.

22. SMAUTPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout occurred. This assert is located in the link interface fault recovery (LIFR) source file SMIiprims.c.

23. SMBACTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Received the wrong type of message.

24. SMBADACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Switch maintenance control (SMC) received an acknowledgment message with an unrecognizable ms-ident field.

25. SMBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Received a message with the wrong target or state, or the message was received from the wrong group.

26. SMBADODD (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Corrupt ODD or PCD is found.

27. SMBADPAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
During a switch, the wrong case value or parameter was specified.

28. SMBADPCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Peripheral configuration data (PCD) was incorrect.

29. SMBAD_TOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Switch maintenance control (SMC) detected an error in the timing queue structures.

30. SMBAD_USTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Switch maintenance control (SMC) discovered an SMC process in an illegal state.

31. SMBADhHMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message to SM configuration control from the human machine (HM) module alarm process had an invalid action. The message buffer is first on the stack.

32. SMBDCALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMincmf() function code was invalid. The initialization configuration will terminate itself.

33. SMBDINCV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received an invalid initialization level in a message from switch maintenance control (SMC). SMC is implicated.

34. SMBDMSTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The body of a message from the input/output driver (IODRV) to initialize a message interface control unit (MICU) was wrong.

35. SMCILBLCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The blocking class of a switch maintenance control (SMC) process had an illegal value.

36. SMCMKPCLOF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process failed to send close translation entry request to communications kernel process (CMKP).

Probable Cause:

UNIX® sendpw process failure or CMKP software error.

Action:

Provide data to the next level of support.

37. SMCMKPNOACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process failed to receive acknowledgement after sending a request to communications kernel process (CMKP) to acquire translation entry.

Probable Cause:

UNIX[®] recvw process failure.

Action:

Try opst-qlnet command again. If a failure results again, then provide data to the next level of support.

38. SMCMKPOPNF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communications kernel process (CMKP) could not open a translation entry for the quad-link packet switch fault recovery (QLFR) craft *UNIX*[®] process.

Probable Cause:

System resource shortage.

Action:

Provide data to the next level of support.

39. SMCNOPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) received a failure acknowledgment in response to the CMOPEN message.

40. SMCNOPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) attempted to send a message to a DMERT process, but found the process had not attached to its port.

41. SMCNTDGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switching module (PSM) could not send a message to diagnostics.

42. SMCONAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not connect to the port PT-APRTS in the *UNIX*[®] process SMaprts().

43. SMCPRCSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance kernel process (SMKP) received a software fault or a DMERT level was running. All switch maintenance control (SMC) data structures with the wrong description will be initialized.

44. SMCRIT_VIOL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance control (SMC) user process attempted to enter a critical region while in an illegal state. A second occurrence should cause a switch maintenance kernel process (SMKP) initialization.

45. SMCSWFLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance kernel process (SMKP) received a software fault while switch maintenance control (SMC) was running. All SMC data structures will be initialized.

46. SMDMACTION (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The action field of an input message contained an unknown action.

47. SMDMAMVRFERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process received an invalid input parameter from SMDmam/SMstout/SMstqnet function.

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

48. SMDMBADLOG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in the physical to logical translation for a valid unit.

49. SMDMBADQREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request was found on the deferred maintenance administrator and monitor (DMAM) queue. The request will be aborted.

50. SMDMCMKP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The deferred maintenance administrator and monitor (DMAM) failed to establish communication with the communications kernel process (CMKP).

51. SMDMCONPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to connect to a port failed.

52. SMDMDDREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DDread() function.

53. SMDMDLINF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request on the deferred maintenance administrator and monitor (DMAM) queue was not found in the dual link interface (DLI) history array. The request will be aborted.

54. SMDMETYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown event type was received by the deferred maintenance administrator and monitor (DMAM).

55. SMDMFRDTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return was received from the DBfrdtup() function.

56. SMDMGDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Global data used by deferred maintenance administrator and monitor (DMAM) functions was out of range.

57. SMDMILLID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal unit identification was received for updating maintenance display pages.

58. SMDMINVDLI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request was found in SMdimp[], the dual link interface (DLI) history array. Running DLI requests may be aborted.

59. SMDMINVUNIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit type was received by the deferred maintenance administrator and monitor (DMAM).

60. SMDMIPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to a deferred maintenance administrator and monitor (DMAM) function.

61. SMDMMSGEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the msgenab() function failed.

62. SMDMMSTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received that had an unrecognizable type.

63. SMDMNODSPY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

All database reads failed; therefore, no master control center (MCC) display pages exist.

64. SMDMNOTFND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A completed request was not found in the deferred maintenance queue.

65. SMDMODDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call to DTattodd() failed.

66. SMDMONCREATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The deferred maintenance administrator and monitor (DMAM) failed to create the diagnostic monitor (DMON) process.

67. SMDMOUTMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the HMoutmsg() primitive call.

68. SMDMPARAM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A deferred maintenance administrator and monitor (DMAM) function received an invalid parameter from the calling function.

69. SMDMPASFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call to DTattpas() failed.

70. SMDMQSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send the next queued request.

71. SMDMREADST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was received on a return from the SMreadst() function for an equipped unit.

72. SMDMSCPCHK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred when sending a request to the packet switching module (PSM) to read scan points. The state of the unit presently being diagnosed may be invalid.

73. SMEECDAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The equipment configuration database (ECD) had an empty option. The record identification number (RID) is needed for the *UNIX*[®] process SMaprts() to initialize master control center (MCC) pages 117 and 118.

74. SMFAILREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switching module (PSM) failed to send a request to the deferred maintenance administrator and monitor (DMAM).

75. SMFSMPRCVF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process received a failure return while waiting for MGQLSTATE message sent from the switch module processor (SMP). This failure return was not caused by the 60-second timer.

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

76. SMFULLARY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The array of structures was full.

77. SMGTMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A general problem occurred in the message interfaces in the *UNIX*[®] process SMaprts().

78. SMHMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Human machine (HM) function calls are returning errors to the *UNIX*[®] process SMaprts().

79. SMIASTDBRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status output process SMIIAU received a data read failure from the SMddread() function.

80. SMIASTOBRPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status output *UNIX*® process SMIIAU received a message that contains an unknown type.

81. SMIASTONP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status output process SMIIAU could not connect to a port.

82. SMIIAAUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit status table audit (IIATAB) detected an uncorrectable error in the data. This probably indicates data corruption throughout the peripheral configuration data (PCD).

83. SMIIONAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) off-normal list process found a unit that was in an off-normal, illegal state. The IIA audit will be run.

84. SMIIONLP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) off-normal list process could not attach to its port (PT_SMONL).

85. SMIIONLRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) off-normal list process received a message that it could not identify.

86. SMIIONNR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) off-normal list process could not obtain a record from the peripheral configuration data (PCD).

87. SMIIONPCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) off-normal list process could not attach to the peripheral configuration data (PCD).

88. SMIISOBM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status output process received a message that it could not identify.

89. SMIISOCARD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status output process could not access the peripheral configuration data (PCD).

90. SMIISONOPCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status normal list process could not attach to the peripheral configuration data (PCD).

91. SMIISONP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) status output process could not attach to its port (PT_SMST).

92. SMINITSCSDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switching module (PSM) could not initialize with the scan and signal distributor administrator (SCSDA).

93. SMINPSTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface *UNIX*[®] process received an invalid state input from SMstout.

Probable Cause:

Software error in either SMiopv.ity or SMstout screening logic.

Action:

Provide data to the next level of support.

94. SMINVCLOACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process received an invalid acknowledgement after sending a request to the communications kernel process (CMKP) to close translation slot.

Probable Cause:
Software error.

Action:
Provide data to the next level of support.

95. SMINVDIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The scanner and signal distributor administrator (SCSDA) could not change the distribute points.

96. SMINVSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A request was in an invalid state.

97. SMKP73 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Could not connect to the port PT_SMNO5 in the *UNIX*[®] () user SMno5fm().

98. SMKP74 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Could not enable message processing to the *UNIX*[®] process SMno5fm().

99. SMKP75 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Could not initialize the *UNIX*[®] process SMno5fm(). This involves interfaces with the switch maintenance kernel process (SMKP) and the scanner and signal distributor (SC/SD) administrator.

100. SMKP76 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A general problem occurred in the message interfaces of the *UNIX*[®] user SMno5fm() with keeping the power switch and the configuration of the switch maintenance kernel process (SMKP) in synchronization with each other.

101. SMKP77 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The *UNIX*[®] process SMno5fm() received an unknown message.

102. SMKP78 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

UNIX[®] primitives failed.

103. SMKP79 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The UNIX[®] process SMno5fm() could not communicate with the scanner and signal distributor (SC/SD) administrator.

104. SMKP80 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The UNIX[®] process SMno5fm() received an invalid message from the configuration of the switch maintenance kernel process (SMKP).

105. SMKP81 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The UNIX[®] process SMno5fm() could not communicate with the switch maintenance kernel process (SMKP).

106. SMKP88 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not attach to the process control block (PCB) from the SMno5fm() function.

107. SMKP89 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The configuration of the switch maintenance kernel process (SMKP) received an invalid message from craft and could not determine what to do.

108. SMKP90 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After trying for two minutes to call human machine (HM) primitives, CONFIG could not receive an HMOK; acknowledgement of success. Master control center (MCC) page 115 may be incorrect.

109. SMLINKBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message to SM configuration control had an invalid link field. The message buffer is first on the stack.

110. SMMAPBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid linkmap was received from the SM in an SMINITTYPE message. The message buffer is first on the stack.

111. SMMEAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not enable the message process to the *UNIX*[®] user SMaprts().

112. SMNCADPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The status of the primary reference was incorrect. This assert is located in the network clock (NCLK) source file SMnc_audit.c for the SMnc_audit() function.

113. SMNCADSR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The status of the secondary reference was incorrect. This assert is located in the network clock (NCLK) source file SMnc_audit.c for the SMnc_audit() function.

114. SMNCADUN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached while switching on the unit argument. This assert is located in the network clock (NCLK) source file SMnc_audit.c for the SMnc_audit() function.

115. SMNCADXC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The status of the cross_couple reference was incorrect. This assert is located in the network clock (NCLK) source file SMnc_audit.c for the SMnc_audit() function.

116. SMNCANYM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message acknowledgment timed out. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

117. SMNCCMFP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the func_ptr argument. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

118. SMNCCMMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the message type of a user input request. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

119. SMNCDMMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the message header member ms_type. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

120. SMNCFRAC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral configuration data (PCD) did not indicate the correct active clock. This assert is located in the network clock (NCLK) source file SMncflt_rcv.c for the SMncflt_rcv() function.

121. SMNCFRAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network clock (NCLK) fault recovery determined that a second asynchronous report message came from the same clock. This assert is located in the NCLK source file SMncflt_rcv.c for the SMncflt_rcv() function.

122. SMNCFRRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The fault recovery program did not find the right combination of remove or switch of the clocks. This assert is located in the network clock (NCLK) source file SMncflt_rcv.c for the SMncflt_rcv() function.

123. SMNCFRSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral configuration data (PCD) did not indicate the correct standby clock. This assert is located in the network clock (NCLK) source file SMncflt_rcv.c for the SMncflt_rcv() function.

124. SMNCIMRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default was reached when switching on the reference argument. This assert is located in the network clock (NCLK) source file SMncflt_rcv.c for the SMnc_iaa_msg() function.

125. SMNCINCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the parameters passed to the SMia_clk() function had an unexpected value. This assert is located in the network clock (NCLK) source file SMia_nclk.c for the SMia_clk() function.

126. SMNCINRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the parameters passed to the SMia_ref() function had an unexpected value. This assert is located in the network clock (NCLK) source file SMia_nclk.c for the SMia_ref() function.

127. SMNCLBTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message acknowledgment timed out. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

128. SMNCMDMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the channel control block (CCB) indicated that the mode or digital phase lock loop (DPLL) status was incorrect. This assert is located in the network clock (NCLK) source file SMrout2_nc.c for the SMnc_md_dis() function.

129. SMNCPSRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The argument reference was not equal to SMTIP, SMTIS, or X_CPL. This assert is located in the network clock (NCLK) source file SMia_nclk.c for the SMref_state() function.

130. SMNCRCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the clock variable was not equal to 0 or 1. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMnclk_rmv() function.

131. SMNCRDCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the parameters passed to the SMiaucclk() function contained an unexpected value. This assert is located in the network clock (NCLK) source file SMiia_nclk.c for the SMiaucclk() function.

132. SMNCRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the parameters passed to the SMiaurcf() function contained an unexpected value. This assert is located in the network clock (NCLK) source file SMiia_nclk.c for the SMiaurcf() function.

133. SMNCRICE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the cfg_pl_error variable, an unknown network clock (NCLK) communication error. This assert is located in the NCLK source file SMrst_int_nc.c for the SMrst_int_nc() function.

134. SMNCRICS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the nc_st variable. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

135. SMNCRIDS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the network clock (NCLK) read of the SMrdret[ip] array. This assert is located in the NCLK source file SMrst_int_nc.c for the SMrst_int_nc() function.

136. SMNCRIPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the npri_state variable. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

137. SMNCRIRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the ref_ptr argument. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

138. SMNCRISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the nsec_state variable was out of range. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

139. SMNCRIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the state argument. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

140. SMNCRITL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the tms_li argument. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

141. SMNCRIXS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the nxcpl_state variable. This assert is located in the network clock (NCLK) source file SMrst_int_nc.c for the SMrst_int_nc() function.

142. SMNCRPRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The argument reference was not equal to SMTIP, SMTIS, or X_CPL. This assert is located in the source file SMiia_nclk.c for the SMref_pest() function.

143. SMNCRRAC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The active clock did not agree with the clock that the peripheral configuration data (PCD) indicated was active. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMref_rm_fst() function.

144. SMNCRRER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the error variable. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMref_rm_rst() function.

145. SMNCRRF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the reference argument. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMref_rm_rst() function.

146. SMNCRRWC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the which_elk argument. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMref_rm_rst() function.

147. SMNCRWTD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message acknowledgment timed out. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

148. SMNCSCER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMnclk_sw() function failed to switch the clocks. An audit is run to determine the state of the clocks. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMnclk_sw() function.

149. SMNC SHMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the subheader member mstype. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

150. SMNC SMMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the mode argument. This assert is in the network clock (NCLK) source file SMswitch_nc.c for the SMmode_sw_nc() function.

151. SMNCSPCM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message sent to the clock was not understood. This assert is located in the source file SMnc_comm.c at the entry point for the network clock (NCLK) function SMsupnc().

152. SMNCSPFN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the function argument. This assert is located in the network clock (NCLK)

source file SMnc_comm.c for the SMSupnc() function.

153. SMNCSPMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the mode variable. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMSupnc() function.

154. SMNCSPPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached. This assert is located in the network clock (NCLK) source file SMac_comm.c in the SMSupnc() function.

155. SMNCSRER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMref_sw_nc() function failed to switch the references. An audit will be run to determine the state of the references. This assert is located in the network clock (NCLK) source file SMswitch_nc.s for the SMref_sw_nc() function.

156. SMNCSRRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the reference argument. This assert is located in the network clock (NCLK) source file SMswitch_nc.c for the SMref_sw_nc() function.

157. SMNCTGUN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the subheader member tg_un. This assert is located in the network clock (NCLK) source file SMnc_comm.c for the SMcomm_nc() function.

158. SMNCTTYO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default was reached when switching on the verb argument. This assert is located in the network clock (NCLK) source file SMncttyout.c for the SMnctty_out() function.

159. SMNO_AIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) could not get the process ID for the application integrity monitor (AIM) by using

its port number.

160. SMNO_CMKP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) could not get the process ID for the communications kernel process (CMKP) by using its port number.

161. SMNODBPCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) could not attach to the peripheral configuration data (PCD) database.

162. SMNOEQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A peripheral configuration data (PCD) error occurred. A record is marked unequipped when it should be marked equipped.

163. SMNOEVTNO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An event number did not exist in the array of structures.

164. SMNOLG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical group name did not exist in the array of structures.

165. SMNOMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SM failed to receive a message. A new message was unsuccessful. No message was available for INIT_CONF in the buffer.

166. SMNOMSGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) could not identify a message that it was attempting to route.

167. SMNONPCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) received an error acknowledgment while loading the peripheral configuration data (PCD) or getting input/output driver (IODRV) coins.

168. SMNOPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No peripheral controllers (PCs) exist in a message switch peripheral unit (MSPU) community.

169. SMNOPCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to access a nonexistent record.

170. SMNO_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) could not attach to the switch maintenance kernel process (SMKP) port.

171. SMNOSCAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switching module (PSM) received invalid scan data.

172. SMNOSLOTAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Equipment configuration database (ECD) manager functions could not get the peripheral controller (PC) ID for the *UNIX*[®] process SMaprts().

173. SMNO_TQE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The free list for task blocks is empty. Switch maintenance control (SMC) cannot schedule new tasks.

174. SMOPENAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The equipment configuration database (ECD) could not be opened by the *UNIX*[®] process SMaprts().

175. SMPCDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Low level access (LLA) returned IDERROR.

176. SMPHYTOLOGF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process get failure return from SMphy2log() which translates equipment IDs from physical to logical.

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

177. SMQATODDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process failed to attach to office dependent data (ODD).

Probable Cause:

Unknown.

Action:

Try QLFR out-of-service (OOS) report command again. If the failure repeats, then provide the data to the next level of support.

178. SMQATPASF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process failed to attach to protected application segment (PAS).

Probable Cause:

Unknown.

Action:

Try QLFR out-of-service (OOS) report command again. If the failure repeats, then provide the data to the next level of support.

179. SMQINVNTWK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process received invalid network input from SMstout.

Probable Cause:

Software error in SMiopv.ity file or SMstout screening logic.

Action:

Provide data to the next level of support.

180. SMQNETCREATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The deferred maintenance administrator and monitor (DMAM) failed to create the quad-link packet switch fault recovery (QLFR) craft interface (SMQNTWKOUT) terminal process.

Probable Cause:

Possible causes are listed below:

- 1) The SMqntwkout product is not properly installed in /no5text/prc on the AM.
- 2) The SMqntwkout product was not made executable.
- 3) Software error.

Action:

Provide data to the next level of support.

181. SMQUBADMSGTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QLFR Craft interface terminal process received an unexpected message type either from SMstout for input message type or from QLFR-SMP for MGQLSTATE message.

Probable Cause:

Software error in SMstout or SMqlsp.

Action:

Provide data to the next level of support.

182. SMQUENMSGF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process failed to enable message reception.

Probable Cause:

UNIX[®] process message enable failed.

Action:

Provide data to the next level of support.

183. SMQUINVDQLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link packet switch fault recovery (QLFR) craft interface terminal process received an unexpected DQLNK

(inter-SM QLPS Link) from QLFR-SMP or read an unexpected QLNK status from AM peripheral configuration data (PCD).

Probable Cause:
Software error or data corruption.

Action:
Provide data to the next level of support.

184. SMQUINVPST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Quad-link packet switch fault recovery (QLFR) craft interface terminal process read an unexpected PIPE (QLPS pipe) state from the AM peripheral data (PCD) or was unable to read the SM version of the QPIPE state.

Probable Cause:
Software error or data corruption.

Action:
Provide data to the next level of support.

185. SMQUSNDSMPF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
QLFR Craft interface terminal process failed to send DQLNK request message to specific SMP. The failure is not caused by a SM in isolation status.

Probable Cause:
UNIX® message send process failed.

Action:
Provide data to the next level of support.

186. SMQUSTFERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Quad-link packet switch fault recovery (QLFR) craft interface terminal process has an invalid QLNK/DQLNK state conversion flag set.

Probable Cause:
Software error in SMqntwkout product.

Action:
Provide data to the next level of support.

187. SMQUTIMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The request timed out; flash the request in progress (RQIP) lamp for eight seconds.

188. SMRTSAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMaprts() function could not communicate with the engineering and administrative data acquisition system (EADAS) channel *UNIX*[®] RTR administrative process (ECAP) to update the status of the synchronous data link (SDL) for automatic message accounting recent change (AMARC). This assert may occur once after an initialization. No further action is required unless the assert continues.

189. SMSTCAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The strcpy() function returned an error to the SMaprts() function. Master control center (MCC) pages 117 and 118 will not be initialized correctly.

190. SMTQ_OVFLW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) detected a user process with too many tasks on its queue. SMC will remove the lowest priority task from the queue.

191. SMUECDAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The equipment configuration database (ECD) manager functions did not respond to the *UNIX*[®] process SMaprts().

192. SMUNK_ACK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) received an acknowledgment that it could not identify.

193. SMUNK_EVNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) received an event entry that it did not recognize.

194. SMUNK_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) could not identify a message that was sent to it.

195. SMUNKMTST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned an unknown maintenance state.

196. SMUNK_TOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) received a timeout while its timing queue was empty. More than one occurrence of this assert should result in a switch maintenance kernel process (SMKP) initialization.

197. SMUNREC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*[®] message receive process failed.

198. SMUNSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*[®] message send process failed.

199. SMURECAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The *UNIX*[®] primitive recvw() failed.

200. SMUSER_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance control (SMC) user process did something illegal.

201. SMUSER_Q_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance control (SMC) discovered an error in the SMC user queue structure.

202. SMWGFUNC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switching module (PSM) received the wrong function.

203. SMWGMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switching module (PSM) received the wrong message.

Range: dup**1. UPIDSCUD (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the user level automatic restart process (ULARP), the *UNIX*® process UPsetindctr() could not do one of the following:

- open the central update database file
- read the central update database file
- send a message to the SM or CMP
- receive a message from the SM or CMP

Additional information about the error condition will print on the receive only printer (ROP).

Range: dxslim**1. XTMSLIMCPP (5E14 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM disk file handler has partition checking trouble.

2. XTMSLIMFP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM file handler disk partition is full.

3. XTMSLIMIPP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM file handler has disk partition mount problems.

4. XTMSLIMMET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM disk file handler has message trouble.

5. XTMSLIMPSU (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM disk file handler process has gone into an undefined state.

6. XTMSLIMRMT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM disk file handler has message reception trouble.

7. XTMSLIMSMT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM disk file handler has message sending trouble.

Range: dxtera**1. XTMTERALOG (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to create or open a machine detected interoffice irregularities (MDII) log.

2. XTMTERAPDK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to position the log file for write and read.

3. XTMTERARDK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the log file.

4. XTMTERASEG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to put the named segment into the address space.

5. XTMTERAUX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the *UNIX*[®] process for logging machine detected interoffice irregularities (MDII) packets.

6. XTMTERAWDK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to write the log file.

7. ASSERT DESCRIPTIONS FOR RANGES FC - PC

INTRODUCTION

The Assert Descriptions section contains, for each assert, a description of the problem that caused the assert to fail.

A manual action assert description consists of a Problem section which describes the problem, a Data Structures section which identifies the relations that were involved, and an Action section which describes how to fix the problem. Since a manual action assert usually reports office dependent data (ODD) related problems, it can be fixed manually at the office.

A defensive check failure (DCF) assert, however, typically reports software errors that cannot be fixed at the office and may necessitate contacting your next level of support, particularly if it fires often. A DCF assert description contains a description of the problem; but it does not contain a Data Structures or Action section.

The asserts are divided into ranges. The assert ranges are organized alphabetically in this section; then the asserts within each range are listed alphabetically by mnemonic and are presented in the following manner:

MNEMONIC: (software release)

```

(a)                (b)
Recovery Action: (c)      SPP: (d)      Audit: (e)      Audit Mode: (f)
Problem:
(g)
```

where:

(a)	Lists the mnemonic that identifies the assert.
(b)	Lists the software release(s) that this assert is found in.
(c)	Describes the recovery action that is triggered by the assert. Possible values are si The system invoked a selective initialization. spp The system initiated a single process purge. rpi The system returned control to the program at the point of interrupt; escalation possibly occurred. If a dash precedes "rpi," no escalation occurred.
(d)	Indicates whether the assert initiated a single process purge (SPP) of a nonrunning process. Values are "y" for yes and "n" for no.
(e)	Lists the audit scheduled to run (if any) as a result of the assert failure. Currently, each assert may invoke only one audit. If no audit is scheduled, the value is "null."
(f)	Describes the mode the scheduled audit will run in. Possible values are elev The audit will run in the elevated segmented mode. nonseg The audit will run in the nonsegmented mode. null No audit is scheduled.
(g)	Contains an explanation of the problem that caused the assert to fail. Descriptions of manual action asserts contain additional information describing the data structures that are affected and the action(s) needed to solve the problem.

The technical content of this section is constantly updated. Addendums to this section of the manual have a high priority and are distributed promptly.

Range: fc**1. BADDALBPID (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The process ID (PID) in the D-channel application linkage block (DALB) does not match the PID received in the message header. The PID from the DALB is dumped and the DALB audit is scheduled to run.

2. BFGACB_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACB_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLACB_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the feature ID (FID), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The automatic call back calling (ACBC) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ACBC feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLACB_PORT relation where RLacb_port.lport is RLfc_line.lport, RLacb_port.lpt_type is RLfc_line.lpt_type, and RLacb_port.feaut_id is the ACBC feature ID.

When the ACBC feature is assigned to a line using a BFG, the BFG keys are used to read the RLACB_PORT relation where RLacb_port.lport is RLfc_line.bfgid, RLacb_port.lpt_type is LPT_BFG, and RLacb_port.feaut_id is the ACBC feature ID.

An attempt to read the RLACB_PORT relation using the BRCS feature group (BFG) keys was made because the ACBC feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

- (1) Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
- (2) Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). ACBC is a terminal feature.
- (3) If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.
- (4) If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.
- (5) If trmbfg is DBYES and the BFG ID values match, an rIACB_PORT tuple should exist for the BFG keys.

Insert the appropriate rIACB_PORT tuple.

3. BFGACCT_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACCT_PRT tuple is missing that is keyed with the logical port (lport) equal to the business and residential services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLACCT_PRT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The account code (ACCT) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ACCT feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLACCT_PRT relation where RLacctprt.lport is RLfc_line.lport and RLacctprt.lpt_type is RLfc_line.lpt_type.

When the ACCT feature is assigned to a line via a BFG, the BFG keys are used to read the RLACCT_PRT relation where RLacctprt.lport is RLfc_line.bfgid and RLacctprt.lpt_type is LPT_BFG.

An attempt to read the RLACCT_PRT relation using the BRCS feature group (BFG) keys was made because the ACCT feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). ACCT is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rIACCT_PRT tuple should exist for the BFG keys. Insert the appropriate rIACCT_PRT tuple.

4. BFGARPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIARPORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLARPORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The automatic route selection (ARS) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ARS feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLARPORT relation where RLarport.lport is RLfc_line.lport and RLarport.lpt_type is RLfc_line.lpt_type.

When the ARS feature is assigned to a line via a BFG, the BFG keys are used to read the RLARPORT relation where RLarport.lport is RLfc_line.bfgid and RLarport.lpt_type is LPT_BFG.

An attempt to read the RLARPORT relation using the BRCS feature group (BFG) keys was made because the ARS feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). ARS is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rIARPORT tuple should exist for the BFG keys. Insert the appropriate rIARPORT tuple.

5. BFGATH_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLATH_PRT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLATH_PRT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The authorization code (ATH) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ATH feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLATH_PRT relation where RLathprt.lport is RLfc_line.lport and RLathprt.lpt_type is RLfc_line.lpt_type.

When the ATH feature is assigned to a line via a BFG, the BFG keys are used to read the RLATH_PRT relation where RLathprt.lport is RLfc_line.bfgid and RLathprt.lpt_type is LPT_BFG.

An attempt to read the RLATH_PRT relation using the BRCS feature group (BFG) keys was made because the ATH

feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). ATH is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rIATH_PRT tuple should exist for the BFG keys. Insert the appropriate rIATH_PRT tuple.

6. BFGCW_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICW_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLCW_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the call waiting (CW) feature ID (FID), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The call waiting (CW) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the CW feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLCW_PORT relation where RLcw_port.lport is RLfc_line.lport and RLcw_port.lpt_type is RLfc_line.lpt_type.

When the CW feature is assigned to a line via a BFG, the BFG keys are used to read the RLCW_PORT relation where RLcw_port.lport is RLfc_line.bfgid and RLcw_port.lpt_type is LPT_BFG.

An attempt to read the RLCW_PORT relation using the BRCS feature group (BFG) keys was made because the CW feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). CW is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID

given in the ROP output. If the BFG ID values do not match, contact the next level of support.

5. If trmbfg is DBYES and the BFG ID values match, an rICW_PORT tuple should exist for the BFG keys. Insert the appropriate rICW_PORT tuple.

7. BFGEDS_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLEDs_PORT tuple is missing for the business and residential custom services (BRCS) feature group (BFG). For the keys for this tuple, lead_module is 0, ltm_type is LTM_ISDN, and ltm_idx is bfgid.

The bfgid is obtained from the primary directory number (DN) integrated services digital network (ISDN) basic rate interface (BRI) line's rLIS_LINE tuple or from the analog line's rLFC_LINE tuple.

Data Structures:

RLEDs_PORT, RLIS_LINE, RLFC_LINE.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLEDs_PORT relation with the actual keys used to access the relation. The BFGID part of the key should match the bfgid attribute in the RLIS_LINE relation, which is keyed with the ltm_idx of the specified lead_module assigned the BFGID or the bfgid attribute in the RLFC_LINE relation, which is keyed with the port for the actual ltm_idx.

Verify that the tuple in question exists. If the tuple does not exist, it must be added if the rLIS_LINE tuple indicates that a BFG is assigned.

8. BFGIDP_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLIDP_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLIDP_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The individual dialing plan (IDP) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the IDP feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLIDP_PORT relation where RLidp_port.lport is RLfc_line.lport and RLidp_port.lpt_type is RLfc_line.lpt_type.

When the IDP feature is assigned to a line via a BFG, the BFG keys are used to read the RLIDP_PORT relation where RLidp_port.lport is RLfc_line.bfgid and RLidp_port.lpt_type is LPT_BFG.

An attempt to read the RLIDP_PORT relation using the BRCS feature group (BFG) keys was made because the IDP feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). IDP is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rIIDP_PORT tuple should exist for the BFG keys. Insert the appropriate rIIDP_PORT tuple.

9. BFGMDR_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDR_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLMDR_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The message detail recording (MDR) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the MDR feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLMDR_PORT relation where RLmdr_port.lport is RLfc_line.lport and RLmdr_port.lpt_type is RLfc_line.lpt_type.

When the MDR feature is assigned to a line via a BFG, the BFG keys are used to read the RLMDR_PORT relation where RLmdr_port.lport is RLfc_line.bfgid and RLmdr_port.lpt_type is LPT_BFG.

An attempt to read the RLMDR_PORT relation using the BRCS feature group (BFG) keys was made because the MDR feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). MDR is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rIMDR_PORT tuple should exist for the BFG keys. Insert the appropriate rIMDR_PORT tuple.

10. BFGMWPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rlmwport tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLMWPORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the feature ID (FID), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The multiway (MW) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the MW feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLMWPORT relation where RLmwport.lport is RLfc_line.lport, RLmwport.lpt_type is RLfc_line.lpt_type, and RLmwport.feaid is the MW feature ID.

When the MW feature is assigned to a line via a BFG, the BFG keys are used to read the RLMWPORT relation where RLmwport.lport is RLfc_line.bfgid, RLmwport.lpt_type is LPT_BFG, and RLmwport.feaid is the MW feature ID.

An attempt to read the RLMWPORT relation using the BRCS feature group (BFG) keys was made because the MW feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). MW is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rlmwport tuple should exist for the BFG keys. Insert the appropriate rlmwport tuple.

11. BFGPF_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rlpf_port tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLPF_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The private facility access (PFA) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the PFA feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLPP_PORT relation where RLpf_port.lport is RLfc_line.lport and RLpf_port.lpt_type is RLfc_line.lpt_type.

When the PFA feature is assigned to a line via a BFG, the BFG keys are used to read the RLPP_PORT relation where RLpf_port.lport is RLfc_line.bfgid and RLpf_port.lpt_type is LPT_BFG.

An attempt to read the RLPP_PORT relation using the BRCS feature group (BFG) keys was made because the PFA feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). PFA is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rPP_PORT tuple should exist for the BFG keys. Insert the appropriate rPP_PORT tuple.

12. BFGPP_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rPP_LTM tuple is missing for the business and residential custom services (BRCS) feature group (BFG). For the keys for this tuple, lead_module is 0, ltm_type is LTM_ISDN, and ltm_idx is bfgid.

The bfgid is obtained from the RLFC_LINE relation for analog lines and primary directory number (DN) integrated services digital network (ISDN) basic rate interface (BRI) lines. If the ISDN DN is not primary, then the bfgid is obtained from the RLIS_LINE relation.

Data Structures:

RLPP_LTM, RLFC_LINE, RLIS_LINE.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLPP_LTM relation with the actual keys used to access the relation. The BFGID part of the key should match the bfgid attribute in the RLFC_LINE relation, which is keyed with the port assigned the BFGID or the bfgid attribute in the RLIS_LINE relation, which is keyed with the ltm_idx on the specified lead_module assigned the BFGID.

Verify that the rPP_LTM tuple in question exists. If the tuple does not exist, it must be added if the rLFC_LINE tuple indicates that the port has a BFG assigned or if the rLIS_LINE tuple indicates that the DN has a BFG assigned.

13. BFGPU_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPU_LTM tuple is missing for a business and residential custom services (BRCS) feature group (BFG). For the keys for this tuple, lead_module is 0, ltm_type is LTM_ISDN, and ltm_idx is bfgid.

The bfgid is obtained from the RLFC_LINE relation for analog lines and primary directory number (DN) integrated services digital network (ISDN) basic rate interface (BRI) lines. If the ISDN DN is not primary, then the bfgid is obtained from the RLIS_LINE relation.

Data Structures:

RLPU_LTM, RLFC_LINE, RLIS_LINE.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLPU_LTM relation with the actual keys used to access the relation. The BFGID part of the key should match the bfgid attribute in the RLFC_LINE relation, which is keyed with the port assigned the BFGID or the bfgid attribute in the RLIS_LINE relation, which is keyed with the ltm_idx on the specified lead_module assigned the BFGID. Verify that the tuple in question exists. If the tuple does not exist, it must be added if the rIFC_LINE tuple indicates that the port has a BFG assigned or if the rIS_LINE tuple indicates that the DN has a BFG assigned.

14. BFGPU_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPU_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLPU_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport and lpt_type), the feature ID (FID), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The call pickup (CPU) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the CPU feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLPU_PORT relation where RLpu_port.lport is RLfc_line.lport, RLpu_port.lpt_type is RLfc_line.lpt_type, and RLpu_port.feaid is the CPU feature ID.

When the CPU feature is assigned to a line via a BFG, the BFG keys are used to read the RLPU_PORT relation where RLpu_port.lport is RLfc_line.bfgid, RLpu_port.lpt_type is LPT_BFG, and RLpu_port.feaid is the CPU feature ID.

An attempt to read the RLPU_PORT relation using the BRCS feature group (BFG) keys was made because the CPU feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and

party of the line in question.

2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). CPU is a terminal feature.

3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.

4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should match the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.

5. If trmbfg is DBYES and the BFG ID values match, an rIPU_PORT tuple should exist for the BFG keys. Insert the appropriate rIPU_PORT tuple.

15. DAANILHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

Could not read an rIAN_ILHB tuple with a dynamic access (DA) macro. The tuple was just inserted by the DBfintup() function. The FCLINE audit is run to correct the problems.

16. DAANOLHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

Could not read an rIAN_OLHB tuple with a dynamic access (DA) macro. The tuple was just inserted by the DBfintup() function. The FCLINE audit is run to correct the dynamic data problems.

17. DAISILHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

Could not read an rIIS_ILHB tuple with a dynamic access (DA) macro. The tuple was just inserted by the DBfintup() function. The FCLINE audit is run to correct the dynamic data problems.

18. DAISOLHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

Could not read an rIIS_OLHB tuple with a dynamic access (DA) macro. The tuple was just inserted by the DBfintup() function. The FCLINE audit is run to correct the dynamic data problems.

19. DCAPXAMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that either the tuple is missing from relation RLAPXAMAP, or the key used to read this relation was not set properly. Attempts to map the AUTOPLEX[®] executive cellular processor (ECP) announcement identification number to 5ESS[®] switch route type will fail.

Data Structures:

Relation: RLAPXAMAP. Key: apx_annc - AUTOPLEX[®] ECP announcement identification number.

Action:

If the key used is correct, use RC/V (or ODBE, if necessary) View 10.38 (ECP ANNOUNCEMENT ROUTE INDEX) to insert the tuple in RLAPXAMAP.

20. DC_APXCTBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APXCTBL	Audit Mode: elev

Problem:

The DA primitive DAGETAPXCTBL used to obtain a pointer to the APXCTBL tuple was unsuccessful. The key used to obtain the tuple will be printed on the ROP and the APXCTBL audit will be scheduled. The assert will return to the point of the interrupt.

21. DCAPXTMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that the tuple is missing from relation RLAPXTMAP, or the key used to read this relation was not set properly. Attempts to map *AUTOPLEX*[®] executive cellular processor (ECP) tone identification number to 5ESS[®] switch tone type will fail.

Data Structures:

Relation: RLAPXTMAP. Key: apx_tone - *AUTOPLEX*[®] ECP tone identification number.

Action:

If the key used is correct, use ODBE to insert the tuple in relation RLAPXTMAP. This relation is not Recent Changeable.

For questions on the ODBE tool, contact next level support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

22. DCBADDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function that was called by the digital cellular *AUTOPLEX*[®] terminal processor returned a failure that indicates that a bad data has been passed to it.

Probable Cause:

Data corruption.

Action:

None.

23. DCBADTKST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function TMdcs2ecp() passed back an invalid status. The status will be printed on the ROP.

24. DCGETCBDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful attempt was made to remove a CBDB tuple from the idle list.

Probable Cause:

System overload

Action:

The call can not be continued. Purge the call.

25. DC_GPAXDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GPAXDB	Audit Mode: elev

Problem:

The DA primitive DAGTGPAXDB used to obtain a pointer to the GPAXDB tuple was unsuccessful. The key used to obtain the tuple will be printed on the ROP and the GPAXDB audit will be scheduled. The assert will return to the point of the interrupt.

26. DCGPAXHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to move links of a GPAXDB.

Probable Cause:

General system failure.

Action:

Generate printing assert and return

27. DCGPVACANT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A GPAXDB was expected to be found and was not found.

Probable Cause:

Incorrect user interface.

Action:

The assert need only report. The detector should generate a trouble report.

28. DCGRP_PRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read of RLGROUP_PORT failed. The keys used to read RLGROUP_PORT will be printed to the ROP.

29. DCINVDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital cellular switch input mapper encountered unexpected data while processing an input.

Probable Cause:
Data corruption.

30. DCLINKBUSY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: elev

Problem:
Unable to link a tuple of the RLAPXCTBL relation to the linked list of BUSY tuples.

Probable Cause:
Data corruption.

Action:
The audit for the RLAPXCTBL has been requested. The process will not be purged.

31. DCLINKIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: elev

Problem:
Unable to link a tuple of the RLAPXCTBL relation to the IDLE list.

Probable Cause:
Data corruption.

Action:
An audit of the RLAPXCTBL relation has been scheduled. The process will NOT be purged.

32. DCLNCBPC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
An unsuccessful attempt was made to link the call build-up data block (CBDB) and the process control block link area (PCBLA).

Probable Cause:
System overload.

Action:
The call can not be continued. Purge the call.

33. DCNOPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Call to DA primitive DAfownpc was unsuccessful. The port member passed to the DAfownpc will be printed to the ROP.

34. DCOSSENDFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
OSSENDMSG failed to send a message.

Probable Cause:

There is a severe system problem.

Action:

Purge the calling process to clean up the system. When a protocol breakdown occurs, the system is in an indeterminate state with respect to the call as a whole.

35. DC_PCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The DA primitive DAGETPCBLA used to obtain a pointer to the process control block link area (PCBLA) tuple was unsuccessful. This assert will print the PCBLA key, which was passed to the primitive, on the ROP and schedule the PCBLA audit. The assert will return to the point of the interrupt.

36. DCPUTCDBD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not put the call build-up data block (CBDB) back on the idle list.

Probable Cause:

System overload

Action:

Cannot continue with call. Purge the call.

37. DCQIWKEY (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The APX terminating terminal process (APX_TP) received unexpected message data which requires Q.931/integrated digital services network (ISDN) user part (ISUP) interworking. The outgoing message may be incorrect.

Action:

Generate printing assert and return.

38. DCSLOOPFSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of internal messages processed in the advanced mobile phone service (AMPS) finite state machine driver for a single external stimulus has exceeded the number expected.

Probable Cause:

The finite state machine may be caught in a loop.

Action:

No audits have been requested. The process will not be purged.

39. DCSREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to launch an APXS system process for an unacceptable reason.

Probable Cause:

Operating system for distributed switching (OSDS) process launching failure.

Action:

No audits have been requested. Process will not be purged, but will terminate on return from assert processing.

40. DCSVFSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the finite state machine driver in the APXS system process.

Probable Cause:

An error was detected in the FSM model by the FSM driver.

Action:

No audits have been requested. The process will not be purged.

41. DCTKMEMBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the trunk group or the trunk member can't be located in the GPAXDB tuple.

42. DCTMRFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

There was a system failure acquiring a timer.

Probable Cause:

System overload

Action:

Purge the call.

43. DCTREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to launch or restart an advanced mobile phone service (AMPS) terminal process for an unacceptable reason.

Probable Cause:

Operating system for distributed switching (OSDS) process launching failure.

Action:

No audits have been requested. The process will not be purged, but will terminate on return from assert processing.

44. DCTRKSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return for TMdcs2ecp indicates that the status for the port member passed to it cannot be verified. The port member will be printed to the ROP.

45. DCUNEXPINP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital cellular switch input mapper calculated an unexpected input for the current state.

Probable Cause:

Corrupted data.

Action:

Return to the calling function.

46. DCUNEXPINP (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital cellular switch input mapper calculated an unexpected input for the current state.

Probable Cause:

Corrupted data.

Action:

Purge the call.

47. DCUNEXPMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital cellular switch input mapper received an unexpected message, but not from the executive cellular processor.

Probable Cause:

Bad message data.

Action:

Return to the calling function.

48. DCUNEXPMSG (5E11 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital cellular switch input mapper received an unexpected message, but not from the executive cellular processor.

Probable Cause:

Bad message data.

Action:
Purge the call.

49. DCUNLKBUSY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: elev

Problem:
Unable to unlink a tuple of the RLAPXCTBL relation from the BUSY linked list.

Probable Cause:
Data corruption.

Action:
The audit for the RLAPXCTBL has been scheduled. The process will NOT be purged.

50. DCUNLKIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: elev

Problem:
Unable to unlink a tuple of the RLAPXCTBL relation from the IDLE linked list.

Probable Cause:
Data corruption, or exhaustion of idle entries.

Action:
The audit of the RLAPXCTBL relation has been scheduled. The process will NOT be purged.

51. FBDNFEATS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An rIDN_FEATS tuple with the given keys could not be found in the static database. The tuple is missing or the keys used to access the tuple are invalid. The keys used to read the tuple are printed on the ROP. The ltm_type has two possible values. If the type is LTM_OTHER, a 0 is printed; if the type is LTM_ISDN, a 1 is printed.

Data Structures:
RLDN_FEATS. Key fields: lead_module, ltm_type, ltm_idx, range.

The lead_module key is the SM number, ltm_type is the logical termination index type, ltm_idx is the logical termination index, and range indicates the group of five tuples (0-4).

Action:
Verify that the keys printed on the ROP are valid. The lead_module must be between 1 and 192, ltm_type will be 0 or 1, ltm_idx must be between 1 and 4095, and range should be 0. When the range is 0, there must be an rIFC_LINE tuple for the associated port with the brc_dn attribute set to DBYES.

Use ODBE in the batch read (BR) mode to read the RLFC_LINE relation into a *UNIX*® file. Use a *UNIX*® editor to locate the tuple with the ltm_type and ltm_idx attributes printed on the ROP. If the located tuple has the brc_dn attribute marked DBNO, file a trouble report. If the brc_dn attribute in the rIFC_LINE tuple is DBYES, zero the brc_dn bit (DBNO) in the rIFC_LINE tuple and check for other rIDN_FEATS tuples that have the same keys with one of the other four possible ranges (1, 2, 3, 4). Note the assigned features in any rIDN_FEATS tuples that are

found. Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) or View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) to re-insert the features.

52. FC0000 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A general office dependent data (ODD) read failure occurred in one of several possible functions.

Data Structures:

The asserting function identifies the relation involved.

Function	Relation	Key Fields
FCe_mcric()	RLFC_TRUNK	port.member, port.module
FCe_sidchk()	RLFC_TRUNK	port.member, port.module
FCe_uuichk()	RLFC_TRUNK	port.member, port.module
MCctoneon()	RLTONETIME	tonetype
MCdialerr()	RLFC_LINE	port.member, port.module, party
MCconflict()	RLIDP_CNFL	idp_gpid, table_id, num_dig
MCtwoconf()	RLIDP_CNFL	idp_gpid, table_id, num_dig
ISmc1tch()	Information only	
FCuntrn()	RLUNDTRE	ar_gpid, previous, digit
FCqdl_iftn()	RLQU_DLY	grpnum, grptype
FCqdl_set()	RLQU_DLY	grpnum, grptype
FCca_fs()	RLFCCAUCTK	port.member, port.module
FCck_fs()	RLKEY_TALK	keytrk.member, keytrk.module
FCns_ani()	RLRT_TRKG	grpnum
FCns_cani()	RLFCCAUCTK	port.member, port.module
FCns_route()	RLNMIMPDGTS	prefix, trntbl, steering
MCcftocall()	RLFC_TRUNK	port.member, port.module

The data dump layouts to determine the key values can be found in the 5ESS[®] Switch Translations Data Manual.

Action:

The solution can be found by consulting the associated assert mnemonic.

Relation	Mnemonic
RLFC_TRUNK	FP_TRUNK
RLFC_LINE	ISFCLINE
RLTONETIME	FPTONETY
RLQU_DLY	FCQU_DLY
RLRT_TRKG	See information below
RLIDP_CNFL	FCIDP_CNFL
RLFCCAUCTK	See information below
RLKEY_TALK	See information below
RLNMIMPDGTS	See information below

The ISmc1tch() function asserts if a timer fails to set up; no manual action is required.

The MCconflict() and MCtwoconf() functions print two data buffers. The first contains the keys to the RLIDP_CNFL relation and the second contains the keys to the port (member - 2 bytes offset 0, module - 8 bits offset 3).

The FCuntrn() function asserts on failures other than DBNO_MATCH. If this error occurs, contact your next level of support.

In the RLRT_TRKG relation, the value of the far end NXX should be between 199 and 999 decimal. Use RC/V View 5.1 (TRUNK GROUP) to update the far end NXX. If the far end NXX is between 199 and 999, escalate to the next level of support.

For the RLFCCAUCTK, RLKEY_TALK, and RLNMIMPDGTS relations, use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the relation with the actual keys used to access the relation. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

The RLFCVAVCTK relation is updated by RC/V View 5.1 and View 5.5 (TRUNK MEMBER).

The RLKEY_TALK relation is updated by RC/V View 5.5.

The RLNMIMPDGTS relation is updated by RC/V View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) and View 9.3 (LOCAL DIGIT [OFFICE DIALING]).

53. FC0003 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the RLFC_LINE relation, a failure was returned. Either the tuple was missing or an error occurred when setting the keys.

Data Structures:

RLFC_LINE. Key fields: port.member, port.module, party.

The key values are printed as part of the ROP message. In the first word of the dump, bytes(0-1) contain port.member, byte(2) is filler, and byte(3) contains port.module. Byte(0), bits(0-4), of the second word contains party.

Action:

Use RC/V (or ODBE, if necessary) to verify that the keys are valid. If the tuple is missing, insert it.

This relation is updated by the following views:

- 12.8 (BFG ADMINISTRATION)
- 23.2 (DIGITAL SUBSCRIBER LINE)
- 21.30 (OSPS-DSL PORT)
- 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT])
- 5.12 (BRCS FEATURE ACTIVATION [TRUNK MEMBER])
- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 4.29 (ATTENDANT MLHG/BUSY LAMP FIELD RANGE DN ASSIGNMENT)
- 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST)
- 1.9 (MULTIPLE DIRECTORY NUMBER WITH DISTINCTIVE RINGING)
- 3.5 (MULTIPLE HUNT GROUP [LINE ASSIGNMENT])
- 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
- 1.32 (TWO TELEPHONE NUMBER SWAP)
- 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
- 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])

54. FC0004 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_TRUNK relation, or an rLFC_TRUNK tuple was missing.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

In the first word of the data dump, the first two bytes are port.member, the next byte is filler, and the next byte is

port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys in the RLFC_TRUNK relation with the actual keys used. If the tuple is missing, insert it. If the keys used to access the relation were set incorrectly, notify the next level of support.

This relation is updated by the following RC/V views:

- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 5.1 (TRUNK GROUP)
- 5.5 (TRUNK MEMBER)

55. FC0005 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLDA_TIMER relation, or an rIDA_TIMER tuple was missing.

Data Structures:

RLDA_TIMER. Key fields: servclass, signal, sigtype.

In the data dump, the first word is the critical field, the second word is partial, the third word is permsig, the fourth word is ovlpart, and the fifth word is ovlperm.

In the sixth word of the dump, the first byte is servclass, the next four bits are filler, the next two bits are sigtype, and the next two bits are startsig.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys in the RLDA_TIMER relation with the actual keys used. If the tuple is missing, insert it.

If the keys used to access the relation were set incorrectly, notify the next level of support. The signal for lines is always FCSSNULL; the start signal is not applicable. This relation is updated by RC/V View 8.5 (TIMING).

56. FC0010 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_PORTTYP relation, or an rLFC_PORTTYP tuple was missing.

Data Structures:

RLFC_PORTTYP. Key fields: port.member, port.module, servclass

In the first word of the data dump, the first two bytes are port.member, the next byte is filler, and the next byte is port.module. In the next word, the first two bytes are sleevld (no concern) and the next byte is servclass.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys in the RLFC_PORTTYP relation with the actual keys used. If the tuple is missing, insert it. If the keys used to access the relation were set incorrectly, notify the next level of support.

This relation is updated by the following views:

8.11 (REMOTE ALARM ASSIGNMENT)
 8.13 (MSU/MMSU SCAN POINT ASSIGNMENT)
 21.34 (OSPS DSL PACKET SWITCHING ASSIGNMENT)
 8.10 (CARRIER GROUP ALARM)
 23.2 (DIGITAL SUBSCRIBER LINE)
 24.7 (DSL AP COMMUNICATIONS DATA)
 21.30 (OSPS-DSL PORT)
 8.7 (DIAL TONE DELAY)
 20.4 (DIGITAL LINE/TRUNK UNIT PACK EQUIPMENT)
 22.8 ((R)ISLU - ANALOG CIRCUIT PACKS)
 22.7 ((R)ISLU EQUIPMENT - LINE CARD)
 20.1 (LINE UNIT [SM MODULE PACKS])
 20.7 (METALLIC SERVICE UNIT [SM MODULE PACKS])
 19.7 (METALLIC SERVICE UNIT)
 20.20 (PROTOCOL CIRCUIT [SM MODULE SUBPACKS])
 20.22 (EQUIPMENT SUBUNIT - ANNOUNCEMENT SERVICES)
 20.2 (TRUNK UNIT)
 20.3 (VERIFY SINGLE TRUNK UNIT)
 4.3 (ATTENDANT FEATURE KEY)
 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST)
 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
 14.7 (PAIR GAIN TEST CONTROLLER)
 3.6 (MULTI-POSITION BUSY KEY [LINE ASSIGNMENT])
 22.13 (INTER-SM NAIL-UP)
 3.40 (MODULAR QUEUING [QUEUING PARAMETERS])
 7.12 (QUEUING PARAMETERS [QUEUING PARAMETERS])
 7.3 (PFA SIMULATED FACILITY GROUP)
 18.11 (REMOTE TERMINAL EQUIPMENT)
 18.12 (REMOTE TERMINAL MTB)
 18.10 (REMOTE TERMINAL ASSIGNMENT)
 1.32 (TWO TELEPHONE NUMBER SWAP)
 5.1 (TRUNK GROUP)
 14.3 (TRUNK LINE WORK STATION)
 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])
 5.5 (TRUNK MEMBER)

57. FC0015 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the key used to read the RLDA_DIGSTRT relation, or an rIDA_DIGSTRT tuple was missing.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.

In the first word of the data dump, the first two bytes are pretable and the next two bytes are printable. In the second word, the first twelve bits are filler and the next four bits are digtree.

Action:

Use RC/V (or ODBE, if necessary) to crosscheck the keys in the RLDA_DIGSTRT relation with the actual keys used. The key, digtree, is in the RLFC_LINE relation based on the port.

58. FC2CF_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The forward-to directory number (FWDTONDN) associated with an auto-activated call forwarding (CF) feature for a primary directory number (DN) or multi-line hunt group (MLHG) member is invalid for one of the following reasons:

1. The length of the FWDTONDN is 0.
2. The FWDTONDN digits are invalid for the dialing plan associated with the line.
3. The FWDTONDN digits contain a dialed code that is not allowed for the specified call forwarding feature. The failed call results in reorder tone error treatment and a transient call lost report associated with the line that has the call forwarding feature assigned.

Notes: Transient call lost reports are not printed for call forwarding don't answer CF features.

The term "auto-activated" means the customer is not allowed to change the FWDTONDN or activation status, except through a service order.

Data Structures:

RLCF_LTM. Key fields: l_mod, ltm_idx, ltm_type, fid.

The ROP output provides the keys to the associated rICF_LTM tuple, logical port, logical port type, and (for #2 and #3) the expanded FWDTONDN digits that caused the failure. "NOT SPECIFIED" is printed as the FWDTONDN when the length of the FWDTONDN is 0.

Action:

1. Disable the call forwarding feature on the DN that caused the failure.
 - a. Use the CF feature ID provided on the ROP output (FID) to read the RLfid2NAME relation in the CMP with ODBE where RLfid2name.facid is the CF feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_FEAT.
 - b. If an rLFID2NAME tuple does not exist for the CF feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
 - c. Enter the following input message to determine the DN associated with the LPORT and LPT_TYPE on the ROP: OP:CONV,LPORT=a-b-c; (where a is the L_MOD from the ROP, b is the LPORT from the ROP, and c is the LPT_TYPE - ISDN or OTHER. If the LPT_TYPE from the ROP is 0, enter OTHER; if the LPT_TYPE from ROP is 1, enter ISDN.)
 - d. If the output from the OP:CONV indicates that the LPORT/LPT_TYPE combination is a MLHG line, use the MLHG group and member as keys to RC/V 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT]) to update the "A" or active status for the CF feature obtained from step "a" to N.

If the output from the OP:CONV indicates that the LPORT/LPT_TYPE combination is not a MLHG line, use the DN as the key to RC/V 1.12 (BRCS FEATURE ACTIVATION LINE ASSIGNMENT) to update the "A" or active status for the CF feature obtained from step "a" to N.

2. Contact the next level of support to analyze and help correct the FWDTONDN. The data in the ROP output and the

associated transient call lost report are essential in determining why the FWDTODN is incorrect.

59. FC0033 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received, the message header is dumped. Or, the FCbailout() function was called to dump the stack because the stack was lost after the restart to the FCreblout() function.

60. FC0034 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For an announcement or busy verify termination, the ownership relation was not RLRTCONTROL or RLRTCAMPON.

61. FC0039 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of an enumeration was out of range.

62. FC3CF_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The forward-to directory number (FWDTODN) associated with an auto-activated call forwarding (CF) feature for a secondary-only directory number (DN) is invalid for one of the following reasons:

1. The length of the FWDTODN is 0.
2. The FWDTODN digits are invalid for the dialing plan associated with the line.
3. The FWDTODN digits contain a dialed code that is not allowed for the specified call forwarding feature. The failed call results in reorder tone error treatment and a transient call lost report associated with the line that has the call forwarding feature assigned.

Notes: Transient call lost reports are not printed for call forwarding don't answer CF features.

The term "auto-activated" means the customer is not allowed to change the FWDTODN or activation status except through a service order.

The term "secondary-only DN" means the DN is not a primary DN on any other integrated services digital network (ISDN) station or analog line.

Data Structures:

RLCF_LTM. Key fields: l_mod, ltm_idx, ltm_type, fid.

The ROP output provides the keys to the associated rLCF_LTM tuple, the associated DN, and (for #2 and #3) the expanded FWDTODN digits that caused the failure. "NOT SPECIFIED" is printed as the FWDTODN when the length of the FWDTODN is 0.

Action:

1. Disable the call forwarding feature on the DN that caused the failure.
 - a. Use the CF feature ID provided on the ROP output (FID) to read the RLFID2NAME relation in the CMP with ODBE where RLfid2name.facid is the CF feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_FEAT.
 - b. If an rLFID2NAME tuple does not exist for the CF feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
 - c. Use the DN as the key to RC/V View 1.12 (BRCS FEATURE ACTIVATION LINE ASSIGNMENT) to update the "A" or active status for the CF feature obtained from step "a" to N.
- 2) Contact the next level of support to analyze and help correct the FWDTODN. The ROP output and the associated transient call lost report are essential in determining why the FWDTODN is incorrect.

63. FC4CF_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The forward-to directory number (FWDTODN) associated with an auto-activated call forwarding (CF) feature for a secondary-only multi-line hunt group (MLHG) member is invalid for one of the following reasons:

1. The length of the FWDTODN is 0.
2. The FWDTODN digits are invalid for the dialing plan associated with the line.
3. The FWDTODN digits contain a dialed code that is not allowed for the specified call forwarding feature. The failed call results in reorder tone error treatment and a transient call lost report associated with the line that has the call forwarding feature assigned.

Notes: Transient call lost reports are not printed for call forwarding don't answer CF features.

The term "auto-activated" means the customer is not allowed to change the FWDTODN or activation status except through a service order.

The term "secondary-only MLHG member" means a primary directory number (DN) exists on the integrated services digital network (ISDN) station that is associated with the MLHG member.

Data Structures:

RLCF_LTM. Key fields: l_mod, ltm_idx, ltm_type, fid.

The ROP output provides the keys to the associated rLCF_LTM tuple, the associated MLHG and MEM, and (for #2 and #3) the expanded FWDTODN digits that caused the failure. "NOT SPECIFIED" is printed as the FWDTODN when the length of the FWDTODN is 0.

Action:

1. Disable the call forwarding feature on the DN that caused the failure.
 - a. Use the CF feature ID provided on the ROP output (FID) to read the RLFID2NAME relation in the CMP with ODBE where RLfid2name.facid is the CF feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_FEAT.
 - b. If an rLFID2NAME tuple does not exist for the CF feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
 - c. Use the MLHG and MEM as the key to RC/V View 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT])

to update the "A" or active status for the CF feature obtained from step "a" to N.

2. Contact the next level of support to analyze and help correct the FWDTODN. The ROP output and the associated transient call lost report are essential in determining why the FWDTODN is incorrect.

64. FC4WDAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the distinctive ringing type assigned to the local area signaling services (LASS) automatic callback (AC) feature for this port. Types DR_A, DR_B, DR_C, and DR_D can not be assigned to ports with a class of service (COS) of FC_4WIRE_INDV. Types DR_E and DR_F can only be assigned to ports with a COS of FC_4WIRE_INDV.

Data Structures:

RLAC_PORT. Key fields: lport, lpt_type, ring_typ.

Action:

Use RC/V to change the distinctive ringing type to a valid value for this port; or, if this feature was added through RC/V or office data administration (ODA), contact the next level of support.

65. FC4WDAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the distinctive ringing type assigned to the local area signaling services (LASS) automatic recall (AR) feature for this port. Types DR_A, DR_B, DR_C, and DR_D can not be assigned to ports with a class of service (COS) of FC_4WIRE_INDV. Types DR_E and DR_F can only be assigned to ports with a COS of FC_4WIRE_INDV.

Data Structures:

RLAR_PORT. Key fields: lport, lpt_type, ring_typ.

Action:

Use RC/V to change the distinctive ringing type to a valid value for this port; or, if this feature was assigned through RC/V or office data administration (ODA), contact your next level of support.

66. FC4WDRACB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The distinctive ringing type assigned to the automatic call back (ACB) feature for this port was invalid.

Types DR_A, DR_B, DR_C, and DR_D can not be assigned to ports with a class of service (COS) of FC_4WIRE_INDV. Types DR_E and DR_F can only be assigned to ports with a COS of FC_4WIRE_INDV.

Data Structures:

RLACB_PORT. Key fields: port, feat_id, ring_typ.

Action:

Use RC/V to change the distinctive ringing type to a valid value for this port.

67. FC0050 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Modular feature construction (MFC)/feature execution (FEX) received an error return code from a dynamic access (DA) primitive. Possibly, an invalid linkage was found in the RLPCBLA-RLAPB relation set. FEX could not recover from this error.

68. FC0052 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Feature execution (FEX) called the DARhpcap() function to get an associated process block (APB) from the APB idle list. The owner key that was passed to DARhpcap() was out of the range.

69. FC0053 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Modular feature construction (MFC)/feature execution (FEX) failed in the OSrestart() function.

70. FC0054 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Modular feature construction (MFC)/feature execution (FEX) had an invalid digit analysis request flag. MFC/FEX could not invoke digit analysis or parameter collection.

71. FC0055 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The mcc_pending bit was set, but there was no MCBRCSREQ message.

72. FC0056 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No root feature model (FM) was found in a master control center (MCC) terminal process.

73. FC0057 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A subprocess had an invalid state and caused a single process purge. The process control block link area (PCBLA) and related call leg data block (CLDB)/model data blocks (MDBs) are dumped on the ROP. The layout of the CLDB/MDB data is found in fc/hdr/MCcmmsgtxt.L in the typedef named MCASRT_APB.

74. FC0059 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Too many JOINSTATes were encountered in a master control center (MCC) terminal process. It might be an infinite loop of "JOIN".

75. FC0075 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) read error occurred. An rlcw_cf tuple was missing.

Data Structures:

RLCW_CF. Key field: feat_id.

In the data dump, the first field contains the feat_id and the second field contains the port and module number.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the call waiting construct feature in the RLCW_CF relation. The missing tuple indicates that the feature is not constructed or the feature assigned to the line is incorrect.

76. FC0076 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A line had the call waiting feature invoked, but the rlcw_cf tuple contained an error. The first data dump message contains the assert error code and the second data dump message contains the port name.

77. FC0079 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An RLARSCRN tuple is missing. The line or trunk had an automatic route selection (ARS) feature assigned, but no associated RLARSCRN tuple exists for this ARS port.

Data Structures:

RLARSCRN. Key fields: ar_gpid, ars_idx, ars_si.

The first raw data dump shows the RLARSCRN tuple expected but not found. The first two bytes are the ARS group ID and the third byte plus the first six bits of the fourth byte comprise the route index. The last five bits of the eighteenth byte comprise the ARS screening index.

The first two bytes of the second raw data dump are the port member of this line or trunk, the fourth byte is the module number of the port.

Action:

Use RC/V View 1.21 (ARS LINE PARAMETER) or View 5.21 (ARS TRUNK PARAMETER) to determine the ARGPNAMe.

Use RC/V (or ODBE, if necessary) View 10.6 (ARS GROUP SCREENING INDEXES) to insert an RLARSCRN tuple with the ARGPNAMe, route index, and ARS screening index as keys.

78. FC0080 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line had an automatic route selection (ARS) feature assigned, but no rIARCF tuple was associated with this line.

Data Structures:

RLARCF. Key field: feat_id.

The first data dump contains the rIARCF tuple that was expected but not found. The first two bytes are the ARS constructed feature ID. The first two bytes of the second data dump are the member of the port and the third byte is the module of this port.

Action:

Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) to find the feature name associated with this port. If the feature does not exist, use the feature name on RC/V View 12.11 (AUTOMATIC ROUTE SELECTION FEATURE DEFINITION) (or ODBE, if necessary) to define a new ARS feature.

79. FC0081 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred when attempting to read the static data for a multiway (MW) constructed feature for a port.

Data Structures:

RLMWCF. Key field: feat_id.

The first raw data dump shows, in hex, the tuple for which the read error occurred. The first 2 bytes are the constructed feature identifier. (To identify the fields in the RLMWCF relation, see the "Data Structure Field Layouts" section of the 5ESS[®] Switch Audits Manual.)

Action:

Using ODBE to look at the AM relation RLFID2NAME, use the feat_id found in the data dump to determine the feature name assigned to the feat_id. Refer to the "Multiway Calling Preconstructed Feature Definition" table in the 5ESS[®] Business and Residence Custom Features User's Guide to find the attributes associated with that feature name and the values for the attributes.

Use ODBE to insert a tuple in the RLMWCF relation for the feat_id according to the values found for the attributes in the User's Guide.

80. FC0082 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the static data for a multiway (MW) constructed feature for a specific port, the tuple was not found.

Data Structures:

RLMWCF. Key field: feat_id.

The first raw data dump shows the tuple expected but not found. The first 2 bytes are the MW constructed feature ID. To identify the fields in the RLMWCF relation, refer to the "Data Structure Field Layouts" section in the 5ESS[®] Switch Audits Manual. The first 2 bytes of the second raw data dump are the internal port name of the line on which the feature is assigned.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the feature ID dumped and the port to determine the appropriate

feature ID.

81. FC0084 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLMWPORT tuple is missing. The keys are the logical port (lport), logical port type (lpt_type), and feature ID (feat_id).

Data Structures:

RLFC_LINE, RLFC_PORTTYP, RLMWCF, RLMWPORT, RLTRMFEATS.

The ROP output provides a raw data dump of the tuple expected but not found. The first raw data dump shows the rLMWPORT tuple keys - the first 2 bytes are the lport (12 bits) and lpt_type (4 bits), and the next 2 bytes are the multiway (MW) feature ID. See the Audits Manual - Data Structure Field Layout section for the RLMWPORT relation to identify the fields in the relation.

The second raw data dump is the originating port for the line or trunk attempting to use the MW feature. The first 2 bytes are the port name.

Action:

Use ODBE to verify the existence of a tuple in the RLFC_LINE or RLFC_TRUNK relation and an rIFC_PORTTYP tuple for the originating port key.

Use ODBE to verify the existence of an rLTRMFEATS tuple with the logical port (lport) and logical port type (lpt_type) as keys. This tuple(s), range being 0 through 6, must have a feat_id attribute that is equivalent to RLtrmfeats.ftent[n].fid.

Use ODBE to verify the existence of an rLMWCF tuple with this feat_id as the key value. Insert the appropriate rLMWPORT tuple.

82. FC0091 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call pickup originating feature was assigned to a line in the RLBRCFEATS relation, but no constructed feature data associated with the feature ID was found in the RLPUT_CF relation. This is an office data inconsistency.

Data Structures:

RLPUT_CF.

The first data dump contains the feature ID that was expected but not found in the RLPUT_CF relation. In the Audits Manual, see the Data Structure Fields Layouts section for the RLPUT_CF relation to identify the feature ID. Overlay this template on the data dump starting at the first byte.

The first two bytes of the second data dump message are the internal port name of the line that is missing feature data.

Action:

Use RC/V (or ODBE, if necessary) to examine the pickup feature data on the indicated line.

83. FC0092 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The auto-call-back calling feature system process entry function FCacb_timr() received an invalid reason code argument when the process was restarted.

84. FC0093 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The auto-call-back calling feature system process entry function FCacb_timr() received an operating system for distributed switching (OSDS) message of an unrecognized type.

85. FC0094 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An auto-call-back calling feature dynamic data entry in the FCacb_cmp[] array was inconsistent with a corresponding entry in the FCacb_call.data[] array. The entry being scanned will be initialized.

86. FC0097 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The auto-call-back calling feature retrieved an rIACB_PORT tuple with an invalid ring_typ value.

Data Structures:

RLACB_PORT. Key fields: port, feat_id.

Action:

The tuple buffer copy was dumped to provide the key values that were used to access the RLACB_PORT relation. The dump includes the port (hex offset 0), feat_id (hex offset 4), ring_max (hex offset 7, 5 bits), and ring_typ (hex offset 7, 2 bits). The total number of bytes is 0x08.

87. FC0099 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A specific distinctive ringing constructed feature was assigned to a line in the RLBRCFEATS relation. The corresponding rIDR_CF tuple could not be found.

Data Structures:

RLDR_CF. Key fields: port.member, port.party, port.module, feat_id.

The first data dump contains the feature that was expected but not found in the RLDR_CF relation. In the Audits Manual, see the Data Structure Field Layouts section for the RLDR_CF relation to identify the feature ID. Overlay this template on the data dump starting at the first byte. The first two bytes of the second dump message are the internal port name of the line that is missing feature data.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the feature ID dumped and the port to determine the appropriate feature ID.

88. FC0106 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Required digits were corrupted.

89. FC0107 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIRT_TRKG tuple for this trunk group number was missing.

Data Structures:

RLRT_TRKG. Key field: grpnum. The grpnum is in bytes 1 and 2 of the data dump.

Action:

Use RC/V to check the key used to access the RLRT_TRKG relation. If the tuple for this key should exist, insert the tuple.

90. FC0108 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIRT_TRKG tuple for this trunk group contained an invalid value for the ncd_scrn attribute.

Data Structures:

RLRT_TRKG.

In the data dump, the grpnum is in bytes 1 and 2, the orig_lata is in the last 4 bits of byte 12, and the ncd_scrn is in the first 2 bits of byte 17.

Action:

Use RC/V to check the value of the ncd_scrn field for the RLRT_TRKG relation. The acceptable values are defined in domain DMncdscrn.

91. FC0110 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICC_ONPA tuple was missing.

Data Structures:

RLCC_ONPA. Key field: pseudo_npa.

The data dump includes the following information:

Byte	Name	Value (hex)	Description
0	pseudo_npa	0	Left-most byte of X code.
1	pseudo_npa	0 - 9	Right-most byte of X code.
2	orig_npa[0]	30 - 39	Left-most digit of NPA.
3	orig_npa[1]	30 - 39	Middle digit of NPA.
4	orig_npa[2]	30 - 39	Right-most digit of NPA.

NOTE: The X code is the right-most digit in a numbering plan area (NPA) in the form "00X".

Action:

For the key, determine the correct originating NPA. Use the key to access the RLCC_ONPA relation, then add or

correct the originating NPA.

92. FC0111 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services office (OSO)/inward wide area telecommunications service (INWATS) call is determined by two destination types: FCOSOIWT (AT&T-C OSO/INWATS call) or FCINWATS (non-AT&T-C OSO/INWATS call).

The special area code (SAC) of an OSO/INWATS call should be 800 or 00X, where X is 0 through 9. The destination type was FCOSOIWT or FCINWATS, but the SAC was not 800 or 00X.

Data Structures:

The data dump includes the following information:

First Field:

Byte	Name	Value	Description
0	dest_type	0	Left-most byte
1	dest_type	M or N*	Right-most byte of dest_type

*M = current enum value for FCOSOIWT

N = current enum value for FCINWATS

Second Field:

Byte	Name	Value (hex)	Description
0	dn[0]	30, 38	Left-most digit of SAC (0 or 8)
1	dn[1]	30	Middle digit of SAC (0)
2	dn[2]	30 - 39	Right-most digit of SAC (0 - 9)

93. FC0112 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Feature control (FC) operator services office (OSO)/inward wide area telecommunications service (INWATS) received an OSMSG message with an incorrect message type or other invalid data.

Data Structures:

The data dump includes the following information:

Byte	Name	Value	Description
0,1	procno		Processor number
2	pcrid		Processor ID
3	uniq		Uniqueness
4,5	type	MGCCSDS or MGIWFAIL	Type of message
6	priority	0	Priority
7	length		Length of message text
8 →			Message text

94. FC0114 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received from the far process (which is the process at the other end of the call). In this case, the far process can be either the originating or terminating process. Additional data from up to 5 model data

blocks (MDBs) will be dumped. If this is a recurrent message, notify your next level of support.

95. FC0115 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received from the far process (which is the process at the other end of the call). In this case, the far process can be either the originating or terminating process. Additional data from up to 5 model data blocks (MDBs) will be dumped. If this is a recurrent message, notify your next level of support.

96. FC0116 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGLNQ_TERM message was not present.

97. FC0117 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state was encountered for a delay announcement on a queued call.

98. FC0118 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive failed to access the queue owner block from the queue member block. Possibly, an invalid linkage was found between the two blocks. The program will clean up the problem.

99. FC0127 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An associated process block (APB) field was in error.

100. FC0129 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A model with the given mdb_tag could not be found.

101. FC0155 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The terminating nailup terminal process (TP) did not receive a MGNU_TERM message.

102. FC0156 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A nail-up terminal process (TP) was entered for the wrong reason.

103. FC911TBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The GI911dtim office parameter that specifies delay timing on basic 911 and enhanced 911 calls is set to an invalid value. The call will proceed without any delay timing.

Action:

Use RC/V View 8.1 (OFFICE PARAMETER) to initialize the 911 DELAY field to a valid value.

The value for the GI911dtim parameter printed on the ROP is in milliseconds and the value entered on the RC/V screen is in seconds. The valid values for GI911dtim are 0 ms, 1000 ms, 2000 ms, and 3000 ms. These values are equivalent to 0 seconds, 1 second, 2 seconds, and 3 seconds in the 911 DELAY field, respectively.

104. FCACB_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLACB_CF relation, a failure code of DBNO_MATCH was returned. An rIACB_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLACB_CF. Key fields: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

105. FCACB_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACB_PORT tuple is missing that is keyed with the logical port (lport) and logical port type (lpt_type).

Data Structures:

RLACB_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport, lpt_type, and the feature ID (fid).

Action:

The automatic call back calling (ACBC) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ACBC feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLACB_PORT relation where RLacb_port.lport is RLfc_line.lport, RLacb_port.lpt_type is RLfc_line.lpt_type, and RLacb_port.featt_id is the ACBC feature ID.

An attempt to read the RLACB_PORT relation using the original (non-BFG) keys was made because the ACBC feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

- (1) Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party for the line in question.
- (2) Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). ACBC is a terminal feature.
- (3) If the brc_trm value from the RLFC_LINE relation is DBNO, contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.
- (4) If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should equal the lport and lpt_type in the ROP output. If the values do not match, further office-dependent data (ODD) inconsistencies may exist. Contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.
- (5) If brc_trm is DBYES and the lport and lpt_type values match, an rIACB_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rIACB_PORT tuple.

106. FCAC_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAC_CF relation, a failure code of DBNO_MATCH was returned. An rIAC_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAC_CF. Key field: feature.

Action:

This is a database inconsistency that can only be corrected by manual action. The affected RC/V view is View 12.47 (LASS AUTOMATIC CALLBACK FEATURE DEFINITION).

107. FCACCT_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACCT_CF tuple is missing. The port attempting to use the account code (ACCT) has an ACCT feature assigned, but no rIACCT_CF tuple exists that is associated with the ACCT feature ID. The ACCT feature ID exists in the RLTRMFEATS relation for the dialing port.

Data Structures:

RLACCT_CF, RLFID2NAME.

The ROP output indicates the SM number (MOD), the source file and line number, the key used to read the relation, the feature ID (FID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use ODBE to cross-check the data in the indicated SM and AM. Use the ACCT feature ID provided in the ROP output to read the RLFID2NAME relation in the AM where RLfid2name.facid is the ACCT feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_NULL.

If an rIFID2NAME tuple does not exist for the ACCT feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rLFID2NAME tuple exists for the ACCT feature ID, insert the appropriate rACCT_CF tuple in the indicated SM. Since RLACCT_CF is an SM redundant relation, the values for RLACCT_CF can be found by reviewing the same tuple in another SM.

108. FCACCT_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical port attempting to use the account code (ACCT) feature has an ACCT feature assigned. The ACCT feature ID exists in the RLTRMFEATS relation for the dialing port.

The logical port is assigned to an ACCT group, but the ACCT group ID in the rACCT_PRT tuple is invalid or an rACCT_GP tuple is missing.

Data Structures:

RLACCT_PRT, RLACCT_GP, RLDB_AMGPD, RLDB_IMGPD, RLDB_GPDUS, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, the key used to read the relation, the ACCT group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use ODBE to cross-check the data in the indicated SM and AM. Use the ACCT group ID provided in the ROP output to read the RLfid2NAME relation in the AM where RLfid2name.facid is the ACCT group ID, RLfid2name.class is FACACCT, and RLfid2name.subclass is SCL_NULL.

If an rLFID2NAME tuple does not exist for the ACCT group ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rLFID2NAME tuple does exist for the ACCT group ID, insert the appropriate rACCT_GP tuple in the indicated SM where RLacct_gp.gpid is the ACCT group ID.

Since the RLACCT_GP relation is a group partitioned relation, the RLDB_AMGPD, RLDB_IMGPD, and RLDB_GPDUS group partitioned control relations may also need to be updated.

109. FCACCT_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rACCT_PRT tuple is missing. The keys are the logical port (lport) and logical port type (lpt_type).

Data Structures:

RLACCT_PRT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the lport and lpt_type keys used to read this relation.

Action:

The account code (ACCT) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ACCT feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLACCT_PRT relation: RLacct_prt.lport=RLfc_line.lport and RLacct_prt.lpt_type=RLfc_line.lpt_type.

An attempt to read the RLACCT_PRT relation using the original (non-BFG) keys was made because the ACCT feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). ACCT is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should equal the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rIACCT_PRT tuple should exist for the original (non-BFG) keys. Insert the appropriate RLACCT_PRT tuple.

110. FCACCT_RTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical port attempting to use the account code (ACCT) feature has an ACCT feature assigned. The ACCT feature ID exists in the RLTRMFEATS relation for the originating port.

The logical port is assigned to an account code associated code routing table in an rIACCT_PRT tuple, but the ACCT table ID in the rIACCT_PRT tuple is invalid or an rIACCT_RTG tuple is missing.

Data Structures:

RLACCT_PRT, RLACCT_RTG, RLDB_AMGPD, RLDB_IMGPD, RLDB_GPDUS, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the ACCT routing table ID (TABLE ID), the originating logical port (LPORT) and the logical port type (LPT TYPE).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM. Use the ACCT table ID provided in the ROP output to read the RLfid2NAME relation in the AM where RLfid2name.facid is the ACCT table ID, RLfid2name.class is FACRTTAB, and RLfid2name.subclass is SCL_NULL.

If an rIFID2NAME tuple does not exist for the ACCT table ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rIFID2NAME tuple does exist for the ACCT table ID, insert the appropriate rIACCT_RTG tuple in the indicated SM where RLacct_rtg.cdtblid is the ACCT table ID.

Since RLACCT_RTG is a group partitioned relation, the RLDB_AMGPD, RLDBIMGPD, and RLDB_GPDUS group partitioned control relations may also need to be updated.

111. FCACDAFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The user is not allowed to dial the directory number (DN) found in the incoming line history block (ILHB) for the local area signaling services (LASS) automatic callback (AC) feature. The ILHB contains a 10-digit public DN.

The DN to run through digit analysis was derived using the network management (NM) default number plan area (NPA) on RC/V View 8.1 (OFFICE PARAMETERS MISCELLANEOUS), the local digit interpreter table (LDIT) implied NPA data on RC/V View 9.3 (LOCAL DIGIT OFFICE DIALING), and the LASS prefix index (LASSPFX) on RC/V View 8.20 (LASS PREFIX EXCEPTION LIST).

If digit analysis on that derived DN was successful, screening and routing was done. The screening data is on RC/V View 10.10 (SCREENING CHARGING). The routing data is on RC/V Views 10.10 and 10.2 (ROUTE INDEX ROUTING).

Action:

1. Use the customer data printed on the ROP to determine the LDIT value for the user. Use the rate area exception (RAX) and line class code (LCC) values from RC/V View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]) to get the digit analysis selector (DAS) value on RC/V View 4.1 (LINE CLASS CODE). Use the DAS to get the LDIT value from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR OFFICE DIALING).

Access RC/V View 9.2 (PREFIX/FEATURE DIGIT OFFICE DIALING) and RC/V View 9.3 with incoming digits as follows:

Possible ways to dial a public DN are: NXX-XXXX, 1+NXX-XXXX, NPA-NXX-XXXX, and 1+NPA-NXX-XXXX. This algorithm is used to determine correct way.

If the (NPA in the ILHB)=(NM default NPA),

a. try NXX-XXXX first. Check the implied NPA fields from LDIT using the prefix NONE. If this data shows that the implied NPA is the NM default NPA, use NXX-XXXX. Verify that screening and routing succeed for this DN for the user by reviewing RC/V View 10.10 and RC/V View 10.2.

b. Try 1+NXX-XXXX second. Check the implied NPA fields from LDIT using the prefix 1+. If this data shows that the implied NPA is the NM default NPA, use 1+NXX-XXXX. Verify that screening and routing succeed for this DN for the user by reviewing RC/V View 10.10 and View 10.2.

If the (NPA in the ILHB)!(NM default NPA),

a. try NXX-XXXX first. Check the implied NPA fields from LDIT using the prefix NONE. If this data shows that the implied NPA is the NPA in the ILHB, use NXX-XXXX. Verify that screening and routing succeed for this DN for the user by reviewing RC/V View 10.10 and View 10.2.

b. try 1+NXX-XXXX second. Check the implied NPA fields from LDIT using the prefix 1+. If this data shows that the implied NPA is the NPA in the ILHB, use 1+NXX-XXXX. Verify that screening and routing succeed for this DN for the user by reviewing RC/V View 10.10 and View 10.2.

If not found above, use all 10 digits. Use the LASSPFX to determine if 1+ is needed. If so, use 1+NPA-NXX-XXXX. Otherwise, use NPA-NXX-XXXX. Verify that screening and routing succeed for this DN for the user by reviewing RC/V View 10.10 and View 10.2.

2. Verify that the user's LDIT, LCC, and RAX allow dialing the DN as described above. If not and this is desired, add the appropriate DN scheme to the user's dialing plan.

112. FCACDDIS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the automatic call distribution (ACD) seizure display relation RLACDDISP.

Data Structures:

RLACDDISP. The ROP output indicates the SM number (MOD), the source file and line number where the RLACDDISP relation was read, and the seizure display index (DISPX) used to read this relation.

Action:

Use RC/V View 21.26 (SEIZURE) to create a new seizure display with the DISPX indicated on the ROP.

113. FCACPFIX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACPFIX tuple is missing or contains invalid data.

Data Structures:

RLACPFIX. Key field: dummy key (there is only one rIACPFIX tuple).

Action:

If the rIACPFIX tuple is missing, insert the tuple via RC/V View 8.20 (LASS PREFIX EXCEPTION LIST).

If the rIACPFIX tuple is not missing, then one of the exceptions fields has invalid data. Insert the valid data via RC/V View 8.20. The exception field is an NPA or an NPANXX. Only 3 or 6 digits are valid for this field.

114. FCAC_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAC_PORT relation, a failure code of DBNO_MATCH was returned. An rIAC_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAC_PORT. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action. Add an rIAC_PORT tuple with the lport and lpt_type keys from the ROP output and specify the ring type.

115. FCAD1S_IDP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAD1S_IDP relation, a failure code of DBNO_MATCH was returned. An rIAD1S_IDP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAD1S_IDP. Key fields: abbreviated 1-digit dialing (AD1) ID, AD code.

Action:

This is a database inconsistency that can only be corrected by manual action.

116. FCAD2S_IDP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAD2S_IDP relation, a failure code of DBNO_MATCH was returned. An rIAD2S_IDP

tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAD2S_IDP. Key fields: AD2 ID, ten digit code, one digit code.

The abbreviated 2-digit dialing (AD2) ID is the first data item dumped, the ten digit code is the second data item dumped, and the one digit code is the third data item dumped.

Action:

This is a database inconsistency that can only be corrected by manual action.

117. FCAHHCE9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: E911DB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAahhce9() failed to add an enhanced 911 (E911) data block tuple rIE911DB to the idle list. The E911DB audit will be scheduled. A call in progress normally will not be affected since an rIE911DB tuple is not critical to the continuation of the call. However, if the E911DB audit initiates a process control block link area (PCBLA) audit, the call could be torn down.

118. FCAISSMISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incoming intercept call was sent to reorder because of an office engineering problem. The call arrived over a trunk group member with a trunk class of INAISTRK on a basic SM. This class of trunk should always be terminated on a standard or loaded SM.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

The SM number, trunk group number, and trunk member number are printed on the ROP. The SM number should be for a basic SM. To verify this, use ODBE to review the parameter Glconfigname on this SM. If the Glconfigname parameter is set to D_BASIC, then the SM is a basic SM. If the affected SM is not a basic SM, contact your next level of support.

If the SM number printed is for a basic SM, then the trunk group member needs to be moved to a standard or loaded SM. If the hardware needed to terminate the trunk group member is available on a standard or loaded SM, use RC/V View 5.5 (TRUNK MEMBER) to delete the member then regrow it on the new SM.

If the hardware is not available, contact the originating office so that the trunk can be taken out of service at the other end.

119. FCALOSRVOT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function call to OAalo_srvot() from FCtrl_trig(), returned GLFAIL. OAalo_srvot() allocates SRVOT tuples and this administration is dependent on the global Gltrkcnt, which may be updated whenever FCtrl_trig() is invoked by RC/V.

Probable Cause:

Causes include an incorrect parameter ID passed, an incorrect transaction ID parameter passed, unable to get the

new tuple count from OAresizerel(), or unable to update a global parameter.

Action:
None.

120. FCANCHDENTRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility / service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed. An invalid command entry in the phrase/command list of an rIANNNC_HDR tuple was encountered.

The entry was interpreted as a command since it had a value greater than 16383, but was not recognized as a valid command or was specified to repeat a digit string when no digit string expansion had been previously specified.

Data Structures:

RLANNC_HDR. Key fields: application, announcement header ID

Action:

Use RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST) to correct the rIANNNC_HDR tuple associated with the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements including the indicated announcement header.

All SMs equipped with DSU2-RAF/SAS units for this application should have this relation redundantly populated (unless growth is in progress). If another SM includes an rIANNNC_HDR tuple with the same key values, its contents can be copied to this SM. Further information can be found in the 5ESSTM Translations and Dynamic Data Manual.

121. FCANCHDID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility / service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software could not retrieve the rIANNNC_HDR tuple associated with the key values indicated.

Data Structures:

RLANNC_HDR. Key fields: application, announcement header ID

Action:

Use RC/V View 8.61 (HEADER PHRASE) to insert an rIANNNC_HDR tuple using the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements which include the indicated announcement header.

As well, all SMs that provide announcements for this application must be found in the corresponding tuple in rIANNNC_APL. Use RC/V view 8.64 (APPLICATION LIST) to update the list of valid SMs using this application as the key value.

All SMs equipped with DSU2-RAF/SAS units for this application should have the relation rIANNNC_HDR redundantly populated (unless growth is in progress). If another SM includes a tuple in the RLANNC_HDR relation with the same key values, its contents can be copied to this SM. Further information can be found in the 5ESSTM Translations and Dynamic Data Manual.

122. FCANCINENTRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility / service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software encountered an invalid inflection command entry in the phrase/command list of an rLANNC_DIG tuple.

Data Structures:

RLANNC_DIG. Key fields: application, digit inflection ID.

Action:

Use RC/V View 8.60 (DIGIT INFLECTION) to correct the rLANNC_DIG tuple associated with the SM and key values given in the ROP output message. This tuple should specify the inflection scheme to be applied to digit strings of the type indicated.

All SMs equipped with DSU2-RAF/SAS units for this application should have this relation redundantly populated (unless growth is in progress). If another SM includes a tuple in the RLANNC_DIG relation with the same key values, its contents can be copied to this SM. Further information can be found in the 5ESS[®] Switch Translations and Dynamic Data Manual.

123. FCANCINID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility / service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software could not retrieve the rLANNC_DIG tuple associated with the key values indicated.

Data Structures:

RLANNC_DIG. Key fields: application, digit inflection ID

Action:

Use RC/V View 8.60 (DIGIT INFLECTION) to insert an rLANNC_DIG tuple with the SM and key values given in the ROP output message. This tuple should specify the inflection scheme to be applied to digit strings of the type indicated.

All SMs equipped with DSU2-RAF/SAS units for this application should have this relation redundantly populated (unless growth is in progress). If another SM includes a tuple in the RLANNC_DIG relation with the same key values, its contents can be copied to this SM. Further information can be found in the 5ESSTM Translations and Dynamic Data Manual.

124. FCANCTRENTY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility / service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software encountered an invalid command entry in the phrase/command list of an rLANNC_TRL tuple.

The entry was interpreted as a command since it had a value greater than 16383, but was not recognized as a valid command or specified to repeat a digit string when no digit string expansion had been previously specified (in the announcement trailer).

Data Structures:

RLANNC_TRL. Key fields: application, announcement trailer ID

Action:

Use RC/V View 8.62 (ANNOUNCEMENT TRAILER PHRASE LIST) to correct the rLANNC_TRL tuple associated with the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements including the indicated announcement trailer.

All SMs equipped with DSU2-RAF/SAS units for this application should have this relation redundantly populated (unless growth is in progress). If another SM includes a tuple in the RLANNC_TRL relation with the same key values, its contents can be copied to this SM. Further information can be found in the 5ESSTM Translations and Dynamic Data Manual.

125. FCANCTRID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility / service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software could not retrieve the rLANNC_TRL tuple associated with the key values indicated.

Data Structures:

RLANNC_TRL. Key fields: application, announcement trailer ID

Action:

Use RC/V View 8.62 (ANNOUNCEMENT TRAILER PHRASE LIST) to insert an rLANNC_TRL tuple using the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements which include the indicated announcement trailer.

All SMs equipped with DSU2-RAF/SAS units for this application should have this relation redundantly populated (unless growth is in progress). If another SM includes a tuple in the RLANNC_TRL relation with the same key values, its contents can be copied to this SM. Further information can be found in the 5ESSTM Translations and Dynamic Data Manual.

126. FCAPCCC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to get a head link for the member rCCBCOM tuple from its owner rPCBLA tuple using the DAGhpccc() function. DAGhpccc() returned an unexpected failure indicating possible invalid linkage from the rPCBLA tuple to the rCCBCOM tuple.

127. FCARALTFRL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple missing from the automatic route selection (ARS) alternate facility restriction level (FRL) relation RLARALTFRL.

Data Structures:

RLARALTFRL, RLARGRP.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - ARS group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

The logical port attempting to use the alternate FRL feature has an rIARGRP tuple (keyed with the ARS group ID) that indicates the alternate FRL feature is allowed and active.

Use the ROP output to verify that the logical port does have the alternate FRL feature assigned and active by looking at RC/V View 10.5 (AUTOMATIC ROUTE SELECTION GROUP PARAMETERS). If alw_alt_frl and alt_frl are both YES, a tuple needs to be populated for this ARS group on RC/V View 10.8 (ARS ALTERNATE FACILITY RESTRICTION LEVELS).

128. FCARCBADPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter value was passed to a local area signaling services (LASS) automatic callback/automatic recall (AC/AR) function.

129. FCARCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLARCF relation, a failure code of DBNO_MATCH was returned. An rIARCF tuple is missing or the keys used to access the relation were not set properly.

Data Structures:

RLARCF. Key fields: feature ID.

Action:

This is a database inconsistency. Verify that the key on the ROP is valid. Use RC/V View 12.11 (AUTOMATIC ROUTE SELECTION FEATURE DEFINITION) to assign the rIARCF tuple.

130. FCAR_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAR_CF relation, a failure code of DBNO_MATCH was returned. An rIAR_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAR_CF. Key field: feature.

Action:

This is a database inconsistency that can only be corrected by manual action. The affected RC/V view is View 12.48 (LASS AUTOMATIC RECALL FEATURE DEFINITION).

131. FCARCOMPUNXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A local area signaling services (LASS) automatic callback/automatic recall (AC/AR) function was called with an unexpected event for the specified entry in the FCcamplist[] array. The entry is the wrong type, or is in the wrong state for this event.

132. FCARCMMSGUNXP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message type or an unexpected value in a message was passed to a local area signaling services (LASS) automatic callback/automatic recall (AC/AR) function.

133. FCARCOSMGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call by a local area signaling services (LASS) automatic callback/automatic recall (AC/AR) function to the OSSENDMSG() macro failed for a reason other than resource overload.

134. FCARGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During automatic route selection (ARS) initialization for a call, a database read of the RLARGP relation (which contains information about the ARS group ID) failed to find a tuple. Calls for the indicated ARS group ID will not complete until this problem is corrected.

Data Structures:

RLARGP. Key field: arsgpid.

The ROP output provides the ARS group ID (arsgpid), the logical port, and the logical port type.

Action:

The logical port attempting to use the ARS feature has an ARS feature assigned. The ARS feature ID exists in the RLTRMFEATS relation for the originating port.

The logical port is assigned to a valid ARS group (an rIARPORT tuple exists), but the ARS group ID in the rIARPORT tuple is not valid or an rIARGP tuple is missing. For leased network calls (ln_type field in the rIFC_TRUNK tuple is not LN_NULL), the ARS group ID in the rINET_GPID tuple is not valid or an rIARGP tuple is missing.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and CMP.

1. Use the ARS group ID provided in the ROP output to read the RLFID2NAME relation in the CMP where RLfid2name.facid is the ARS group ID, RLfid2name.class is FACARS, and RLfid2name.subclass is SCL_NULL.
2. If an rLFID2NAME tuple does not exist for the ARS group ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
3. If an rLFID2NAME tuple does exist for the ARS group ID, insert the appropriate rIARGP tuple in the indicated SM where RLargp.ar_gpid is the ARS group ID.

Since the RLARGP relation is a group partitioned relation, the RLDB_AMGPD, RLIMGPD, and RLDB_GPDUS group partitioned control relations may also need to be updated.

There is no RC/V procedure to correct this error. For details on ARS data population, refer to the "BRCS Feature Definitions" section of the 5ESS® Switch Recent Change Procedures Text Interface manual.

135. FCARLNSI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During automatic route selection (ARS) initialization for a call, a database read of the RLAR_LNSI relation, which contains information about the ARS screening index (SI), failed to find a tuple. LN calls for the indicated switch type (access or via) will not complete until this problem is corrected.

Data Structures:

RLAR_LNSI. Key fields: ln_node, data_call.

The logical port is dumped.

Action:

Determine which data is incorrect - the ln_type field in the RLFC_TRUNK relation from which the ln_node attribute is derived, or the data_call field. Read the RLFC_TRUNK relation keyed by the logical port (lport). If the ln_type is incorrect, notify your next level of support.

If data_call is incorrect, notify the LN network control point (NCP) as this information is sent to the LN action point (ACP) from the LN NCP.

If both ln_type and data_call are correct, insert a new rLAR_LNSI tuple using RC/V View 10.22 (LEASED NETWORK ROUTING).

136. FCARPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLARPORT tuple is missing that is keyed with the logical port (lport) and logical port type (lpt_type).

The automatic route selection (ARS) business and residential custom services (BRCS) feature can be directly assigned to a line or trunk, or assigned via a BRCS feature group (BFG). When the ARS feature is directly assigned to a line, the original (non-BFG) keys are used to read the RLARPORT relation where RLarport.lport=RLfc_line.lport and RLarport.lpt_type=RLfc_line.lpt_type.

When the ARS feature is assigned to a trunk, the keys are RLarport.lport=RLfc_trunk.lport and RLarport.lpt_type=LPT_OTHER=0.

An attempt to read the RLARPORT relation using the original (non-BFG) keys was made because the ARS feature is thought to be assigned directly to the line or trunk. In most cases, this call will be blocked.

Data Structures:

RLARPORT, RLFC_LINE, RLFC_TRUNK, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, the keys used to read this relation (lport and lpt_type), and the global port number (PORT).

Action:

Use ODBE to crosscheck the data in the indicated SM.

1. Use the original lport (if not 0) and lpt_type keys from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.

2. For lines, use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). For trunks, read the RLFC_TRUNK relation to find the logical port (lport) and the indicator for BRCS terminal features (brc_trm). The lpt_type is 0 for trunks. ARS

is a terminal feature.

3. If the brc_trm value from RLFC_LINE (or RLFC_TRUNK) is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE (or RLFC_TRUNK) is DBYES, then the lport and lpt_type from RLFC_LINE (or RLFC_TRUNK) should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rIARPORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rIARPORT tuple.

NOTE: If this is an Electronic Tandem Network (ETN) on Primary Rate Interface (PRI) call and the value for lport is 0, the switch may be attempting to send the traveling class mark (TCM) information element (IE) out in the SETUP message; but there is no ARS feature assigned to the outgoing trunk and the inhibit_tcm bit is not set. To prevent this assert for this specific case, at least one of these conditions should be true.

137. FCAR_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAR_PORT relation, a failure code of DBNO_MATCH was returned. An rIAR_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAR_PORT. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action. Add an rIAR_PORT tuple with the lport and lpt_type keys from the ROP output and specify the ring type.

138. FCARSCRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLARSCRN relation, a failure code of DBNO_MATCH was returned. An rIARSCRN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLARSCRN. Key fields: group ID, index, screen index.

Action:

This is a database inconsistency that can not be corrected by a simple RC/V procedure. For details on automatic route selection (ARS) data population, refer to the "BRCS Feature Definitions" section of the 5ESS® Switch Recent Change Procedures Text Interface manual.

139. FCARTCM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to use the traveling class mark (TCM) feature, the automatic route selection (ARS) logical port information relation RLARPORT had a tuple with a valid ARS group ID (argpid) and a tcmn value of 1 (which means the TCM feature is allowed, active, and must be used). However, the TCM conversion relation information has not been fully supplied; that is, an rIARTCM tuple is missing or has incorrect data for the group used by this

port.

Data Structures:

RLARTCM, RLARPORT.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the ARS group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use the data in the ROP output and RC/V View 5.21 (AUTOMATIC ROUTE SELECTION TRUNK PARAMETERS) to verify that the logical port has the TCM feature allowed.

If the tcmin value equals 1, use RC/V View 10.9 (ARS TRAVELING CLASS MARKS [CONVERSION FROM 1-DIGIT TCM]) to populate an rLARTCM tuple for the ARS group specified. If an rLARTCM tuple already exists for the specified ARS group, then re-populate the data.

140. FCASPAMNST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application type in the rLNS_TRIG tuple associated with an advanced services platform (ASP) trigger is not ASP. During ASP originating trigger detection for the following triggers:

- (a) off_hook_immediate (OHI)
- (b) off_hook_delay (OHD)
- (c) originating_busy_line (OBL)
- (d) originating_no_answer (ONA)
- (e) direct link access trigger (DAL)
- (f) terminating_busy_line (TBL)
- (g) terminating_no_answer (TNA)

the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers, and for shared interoffice trunk (SIOT) triggers or direct link access triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type
 RLASP_LTM. Key fields: module, ltm_itx, ltm_type
 RLNS_TRIG. Key field: trignum
 RLDAPRLFNL. Key field: previous
 RLDAPRMFNL. Key field: previous
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig
 RLFC_LINE. Key fields: port.member, port.module, party
 RLFC_TRUNK. Key fields: port.member, port.module

Action:

One of two problems occurred.

- (1) The app_typ field in the specified rINS_TRIG tuple is incorrect and should be corrected using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the ASP application type.

Follow these steps to identify and correct the problem.

- (1) Consult the office records to determine if the application type associated with the trigger number printed on the ROP should be ASP. If it should, problem #1 occurred and the APPLICATION field should be changed on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, problem #2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI, OHD, OBL or ONA triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
 - (e) RLFC_TRUNK for direct link access triggers (DAL)
 - (f) RLASP_LTM for TBL or TNA triggers
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) If the ROP output specifies an OHI, OHD, OBL, ONA trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the Master Control Center (MCC) OP:CONV command.
 - (b) Obtain the ASP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.

- (c) Correct the trigger number.

For lines, change the OHI, OHD, OBL or ONA TRIG NBR (depending on the trigger specified) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and the FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records using RC/V View 5.64

(ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and the FEATURE obtained in step 4b as keys.

(5) If the ROP output specifies an FCD trigger:

- (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR (OFFICE DIALING)), using the digit analysis selector (DAS) printed on the ROP as the key.
- (b) Change the TRIG NBR field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)), using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.

(6) If the ROP output specifies a CDP trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN using the MCC OP:CONV command.
- (b) Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 or RC/V View 1.11 using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 using the trunk group number as the key or from RC/V View 5.11 using the trunk group number and member as keys.

- (c) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (d) Change the TRIG NBR field to the value from the office records using RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)) using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

(7) If the ROP output specifies a SIOT trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number using the MCC OP:CONV command.
- (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
- (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on RC/V View 8.49 (ASP PARAMETERS) to the correct value.

(8) If the ROP output specifies a direct link access trigger:

- (a) Using the trunk group number reported on the ROP as the key to RC/V View 5.1 (TRUNK GROUP), examine the TRIG NBR field. If the field is not 0, change it to the correct value based on the office

records

(9) If the ROP output specifies a TBL or TNA trigger:

(a) Specify the MEMBER and MODULE printed on the ROP to obtain the directory number (DN) using the MCC OP:CONV command.

(b) Obtain the ASP feature:

Obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) or RC/V View 23.8 (DSL/BRCS ASSIGNMENT) using the DN as the key.

(c) Correct the trigger number:

Change the TBL or TNA TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 9a and FEATURE obtained in step 9b as keys. Alternatively, the TBL or TNA TRIG NBR fields may be updated directly on the 1.8 or 23.8 forms from step 9b.

141. FCASPAMNST (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application type in the rLNS_TRIG tuple associated with an advanced services platform (ASP) trigger is not ASP. During ASP originating trigger detection for the following triggers:

- (a) off_hook_immediate (OHI)
- (b) off_hook_delay (OHD)
- (c) originating_busy_line (OBL)
- (d) originating_no_answer (ONA)
- (e) direct link access trigger (DAL)

the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers, and for shared interoffice trunk (SIOT) triggers or direct link access triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type

RLNS_TRIG. Key field: trignum

RLDAPRLFNL. Key field: previous

RLDAPRMFNL. Key field: previous

RLIDP_DTRE. Key fields: idp_gpid, table_id, digit

RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig

RLFC_LINE. Key fields: port.member, port.module, party

RLFC_TRUNK. Key fields: port.member, port.module

Action:

One of two problems occurred.

- (1) The app_typ field in the specified rINS_TRIG tuple is incorrect and should be corrected via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the ASP application type.

Follow these steps to identify and correct the problem.

- (1) Consult the office records to determine if the application type associated with the trigger number printed on the ROP should be ASP. If it should, problem #1 occurred and the APPLICATION field should be changed on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, problem #2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI, OHD, OBL or ONA triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
 - (e) RLFC_TRUNK for direct link access triggers (DAL)
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) If the ROP output specifies an OHI, OHD, OBL, ONA trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the Master Control Center (MCC) OP:CONV command.
 - (b) Obtain the ASP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.

- (c) Correct the trigger number.

For lines, change the OHI, OHD, OBL or ONA TRIG NBR (depending on the trigger specified) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and the FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records using RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and the FEATURE obtained in step 4b as keys.

(5) If the ROP output specifies an FCD trigger:

- (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR (OFFICE DIALING)), using the digit analysis selector (DAS) printed on the ROP as the key.
- (b) Change the TRIG NBR field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)), using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.

(6) If the ROP output specifies a CDP trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN using the MCC op:conv command.
- (b) Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 or RC/V View 1.11 using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 using the trunk group number as the key or from RC/V View 5.11 using the trunk group number and member as keys.

- (c) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (d) Change the TRIG NBR field to the value from the office records via RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)) using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

(7) If the ROP output specifies a SIOT trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number via the MCC op:conv command.
- (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
- (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on RC/V View 8.49 (ASP PARAMETERS) to the correct value.

(8) If the ROP output specifies a Direct Link Access Trigger:

- (a) Using the trunk group number reported on the ROP as the key to RC/V View 5.1 (TRUNK GROUP),

examine the TRIG NBR field field. If the field is not 0, change it to the correct value based on the office records.

142. FCASPAMNST (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application type in the rINS_TRIG tuple associated with an advanced services platform (ASP) trigger is not ASP. During ASP originating trigger detection for the following triggers:

- (a) off_hook_immediate (OHI)
- (b) off_hook_delay (OHD)
- (c) originating_busy_line (OBL)
- (d) originating_no_answer (ONA)

the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers, and for shared interoffice trunk (SIOT) triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type.
 RLNS_TRIG. Key field: trignum.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMFNL. Key field: previous.
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit.
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig.
 RLFC_LINE. Key fields: port.member, port.module, party.
 RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of two problems occurred.

- (1) The app_typ field in the specified rINS_TRIG tuple is incorrect and should be corrected using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the ASP application type.

Follow these steps to identify and correct the problem.

- (1) Consult the office records to determine if the application type associated with the trigger number printed on the ROP should be ASP. If it should, problem #1 occurred and the APPLICATION field should be changed on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, problem #2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI, OHD, OBL or ONA triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers

- (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) If the ROP output specifies an OHI, OHD, OBL, ONA trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the master control center (MCC) op:conv command.
 - (b) Obtain the ASP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 [BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)] using the trunk group number and member as keys.

- (c) Correct the trigger number.

For lines, change the OHI, OHD, OBL or ONA TRIG NBR (depending on the trigger specified) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and the FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records using RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and the FEATURE obtained in step 4b as keys.

- (5) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 [DIGIT ANALYSIS SELECTOR (OFFICE DIALING)], using the digit analysis selector (DAS) printed on the ROP as the key.
 - (b) Change the TRIG NBR field to the value from the office records using RC/V View 9.2 [PREFIX/FEATURE DIGIT (OFFICE DIALING)], using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.
- (6) If the ROP output specifies a CDP trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN using the MCC op:conv command.
 - (b) Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 or RC/V View 1.11 using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 using the trunk group number as the key or from RC/V View 5.11 using the trunk group number and member as keys.

- (c) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (d) Change the TRIG NBR field to the value from the office records using RC/V View 9.13 [IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)] using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

- (7) If the ROP output specifies a SIOT trigger:
- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number using the MCC op:conv command.
 - (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
 - (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on screen 4 of RC/V View 8.1 (OFFICE PARAMETERS) to the correct value.

143. FCASPAMNST (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application type in the rINS_TRIG tuple associated with an advanced services platform (ASP) trigger is not ASP. During ASP originating trigger detection for off_hook_immediate (OHI) or off_hook_delayed (OHD) triggers, the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers, and for shared interoffice trunk (SIOT) triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type.
 RLNS_TRIG. Key field: trignum.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMFNL. Key field: previous.
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit.
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig.
 RLFC_LINE. Key fields: port.member, port.module, party.
 RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of two problems occurred.

1. The app_typ field in the specified rINS_TRIG tuple is incorrect and should be corrected via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
2. The trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the ASP application type.

Follow these steps to identify and correct the problem:

1. Consult the office records to determine if the application type associated with the trigger number printed on the ROP should be ASP. If it should, problem #1 occurred and the APPLICATION field should be changed on RC/V View 9.35 using the trigger number specified as the key.
2. If the rINS_TRIG tuple is set up correctly, problem #2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - a. RLASP_PORT for OHI and OHD triggers
 - b. RLPRLFNL or RLPRMFNL for FCD triggers

- c. RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - d. RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
3. Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
4. If the ROP output specifies an OHI or OHD trigger:
- a. Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) via the master control center (MCC) op:conv command.
 - b. Obtain the ASP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) using the trunk group number and member as keys.

- c. Correct the trigger number.

For lines, change the OHI or OHD TRIG NBR (depending on the trigger specified) to the value from the office records via RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and the FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records via RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and the FEATURE obtained in step 4b as keys.

5. If the ROP output specifies an FCD trigger:
- a. Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]), using the digit analysis selector (DAS) printed on the ROP as the key.
 - b. Change the TRIG NBR field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]), using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.
6. If the ROP output specifies a CDP trigger:
- a. Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN via the master control center (MCC) op:conv command.
 - b. Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 or RC/V View 1.11 using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 using the trunk group number as the key or from RC/V View 5.11 using the trunk group number and member as keys.

- c. Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the

keys.

d. Change the TRIG NBR field to the value from the office records via RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT [INDIVIDUAL DIALING]) using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

7. If the ROP output specifies a SIOT trigger:

a. Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number via the master control center (MCC) op:conv command.

b. Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.

c. If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on screen 4 of RC/V View 8.1 (OFFICE PARAMETERS) to the correct value.

144. FCASPANN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either a rISSP_ANN tuple is missing or the AIN Toll-Free feature is not unlocked. For the missing rISSP_ANN tuple case, the service control point (SCP) sent a message to the service switching point (SSP) to play an advanced services platform (ASP) announcement. The announcement code was not recognized by the switch; consequently, the announcement can not be played. The call is given reorder tone or standard switch error treatment.

Data Structures:

RLSSP_ANN. Key fields: announcement code, sm.

Action:

Insert an rISSP_ANN tuple with the keys given on the ROP via RC/V View 10.17 (NETWORK ANNOUNCEMENTS). To find the SM number, read RC/V View 8.64 (ANNOUNCEMENT APPLICATION SM LIST) and enter ASP as the application. For the AIN Toll-Free feature locked case, the SCP has instructed the SSP to route the ASP call to a 13A or equivalent announcement. The AIN Toll-Free feature must be unlocked to route an ASP call to a 13A or equivalent announcement.

Action:

Unlock the AIN Toll-Free feature via RC/V 8.22 (SECURED FEATURE UPDATE). Use the existing secured feature procedures to unlock the security lock (SFID=236) for this feature.

145. FCASPCARTRG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem: The trigger number provided as the key to read the RLNS_RTIG relation is invalid or the rLNS_TRIG tuple specified does not exist. During validation of advanced services platform (ASP) carrier trigger the trigger tuple did not exist. The call will proceed as a non-ASP call

Data Structures:

RLNS_TRIG. Key Field: trignum. RLFC_CARR. Key Field: carrier.

Action:

One of two problems occurred:

- (1) The specified rINS_TRIG tuple is missing and must be inserted using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple RC/V view 9.35, is incorrect and must be corrected using the appropriate RC/V views.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the trigger number printed on the ROP is a valid value. If it is valid, problem 1 occurred and the rINS_TRIG tuple corresponding to this trigger number should be added using the information provided in the office records. Add the tuple using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) If the trigger number is not a valid value or if it is 0, problem 2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) a. RLFC_CARR for carrier triggers
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) Correct the trigger number: Change the trigger number specified for the carrier reported on the ROP. Use the carrier as the key to RC/V View 10.3 (INTER-LATA CARRIER). Change the trigger number value based on the office records.

146. FCASPCPFB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The advanced services platform (ASP) feature code dialing (FCD) and custom dialing plan (CDP) triggers are not supported from custom integrated services digital network (ISDN) originations for R0D1 protocol. The trigger number associated with the FCD and CDP triggers should only be populated with R0 protocol. The call will be provided with standard switch error treatment.

Data Structures:

RLNS_TRIG

Action:

Check the trigger number associated with the FCD and CDP triggers on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) to ensure that the FCD and CDP triggers that are assigned to custom ISDN have a trigger number with R0 protocol.

147. FCASPCPOHD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The advanced services platform (ASP) offhook delay trigger (OHD) is not supported from custom integrated services digital network (ISDN) originations for R0D1 protocol. The trigger number associated with the OHD trigger should only be populated with R0 protocol. The call will be provided with standard switch error treatment.

Data Structures:

RLNS_TRIG

Action:

The advanced services platform (ASP) offhook delay trigger (OHD) is not supported from standard integrated services digital network (ISDN) originations for R0 protocol. The trigger number associated with the OHD trigger should only be populated with R0D1 protocol.

148. FCASPCUTTHUTRG (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following occurred during validation of the ASP Cutthru trigger:

- (1) Invalid trigger Number:
The trigger number provided as the key to read the RLNS_TRIG relation is invalid.
- (2) Invalid Protocol:
The ASP protocol in the RLNS_TRIG tuple associated with the Cut-Thru trigger is not valid.
- (3) Invalid Application:
The application type in the RLNS_TRIG tuple associated with cut-thru trigger is not ASP.

Data Structures:

RLNS_TRIG. Key field: trigger number
RLFC_TRUNK. Key field: trunk group number

Action:

- (1) Invalid trigger Number:
Problem 1. The specified RLNS_TRIG tuple is missing and must be inserted using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).

Problem 2. The trigger number specified as the key to the RLNS_TRIG RC/V view 9.35, is incorrect and must be corrected using the appropriate RC/V views.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the trigger number printed on the ROP is a valid value. If it is valid, problem 1 occurred and the RLNS_TRIG tuple corresponding to this trigger number should be added using the information provided in the office records. Add the tuple using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) If the trigger number is not a valid value or if it is 0, problem 2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLFC_TRUNK for Cutthru Triggers
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) Correct the trigger number:

Change the trigger number specified for the trunk group reported on the ROP. Use the trunk group as the key to RC/V view 5.1. Change the trigger number value based on the office records.

- (2) Invalid Protocol:
Check the trigger number associated with the trunk group on RC/V 5.1 to ensure that the trunk group has a trigger number with a protocol of R0D1.
- (3) Invalid Application:
Change the application for the given trigger number using RC/V view 9.35 or correct the ASP office type using 8.49 (ASP parameter).

149. FCASPDFANNC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The announcement code specified for the advanced services platform (ASP) 3/6/10/N11 Digit Trigger (DNT) trigger default routing treatment is invalid. The 3/6/10/N11 digit trigger will not default route to the announcement and the call will be provided with reorder or with standard switch error treatment if the default routing treatment is ARAF, or will be routed to the dialed or specified directory number (DN) if the default routing treatment is ANDL or ANSP.

Data Structures:

RLDAPRMFNL, RLDAPRLFNL, RLDPRM_G, RLDPRL_G, RLSSP_ANN

Action:

Check the announcement code associated with the 3/6/10/N11 trigger. The announcement code can be found on the RC/V view associated with the 3/6/10/N11 trigger in the dialing plan identified by the DAS printed at the ROP. The possible RC/V views are:

9.2 (PREFIX / FEATURE DIGIT) 9.3 (LOCAL DIGIT) 9.9 (REMAINING DIGIT) 9.6
(RC_INTERNATIONAL_DIRECT_DISTANCE_DIALING) 9.15 (MULTIPLE LOCAL DIGIT)

Insert a rSPP_ANN tuple with the keys of ANNC CODE and SM given on the ROP via RC/V View 10.17 (NETWORK ANNOUNCEMENTS). To find the SM number, read RC/V View 8.64 (ANNOUNCEMENT APPLICATION SM LIST) and enter ASP as the application.

If insertion of a new announcement is undesirable, update the invalid ANNC CODE to a valid ANNC CODE provisioned on RC/V View 10.17.

150. FCASPDFDNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Default Routing has been specified for an advanced services platform (ASP) 3/6/10/N11 Digit Trigger (DNT) trigger. ASP Default Routing is not supported for R0 protocol. The 3/6/10/N11 digit trigger will not default route and the call will be provided with reorder or standard switch error treatment.

Data Structures:

RLNS_TRIG KEY: TRIG NBR

Action:

Check the trigger number associated with the 3/6/10/N11 trigger. The trigger number can be found on the RC/V view associated with the 3/6/10/N11 trigger in the dialing plan identified by the DAS printed on the ROP.

The possible RC/V views are:

9.2 (PREFIX / FEATURE DIGIT) 9.3 (LOCAL DIGIT) 9.9 (REMAINING DIGIT) 9.6

(RC_INTERNATIONAL_DIRECT_DISTANCE_DIALING) 9.15 (MULTIPLE LOCAL DIGIT)

Check the trigger number associated with the 3/6/10/N11 trigger on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) to ensure that the trigger that is assigned to the 3/6/10/N11 is R0D1 protocol.

151. FCASPDFSPDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The specified directory number (DN) designated as the 3/6/10/N11 digit default routing treatment is invalid for one of the following reasons:

1. The SPEC_DN digits are invalid for the dialing plan associated with the originator.
2. The SPEC_DN digits translate to digits that will route to an operator.
3. The SPEC_DN digits translate to digits that cut through to a carrier.
4. The SPEC_DN digits translate to digits that specify B911 or E911.
5. The SPEC_DN digits contain an access code

The failed call results in reorder tone error treatment or standard switch error treatment

Data Structures:

RLDAPRMFNL, RLDAPRLFNL, RLDPRM_G, RLDPRL_G

Action:

Check the SPECIFIED DN associated with the dialed 3/6/10/N11 trigger and verify that the digits are a valid digit string. The SPECIFIED DN can be located on the following views:

9.2 (PREFIX / FEATURE DIGIT) 9.3 (LOCAL DIGIT) 9.9 (REMAINING DIGIT) 9.6
(RC_INTERNATIONAL_DIRECT_DISTANCE_DIALING) 9.15 (MULTIPLE LOCAL DIGIT)

152. FCASPEAOHD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An advanced services platform (ASP) call was attempted on a private equal access multi-frequency (EAMF) trunk and the ASP off_hook_delay (OHD) trigger is not provisioned for that trunk. The call in progress will receive standard switch error treatment.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

RLASP_PORT. Key fields: lport, lpt_type.

Action:

One of three problems occurred.

1. The trunk is incorrectly provisioned as an unrestricted equal access trunk.
2. No ASP originating feature is assigned to the trunk, or the feature was deactivated.
3. The ASP OHD trigger is not defined in the ASP originating feature assigned to the trunk.

Follow these steps to identify and correct the problem:

1. Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member via the master control center (MCC) op:conv command.
2. Consult the office records to determine if the trunk group specified should be defined as unrestricted equal access. If it should not, problem #1 occurred. Change the UNRES_EA field to N on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number from step 1 as the key.
3. If the trunk is correctly provisioned as unrestricted equal access, determine whether an ASP originating feature was assigned to the trunk via RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key, or View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) using the trunk group number and member as keys. If the feature is not assigned or is not active, problem #2 occurred.

If the feature is not active, activate it on RC/V View 5.4 or View 5.11 by setting the associated A field to Y. If the feature is not assigned, define and assign the feature using the office records for the source information and the following RC/V views:

- a. View 12.64 (ADVANCED SERVICES PLATFORM FEATURE DEFINITION) if the ASP originating feature was not defined.
 - b. View 5.4 or 5.11 to assign the feature to the trunk.
 - c. View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) to define the OHD trigger within the ASP originating feature.
4. If the ASP originating feature is assigned and active, the OHD trigger is not defined in the feature and problem #3 occurred. Change the OHD TRIG NBR field to the value specified in the office records via RC/V View 5.64 using the feature from View 5.4 or View 5.11 (step 3) and the trunk group number and member from step 1 as keys.

153. FCASP_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rASP_LTM tuple is missing. One of the keys is not populated or is populated incorrectly. An advanced services platform (ASP) terminating feature ID exists in the RLDN_FEATS relation for the directory number (DN) or multi-line hunt group (MLHG) indicated by the keys to the rASP_LTM tuple.

Data Structures:

RLASP_LTM. Key fields: lead_module, ltm_idx, ltm_type.

The ROP output provides the lead_module which is the SM associated with the DN's port if a line or with the lead member of a MLHG, the ltm_idx which is from the RLFC_LINE relation (keyed by the port), and the ltm_type which is from the RLFC_LINE relation.

Action:

This is a database inconsistency that must be corrected by manual action. Use RC/V (or ODBE, if necessary) to insert an rASP_LTM tuple in the SM specified by the lead_module key with the values specified on the ROP. All other values may be left unpopulated with the default values. Use RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) to update the ASP terminating trigger line parameters for the DN or MLHG.

154. FCASPMNST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trigger number provided as the key to read the RLNS_TRIG relation is invalid or the rINS_TRIG tuple specified does not exist.

During advanced services platform (ASP) originating trigger detection for the following triggers:

- (a) off_hook_immediate (OHI)
- (b) off_hook_delay (OHD)
- (c) originating_busy_line (OBL)
- (d) originating_no_answer (ONA)
- (e) direct-link access
- (f) terminating_busy_line (TBL)
- (g) terminating_no_answer (TNA)

the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP), feature code dialing (FCD) triggers, shared interoffice trunk (SIOT) triggers or direct link access triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type
 RLASP_LTM. Key fields: module, ltm_idx, ltm_type
 RLNS_TRIG. Key field: trignum
 RLDAPRLFNL. Key field: previous
 RLDAPRMFNL. Key field: previous
 RLDP_DTRE. Key fields: idp_gpid, table_id, digit
 RLDP_CNFL. Key fields: idp_gpid, table_id, num_dig
 RLFC_LINE. Key fields: port.member, port.module, party
 RLFC_TRUNK. Key fields: port.member, port.module

Action:

One of two problems occurred:

- (1) The specified rINS_TRIG tuple is missing and must be inserted via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected via the appropriate RC/V views.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the trigger number printed on the ROP is a valid value. If it is valid, problem 1 occurred and the rINS_TRIG tuple corresponding to this trigger number should be added using the information provided in the office records. Add the tuple using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).

- (2) If the trigger number is not a valid value or if it is 0, problem 2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI, OHD, OBL or ONA triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
 - (e) RLFC_TRUNK for Direct Link Access Triggers (DAL)
 - (f) RLASP_LTM for TBL or TNA triggers
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) If the ROP output specifies an OHI, OHD, OBL or ONA trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the Master Control Center (MCC) OP:CONV command.
 - (b) Obtain the ASP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.
 - (c) Correct the trigger number:

For lines, change the OHI, OHD, OBL or ONA TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records using RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and FEATURE obtained in step 4b as keys.
- (5) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR (OFFICE DIALING)) using the digit analysis selector (DAS) printed on the ROP as the key.
 - (b) Change the TRIG NBR field to the value from the office records using RC/V View 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)) using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.
- (6) If the ROP output specifies a CDP trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and

member or the DN using the MCC OP:CONV command.

- (b) Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT VIEW) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.

- (c) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (d) Change the TRIG NBR field to the value from the office records using RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)), using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

- (7) If the ROP output specifies a SIOT trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number using the MCC OP:CONV command.
- (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
- (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on RC/V View 8.49 (ASP PARAMETERS) to the correct value.

- (8) If the ROP output specifies a Direct Link Access (DAL) trigger:

- (a) Using the trunk group number printed on the ROP, examine the TRIG NBR field of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If the value is not 0, change it to the correct value based on the office records.

- (9) If the ROP output specifies a TBL or TNA trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the directory number (DN) using the MCC OP:CONV command.

- (b) Obtain the ASP feature:

Obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) or RC/V View 23.8 (DSL/BRCS ASSIGNMENT) using the DN as the key.

- (c) Correct the trigger number:

Change the TBL or TNA TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 9a and FEATURE obtained in step 9b as keys. Alternatively, the TBL or TNA TRIG NBR fields may be updated directly on the 1.8 or 23.8 forms from step 9b.

155. FCASPMTNST (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trigger number provided as the key to read the RLNS_TRIG relation is invalid or the rINS_TRIG tuple specified does not exist.

During advanced services platform (ASP) originating trigger detection for the following triggers:

- (a) off_hook_immediate (OHI)
- (b) off_hook_delay (OHD)
- (c) originating_busy_line (OBL)
- (d) originating_no_answer (ONA)
- (e) direct-link access

the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP), feature code dialing (FCD) triggers, shared interoffice trunk (SIOT) triggers or direct link access triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type
 RLNS_TRIG. Key field: trignum
 RLDAPRLFNL. Key field: previous
 RLDAPRMFNL. Key field: previous
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig
 RLFC_LINE. Key fields: port.member, port.module, party
 RLFC_TRUNK. Key fields: port.member, port.module

Action:

One of two problems occurred:

- (1) The specified rINS_TRIG tuple is missing and must be inserted via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected via the appropriate RC/V views.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the trigger number printed on the ROP is a valid value. If it is valid, problem 1 occurred and the rINS_TRIG tuple corresponding to this trigger number should be added using the information provided in the office records. Add the tuple using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) If the trigger number is not a valid value or if it is 0, problem 2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI, OHD, OBL or ONA triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
 - (e) RLFC_TRUNK for direct link access triggers (DAL)
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) If the ROP output specifies an OHI, OHD, OBL or ONA trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the Master Control Center (MCC) OP:CONV command.
 - (b) Obtain the ASP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.
 - (c) Correct the trigger number:

For lines, change the OHI, OHD, OBL or ONA TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records via RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and FEATURE obtained in step 4b as keys.
- (5) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR (OFFICE DIALING)) using the digit analysis selector (DAS) printed on the ROP as the key.
 - (b) Change the TRIG NBR field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)) using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.

(6) If the ROP output specifies a CDP trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN via the MCC OP:CONV command.
- (b) Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT VIEW) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.

- (c) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (d) Change the TRIG NBR field to the value from the office records via RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)), using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

(7) If the ROP output specifies a SIOT trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number via the MCC OP:CONV command.
- (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
- (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on RC/V View 8.49 (ASP PARAMETERS) to the correct value.

(8) If the ROP output specifies a direct link access (DAL) trigger:

- (a) Using the trunk group number printed on the ROP, examine the TRIG NBR field of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If the value is not 0, change it to the correct value based on the office records.

156. FCASPMTNST (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trigger number provided as the key to read the RLNS_TRIG relation is invalid or the rINS_TRIG tuple specified does not exist. During advanced services platform (ASP) originating trigger detection for the following triggers:

- (a) off_hook_immediate (OHI)

- (b) off_hook_delay (OHD)
- (c) originating_busy_line (OBL)
- (d) originating_no_answer (ONA)

the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers and for shared interoffice trunk (SIOT) triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type.
 RLNS_TRIG. Key field: trignum.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMFNL. Key field: previous.
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit.
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig.
 RLFC_LINE. Key fields: port.member, port.module, party.
 RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of two problems occurred:

- (1) The specified rINS_TRIG tuple is missing and must be inserted using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected using the appropriate RC/V views.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the trigger number printed on the ROP is a valid value. If it is valid, problem 1 occurred and the rINS_TRIG tuple corresponding to this trigger number should be added using the information provided in the office records. Add the tuple using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) If the trigger number is not a valid value or if it is 0, problem 2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI, OHD, OBL or ONA triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
- (3) Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.
- (4) If the ROP output specifies an OHI, OHD, OBL or ONA trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the master control center (MCC) op:conv command.
 - (b) Obtain the ASP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 [BRCS FEATURE ASSIGNMENT (LINE)] using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 [BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)] using the trunk group number and member as keys.

- (c) Correct the trigger number:

For lines, change the OHI, OHD, OBL or ONA TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records using RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and FEATURE obtained in step 4b as keys.

- (5) If the ROP output specifies an FCD trigger:

- (a) Obtain the PDIT from RC/V View 9.1 [DIGIT ANALYSIS SELECTOR (OFFICE DIALING)] using the digit analysis selector (DAS) printed on the ROP as the key.
- (b) Change the TRIG NBR field to the value from the office records using RC/V View 9.2 [PREFIX/FEATURE DIGIT (OFFICE DIALING)] using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.

- (6) If the ROP output specifies a CDP trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN using the MCC op:conv command.
- (b) Obtain the IDP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 [BRCS FEATURE ASSIGNMENT (LINE)] using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT VIEW) using the trunk group number as the key or from RC/V View 5.11 [BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)] using the trunk group number and member as keys.

- (c) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (d) Change the TRIG NBR field to the value from the office records using RC/V View 9.13 [IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)], using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.

- (7) If the ROP output specifies a SIOT trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number using the MCC op:conv command.
- (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
- (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glstrig office parameter. Correct this parameter by setting the INT OFC TRG field on screen 4 of RC/V View 8.1 (OFFICE PARAMETERS) to the correct value.

157. FCASPMTNST (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trigger number provided as the key to read the RLNS_RTIG relation is invalid or the rINS_TRIG tuple specified does not exist. During advanced services platform (ASP) originating trigger detection for off_hook_immediate (OHI) or off_hook_delayed (OHD) triggers, the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers and for shared interoffice trunk (SIOT) triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type.
 RLNS_TRIG. Key field: trignum.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMFNL. Key field: previous.
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit.
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig.
 RLFC_LINE. Key fields: port.member, port.module, party.
 RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of two problems occurred:

- (1) The specified rINS_TRIG tuple is missing and must be inserted via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected via the appropriate RC/V views.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the trigger number printed on the ROP is a valid value. If it is valid, problem 1 occurred and the rINS_TRIG tuple corresponding to this trigger number should be added using the information provided in the office records. Add the tuple via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) 2. If the trigger number is not a valid value or if it is 0, problem 2 occurred. Correct the relation from which the trigger number was obtained as follows:
 - (a) RLASP_PORT for OHI and OHD triggers
 - (b) RLPRLFNL or RLPRMFNL for FCD triggers
 - (c) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (d) RLFC_TRUNK or global parameter Glsitrig for SIOT triggers
- (3) 3. Consult the office records to determine the correct trigger number to be inserted into the appropriate relation.

(4) 4. If the ROP output specifies an OHI or OHD trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) via the master control center (MCC) op:conv command.
- (b) Obtain the ASP feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) using the trunk group number and member as keys.

- (c) Correct the trigger number:

For lines, change the OHI or OHD TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records via RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and FEATURE obtained in step 4b as keys.

For trunks, change the OHD TRIG NBR to the value from the office records via RC/V View 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) using the trunk group and member obtained in step 4a and FEATURE obtained in step 4b as keys.

(5) 5. If the ROP output specifies an FCD trigger:

- (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) using the digit analysis selector (DAS) printed on the ROP as the key.
- (b) Change the TRIG NBR field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]) using the PDIT from step 5a and the DIAL_CODE from the ROP as the keys.

(6) 6. If the ROP output specifies a CDP trigger:

- (1) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the DN via the master control center (MCC) op:conv command.
- (2) Obtain the individualized dialing plan (IDP) feature:

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT VIEW) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) using the trunk group number and member as keys.

- (3) Obtain the IDP group name:

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 6a and the FEATURE from step 6b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 6a and the FEATURE from step 6b as the keys.

- (4) Change the TRIG NBR field to the value from the office records via RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT [INDIVIDUAL DIALING]) using the IDP GROUP NAME from step 6c and the DIAL_CODE from the ROP as the keys.
- (7) 7. If the ROP output specifies a SIOT trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number using the master control center (MCC) op:conv command.
 - (b) Examine the TRIG NBR field on screen 4 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number as the key. If this field is not 0, change it to the correct value based on the office records.
 - (c) If the TRIG NBR field is 0, the trigger number was obtained from the Glsitrig office parameter. Correct this parameter by setting the INT OFC TRG field on screen 4 of RC/V View 8.1 (OFFICE PARAMETERS) to the correct value.

158. FCASPNOBIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The service control point (SCP) requested billing for the advanced services platform (ASP) dialed number trigger (DNT) call, but the service switching point (SSP) could not construct a 10-digit directory number (DN) from the dialed DNT. The SCP did not return an alternate billing number.

The call will proceed without honoring the SCP requested billing associated with the missing billing information.

Action:

Notify the SCP service provider of the discrepancy. The problem must be corrected in the SCP service logic. No action on the switch is required.

159. FCASPPMNST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A conflict exists with the advanced intelligent network (AIN) release (protocol) specified in the rINS_TRIG tuple for an advanced services platform (ASP) feature code dialing (FCD), custom dialing plan (CDP), originating busy line (OBL), originating no answer (ONA), terminating busy line (TBL) or terminating no answer (TNA) trigger.

For ASP FCD or CDP the release must be AIN R0D1 if the action specifies variable digit collection, or query immediately. The digit collection mechanism will be changed to normal (collect digits according to the subscriber's dialing plan) and the ASP call will proceed.

For OBL or ONA trigger, the AIN release protocol specified in the rINS_TRIG tuple must be R0D1.

For direct link access (DAL) triggers, the AIN protocol specified in the rINS_TRIG tuple must be R0D1.

For TBL or TNA triggers, the AIN release protocol specified in the rINS_TRIG tuple must be R0D1.

Data Structures:

RLNS_TRIG. Key field: trignum
 RLDAPRLFNL. Key field: previous

RLDAPRMFNL. Key field: previous
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig
 RLFC_LINE. Key fields: port.member, port.module, party
 RLFC_TRUNK. Key fields: port.member, port.module
 RLASP_LTM. Key fields: module, ltm_itx, ltm_type

Action:

One of following problems occurred.

- (1) The protocol field in the specified rINS_TRIG tuple is incorrect and must be corrected using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) For FCD or CDP, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected in the appropriate digit analysis RC/V views. The trigger number should specify an rINS_TRIG tuple that has the correct protocol.
- (3) For FCD or CDP, the action specified is incorrect and must be corrected in the appropriate digit analysis RC/V views. The action should specify normal digit collection.
- (4) For OBL or ONA, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the R0D1 release protocol. (See item 6 below)
- (5) For a direct link access trigger, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected in RC/V view 5.1 (TRUNK GROUP). The trigger number should specify an rINS_TRIG tuple that has the correct protocol.

Follow these steps to identify and correct the problem.

- (1) Consult the office records to determine if the protocol associated with the trigger number printed on the ROP should be R0D1. If it should, problem #1 occurred. Change the AIN REL field on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, the problem is with the trigger number or the action; problem #2, problem #3 or problem #4 occurred. The field in error should be corrected in one the following views:
 - (a) RLPRLFNL or RLPRMFNL for FCD triggers
 - (b) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (c) RLASP_PORT for OBL or ONA triggers (See item 6 below)
 - (d) RLFC_TRUNK for direct link access (DAL) triggers
 - (e) RLASP_LTM for TBL or TNA triggers
- (3) Consult the office records to determine the correct trigger number or action to be inserted in the appropriate view.
- (4) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR (OFFICE DIALING)) using the digit analysis selector (DAS) printed on the ROP as the key.

- (b) Change the TRIG NBR field or the ACTION field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)) using the PDIT from step 4a and the DIAL_CODE from the ROP as the keys.

(5) If the ROP output specifies a CDP trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the Master Control Center (MCC) OP:CONV command.
- (b) Obtain the IDP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.

- (c) Obtain the IDP group name.

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 5a and the FEATURE from step 5b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 5a and the FEATURE from step 5b as the keys.

- (d) Change the TRIG NBR field or the ACTION field to the value from the office records using RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)) using the IDP GROUP NAME from step 5c and the DIAL_CODE from the ROP as the keys.

(6) If the ROP output specifies an OBL or ONA trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the directory number (DN) using the MCC OP:CONV command.
- (b) Obtain the ASP feature.

Obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

- (c) Correct the trigger number.

Change the OBL or ONA TRIG NBR (depending on the trigger specified) to the value from the office records via RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 6a and the FEATURE obtained in step 6b as keys.

(7) If the ROP output specifies a Direct Link Access (DAL) Trigger:

- (a) Using the trunk group number printed on the ROP as the key to RC/V View 5.1 (TRUNK GROUP), change the TRIG NBR to the correct value based on the office records

(8) If the ROP output specifies a TBL or TNA trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the directory number (DN) using the MCC OP:CONV command.
- (b) Obtain the ASP feature:

Obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) or RC/V View 23.8 (DSL/BRCS ASSIGNMENT) using the DN as the key.
- (c) Correct the trigger number:

Change the TBL or TNA TRIG NBR (depending on the trigger specified in the ROP output) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 8a and FEATURE obtained in step 8b as keys. Alternatively, the TBL or TNA TRIG NBR fields may be updated directly on the 1.8 or 23.8 forms from step 8b.

160. FCASPPMNST (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A conflict exists with the advanced intelligent network (AIN) release (protocol) specified in the rINS_TRIG tuple for an advanced services platform (ASP) feature code dialing (FCD), custom dialing plan (CDP), originating busy line (OBL) or originating no answer (ONA) trigger.

For ASP FCD or CDP the release must be AIN R0D1 if the action specifies variable digit collection, or query immediately. The digit collection mechanism will be changed to normal (collect digits according to the subscriber's dialing plan) and the ASP call will proceed.

For OBL or ONA trigger, the AIN release protocol specified in the rINS_TRIG tuple must be R0D1.

For direct link access (DAL) triggers, the AIN protocol specified in the rINS_TRIG tuple must be R0D1.

Data Structures:

RLNS_TRIG. Key field: trignum
 RLDAPRLFNL. Key field: previous
 RLDAPRMFNL. Key field: previous
 RLIDP_DTRE. Key fields: idp_gpid, table_id, digit
 RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig
 RLFC_LINE. Key fields: port.member, port.module, party
 RLFC_TRUNK. Key fields: port.member, port.module

Action:

One of following problems occurred.

- (1) The protocol field in the specified rINS_TRIG tuple is incorrect and must be corrected via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) For FCD or CDP, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected in the appropriate digit analysis RC/V views. The trigger number should specify an rINS_TRIG tuple that has the correct protocol.

- (3) For FCD or CDP, the action specified is incorrect and must be corrected in the appropriate digit analysis RC/V views. The action should specify normal digit collection.
- (4) For OBL or ONA, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the R0D1 release protocol. (See item 6 below)
- (5) For a direct link access trigger, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected in RC/V View 5.1 (TRUNK GROUP). The trigger number should specify an rINS_TRIG tuple that has the correct protocol.

Follow these steps to identify and correct the problem.

- (1) Consult the office records to determine if the protocol associated with the trigger number printed on the ROP should be R0D1. If it should, problem number 1 occurred. Change the AIN REL field on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, the problem is with the trigger number or the action; problem number 2, problem number 3 or problem number 4 occurred. The field in error should be corrected in one the following views:
 - (a) RLPRLFNL or RLPRMFNL for FCD triggers
 - (b) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (c) RLASP_PORT for OBL or ONA triggers (See item 6)
 - (d) RLFC_TRUNK for Direct Link Access (DAL) triggers
- (3) Consult the office records to determine the correct trigger number or action to be inserted in the appropriate view.
- (4) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 [DIGIT ANALYSIS SELECTOR (OFFICE DIALING)] using the digit analysis selector (DAS) printed on the ROP as the key.
 - (b) Change the TRIG NBR field or the ACTION field to the value from the office records using RC/V View 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)) using the PDIT from step 4a and the DIAL_CODE from the ROP as the keys.
- (5) If the ROP output specifies a CDP trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the Master Control Center (MCC) OP:CONV command.
 - (b) Obtain the IDP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 [BRCS FEATURE ASSIGNMENT (LINE)] using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) using the trunk group number and member as keys.

- (c) Obtain the IDP group name.

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 5a and the FEATURE from step 5b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 5a and the FEATURE from step 5b as the keys.

- (d) Change the TRIG NBR field or the ACTION field to the value from the office records using RC/V View 9.13 [IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)] using the IDP GROUP NAME from step 5c and the DIAL_CODE from the ROP as the keys.

- (6) If the ROP output specifies an OBL or ONA trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the directory number (DN) using the MCC OP:CONV command.

- (b) Obtain the ASP feature.

Obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

- (c) Correct the trigger number.

Change the OBL or ONA TRIG NBR (depending on the trigger specified) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 6a and the FEATURE obtained in step 6b as keys.

- (7) If the ROP output specifies a direct link access (DAL) trigger:

- (a) Using the trunk group number printed on the ROP as the key to RC/V View 5.1 (TRUNK GROUP), change the TRIG NBR to the correct value based on the office records

161. FCASPPMNST (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A conflict exists with the advanced intelligent network (AIN) release (protocol) specified in the rINS_TRIG tuple for an advanced services platform (ASP) feature code dialing (FCD), custom dialing plan (CDP), originating busy line (OBL) or originating no answer (ONA) trigger.

For ASP FCD or CDP the release must be AIN R0D1 if the action specifies variable digit collection, or query immediately. The digit collection mechanism will be changed to normal (collect digits according to the subscriber's dialing plan) and the ASP call will proceed.

For OBL or ONA trigger, the AIN release protocol specified in the rINS_TRIG tuple must be R0D1.

Data Structures:

RLNS_TRIG. Key field: trignum.
RLDAPRLFNL. Key field: previous.

RLDAPRMFNL. Key field: previous.

RLIDP_DTRE. Key fields: idp_gpid, table_id, digit.

RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig.

RLFC_LINE. Key fields: port.member, port.module, party.

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of four problems occurred.

- (1) The protocol field in the specified rINS_TRIG tuple is incorrect and must be corrected using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) For FCD or CDP, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected in the appropriate digit analysis RC/V views. The trigger number should specify an rINS_TRIG tuple that has the correct protocol.
- (3) For FCD or CDP, the action specified is incorrect and must be corrected in the appropriate digit analysis RC/V views. The action should specify normal digit collection.
- (4) For OBL or ONA, the trigger number specified as the key to the rINS_TRIG tuple is incorrect and should be corrected in the appropriate RC/V views. The trigger number should specify an rINS_TRIG tuple that has the R0D1 release protocol. (Refer to item 6.)

Follow these steps to identify and correct the problem.

- (1) Consult the office records to determine if the protocol associated with the trigger number printed on the ROP should be R0D1. If it should, problem #1 occurred. Change the AIN REL field on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, the problem is with the trigger number or the action; problem #2, problem #3 or problem #4 occurred. The field in error should be corrected in one the following views:
 - (a) RLPRLFNL or RLPRMFNL for FCD triggers
 - (b) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
 - (c) RLASP_PORT for OBL or ONA triggers (See item 6 below)
- (3) Consult the office records to determine the correct trigger number or action to be inserted in the appropriate view.
- (4) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 [DIGIT ANALYSIS SELECTOR (OFFICE DIALING)] using the digit analysis selector (DAS) printed on the ROP as the key.
 - (b) Change the TRIG NBR field or the ACTION field to the value from the office records using RC/V View 9.2 [PREFIX/FEATURE DIGIT (OFFICE DIALING)] using the PDIT from step 4a and the DIAL_CODE from the ROP as the keys.
- (5) If the ROP output specifies a CDP trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) using the master control center (MCC) op:conv command.
 - (b) Obtain the IDP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT (LINE)) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 [BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)] using the trunk group number and member as keys.

- (c) Obtain the IDP group name.

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE PARAMETERS) using the DN from step 5a and the FEATURE from step 5b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 5a and the FEATURE from step 5b as the keys.

- (d) Change the TRIG NBR field or the ACTION field to the value from the office records using RC/V View 9.13 [IDP DIALED CODE ASSIGNMENT (INDIVIDUAL DIALING)] using the IDP GROUP NAME from step 5c and the DIAL_CODE from the ROP as the keys.

- (6) If the ROP output specifies an OBL or ONA trigger:

- (a) Specify the MEMBER and MODULE printed on the ROP to obtain the directory number (DN) using the master control center (MCC) op:conv command.
(b) Obtain the ASP feature.

Obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 [BRCS FEATURE ASSIGNMENT (LINE)] using the DN as the key.

- (c) Correct the trigger number.

Change the OBL or ONA TRIG NBR (depending on the trigger specified) to the value from the office records using RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 6a and the FEATURE obtained in step 6b as keys.

162. FCASPPMNST (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A conflict exists between the advanced intelligent network (AIN) release (protocol) specified in the RLNS_TRIG tuple and the digit collection mechanism specified for an advanced services platform (ASP) custom dialing plan (CDP) or feature code dialing (FCD) trigger. If the CDP or FCD action specifies variable digit collection or query immediately, the AIN release must be R0D1.

The digit collection mechanism will be changed to normal (collect digits according to the subscriber's dialing plan) and the ASP call will proceed.

Data Structures:

RLNS_TRIG. Key field: trignum.
RLDAPRLFNL. Key field: previous.
RLDAPRMFNL. Key field: previous.
RLIDP_DTRE. Key fields: idp_gpid, table_id, digit.
RLIDP_CNFL. Key fields: idp_gpid, table_id, num_dig.
RLFC_LINE. Key fields: port.member, port.module, party.
RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of three problems occurred.

- (1) The protocol field in the specified rINS_TRIG tuple is incorrect and must be corrected using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number specified as the key to the rINS_TRIG tuple is incorrect and must be corrected in the appropriate digit analysis RC/V views. The trigger number should specify an rINS_TRIG tuple that has the correct protocol.
- (3) The action specified is incorrect and must be corrected in the appropriate digit analysis RC/V views. The action should specify normal digit collection.

Follow these steps to identify and correct the problem:

- (1) Consult the office records to determine if the protocol associated with the trigger number printed on the ROP should be R0D1. If it should, problem #1 occurred. Change the AIN REL field on RC/V View 9.35 using the trigger number specified as the key.
- (2) If the rINS_TRIG tuple is set up correctly, the problem is with the trigger number or the action; problem #2 or problem #3 occurred. The field in error should be corrected in one the following views:
 - (a) RLPRLFNL or RLPRMFNL for FCD triggers
 - (b) RLIDP_DTRE or RLIDP_CNFL for CDP triggers
- (3) Consult the office records to determine the correct trigger number or action to be inserted in the appropriate view.
- (4) If the ROP output specifies an FCD trigger:
 - (a) Obtain the PDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) using the digit analysis selector (DAS) printed on the ROP as the key.
 - (b) Change the TRIG NBR field or the ACTION field to the value from the office records via RC/V View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]) using the PDIT from step 4a and the DIAL_CODE from the ROP as the keys.
- (5) If the ROP output specifies a CDP trigger:
 - (a) Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) via the master control center (MCC) op:conv command.
 - (b) Obtain the IDP feature.

For lines, obtain the FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) using the DN as the key.

For trunks, obtain the FEATURE from RC/V View 5.4 (BRCS TRUNK GROUP ASSIGNMENT) using the trunk group number as the key or from RC/V View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) using the trunk group number and member as keys.
 - (c) Obtain the IDP group name.

For lines, obtain the IDP GROUP NAME from RC/V View 1.26 (INDIVIDUAL DIALING PLAN LINE

PARAMETERS) using the DN from step 5a and the FEATURE from step 5b as the keys.

For trunks, obtain the IDP GROUP NAME from RC/V View 5.26 (INDIVIDUAL DIALING PLAN TRUNK PARAMETERS) using the trunk group number and member from step 5a and the FEATURE from step 5b as the keys.

- (d) Change the TRIG NBR field or the ACTION field to the value from the office records via RC/V View 9.13 (IDP DIALED CODE ASSIGNMENT [INDIVIDUAL DIALING]) using the IDP GROUP NAME from step 5c and the DIAL_CODE from the ROP as the keys.

163. FCASPPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLASP_PORT tuple is missing that is keyed with logical port (lport) and logical port type (lpt_type).

During advanced services platform (ASP) originating trigger detection for off_hook_immediate (OHI) or off_hook_delayed (OHD) triggers, the call will proceed as a non-ASP call.

During ASP access code trigger validation for custom dialing plan (CDP) or feature code dialing (FCD) triggers, the call in progress will receive standard switch error treatment.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type.

RLLPT_PT. Key fields: lport, lpt_type.

RLFC_LINE. Key fields: port.member, port.module, party.

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

There is no RC/V procedure to fix this error.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Find the port, party, and mnemonic for the lpt_type of the line or trunk in question by reading the RLLPT_PT relation using the lport and lpt_type keys printed on the ROP.

2. Obtain the lport and lpt_type for the line or trunk for comparison to the values printed on the ROP as follows:

For lines, read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm) where member is the port from the RLLPT_PT relation (step 1), module is the SM printed on the ROP, and party is the party from RLLPT_PT (step 1).

For trunks, read the RLFC_TRUNK relation to get the logical port (lport) and the indicator for BRCS terminal features (brc_trm) where member is the port from the RLLPT_PT relation (step 1) and module is the SM printed on the ROP. For trunks, the lpt_type is not meaningful.

3. If the brc_trm value from the RLFC_LINE (or the RLFC_TRUNK) relation is DBNO, contact the next level of support.

4. If the brc_trm value from RLFC_LINE (or RLFC_TRUNK) is DBYES, the lport and lpt_type from RLFC_LINE (or RLFC_TRUNK) should match the lport printed on the ROP and the lpt_type mnemonic from step 1. For trunks, the lpt_type comparison is not meaningful. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

5. If brc_trm is DBYES and the lport and lpt_type values match, an rIASP_PORT tuple should exist. For lines, RLasp_port.lport is RLfc_line.lport and RLasp_port.lpt_type is RLfc_line.lpt_type. For trunks, RLasp_port.lport is RLfc_trunk.lport and RLasp_port.lpt_type is 0. Insert the appropriate rIASP_PORT tuple.

164. FCASPSKMNST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A conflict exists between the service key and the advanced intelligent network (AIN) release (protocol) specified in the rINS_TRIG tuple for an advanced services platform (ASP) off_hook_immediate (OHI) trigger. For ASP release R0 OHI, the service key must be ANI. For ASP release R0D1 OHI, the service key is not relevant. The call will proceed as a non-ASP call.

Data Structures:

RLASP_PORT. Key fields: lport, lpt_type.

RLNS_TRIG. Key field: trignum.

RLFC_LINE. Key fields: port.member, port.module, party.

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

One of two problems occurred.

1. The service key and/or protocol fields in the specified rINS_TRIG tuple are incorrect.
2. The trigger number specified as the key to the rINS_TRIG tuple is incorrect. The trigger number should specify an rINS_TRIG tuple that has the correct protocol/service key combination.

Follow these steps to identify and correct the problem.

1. Consult the office records to determine if the protocol associated with the trigger number printed on the ROP should be R0 or if the service key should be ANI. If either are true, change the AIN REL field and/or the SERV KEY field accordingly on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) using the trigger number specified as the key.
2. If the rINS_TRIG tuple is set up correctly, the problem is with the trigger number specified in the rIASP_PORT tuple.
3. Consult the office records to determine the correct trigger number to be inserted in the rIASP_PORT tuple.
4. Correct the problem.
 - a. Specify the MEMBER and MODULE printed on the ROP to obtain the trunk group number and member or the directory number (DN) via the master control center (MCC) op:conv command.
 - b. Obtain the ASP FEATURE from RC/V View 1.8 (ANALOG LINE BRCS ASSIGNMENT) or RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) using the DN as the key.
 - c. Correct the OHI TRIG NBR field to the value from the office records via RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) using the DN obtained in step 4a and the FEATURE obtained in step 4b as keys.

165. FCASPSTDOHD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The advanced services platform (ASP) offhook delay trigger (OHD) is not supported from standard integrated

services digital network (ISDN) originations for R0 protocol. The trigger number associated with the OHD trigger should only be populated with R0D1 protocol. The call will be provided with standard switch error treatment.

Data Structures:
RLNS_TRIG.

Action:

Check the trigger number associated with the OHD trigger on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) to ensure that the OHD trigger that is assigned to standard ISDN has a trigger number with R0D1 protocol.

166. FCASP_TPLNK (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

During a call, an attempt to access the RLASP_TP relation failed, due to the linkage from the the RLPCBLA relation to this relation is found out of range.

The RLASP_TP relation is dynamically linked to the RLPCBLA relation during calls which are being monitored for ASP office-wide busy or no-answer events or ASP calls with a next-event list or send to resource (both local and External).

The affected call cannot monitor for events without the data in the RLASP_TP relation. The TCAP transaction will be gracefully closed but the call will continue. However, STOR calls cannot continue and are gracefully killed. The PCBLA audit will be scheduled to run in the elevated mode.

Probable Cause:

Bad PCBLA to ASP_TP linkage found.

Action:

PCBLA AUDIT is scheduled to run. No other action is required if this assert occurs singularly. If this assert starts to roll, contact your next level of support.

167. FCATCMSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid common channel signaling (CCS) direct signaling message was received by the FCatcset() function for an ALLIANCE teleconferencing (add-on or meet-me) call. The message could not be understood. The message head and contents will be dumped.

168. FCATCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services digital network (ISDN) station set was given a class of service value of ISDN attendant.

Data Structures:

RLPCBLA. Key fields: port.member, termno.

Action:

Use RC/V to change this line to an ISDN class of service, not an ISDN attendant class of service.

169. FCATCRTIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The routing index for an ALLIANCE teleconferencing add-on call (typically dialed 700-456-xxxx) is missing or does not contain the delete/prefix information to construct an INWATS database 10 digit query number (typically 800-050-xxxx).

Data Structures:

RLRT_ROUTING.

Action:

Insert a routing tuple for the dumped key or update the delete/prefix information for the existing key to obtain a valid INWATS database query number (e.g. delete=6, prefix=800050).

170. FCATER01 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid rIMONI_BLF tuple read occurred.

Data Structures:

RLMONI_BLF. Key field: mbuff (buffer containing the tuple).

Action:

No rIMONI_BLF tuple was found for the key mbuff.hgid that is printed on the ROP. An RLFC_LINE relation mismatch occurred. The rIMONI_BLF tuple for the mbuff.hgid key is missing or the rIFC_LINE tuple parameter busymon was incorrectly set to DBYES for this directory number (DN).

171. FCATGP_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The authorization code (ATH) group ID in an rIATH_PRT tuple is zero. The logical port attempting to use the ATH feature was assigned to an ATH feature in the rIATH_PRT tuple, but it was not assigned to a valid ATH group ID. The ATH feature ID exists in the RLTRMFEATS relation for the originating logical port.

Data Structures:

RLATH_PRT.

The ROP output indicates the SM number (MOD), the source file and line number, the originating logical port (LPORT), the logical port type (LPT TYPE), and the invalid ATH group ID (GROUP ID).

Action:

Use RC/V (or ODBE, if necessary) to find the entity for the logical port.

1. Use the lport and lpt_type provided in the ROP output to read the RLLPT_PT relation to find the port and party.
2. Use the OP:CONV master control center (MCC) command to find the entity for the port - telephone number (TN), multi-line hunt group (MLHG), or trunk.

OP:CONV,PORT="mod"-h"port"

where "mod" is the SM number and "port" is the port found in the RLLPT_PT relation.

Use RC/V View 1.41 (AUTHORIZATION CODE LINE PARAMETERS) or View 5.41 (AUTHORIZATION CODE TRUNKS PARAMETERS) to assign a valid ATH group ID to this entity.

172. FCATH_CACHE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The authorization code (ATH) capability maintains a cache on each SM. This cache contains a subset (400) of the ATH tuples from the AM disk relation RLATH_CODE. Due to wild writes, the cache data associated with a given SM was corrupted.

Data Structures:

RLATH_CODE.

Action:

If this asserts occurs four times in an hour on the same SM, the craft should do a single process purge.

The system process for ATH is defined in GLspaths.h. The current process ID (PID) for that system process is 295. Enter the following input message: INIT:SM=a,SSP,PID=295 (a = the SM number). When the system process starts, the cache associated with that SM is initialized.

173. FCATH_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLATH_CF tuple is missing. The port attempting to use the authorization code (ATH) has an ATH feature assigned, but no rLATH_CF tuple exists that is associated with the ATH feature ID. The ATH feature ID exists in the RLTRMFEATS relation for the dialing port.

Data Structures:

RLATH_CF, RLFID2NAME.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the feature ID (FID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM. Use the ATH feature ID provided in the ROP output to read the RLFID2NAME relation in the AM where RLfid2name.facid is the ATH feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_NULL.

If an rLFID2NAME tuple does not exist for the ATH feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rLFID2NAME tuple does exist for the ATH feature ID, insert the appropriate rLATH_CF tuple in the indicated SM. Since rLATH_CF is an SM redundant relation, the values for the rLATH_CF tuple can be found by reviewing the same tuple in another SM.

174. FCATH_FCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the authorization code (ATH) feature class of service (FCOS) relation RLATH_FCOS. The port attempting to use the ATH feature has the ATH feature assigned. The ATH feature ID is in the RLTRMFEATS

relation for the dialing port.

The port is assigned to an ATH group. This port has an rIATH_PRT tuple with the gpid equal to xxx and there is an rIATH_GRP tuple with gpid xxx, but the ATH FCOS information was not supplied. An rIATH_FCOS tuple does not exist for the group specified by the rIATH_GRP tuple.

Data Structures:

RLATH_FCOS. Key fields: group ID, fcos.

RLATH_GRP. Key field: group ID.

Action:

This is an office data inconsistency. Use the group ID from the dump and RC/V View 1.41 (AUTHORIZATION CODE LINE PARAMETERS) or View 5.41 (AUTHORIZATION CODE TRUNKS PARAMETERS) to find the ATH associated code table name.

Define a new ATH FCOS via RC/V View 4.19 (AUTHORIZATION CODES FEATURE CLASS OF SERVICE PARAMETERS).

If the ATH feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

175. FCATH_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical port attempting to use the authorization code (ATH) feature has an ATH feature assigned. The ATH feature ID exists in the RLTRMFEATS relation for the originating port.

The logical port is assigned to an ATH group in an rIATH_PRT tuple, but the ATH group ID is invalid or an rIATH_GRP tuple is missing.

Data Structures:

RLATH_PRT, RLATH_GRP, RLDB_AMGPD, RLDB_IMGPD, RLDB_GPDUS, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the ATH group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM. Use the ATH group ID provided in the ROP output to read the RLfid2NAME relation in the AM where RLfid2name.facid is the ATH group ID, RLfid2name.class is FACATH, and RLfid2name.subclass is SCL_NULL.

If an rIFID2NAME tuple does not exist for the ATH group ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rIFID2NAME tuple does exist for the ATH group ID, insert the appropriate rIATH_GRP tuple in the indicated SM where RLath_grp.athgpid is the ATH group ID.

Since the RLATH_GRP relation is a group partitioned relation, the RLDB_AMGPD, RLDB_IMGPD, and RLDB_GPDUS group partitioned control relations may also need to be updated.

176. FCATH_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLATH_PRT tuple is missing. The keys are the logical port (lport) and the logical port type (lpt_type).

Data Structures:

RLATH_PRT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the lport and lpt_type keys used to read this relation.

Action:

The authorization code (ATH) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ATH feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLATH_PRT relation - RLathprt.lport=RLfc_line.lport and RLathprt.lpt_type=RLfc_line.lpt_type.

An attempt to read the RLATH_PRT relation using the original (non-BFG) keys was made because the ATH feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). ATH is a terminal feature.
3. If the brc_trm value from the RLFC_LINE relation is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rLATH_PRT tuple should exist for the original (non-BFG) keys. Insert the appropriate rLATH_PRT tuple.

177. FCAUDALB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

An error occurred while accessing an rLDALB tuple.

Probable Cause:

A failure was returned by either DAghdpda or DAGsdpda in the frame relay call activity check software.

Action:

Assert and request the DALB audit.

178. FCBAD4WIRE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_4WIRE relation or the rIFC_4WIRE tuple was missing.

Data Structures:

RLFC_4WIRE. Key fields: port.member, port.module.

In the first word of the data dump, the first two bytes represent port.member, the next byte is filler, and the next byte is port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys in the relation with the actual keys used. If the tuple is missing, insert it. If the keys used to access the relation were set incorrectly, notify the next level of support.

This relation is updated by the following RC/V views:

- 1.1 (INDIVIDUAL LINE)
- 1.2 (MLHG LINE)
- 1.3 (PARTY LINE)
- 1.4 (COIN LINE)
- 1.5 (PBX-DID LINE)
- 1.6 (COMPOSITE LINE)
- 26.11 (AUTO CHARGE QUOTE)

179. FCBADACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action was encountered.

180. FCBADAVMWIPQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) analog visual MWI pending queue (AVMWIOPQ) indices were corrupted. The indices have extended past the limit of the maximum number of AVMWIPQ entries or they are no longer synchronized. The MWI TP will re-initialize the AVMWIPQ.

181. FCBADCDST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A codeset IE was found out of order.

Probable Cause:

The incoming Q.933 message contained invalid contents.

Action:

Assert.

182. FCBADMFRASP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote access system process (RASP) received a MGCALLFEAT message requesting the remote invocation of a modular feature type not currently provided remote access. This request was ignored.

183. FCBADMOD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Feature execution (FEX) is looking for a model, but the model does not exist or more than one instance of the model is found (that is, multiple CC models). FEX could not recover from this error.

184. FCBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was encountered.

185. FCBADMWCRCPQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) customer originated recent change (CORC) pending queue (MWICORCPQ) indices were corrupted. The indices have extended past the limit of the maximum number of MWICORCPQ entries or they are no longer synchronized. The MWI TP will initialize the MWICORCPQ.

186. FCBADMWIREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) received an invalid operating system for distributed switching (OSDS) message. For example, the message may have been too long.

187. FCBADNRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid NEAR model state for the expected call scenario was found while dropping back to a 2-way call from a multiway (MW) call via the MCdcomst() function. The call dropped back to a POTS feature model (PFM) state (MCPWSIG) that tears down the call. The MW model associated process block (APB), the call coordination (CC) model APB, and the CC state are dumped to the ROP for analysis.

188. FCBADNS_TN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TN	Audit Mode: elev

Problem:

Invalid linkages were discovered in the RLNS_TN relation.

189. FCBADOCDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid origination class of service was encountered.

190. FCBADOSRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from OSWGETMSG().

Probable Cause:

One of the following terminal processes in the FC subsystem received an unexpected return value from the macro OSWGETMSG():

- The frame relay terminal process (fc/FCfr)
- The ISLP terminal process (fc/DCislp)
- The AUTOPLEX[®] terminal process (fc/DC*)

Action:

Assert and return to calling process.

191. FCBADOSRET (5E12 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from OSwgetmsg[].

Probable Cause:

An unexpected return value was received from the OSwgetmsg[] macro in the frame relay terminal process.

Action:

Assert and return to calling process.

192. FCBADPARM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to a function.

193. FCBADPCRRASP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote access system process received an error return when sending an external message indicating that the SM to receive the message is not in service. This SM was selected by the FCsel_sm() function using the RLDB_AMGPD relation and should be in service.

194. FCBADPTRSPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid pointer (probably a NULL pointer) was discovered. Before the pointer is used, this process is purged. Examination of the code should indicate the pointer in question.

195. FCBADQMUSIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to use a port as a music source for a multi-line hunt group (MLHG) queue. One of three problems occurred:

1. The rIFC_PORTTYP tuple was not found.
2. The rIFC_PORTTYP tuple was read, but the logical port type (lp_type) did not show it as a recorded announcement (PCRECDANN) trunk.
3. The rIFC_PORTTYP tuple was read, but it was not marked as a music port.

Because of the failure, silence was given in place of music.

Data Structures:

RLFC_PORTTYP. Key fields: port.module, port.member.

RLQU_DLY. Key field: portgrp.grpnum, portgrp.grptype.

The portgrp.grpnum is the number of the MLHG trying to use the port.

Action:

1. Verify that the music port given on RC/V View 3.40 (MLHG MODULAR QUEUING) for the group is valid. (Check fields "MUSIC SOURCE TGN" and "MUSIC SOURCE MEMB".)
2. Verify that the rIFC_PORTTYP tuple keys are valid.
3. Use RC/V to insert this port using RC/V View 5.1 (TRUNK GROUP) and View 5.5 (TRUNK GROUP MEMBER).
4. Use RC/V View 5.1 to change the trunk service class (TRK CLASS) to ANNCMNT.
5. Use RC/V View 5.5 to set the MUSIC SOURCE field to Y.

196. FCBADQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queue value obtained from the RLPU_PORT or RLPU_LTM relation is invalid; although, a tuple was found that matched the keys that were populated in the tuple buffer.

Data Structures:

The data dump is different depending on the relation just read.

RLPU_LTM. Key fields: lead module (first item), ltm index (second item), ltm type (third item), feature ID (fourth item), queue value (fifth item).

RLPU_PORT. Key fields: port's module (first item), port's member (second item), 0 (place holder, third item), feature ID (fourth item), queue value (fifth item).

Action:

This is a database inconsistency that can only be corrected by manual action.

197. FCBADRBREAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ringback reason was received by the FCcpnbn_chk() function. FCcpnbn_chk() normally populates the

integrated services digital network (ISDN) Q.931 calling party number information element with the far party's directory number on ringback due to an auto callback, auto recall, or automatic callback calling invocation. The ringback reason will be dumped in the stack frame as a parameter to the function. FCcpnbn_chk() will return without populating the calling party number information element.

198. FCBADREAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid transaction reason was passed to a trigger function. Failure was returned and the transaction failed.

199. FCBADSRCTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGODDCMND message received by the MCcf_work() function contained an invalid srctyp value. MCcf_work() received this message from the FCpvnalw() or FCaspdrig() function when RC/V View 8.17 (DIRECT SIGNALING APPLICATION) inserted the CCPVN application or deleted the CCAINR01 application. The message is ignored.

The message received is dumped. The message header is in the first eight bytes of the dump and contains in order: process number for the sending process (2 bytes), processor ID for the sending process (1 byte), uniqueness field for the sending process (1 byte), message type (2 bytes), message priority (1 byte), and text length (1 byte).

The next 20 bytes contain the text of the message; only the srctyp field in the fifteenth and sixteenth bytes should be populated.

200. FCBADSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program state was encountered.

201. FCBADTMR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid timer tag was encountered.

202. FCBADVALUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rITATYPE tuple contained an invalid tone in the pctone field.

Data Structures:

RLTATYPE. Key field: tatype.

Action:

Use RC/V (or ODBE, if necessary) to correct the pctone field. The RLTATYPE relation is updated by RC/V View 10.1 (FIXED ROUTE).

203. FCBASP_TP (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: ASPTP	Audit Mode: elev

Problem:

An error indicated invalid linkages in the RLASP_TP relation occurred when ASP software tried to link an RLASP_TP tuple to the PCBLA tuple.

Probable Cause:

Either pre-existence or bad PCBLA-ASP_TP linkage in PCBLA cause the current attempt to failed or the linkage field in ASP_TP is bad.

Action:

The ASP_TP audit will be scheduled to clean up the linkage problem The PCBLA audit will be scheduled to clean up the linkage problem.

204. FCBCR_NS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

An error indicating an invalid linkage from the call record to the RLNS_IDX relation occurred when the network services (NS) software tried to retrieve an rINS_IDX tuple that was linked to the call record. The call record audit is scheduled to clean up the linkage problem.

205. FCBDACTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data on the display terminal process stack was corrupted while the multi-line hunt group (MLHG) queue status display feature was in use. The action associated with the MLHG queue status feature button is no longer valid. The MLHG queue status display feature terminates for the duration of this call and the customer premises equipment (CPE) using the display feature returns to the NORMAL mode. Contact the next level of support if this assert continues to fire.

206. FCBDFRAME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DISPDB	Audit Mode: elev

Problem:

Data in the display data block was corrupted while running the multi-line hunt group (MLHG) queue status display feature. The parameter lqframe in the display data block (indicates which of the five frames of MLHG queue status data to display) is invalid. The MLHG queue status display feature continues with the first frame of data. The MLHG queue status data displayed on the customer premises equipment (CPE) may be invalid. The contents of the display data block are dumped. The display data block audit is scheduled. Contact the next level of support if this assert continues to fire.

207. FCBFGPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLCKT_PORT was read with the intent of retrieving a global business and residence custom services (BRCS) feature group (BFG) port name (default service). This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

208. FCBFGSC_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISC_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID), the logical port type (lpt_type) equal to LPT_BFG (2), and the feature ID.

Data Structures:

RCSC_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport, lpt_type), the BFGID, the feature ID, and the original (non-BFG) keys for this relation.

Action:

A one-digit or two-digit speed calling (SC) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the SC feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLSC_PORT relation where RLsc_port.lport is RLfc_line.lport, and RLsc_port.lpt_type is RLfc_line.lpt_type.

When the SC feature is assigned to a line via a BFG, the BFG keys are used to read the RLSC_PORT relation where RLsc_port.lport is RLfc_line.bfgid and RLsc_port.lpt_type is LPT_BFG.

The feature ID is also a key to the RLSC_PORT relation, regardless of whether the feature was assigned via a BFG.

An attempt to read the RLSC_PORT relation using the BRCS feature group (BFG) keys was made because the data indicates that the SC feature exists in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the following data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg). SC is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should equal the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rISC_PORT tuple should exist for the BFG keys. Insert the appropriate rISC_PORT tuple.

209. FCBKLATANUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local access and transport area (LATA) mapping was turned on and the LATA number for the back number was either 0 or 1 which are invalid values for an originating number. The 0 value indicates no LATA number and value 1 is applicable for terminating LATAs only.

Data Structures:

RLFCNPAMAP. Key fields: back number NPA, back number NXX.

Glatmap (global parameter).

Action:

Turn off LATA mapping or correct the data in the RLFCNPAMAP relation.

LATA mapping can be turned off using the LATA MAP field on RC/V View 8.9 (OSPS OFFICE PARAMETERS).

RC/V View 26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) contains the data for the RLFCNPAMAP relation. In order to use LATA mapping on this switch, all back number NPAs and NXXs must be populated with the appropriate LATA number they correspond to. The latanum field in the RLFCNPAMAP relation must be populated with the same value that is populated in the local digit interpreter table (LDIT); that is, the terminating LATA (term_lata) attribute for the NPA-NXX in RC/V View 9.3 (LOCAL DIGIT OFFICE DIALING).

Data printed on the ROP consists of the back number NPA, back number NXX, and the LATA number currently populated.

210. FCBLLTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message service system (MSS)/electronic directory service (EDS) system process could not create the MSS/EDS billing terminal process (TP) due to an invalid program ID for the billing TP.

211. FCBNETGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A network automatic route selection (ARS) ID was received from the network control point (NCP) in a query response for the leased network (LN) action point (ACP) that does not have a corresponding internal ARS group ID in the RLNET_GPID relation. The affected call was sent to reorder. No LN QRY calls that received the indicated network ARS ID will complete until this problem is corrected.

Data Structures:

RLNET_GPID. Key field: gpid.

Action:

Determine the corresponding internal ARS group ID for the network ARS ID indicated. Use RC/V View 10.5 (AUTOMATIC ROUTE SELECTION GROUP PARAMETERS) to resolve the problem by updating or inserting the rINET_GPID tuple to support the LN customer network ID.

212. FCBNS_BILL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSBILL	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLNS_BILL relation occurred when the network services (NS) software tried to retrieve an rINS_BILL tuple. The AUNSBILL audit is scheduled to clean up the linkage problem.

213. FCBNS_DB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSDB	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLNSDB relation occurred when the network services (NS) software tried to retrieve an rINSDB tuple. The NSDB audit will be scheduled to clean up the linkage problem.

214. FCBNS_IDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLNS_IDX relation occurred when the network services (NS) software tried to retrieve an rINS_IDX tuple. The AUNSIDX audit is scheduled to clean up the linkage problem.

215. FCBNS_TAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TATDB	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLATATDB relation occurred when the network services (NS) software tried to retrieve an rLATATDB tuple. The AUTATDB audit is scheduled to clean up the linkage problem.

216. FCB_PSEUDO (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global parameter, PSEUDO_CARR contains a value not found in the RLFC_CARR relation. No routing information can be found for advanced services platform (ASP) equal access customer calls.

Data Structures:

Glpseudo_carr, RLFC_CARR.

Action:

Check the global parameter, PSEUDO_CARR on View 8.49 (ASP PARAMETERS). If it is a value other than null, insert this value (which is the carrier identification code) into the RLFC_CARR relation on View 10.3 (INTER-LATA CARRIER FEATURE) as a carrier ID with a carrier type "PSEUDO" and feature group of "FGD". Keys to View 10.3 are CARRID and FEATGRP. If the global parameter, PSEUDO_CARR is null, then go to ICF form 5305 of the office records and find a carrier ID with carrier type "PSEUDO" and feature group of "FGD". Using the carrier ID found in the ICF form update Glpseudo_carr on View 8.49 (ASP PARAMETERS).

217. FCB_PSEUDO (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global parameter, PSEUDO_CARR contains a value not found in the RLFC_CARR relation. No routing information can be found for advanced services platform (ASP) equal access customer calls.

Data Structures:

Glpseudo_carr, RLFC_CARR

Action:

Check the global parameter, PSEUDO_CARR on RC/V View 8.1 (OFFICE PARAMETER). If it is a value other than null, insert this value (which is the carrier identification code) into the RLFC_CARR relation on RC/V View 10.3 (INTER-LATA CARRIER FEATURE) as a carrier ID with a carrier type "PSEUDO" and feature group of "FGD". Keys to RC/V View 10.3 are CARRID and FEATGRP. If the global parameter, PSEUDO_CARR is null, then go to ICF form 5305 of the office records and find a carrier ID with carrier type "PSEUDO" and feature group of "FGD". Using the carrier ID found in the ICF form update Glpseudo_carr on RC/V View 8.1 (OFFICE PARAMETERS).

218. FCBQRY_CNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

The qry_cnt in an rINS_IDX tuple exceeds the maximum limit of FCMXSTRIG. During call processing, data in the RLNS_IDX relation and the data linked to this structure was corrupted. The AUNSIDX audit will be scheduled to clean up the RLNS_IDX relation.

219. FCB_TATDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TATDB	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLATATDB relation occurred when the advanced services platform (ASP) software tried to link an rTATDB tuple. The AUTATDB audit will be scheduled to clean up the linkage problem. This problem may have been caused by a software error or data corruption in dynamic data memory.

220. FCBTN_INFO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TNINFO	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLTN_INFO relation occurred when the network services (NS) software tried to retrieve an rTN_INFO tuple. The AURNINFO audit is scheduled to clean up the linkage problem.

221. FCBTRANS (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: ASPTRANS	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLASPTRANS relation occurred when ASP software tried to link an RLASPTRANS tuple to an RLASP_TP tuple.

Probable Cause:

Either pre-existence or bad ASP_TP-ASPTRANS linkage in ASP_TP caused the current attempt to fail or the linkage field in ASPTRANS is bad.

Action:

The ASPTRANS audit will be scheduled to clean up the linkage problem.

222. FCBTRK_DATA (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global parameter Glpvn_ofc indicates that this office is not an advanced services platform office (NON-ASP OFFICE), yet an equal access customer trunk is defined in the office-dependent data (ODD). The associated ASP call will be killed.

Data Structures:

RLFC_TRUNK. Key field: tgroup

The RLFC_TRUNK relation is accessed using the RLRT_TRKG relation. The global parameter Glpvn_ofc and the tgroup key attribute are printed.

Action:

If this office is an advanced services platform (ASP) office, the ASP OFC field in RC/V View 8.49 (ASP PARAMETERS) should be updated to indicate that the office is a service switching point (SSP) office.

If this office is not an ASP office, the UNRES EA field in RC/V View 5.1 (TRUNK GROUP) should be N.

223. FCBTRK_DATA (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global parameter Glpvn_ofc indicates that this office is not an advanced services platform office (NON-ASP OFFICE), yet an equal access customer trunk is defined in the office dependent data (ODD). The associated ASP call will be killed.

Data Structures:

RLFC_TRUNK. Key field: tgroup.

The RLFC_TRUNK relation is accessed via the RLRT_TRKG relation. The global parameter Glpvn_ofc and the tgroup key attribute are printed.

Action:

If this office is an advanced services platform (ASP) office, the ASP OFC field in RC/V View 8.1 (OFFICE PARAMETERS) should be updated to indicate that the office is a Service Switching Point (SSP) office.

If this office is not an ASP office, the UNRES EA field in RC/V View 5.1 (TRUNK GROUP) should be N.

224. FCCAL_INFO (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CALINFO	Audit Mode: elev

Problem:

Failed to link a RLCAL_INFO tuple to the tail of idle list.

Probable Cause:

Data corruption.

Action:

The RLCAL_INFO key (cal_idx) will be printed on the ROP and the AUCALINFO audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

225. FCCAR_GENAV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Due to corrupted messages between processes, the computer access restriction (CAR) feature was incorrectly labeled as a "generally available" feature rather than a "subscription only" feature. CAR is one of the local area signaling services (LASS) selective features. When this assert occurs, contact your next level of support.

226. FCCARRTRIG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ASP protocol in the rINS_TRIG tuple associated with the carrier trigger is not valid. During validation of the trigger, the protocol was identified to be of type R0. The trigger associated with the carrier trigger should only be populated with protocol of R0D1. The call will be provided with standard switch error treatment.

Data Structures:

RLFC_CARR.

Action:

Check the trigger number associated with the carrier on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) to ensure that the carrier has a trigger number with a protocol of R0D1

227. FCCARTONE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

400 Hz carrier tone requested but not provisioned as system tone for MF account code collection on LATA trunks.

ACCT PROMPT (in RC/V View 5.1 [TRUNK GROUP]) == CARRIER or ACCT PROMPT (in RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)]) == CARRIER but the field CARRIER TONE (in RC/V View 8.1) == N

The TRUNK GROUP and trunk group MEMBER NUMBER are printed in this assert. The TRUNK GROUP can be used as key to RC/V View 5.1

Data Structures:

- Global parameter, Glcartone
- rIFC_TRUNK.acctprompt
- Global parameter, Glactprmt

Action:

There are two options,

- Set the value of "CARRIER TONE" in RC/V View 8.1 to "Y"
- If "ACCT PROMPT" in RC/V View 5.1 is set to "GLOBAL" then set the value of "ACCT PROMPT" in RC/V View 8.1 to "BEEP2" else set the value of "ACCT PROMPT" in RC/V View 5.1 to "BEEP2"

228. FCCBCPIDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The process ID (PID) of the process that is controlling the call matches the PID of the process that is attempting a transfer or conference. In the POTS feature model, the PIDs should never be the same. The controlling call will be purged while the other call leg will be preserved. The PID of the controller and the received message will be printed.

229. FCCDVTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

As a result of an invalid program ID, local area signaling services (LASS) screen list editing (SLE) craft directory number (DN) validation could not create the terminal process (TP) needed to respond to an input message (IM). If this is a recurrent message, contact your next level of support.

230. FCCDVTRG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The local area signaling services (LASS) screen list editing (SLE) craft directory number (DN) validation terminal process did not receive the expected trigger message and was forced to terminate. If this is a recurrent message, contact your next level of support.

231. FCCDVUNX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The local area signaling services (LASS) screen list editing (SLE) craft directory number (DN) validation terminal process (TP) received an unexpected message and could not process the validation request. If this message is recurrent, contact your next level of support.

232. FCCF_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCF_CF relation, a failure code of DBNO_MATCH was returned. An rICF_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCF_CF. Key fields: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

233. FCCFCWINTMSG (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call forwarding don't answer/call waiting (CFDA/CW) received an internal message from one of its sibling models that it does not recognize. The CFDA/CW does not know what to do with this message, as it did not expect it. The CFDA/CW model data block (MDB) will be dumped.

Probable Cause:

Possible software bug.

Action:

No audits have been requested. The process will not be purged.

234. FCCFGPCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAgetpcbla() function failed to obtain an idle process control block link area (PCBLA) in the IScreatprc() function for call forwarding ping ring.

The call forwarding base station's terminal equipment data block (TEDB) is not bound to a terminal endpoint identifier linkage area (TEILA), so an attempt was made to create a new process to send a SETUP message to stimulate the ping ring. No PCBLA could be obtained for the new process, so no ping ring is provided.

235. FCCFGTDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to use the dynamic access (DA) primitive DAgoteda() inside the RTLP2VPORT() macro failed. This occurred during an attempt to create an integrated services digital network (ISDN) call forwarding (CF) ping ring process.

236. FCCFIDLERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to idle an RLCFSCOP tuple that was already linked to the idle list. The RLCFSCOP key (slot) will be dumped in the stack frame as a parameter to the function.

237. FCCF_LDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DBNO_MATCH code was returned when an attempt was made to read the RLCF_LDN relation. The rICR_LDN tuple is missing or the keys used to read the relation were not set properly.

Data Structures:

RLCF_LDN. Key fields: group number, subgroup number.

Action:

This is a data inconsistency problem that can be corrected through RC/V (or ODBE, if necessary).

238. FCCFLNTRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CFLNTRM	Audit Mode: elev

Problem:

Failed to link a RLCFLNTRM tuple to a RLCFSCOP tuple or unlink a RLCFLNTRM tuple from a RLCFSCOP tuple and add to the idle list.

Probable Cause:

Data corruption.

Action:

The RLCFLNTRM key (slot_Int) will be printed on the ROP and the AUCFLNTRM audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

239. FCCF_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCF_LTM relation, a failure code of DBNO_MATCH was returned. An rICF_LTM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCF_LTM. Key fields: lead module, LTM index, LTM type, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

240. FCCFOVLNTRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are not enough tuples in RLCFLNTRM to support the forwarding traffic in the specified SM. Forwarding attempts that could not obtain a RLCFLNTRM tuple will usually result in continuous audible treatment to the call originator for the call forwarding don't/no answer (CFDA) feature and busy tone for the call forwarding over private facilities (CFPF) feature.

Data Structures:

Glcflntrm - total number of tuples that currently exist in the relation. FCcflnov - number of blocked CFDA and CFPF call forwardings during the past minute.

Action:

The number of RLCFLNTRM tuples may need to be increased using RC/V view SREINCR. The number of blocked forwarding attempts may be used to help determine the number of additional RLCFLNTRM tuples required.

Consult the 5ESS® Switch Administration and Engineering Guidelines or the next level of support for assistance in determining the correct number of RLCFLNTRM tuples.

241. FCCFOVSCOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are not enough tuples in RLCFSCOP to support the forwarding traffic in this SM. Forwarding attempts that could not obtain a RLCFSCOP tuple will result in BUSY or continuous audible treatment to the call originator.

Data Structures:

Glcfsco - total number of tuples that currently exist in the relation. FCcfovscf - number of blocked call forwardings during the past minute. FCcfovacd - number of blocked automatic call distribution (ACD)/business and residential custom services (BRCS) forwardings during the past minute. FCcfovasp - number of blocked advanced services platform (ASP) forwardings during the past minute. FCcfovlass - number of blocked local area signaling services (LASS) forwardings during the past minute.

Action:

The number of RLCFSCOP tuples may need to be increased using RC/V View SREINCR. The number of blocked forwarding attempts may be used to help determine the number of additional RLCFSCOP tuples required. Consult the 5ESS® Switch Administration and Engineering Guidelines or the next level of support for assistance in determining the correct number of RLCFSCOP tuples.

242. FCCFPF_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCFPF_LTM relation, a failure code of DBNO_MATCH was returned. An rICFPF_LTM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCFPF_LTM. Key fields: CFPF lead module, CFPF logical termination index, CFPF logical terminating type, CFPF feature identifier.

Action:

This is a database inconsistency that can only be corrected by manual action. Using the feature name associated with the call forwarding over private facilities (CFPF) feature identifier as the key, examine the CFPF ALWD field on RC/V View 12.12 (CALL FORWARDING FEATURE DEFINITION).

If the field indicates that CFPF is allowed and the CFPF feature is assigned to the line associated with the dumped logical terminating type and logical terminating index, use RC/V (or ODBE, if necessary) to insert an rICFPF_LTM tuple with the specified keys. RC/V View 1.22 (CALL FORWARDING LINE PARAMETERS) is affected.

243. FCCFSCOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CFSCOP	Audit Mode: elev

Problem:

Failed to link a RLCFSCOP tuple to one of the busy lists, unlink a RLCFSCOP tuple from the busy list or traverse the busy lists.

Probable Cause:

Data corruption.

Action:

The RLCFSCOP key (slot) will be printed on the ROP and the AUCFSCOP audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

244. FCCHRGIDXEXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCHRGIDXEXP relation to get the charge table index using the charge index, a failure of DBNO_MATCH was returned. An rLCHRGIDXEXP tuple is missing for the charge_x key. The call will be continued, but it will be free (no_charge) to the customer.

Data Structures:

RLCHRGIDXEXP. Key field: charge_x.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the charge_x key for correctness. If the rLCHRGIDXEXP tuple is missing, use RC/V View 10.11 (CHARGE IDX EXPANSION) or use ODBE for the RLCHRGIDXEXP relation to add the missing tuple.

245. FCCKT_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLCKT_PORT was read with invalid key values, (ckname, port_indx) or a tuple is missing from this relation. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

246. FCCLMDSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dynamic database read occurred during call processing. The feature control (FC) feature execution (FEX)

environment received an error return code from a dynamic access (DA) primitive. The linkage in the call leg data block (CLDB) to model data block (MDB) set may be corrupted. FEX could not recover from this error.

247. FCCLSUSPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link or unlink an rISTPDB tuple from the call leg data block (CLDB). Also, failed to access the rISTPDB tuple through the linkage from the CLDB when the tuple exists. An audit will be scheduled to clean up the data block.

248. FCCNAMDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CNAMDATA	Audit Mode: elev

Problem:

A tuple in the RLCNAMDATA dynamic relation could not be found with the given key. The key used to access the relation is invalid, or a user that is assigned the incoming call line identification (ICLID) calling name (CNAM) feature has a tuple in the static relation RLICLIDIDX with no corresponding rICNAMDATA tuple. The audit on dynamic relation RLCNAMDATA will be scheduled. The key ic_idx for the rICNAMDATA tuple will be printed on the ROP. Call processing will continue as normal.

249. FC_COINCHG (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_COINCHG relation to get charge data using the charge table index (chrgtbl_x), a DBNO_MATCH failure code was returned. An rFC_COINCHG tuple is missing for the chrgtbl_x. For coin line, the call will continue; but the call will be free (no charge) to the customer.

Data Structures:

RLFC_COINCHG. Key field: chrgtbl_x.

Action:

Use the CHARGE_X value from the ROP output associated with the MANUAL ACTION ASSERT to review RC/V View 10.11 [CHARGE INDEX EXPANSION (CHARGING)]. Use the MBI field from RC/V View 10.11 to review RC/V View 10.13 [COIN CHARGING (CHARGING)].

Three things can be wrong:

- (A) The AMATYPE field is NOT LOCN, DA411, DA555, FGDOL, or FGBOL on RC/V 10.11. Change the AMATYPE to be one of the five listed above.
- (B) The MBI field is 0 on RC/V 10.11. The MBI needs to be a valid non-zero number. You have two choices:
 - (1) Use RC/V 10.11 to set the MBI to a valid value found on the office records form 53024. To get the form type the following at the MCC `op:ofr:form=53024,device="report"`
 - (2) Make up your own value. Use RC/V 10.13 to insert a new MBI. and set the following as indicated or be creative:

```

CHGTYPE    FREE
LOCINTTM   0
LOCOVERTM  0

```

and then update RC/V 10.11 using the CHARGE_X value printed on the ROP and change the MBI field to the value you just inserted on RC/V 10.13.

- (C) The MBI field is NOT 0 on RC/V 10.11 and it does NOT exist on RC/V 10.13. To fix this use either choice 1 or 2 as described under possibility A above.

250. FC_COINCHG (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_COINCHG relation to get charge data using the charge table index (chrgtabl_x), a DBNO_MATCH failure code was returned. An rLFC_COINCHG tuple is missing for the chrgtabl_x. For coin line, the call will continue; but the call will be free (no charge) to the customer.

Data Structures:

RLFC_COINCHG. Key field: chrgtabl_x.

Action:

Use the CHARGE_X value from the ROP output associated with the MANUAL ACTION ASSERT to review RC/V View 10.11 [CHARGE INDEX EXPANSION (CHARGING)]. Use the MBI field from RC/V View 10.11 to review RC/V View 10.13 [COIN CHARGING (CHARGING)]. Three possibilities can occur:

- (A) The MBI field is 0 on RC/V 10.11. The MBI needs to be a valid non-zero number. You have two choices:
- (1) Use RC/V 10.11 to set the MBI to a valid value found on the office records form 53024. To get the form type the following at the MCC `op:o fr:form=53024,device="report"`
 - (2) Make up your own value. Use RC/V 10.13 to insert a new MBI. and set the following as indicated or be creative:


```
CHGTYPE    FREE
LOCINTTM 0
LOCOVERTM 0
```

 and then update RC/V 10.11 using the CHARGE_X value printed on the ROP and change the MBI field to the value you just inserted on RC/V 10.13.
- (B) The MBI field is NOT 0 on RC/V 10.11 and it does NOT exist on RC/V 10.13. To fix this use either choice 1 or 2 as described under possibility A above.
- (C) The MBI field is NOT 0 on RC/V 10.11 and it DOES exist on RC/V 10.13. This is a software problem. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

251. FC_COINCHG (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_COINCHG relation to get charge data using the charge table index (chrgtabl_x), a DBNO_MATCH failure code was returned. An rLFC_COINCHG tuple is missing for the chrgtabl_x. For coin line, the call will continue; but the call will be free (no charge) to the customer.

Data Structures:

RLFC_COINCHG. Key field: chrgtable_x

Action:

The fields to be obtained from the RLFC_COINCHG relation are fcc_cltp, fcc_inpd, and fcc_ovpd using the key chrgtabl_x.

Use RC/V (or ODBE, if necessary) to crosscheck the keys used to access the RLFC_COINCHG relation with the actual keys in the relation. If the tuple is missing, use RC/V View 10.13 (COIN CHARGING) to add the tuple.

252. FCCOPER_SIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A coin call to an operator position was routed over a trunk that does not support coin collection signaling. The dialed digits are printed on the ROP.

253. FCCORC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During call forwarding (CF) activation, the rIDN_FEATS, rICF_LTM, and/or rIMHG_CF tuples are updated. The update was incomplete and the data might be inconsistent among these tuples. One of the customer originated recent changes (CORCs) failed to update.

Data Structures:

RLCF_LTM or RLDN_FEATS. Key fields: lead module, ltm index, ltm type, feature ID.

Action:

De-activate the feature using access code or RC/V View 1.8 (ANALOG LINE/BRCS ASSIGNMENT) for non-multi-line hunt group (MLHG), or View 3.6 (MULTI-POSITION BUSY KEY LINE ASSIGNMENT) or View 3.8 (DSL/BRCS ASSIGNMENT) for MLHG.

254. FCCOT_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCOT_CF relation, a failure code of DBNO_MATCH was returned. An rICOT_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCOT_CF. Key field: feature.

Action:

This is a database inconsistency that can only be corrected by manual action.

255. FCCOTCLASS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminal maintenance (TM) returned a line class type that is invalid for customer originated trace (COT). The process control block link area (PCBLA) will be dumped. COT will allow the trace; however, the field in the trace message that should contain the equipment number will contain question marks.

Action:

Contact the next level of support.

256. FCCOTDISP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Customer originated trace (COT) could not send the display to an integrated services digital network (ISDN) terminal due to a packet switching (PS) failure.

Action:

Contact the next level of support.

257. FCCOTRESP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The customer originated trace (COT) response type is invalid. This problem is found by the FCcotresp(), MCcotresp(), or IScotresp() function. Re-order will be provided.

Action:

Contact the next level of support.

258. FCCOTTMEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminal maintenance (TM) could not produce the equipment number for the line that activated customer originated trace (COT). The process control block link area (PCBLA) will be dumped. COT will allow the trace; however, the field in the trace message that should contain the equipment number will contain question marks.

Action:

Contact the next level of support.

259. FCCPNBNCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICPNBN_CF tuple is missing or the key (FID) is wrong.

Data Structures:

RLCPNBN_CF. Key field: fid.

RLDN_FEATS. Key fields: lead_module, ltm_type, ltm_idx, range.

RLFID2NAME. Key fields: facid, class, subclass.

The ROP output provides the feature identifier (FID) used to read the RLCPNBN_CF relation, the LEAD MODULE of the directory number that is being called or activating/deactivating the calling party number/billing number (CPN/BN) feature, the LTM_IDX of the directory number, the LTM_TYPE of the directory number, and the BFGID (BRCS feature group identifier) of the directory number that is being called or activating/deactivating the CPN/BN feature.

Action:

Use RC/V (or ODBE, if necessary) to fix the problem.

1. Use ODBE for processor 0 and the RLFD2NAME relation to determine if this is a valid feature identifier (FID) for the calling party number/billing number (CPN/BN) feature. For the RLFD2NAME keys (facid, class, subclass), use the FID value from the ROP for the facid key, use FACBRCS for the class, and use SCL_FEAT for subclass.

If the rLFID2NAME tuple with these keys is found, the FID is valid; go to step 2. If a tuple is not found, go to step 3.

2. If the FID is found in the RLFD2NAME relation, use ODBE for the SM that generated the assert and the RLCPNBN_CF relation to determine if a tuple exists for this FID.

If an rLCPNBN_CF tuple does not exist, consult the office records to determine if a CPN/BN feature should exist for this FID. If a CPN/BN feature should exist, insert the tuple along with the appropriate options (consult the office records for the correct option information).

If a tuple exists in RLCPNBN_CF, contact the next level of support.

3. Determine if the invalid FID is in the RLDN_FEATS relation by using ODBE for the SM that generated the assert and the RLDN_FEATS relation. Use the lead_module, ltm_type, and ltm_idx keys from the ROP. Use 0 for the range key.

Check each ftentX.fid attribute for the invalid FID where "X" can be the values 1 through 6. If there are more than 6 features for this ltm_idx, other rLDN_FEATS tuples may have to be read using the next value for the range key. When a ftentX.fid of 0 is found, there are no more features.

If the FID is not found, go to step 4. If the FID is found in RLDN_FEATS, contact the next level of support.

4. If the FID is not found in the RLDN_FEATS relation and the BFGID is greater than 0, check the rLDN_FEATS tuple(s) associated with the BFGID. Use 0 for the lead_module key and use the BFGID value for the ltm_idx key. Repeat the procedure in step 3. If the FID is found in RLDN_FEATS, contact the next level of support.

260. FCCPPOPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Failed to couple the port with the process with the DACppopc() function. The process control block link area (PCBLA) audit will be scheduled.

261. FCCR_STUCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Feature execution (FEX) detected a dead-linked (abandoned) call record. Additional data from up to five model data blocks (MDBs) is dumped. Contact your next level of support.

262. FCCW_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCW_CF relation, a failure code of DBNO_MATCH was returned. An rLCW_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCW_CF. Key fields: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

263. FCCW_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rlcw_PORT tuple is missing that is keyed with the logical port (lport) and logical port type (lpt_type).

Data Structures:

RLCW_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport, lpt_type, and the feature ID (FID).

Action:

The call waiting (CW) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the CW feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLCW_PORT relation where RLcw_port.lport is RLfc_line.lport, RLcw_port.lpt_type is RLfc_line.lpt_type, and RLcw_port.feaid is the CW feature ID.

An attempt to read the RLCW_PORT relation using the original (non-BFG) keys was made because the CW feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). CW is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rlcw_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rlcw_PORT tuple.

264. FCDALCARTONE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

400 Hz Carrier tone requested but not provisioned as system tone for Start Signal on DAL trunks.

The "CT FOR DT" field in RC/V View 5.1 (TRUNK GROUP) is set to "Y" but the field "CARRIER TONE" in RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)] is set to "N".

The TRUNK GROUP and trunk group MEMBER NUMBER are printed in this assert. The TRUNK GROUP can be used as the key to RC View 5.1

Data Structures:

- Global parameter, Glcartone
- rIFC_TRUNK.ct_for_dt

Action:

There are two options,

- Set the value of "CARRIER TONE" in RC/V View 8.1 to "Y"
- Set value of "CT FOR DT" in RC/V View 5.1 to "N"

265. FCDAORAF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A digit overflow occurred while expanding the variable information for variable announcements.

Data Structures:

The following data will be dumped: ann_id: the announcement ID.

Action:

The specified announcement ID causes the digit array overflow. Either there are too much digit commands in the announcement or there is too much variable information to be inserted in the announcement.

266. FCDB_AMGPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when the RLDB_AMGPD relation was read. An rIDB_AMGPD tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLDB_AMGPD. Key fields: group type, group ID.

Action:

Verify that the keys printed on the ROP are valid. The group type must be in the range 1-64 and the group ID in the range 1-65535. If the keys are valid, use ODBE to verify that the rIDB_AMGPD tuple does not exist, then insert the tuple. If the keys are not valid, file a trouble report.

267. FCDCAVTER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services digital network (ISDN) attendant attempted to assign an attendant control of voice terminals (ACVT) direct connect restriction level to an analog line that does not have an ACVT error treatment of RERTE. The analog line must have ACVT error treatment RERTE and must specify an ERROR TN for the direct connect capability to function.

Data Structures:

The port that the attendant tried to assign the direct connect restriction level to is in the gport field of the

MGACVT_REQ message and is printed in the assert.

Action:

Use the OP:CONV input message with the port and SM number in the assert message to convert the port to a directory number. Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) to find the ACVT feature assigned to the line. Use RC/V View 1.46 (ISDN ATTENDANT CONTROL OF VOICE TERMINALS LINE PARAMETERS) to change the ACVT error treatment for the directory number to ERROR TYPE = RERTE and specify an ERROR TN.

268. FCDEFAULT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch statement defaulted when it should not have done so.

269. FCDESTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid destination type (dest_type) was found in the route request message when entering a multiway (MW) call via the ISdmw() function. The only valid values at this point in the call are FCDIALCODE or FCBUTTON. The route request message is dumped to the ROP for analysis.

270. FCDIOPRFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLFC_DIOPR base relation in the intermediate switching point (ISP) feature.

271. FCDIOPRREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFC_DIOPR relation could not be found in the database. An attempt was made to obtain information about an operator system.

Data Structures:

RLFC_DIOPR. Key fields: carr_id, bcarrier.

The carr_id (carrier ID) key is from the RLFC_OPRTK relation which is accessed by the trunk group. The bcarrier field is yes for a feature group B (FGB) carrier and no if this is not an FGB carrier.

Action:

Add the RLFC_DIOPR relation according to RC/V procedures.

272. FCDIOPRTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIFC_DIOPR tuple is missing. An attempt was made to obtain routing information about the operator trunks. The tuple for the specific carrier ID could not be found.

Data Structures:

RLFC_DIOPR. Key fields: carr_id, bcarrier.

The carr_id key is the carrier ID from the RLFC_OPRTK relation which is accessed by the trunk group. The bcarrier key will always be no because this assert only prints for non-feature group B (FGB) carriers.

Action:

Use RC/V View 26.25 (ACCESS TANDEM ROUTE INFO. FOR PRIMARY & ALTERNATE TOLL & ASSIST O.S.) to crosscheck the key set used for accessing the RLFC_DIOPR relation with the actual keys for the relation. Verify that this tuple does or does not exist. Add the tuple if it is missing.

273. FCDISERV (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rDISERV tuple is corrupted or missing. A call type of QUERY was determined from the office dialing plan (ODP) which indicates a query should be made to an external database to obtain routing information. The rDISERV tuple should indicate the type of service based on the type of call and the type_ci_call field on RC/V View 9.3 (LOCAL DIGIT OFFICE DIALING) or RC/V View 9.9 (REMAINING DIGIT OFFICE DIALING).

Data Structures:

RLDISERV. Key field: destination index.

Action:

This is a database inconsistency that must be corrected by manual action. The destination index on the ROP indicates the type of call for which a query should be made to the external database. Update or insert the rDISERV tuple based on the type of call and the type_ci_call field value on RC/V View 9.3 (LOCAL DIGIT OFFICE DIALING) or RC/V View 9.9 (REMAINING DIGIT OFFICE DIALING).

274. FCDISERV (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rDISERV tuple is corrupted or missing. A call type of QUERY was determined from the office dialing plan (ODP) which indicates a query should be made to an external database to obtain routing information. The rDISERV tuple should indicate the type of service based on the type of call and the type_ci_call field on RC/V View 9.3 (LOCAL DIGIT OFFICE DIALING).

Data Structures:

RLDISERV. Key field: destination index.

Action:

This is a database inconsistency that must be corrected by manual action. The destination index on the ROP indicates the type of call for which a query should be made to the external database. Update or insert the rDISERV tuple based on the type of call and the type_ci_call field value on RC/V View 9.3 (LOCAL DIGIT OFFICE DIALING).

275. FCDNBFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLDN_FEATS tuple failed.

Data Structures:

RLDN_FEATS. Key fields: lead module, ltm index, ltm type.

Action:

The ROP report shows the keys used to access the rIDN_FEATS relation as well as the business and residential custom services (BRCS) feature group (BFG) ID associated with the keys.

Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) to verify the features on the line. If these features are correct, use ODBE with the keys to verify the existence of an rIDN_FEATS tuple. If the tuple does not exist, verify that the rIFC_LINE tuple for the line with the same ltm_index and ltm_type has the dnbfg field set to DBNO.

276. FCDNFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIDN_FEATS tuple failed.

Data Structures:

RLDN_FEATS. Key fields: lead module, ltm_index, ltm_type.

The D channel port name will also be printed on the ROP. It will be zero if this data was unavailable.

Action:

Verify the features on the line with RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE). If the features are correct, use ODBE with the keys printed on the ROP to verify the existence of an rIDN_FEATS tuple.

If the rIDN_FEATS tuple does not exist, verify that the rIFC_LINE tuple with the same ltm_index and ltm_type has the brc_dn field set to DBNO.

277. FCDNINCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in the RLDN_FEATS relation. This relation holds data for business and residential custom services (BRCS) features assigned to directory numbers (DNs). Each rIDN_FEATS tuple holds up to six feature entries. If more than six BRCS features are assigned to a DN, multiple rIDN_FEATS tuples are used to hold the feature entries for the DN.

The feat_cnt field in the first rIDN_FEATS tuple (range 0) indicates the number of features that should exist for the DN. For example, if 14 BRCS features are assigned to a DN, three rIDN_FEATS tuples are used to store the BRCS feature data. The first tuple (range 0) has feat_cnt=14 and contains the first six feature entries. The second tuple (range 1) contains the next six feature entries, and the third tuple (range 2) contains the final two feature entries.

An attempt to read one of the additional rIDN_FEATS tuples (range>0) failed. An rIDN_FEATS tuple is missing or the feat_cnt in the first tuple is incorrect. The ROP output provides the tuple keys as well as the actual number of feature entries found.

If this problem occurs during a call, the call will not be torn down and an attempt will be made to process the BRCS features that were successfully read.

Data Structures:

RLDN_FEATS. Key fields: module, ltm_type, ltm_idx, range.

The ROP output provides the MODULE (lead module, 0 for BFG tuples), the LTM_TYPE (logical termination type), the LTM_IDX (logical termination index), the RANGE (a number from 0-4 used to distinguish multiple tuples assigned to a DN), and the CNT (the count of the number of feature entries found).

Action:

If the MODULE is 0, this is a BRCS feature group (BFG) rIDN_FEATS tuple. In this case, the LPT_IDX is the BFG ID.

If the MODULE is non-zero, this is not a BFG tuple. If the LTM_TYPE is LTM_OTHER (0), use the LTM_IDX to read the RLLTM_PORT relation using ODBE in order to determine the port and party. If the LTM_TYPE is LTM_ISDN (1), use the LTM_IDX and MODULE to read the RLIS_LINE relation using ODBE.

Examine the first rIDN_FEATS tuple (range=0) using ODBE. The lead MODULE, LTM_TYPE, and LTM_IDX keys are printed on the ROP. If the feat_cnt field in the first tuple is incorrect, use ODBE to update the tuple to the correct count. The correct count will be CNT.

If the feat_cnt field in the first rIDN_FEATS tuple is correct, then one or more rIDN_FEATS tuples are missing. Update the rIDN_FEATS tuple (range=0) using ODBE. Set the feat_cnt attribute to the value of CNT. This update allows RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) to display the DN features that were found for this LTM_IDX. This is a temporary fix until the missing features can be determined.

The missing feature entries must be added to the RLDN_FEATS relation based on the office records. The feat_cnt in tuple 0 must be updated using ODBE once the correct number of features is determined. The data for each missing DN feature depends on the feature. Contact your next level of support for assistance in restoring these rIDN_FEATS tuples.

278. FCDDR_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDR_CF relation, a failure code of DBNO_MATCH was returned. An rIDR_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLDR_CF. Key fields: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

279. FCDSPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIDSP_MSG tuple is missing, the keys used to read this relation are not valid, or the length of the display exceeds the maximum allowed. RC/V View 8.65 (DISPLAY MESSAGE) provides the maximum length.

Feature operation is not interrupted; however, the missing integrated services digital network (ISDN) displays will not be presented to the user.

Data Structures:

RLDSP_MSG. Key fields: dsp_type, dsp_id.

Action:

If the data from the ROP output does not exist on RC/V View 8.65 (DISPLAY MESSAGE), insert the rIDSP_MSG tuple.

If the data from the ROP output does exist, but the length exceeds the maximum allowed; update the rIDSP_MSG tuple so that the length is less than or equal to the maximum allowed.

If the keys printed are invalid, contact your next level of support.

280. FCDSU2NRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to activate or de-activate an analog visual message waiting indicator (AVMWI), an attempt to send analog advanced services platform (ASP) display data, or an attempt to send display information to an analog incoming calling line identification (ICLID) calling number display (CND) by sending a frequency shift key (FSK) signal to the analog customer premise equipment (CPE) port failed.

The request was issued with the expectation that the digital service unit model 2 (DSU2) equipment/transceiver (XCVR) circuits were currently part of the SM.

The failure occurred due to one of the following reasons:

1. The SM on which the port resides does not have a DSU2. The message service system (MSS) feature with AVMWI or the line identification (LID) feature with ICLID should not be assigned to analog ports on this SM.
2. The SM on which the port resides does have a DSU2, but no transceiver circuits are assigned. The DSU2 needs to be reconfigured to include XCVR circuits.

Data Structures:

RLMDX_CF, RLMDX_GRP, RLMDX_PORT, RLDN_FEATS, RLCKTDATA, RLTDCE_CKT, RLCTB_ECCKT, RLXCVR_CKT, RLPICB, RLRC_EQLOC, RLICLIDIDX, RLCNDDATA.

Action:

The ROP output provides a message that there is an invalid AVMWI, ASP, or ICLID CND request and either no DSU2 or no transceiver circuits exist, the port number, and the parameters used to read the RLMDX_PORT or RLICLIDIDX relation.

281. FCE9BADSFSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLE911_SFG could not be read. This relation must be available when the office is an E911 office as specified on RC/V View 8.1.

Data Structures:

RLE911_SFG

Action:

Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP) to insert an E911 line and trunk simulated facility group (SFG). Use RC/V View 8.1 (OFFICE PARAMETERS [MISCELLANEOUS]) to identify the new SFG as the E911 line or trunk SFG.

282. FCE9DA_ERR (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dialing plan translation error was found for the dialed digits "911". The dialed digits indicate that this is an emergency 911 call but the office dialing plan (ODP) is not correctly translating these digits as an emergency 911 call. This assert is associated with the E911 Call Error Detection and Alarm Special Feature ID 293 on RC/V View

8.22 (SECURED FEATURE UPGRADE).

Possible dialing plan errors are:

- (1) a destination type (CALL TYPE) other than FC911 was translated for the digits "911"
- (2) the digits "911" are translated as part of a longer string causing the user dialing "911" to time out receiving partial dial treatment
- (3) the digits "911" received VACANT code treatment or another digit analysis error was detected

Data Structures:

```
RLDAPRMFNL
RLDAPRLFNL
RLDPRM_G
RLDPRL_G
```

Action:

- (1) Consult the office records to determine if the digits "911" are defined correctly for E911 emergency dialing. If an error can be identified visually, go to step 4 to make the correction.
- (2) Determine which digit analysis tables are used to translate "911" digits by consulting the office records or from the user's digit analysis selector (DAS) field on RC/V view 4.1 (LINE CLASS CODE) if the originating port is a line or RC/V view 5.1 (TRUNK GROUP) if the originating port is a trunk.
- (3) Examine the digit analysis tables identified in step 2 to determine why the "911" digits failed digit analysis or resulted in a destination type other than FC911 (CALL TYPE: 911). Also, identify the corrections to be made to the digit analysis tables.

The RC/V views to use for this examination include:

- (a) RC/V view 9.1 (DIGIT ANALYSIS SELECTOR (OFFICE DIALING)) using the DAS from step 2 as the key.
- (b) RC/V view 9.2 (PREFIX/FEATURE DIGIT (OFFICE DIALING)) using the PDIT from RC/V view 9.1 and the digits being translated as the keys. Or, RC/V view 9.5 (INCOMING TRUNK DIGITS) using the INC DIT from RC/V view 9.1 and "911" digits as the keys.
- (c) RC/V view 9.3 (LOCAL DIGIT (OFFICE DIALING)) using the LDIT from RC/V view 9.1 and "911" digits as the keys.

Determine if the "911" digits are translated with CALL TYPE: NORMAL on the appropriate view. If this is a valid destination type in the office, then set the Optioned Feature ID 716 "Inhibit Dialing Plan Check" on RC/V View 8.31 (OPTIONED FEATURES) to ACTIVE: Y(ES).

- (4) If the error is in the digit analysis tables, make the identified corrections to the tables using the views specified in step 3.

283. FCE9DASBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIDA_DIGSTRT tuple with a key equal to the value of the global office parameter Gle911das, does not exist. This tuple is required for translation of all enhanced 911 (E911) primary, alternate, reroute, and selective transfer directory numbers (DNs); therefore, all E911 routing using those DN's will fail and the originator will receive reorder.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.

Action:

If the Gle911das global parameter printed on the ROP as DIGTREE is not correct based on office records, define the parameter correctly using screen 8 of RC/V View 8.1 (OFFICE PARAMETER [MISCELLANEOUS]). The Gle911das parameter appears as E911 DAS on this screen.

If the Gle911das global parameter is correct, contact the next level of support to add the appropriate rIDA_DIGSTRT tuple via RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) using the digit analysis selector (DAS) printed on the ROP as DIGTREE for the key. Other related digit analysis tables may also need to be added.

284. FCE9DNBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An enhanced 911 (E911) primary, alternate, reroute, or selective transfer directory number (DN) from the relation specified failed digit analysis or resulted in a destination type other than FCNORMAL.

If the call being routed is an E911 origination, it will be routed to an E911 alternate route if available; otherwise, the caller will receive reorder.

If the call is an anonymous call to an E911 public safety answering point (PSAP) (the caller dialed the PSAP DN directly instead of dialing 911) that was rerouted because the PSAP was busy or out of service, the caller will receive reorder.

If the call is a transfer from an E911 PSAP, the transfer will fail and the original two-way call will be maintained.

Data Structures:

RLE911PSAP. Key field: tgn.

RLE911SA. Key fields: sm, das.

RLESNTRAN. Key field: esn.

RLDA_DIGSTRT. Key field: digtree (das).

Action:

1. Consult the office records to determine if the DN printed on the ROP is defined accurately for the specific instance of the relation indicated. If an error can be identified visually, go to step 5 to make the correction.

2. Determine which digit analysis tables are used to translate E911 DN's by consulting the office records or from the E911 digit analysis selector (DAS) field on RC/V View 8.1 (OFFICE PARAMETER MISCELLANEOUS). This DAS is the key to the appropriate rIDA_DIGSTRT tuple.

3. Examine the digit analysis tables identified in step 2 to determine why the DN printed on the ROP is failing digit analysis or resulting in a destination type of other than FCNORMAL. Also, identify the corrections to be made to the digit analysis table or the DN. The RC/V views to use for this examination include:

a. View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) using the DAS from step 2 as the key.

b. View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]) using the PDIT from View 9.1 and the digits being translated as the keys. Or, View 9.5 (INCOMING TRUNK DIGITS) using the INC DIT from View 9.1 and the digits

being translated as the keys.

c. View 9.3 (LOCAL DIGIT [OFFICE DIALING]) using the LDIT from View 9.1 and the digits being translated as the keys.

4. If the error is in the digit analysis tables, make the identified corrections to the tables using the views specified in step 3. 5. Otherwise, make the identified corrections to the DN in the specified tuple of the appropriate relation (relation name and keys printed on the ROP).

a. RLE911PSAP - Enter the corrected PSAP RERTE DN on screen 6 of RC/V View 5.1 (TRUNK GROUP) using the TGN printed on the ROP as the key.

b. RLE911SA - Enter the corrected DN in the appropriate field of RC/V View 9.40 (SELECTIVE ROUTING AND TRANSFER DATA FOR ESN [SM/DAS]) using the SM and DAS printed on the ROP as the keys.

c. RLESNTRAN - Enter the corrected DN in the appropriate field of RC/V View 9.40 (SELECTIVE ROUTING AND TRANSFER DATA FOR ESN [SM/DAS]) using the ESN printed on the ROP as the key.

285. FCE9ESCOBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The emergency service central office (ESCO) provided as the key to read the RLESCO relation is zero or the rLESCO tuple specified does not exist. The RLESCO relation is used by enhanced 911 (E911) to determine if E911 selective or default routing should occur, and for default routing, the emergency service number (ESN) that should be used to obtain the routing data.

If the RLESCO relation can not be read, the following will occur for the E911 call in progress:

1. For line originations and for non-dedicated trunk originations, route the call using the E911 standalone data.

2. For dedicated trunk originations, obtain the ESCO from the rLDA_DIGSTRT tuple associated with the trunk.

a. If an rLESCO tuple can be read using this new ESCO as the key, route the call as specified.

b. If an rLESCO tuple can not be read using this new ESCO as the key, route the call using the E911 standalone data. If this condition occurs, the assert fires twice - once for the invalid or 0 ESCO in the RLFC_TRUNK relation and once for the invalid or 0 ESCO in the RLDA_DIGSTRT relation.

Data Structures:

RLESCO. Key field: esco.

RLFC_TRUNK. Key fields: port.member, port.module.

RLFC_LINE. Key fields: port.member, port.module, party.

RLDA_DIGSTRT. Key field: digtree (das).

Action:

The specified rLESCO tuple is missing, the pointer to the rLESCO tuple in the rLDA_DIGSTRT or rLFC_TRUNK tuple is incorrect, or the pointer to the rLDA_DIGSTRT tuple in the rLFC_LINE or rLFC_TRUNK tuple is incorrect.

Follow these steps to identify and correct the problem:

1. Consult the office records to determine if the ESCO printed on the ROP is a valid value. If it is valid, the rLESCO tuple that corresponds to this ESCO should be added. Use the information provided in the office records to add the tuple via RC/V View 9.41 (EMERGENCY SERVICE CENTRAL OFFICE).

2. If the ESCO is not a valid value or if it is 0, correct the relation from which the ESCO was obtained. This relation is

RLDA_DIGSTRT for lines and non-dedicated trunks and RLFC_TRUNK for dedicated E911 trunks. Determine the relation to correct as follows:

- a. Specifying the MEMBER and MODULE printed on the ROP, use the master control center (MCC) op:conv command to determine if the origination was from a line or a trunk.
- b. If this was a line origination, the ESCO value was obtained from the RLDA_DIGSTRT relation. Proceed to step 3.
- c. If this was a trunk origination, examine the ESCO field on screen 6 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number from the op:conv command. If the ESCO is 0 or blank, the ESCO value was derived from the RLDA_DIGSTRT relation. Proceed to step 3.

If the ESCO field is populated on RC/V View 5.1, but does not match the ESCO value printed; the ESCO was obtained from the RLDA_DIGSTRT relation. Proceed to step 3.

- d. Otherwise, the ESCO was obtained from the RLFC_TRUNK relation.

3. If the ESCO was obtained from the RLDA_DIGSTRT relation, consult the office records to determine if the correct digit analysis tables are being used. That is, is the digit analysis selector (DAS) printed on the ROP correct for the line or trunk in question? If the DAS is incorrect, change it on the appropriate view.

a. RLFC_LINE (line origination) - Obtain the line class code (LCC) from RC/V View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]) using the directory number (DN) from the op:conv command in step 2a and the PARTY printed on the ROP as keys. Change the DAS on RC/V View 4.1 (LINE CLASS CODE) using the LCC as the key.

b. RLFC_TRUNK (trunk origination) - Change the DAS on RC/V View 5.1 (TRUNK GROUP) using the trunk group number from the op:conv command in step 2a as the key.

4. If the ESCO was valid in step 1 and the DAS was correct in step 3, use information from the office records to correct the ESCO in the specified tuple of the appropriate relation identified in step 2.

a. RLDA_DIGSTRT - Enter the correct ESCO via RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) using the DAS printed on the ROP as the key.

b. RLFC_TRUNK - Enter the correct ESCO on screen 6 of RC/V View 5.1 (TRUNK GROUP) using the trunk group number from the op:conv command in step 2a as the key.

286. FCE9OPBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database inconsistency exists between the enhanced 911 (E911) office option parameter Gle911op and the office dialing plan (ODP). The ODP indicates that the call is an E911 call, but the Gle911op parameter is set to E9_INACT, specifying that the office does not support E911 calls. The E911 call in progress will receive reorder or busy.

Action:

The ODP is set up to translate E911 calls when it should not be, or the Gle911op parameter was not initialized for E911 processing in the entire office or in the SM in which the E911 call is originating.

Consult the office records to determine if the ODP should be set up to translate E911 calls. If the ODP should not translate E911 calls, correct the appropriate ODP tables. Start with RC/V View 9.1 (DIGIT ANALYSIS SELECTOR) using the digit analysis selector (DAS) printed on the ROP as the key.

If ODP should translate E911 calls, the Gle911op parameter is incorrect. If the E911 OPTION on screen 8 of RC/V View 8.1 (OFFICE PARAMETER) is set to INACTIVE, the office parameter was not initialized for E911 processing.

Change E911 OPTION to ESA or NONESA, depending on the office records.

If the E911 OPTION specified in View 8.1 is set to ESA or NONESA, the SM office parameter is out of sync with the rest of the office and is not initialized. Use RC/V (or ODBE, if necessary) to update the Gle911op parameter for the SM printed on the ROP to E9_NONESA or E9_ESA, depending on the office records.

287. FCE9QRYBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid query status was returned by the enhanced 911 (E911) global routing system process. The query status will be printed on the ROP. Selective routing for the E911 call in progress will fail and the call will be routed using the E911 stand alone data.

288. FCE9SABAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rLE911SA tuple with the following keys does not exist - SM is the current SM and the digit analysis selector (DAS) is 0.

Since this rLE911SA tuple does not exist, the tuple corresponding to a DAS of 0 must exist for E911 stand alone routing. Therefore, the E911 call currently in progress will fail and the originator will receive reorder.

Data Structures:

RLE911SA. Key fields: sm, das.

Action:

Use the SM and DAS printed on the ROP as keys to insert the missing rLE911SA tuple via RC/V View 9.40 (SELECTIVE ROUTING AND TRANSFER DATA FOR ESN [SM/DAS]). Consult the office records for information to enter on this view.

289. FCE911INVNPA (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLNPA2NPD relation, a failure code of DBNO_MATCH was returned. An RLNPA2NPD tuple is missing or the key used to read this relation was not set properly. The RLNPA2NPD relation is used by the Numbering Plan Area (NPA) to Numbering Plan Digit (NPD) Translation Table for Enhanced 911 (E911) Calls feature (SFID 337) to translate a 3 digit NPA to a 1 digit NPD for incoming signaling system 7 (SS7) calls. For wireline SS7 trunk calls received at the E911 tandem Switch, the NPA of the automatic number identification (ANI) is used as the key to the relation. For wireless SS7 trunk calls, the mobile directory number (MDN) or pseudo ANI is used. The NPD derived is outputted to 8-digit centralized automatic message accounting (CAMA) public safety answering points (PSAPs).

Data Structures:

RLNPA2NPD: Key Field: npa

Action:

This is a database inconsistency that can be corrected by manual action. Verify that the key (NPA) printed on the ROP is populated on RC/V View 9.42 using the NPA as the key.

290. FCE911PSAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered when reading the RLE911PSAP relation. The key (tgn) is wrong or an rLE911PSAP tuple is missing.

Data Structures:

RLE911PSAP. Key field: tgn.

RLFC_TRUNK. Key fields: port.member, port.module.

RLRT_TRKG. Key field: tgn.

The ROP output provides the trunk group number (TGN) key that is obtained from the rLFC_TRUNK tuple associated with the port, and the PORT (the trunk port associated with the call).

Action:

The rLE911PSAP tuple should only be populated if the terminating trunk group is connected to an enhanced 911 (E911) public safety answering point (PSAP).

Follow these steps to use RC/V to fix the problem:

1. Use RC/V View 5.1 (TRUNK GROUP) to check the centralized automatic message accounting (CAMA) PSAP field. If this field is Y, all members of the trunk group must have the cama_psap attribute set to DBYES in the RLFC_TRUNK relation and an rLE911PSAP tuple must exist in all SMs and in the CMP for the trunk group. To correct this problem, follow steps 2 through 5.

If the CAMA PSAP field is set to N, all members of the trunk group must have the cama_psap attribute set to DBNO in the RLFC_TRUNK relation and an rLE911PSAP tuple must not exist for the trunk group. Follow steps 6 and 7 to correct this problem.

2. Remove all members from the trunk group using RC/V View 5.5 (TRUNK MEMBER).

3. On RC/V View 5.1, set the CAMA PSAP field to N and update the trunk group.

4. On RC/V View 5.1, set the CAMA PSAP field to Y and update the trunk group. This should cause an rLE911PSAP tuple to be populated in all SMs.

5. On RC/V View 5.5, add the members back to the trunk group. This should cause the cama_psap attribute to be set to DBYES for each member.

6. Remove all members from the trunk group using RC/V View 5.5.

7. On View 5.5, add the members back to the trunk group. This should cause the cama_psap attribute to be set to DBNO for each member.

Follow these steps to use ODBE to fix the problem:

1. Read the RLFC_TRUNK relation using the PORT and SM number from the ROP as the key. If the cama_psap attribute is set to DBYES, the tgroup attribute must be a valid CAMA PSAP trunk group. If not, correct the tgroup attribute. If it is valid and matches the TGN, then continue.

2. Read the RLRT_TRKG relation using the TGN as the key on the failing SM. If the cama_psap attribute is set to DBYES, then an rLE911PSAP tuple must exist and the cama_psap attribute in the rLFC_TRUNK tuple must be set to DBYES.

3. If the cama_psap attribute in the rLRT_TRKG tuple is set to DBNO, an rLE911PSAP tuple must not exist for this trunk group and the cama_psap attribute in the rLFC_TRUNK tuple must be set to DBNO.

4. Since the RLRT_TRKG and RLE911PSAP relations are SM redundant, each SM and the CMP must have the same data.

291. FCEDSLTKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLEDLSTRKG relation, a failure code of DBNO_MATCH was returned. An rLEDLSTRKG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLEDLSTRKG. Key field: trunk group number (grpnum).

RLFC_TRUNK. Key fields: port.member, port.module.

RLPORT_GROUP. Key fields: port.member, port.module.

RLFC_PORTTYP. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to verify that the trunk group number is valid. The port member and port module dumped on the ROP are used to read the RLPORT_GROUP and RLFC_TRUNK relations. If both relations indicate the port is a member of the trunk group dumped on the ROP, then the trunk group number is probably valid.

If the trunk group number is valid and it has a service class of FCEDSL or FCEDSLHM and a logical port type of PCTBCHAN in the RLFC_PORTTYP relation, check the RLEDLSTRKG relation to see if a tuple exists. If the rLEDLSTRKG tuple is not populated, insert one (consult the office records).

If the trunk group assigned to the port in the RLFC_TRUNK relation is different than the one in the RLPORT_GROUP relation, consult the office records and correct it.

After correction, manually restore the trunk back to service using the master control center (MCC) command rst:trk,tg=grpnum (where grpnum is the trunk group number that was printed on the ROP).

292. FCERDISP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLASPDISP relation failed during an SM full initialization.

293. FCERFRNAMA (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLFRN_AMA relation failed during an SM full initialization.

294. FCERNS_BILL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLNS_BILL relation failed during an SM full initialization.

295. FCERNSDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLNSDB relation failed during an SM full initialization.

296. FCERNS_IDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLNS_IDX relation failed during an SM full initialization.

297. FCERRMSGSIZE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message size passed to the FCrelayfar() function plus the size of the message header (OSMESSAGE) exceeded the current size of a large message text (356 bytes). The size of the message and the message buffer are reported. The FCrelayfar() function returns GLFAIL to the caller. The caller will decide what to do with the call.

298. FCERTATDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLATATDB relation failed during an SM full initialization.

299. FCERTN_INFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLTN_INFO relation failed during an SM full initialization.

300. FCERTRANS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLASPTRANS relation failed during an SM full initialization.

301. FCERTXNIF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLTXN_INFO relation failed during an SM full initialization.

302. FC_FACIDS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSMFACIDS relation, a failure code of DBNO_MATCH was returned. An rLSMFACIDS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLSMFACIDS. Key fields: facid, class, subclass.

Action:

This is a database inconsistency that can only be corrected by manual action.

303. FCFCPORTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_PORTTYP relation to get the coin station type (lp_type) using the port module and port member, a failure of DBNO_MATCH was returned. An rLFC_PORTTYP tuple is missing for this port. For a coin line, the call will be terminated gracefully and the coin will be returned to the customer.

Data Structures:

RLFC_PORTTYP. Key fields: port.module (SM #), port.member (port #).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys used to access the RLFC_PORTTYP relation with the actual keys for the relation. Use RC/V View 1.1 (LINE ASSIGNMENT INDIVIDUAL LINE) to assign this port. If the tuple was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

304. FCFLNPAMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLFCNPAMAP relation in the intermediate switching point (ISP) feature.

305. FCFPCCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

An unsuccessful attempt was made to follow the link from the process control block link area (PCBLA) to the call build up data block (CBDB). The CBDB could not be found; consequently, it could not be unlinked and released. Failure to release the CBDB does not affect the current call.

306. FCFRLRNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The facility restriction level (FRL) received from the originating terminal process (OTP) is out of range. The valid range is 1-16. The FRL is in the MGTK_TERM (trunk termination) message, brcs_data information element (IE). This error was found in the terminating terminal process (TTP) while converting the incoming FRL to an outgoing traveling classmark (TCM) value for the SETUP message that is populated in the TTP.

This assert is called from the FCtcm_conv() function that is located in the fc/FCars/FCpopetrn.c file. It dumps the values of the arport.lport, arport.lpt_type, and the FRL passed.

The TCM field in the outgoing SETUP message (TCM IE) was populated to an error condition (GLFAIL), since the FRL value passed is not valid. Contact your next level of support.

307. FCFRUNEXP (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was returned by VFSMruninstance(), an unexpected stimulus was received by VFSMruninstance, or an unexpected event was received by VFSMruninstance().

Probable Cause:

An unexpected message was received by the frame relay terminal process.

Action:

Assert and return to calling process.

308. FCGENRATNF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is not populated in the relation FC_GENRA.

Data Structures:

The following data will be dumped: rt_type: route type for which a tuple is missing. ann_var: announcement variant.

Action:

Insert the tuple in FC_GENRA using RC/V view ANGRA. If rt_type is FC001APX-FC099APX then ann_var is received from the ECP announcement message's preferred language parameter.

309. FCGENSCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLGENSCA relation, a failure code of DBNO_MATCH was returned. An rLGENSCA tuple is missing or the keys used to read this relation were not set properly. The key values sca_idx and range, along with ltm_index and ltm_type will be printed on the ROP. Structures: RLGENSCA. Key fields: sca_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call acceptance (SCA)/computer access restriction (CAR) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

310. FCGENSCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLGENSCF relation, a failure code of DBNO_MATCH was returned. An rLGENSCF tuple is missing or the keys used to read this relation were not set properly. The key values scf_idx and range, along with ltm_index and ltm_type are printed on the ROP.

Data Structures:

RLGENSCF. Key fields: scf_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call forwarding (SCF) feature, no action

is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

311. FCGENSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLGENSCR relation, a failure code of DBNO_MATCH was returned. An rLGENSCR tuple is missing or the keys used to read this relation were not set properly. The key values scr_idx and range, along with the ltm_index and ltm_type will be printed on the ROP.

Data Structures:

RLGENSCR. Key Fields: scr_idx, range

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call rejection (SCR) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

312. FCGENSDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLGENSDA relation, a failure code of DBNO_MATCH was returned. An rLGENSDA tuple is missing or the keys used to read this relation were not set properly. The key values sda_idx and range, along with the ltm_index and ltm_type will be printed on the ROP.

Data Structures:

RLGENSDA. Key fields: sda_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective distinctive alerting (SDA) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

313. FCGETCBDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful attempt was made to remove an rICBDB tuple from the idle list. The call can not continue because the rICBDB tuple is needed to store the FCsemiglob[] array data.

314. FCGHCLMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLDB	Audit Mode: elev

Problem:

An error was encountered when using the dynamic access (DA) primitive DAGhclmd(). The key passed in (CLDB cldb_id) will be printed on the ROP and the AUCLDB audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

315. FCGHPCCL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An error was encountered when using dynamic access (DA) primitive DAGhpccl(). The key passed in (PCBLA procnum) will be printed on the ROP and the AUFC_PCBLA audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

316. FCGRPNET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a leased network (LN) common channel signaling (CCS) LN_NOQRY trunk origination, the automatic route selection (ARS) local group ID associated with this LN office does not have a corresponding rIGPID_NET tuple. The affected call was sent to reorder.

Data Structures:

RLGPID_NET. Key field: argp.

Action:

Determine the validity of the ARS group ID indicated. Use RC/V View 10.5 (AUTOMATIC ROUTE SELECTION GROUP PARAMETERS) to insert the missing rIGPID_NET tuple.

317. FCGSCLMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MDB	Audit Mode: elev

Problem:

An error was encountered when using the dynamic access (DA) primitive DAGsclmd(). The key passed in (MDB mdb_id) will be printed on the ROP and the AUMDB audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

318. FCGSPCCL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLDB	Audit Mode: elev

Problem:

An error was encountered when using dynamic access (DA) primitive DAGspccl(). The key passed in (CLDB cldb_id) will be printed on the ROP and the AUCLDB audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

319. FCHCALIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the user to update the multi-line hunt group (MLHG) relation RLLSFSCA via a screen list editing (SLE) session failed.

Data Structures:

RLLSFHCA. Key field: grpnum.

Action:

Use RC/V View 4.48 (LASS SELECTIVE FEATURE SCREENING LIST) in the update mode to copy the directory numbers (DNs) from the RLLSFCSA relation (for member 1 of the MLHG) to the RLLSFHCA relation. The fields needed in RC/V View 4.48 are DN, FEATURE, MLHG, and MEMBER.

320. FCHCFLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the user to update the multi-line hunt group (MLHG) relation RLLSFHCF via a screen list editing (SLE) session failed.

Data Structures:

RLLSFHCF. Key field: grpnum.

Action:

Use RC/V View 4.48 (LASS SELECTIVE FEATURE SCREENING LIST) in the update mode to copy the directory numbers (DNs) from the RLLSFSCF relation (for member 1 of the MLHG) to the RLLSFHCF relation. The fields needed in RC/V View 4.48 are DN, FEATURE, MLHG, and MEMBER.

321. FCHCRLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the user to update the multi-line hunt group (MLHG) relation RLRLFHCR via a screen list editing (SLE) session failed.

Data Structures:

RLLSFHCR. Key field: grpnum.

Action:

Use RC/V View 4.48 (LASS SELECTIVE FEATURE SCREENING LIST) in the update mode to copy the directory numbers (DNs) from the RLLSFSCR relation (for member 1 of the MLHG) to the RLLSFHCR relation. The fields needed in RC/V View 4.48 are DN, FEATURE, MLHG, and MEMBER.

322. FCHCSUAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STPDB	Audit Mode: elev

Problem:

Failed to return an rISTPDB tuple to the idle list. The AUSTPDB audit will be scheduled to clean up the data block. The call will continue.

323. FCHDALIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the user to update the multi-line hunt group (MLHG) relation RLLSFHDA via a screen list editing (SLE) session failed.

Data Structures:

RLLSFHDA. Key field: grpnum.

Action:

Use RC/V View 4.48 (LASS SELECTIVE FEATURE SCREENING LIST) in the update mode to copy the directory numbers (DNs) from the RLLSFSDA relation (for member 1 of the MLHG) to the RLLSFHDA relation. The fields needed in RC/V View 4.48 are DN, FEATURE, MLHG, and MEMBER.

324. FCHI_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rHI_CF tuple is missing (home intercom/single line variety feature only), or the keys used to read this relation are incorrect. Activation of home intercom (HI) calls is blocked and reorder is given.

Data Structures:

RLHI_CF. Key field: fid.

The FID is the first data item printed on the ROP, port.member is the second item, port.module is the third, and party is the fourth.

Action:

Use RC/V (or ODBE, if necessary) to check the RLHI_CF relation using the FID value printed on the ROP as the key. If the tuple is not found, insert one. Convert the port information into a directory number (DN), then use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) to assign any pre-constructed HI feature to this DN.

325. FCHOTELFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLFC_HOTEL relation in the intermediate switching point (ISP) feature.

326. FCHTLREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFC_HOTEL relation cannot be found. Attempt was made to obtain data about an automated central quotation system (ACQS) establishment or to verify the back number was or was not from an ACQS establishment. This problem is caused because the RLFC_HOTEL relation is not in the database.

Data Structures:

RLFC_HOTEL, key= back number.

Action:

Add the relation according to RC/V procedures.

327. FCHTLTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLFC_HOTEL relation. Attempt was made to obtain data about an automated central quotation system (ACQS) establishment or to verify the back number was or was not from an ACQS establishment. This problem is caused because the tuple for the specified back number could not be found in trying to obtain data about an ACQS establishment.

Data Structures:

RLFC_HOTEL, key= back number.

Action:

Verify that the back number is from an ACQS establishment and if so, enter it into the database using RC/V.

328. FCICBGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcldb global parameter using the DBrfgparm() function when it was called from the FCincbdb() function in fc/FCtrigint/FCincbdb.c. Contact your next level of support.

329. FCICBGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcldb global parameter using the DBrfgparm() function when it was called from the FCincbdb() function in fc/FCtrigint/FCincbdb.c. Contact your next level of support.

330. FCICBGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcldb global parameter using the DBrfgparm() function when it was called from the FCincbdb() function in fc/FCtrigint/FCincbdb.c. Contact your next level of support.

331. FCICBGP4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcldb global parameter using the DBrfgparm() function when it was called from the FCincbdb() function in fc/FCtrigint/FCincbdb.c. Contact your next level of support.

332. FCIDP_ACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDP_ACT relation, a failure code of DBNO_MATCH was returned. An rLIDP_ACT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDP_ACT. Key fields: group ID, set number.

Action:

This is a database inconsistency that can only be corrected by manual action.

333. FCIDP_AERT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line has an individualized dialing plan (IDP) with alternate code treatment (ACT). The ACT is reroute, but there is no data associated with this IDP group in the RLIDP_AERT relation. The call will default to reorder treatment instead of being rerouted.

Data Structures:

RLIDP_ART. Key fields: idp_gpuid, actsetnum.

Action:

Use RC/V (or ODBE, if necessary) to determine the IDP group name from the ROP output.

1. Use the idp_gpuid provided in the ROP output to read the RLFID2NAME in the AM where facid is the idp_gpuid, class is FACDPLAN, and subclass is SCL_NULL.
2. Use the IDP group name as the key for RC/V View 9.10 (IDP GROUP DEFINITION). Verify that the IDP group is defined and ACTALW is set to Y. If this group is not defined, further office dependent data (ODD) inconsistencies may exist.
3. Use RC/V View 9.11 (IDP ALTERNATE CODE TREATMENT) keyed by the IDP group name and the ACTSETNUM printed on the ROP. If the ACTTREAT (error treatment) field is set to REROUTE, but the REROUTE field is null, then a directory number (DN) to be routed to must be defined.

334. FCIDP_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLID_CF relation, a failure code of DBNO_MATCH was returned. An rIID_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLID_CF. Key field: feature ID.

Action:

Use RC/V (or ODBE, if necessary) in the AM to find the corresponding rIID_OPTS tuple. Use the feature ID from the ROP output as the key to this relation.

If the rIID_OPTS tuple exists, use the information from this tuple to populate the rIID_CF tuple keyed by the same feature ID. The RLID_CF relation is on the SM indicated in the ROP output.

If the rIID_OPTS tuple does not exist, use RC/V View 12.17 (INDIVIDUAL DIALING FEATURE DEFINITION) to define the individualized dialing feature. If there is a problem with this feature definition, contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

335. FCIDP_DTRE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDP_DTRE relation, a failure code of DBNO_MATCH was returned. An rIIDP_DTRE tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDP_DTRE. Key fields: group ID, table ID, digit.

Action:

This is a database inconsistency that can only be corrected by manual action.

336. FCIDP_ERT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line has an individualized dialing plan (IDP) with alternate code treatment (ACT). The ACT is reroute, but there is no data associated with this IDP group in the RLIDP_ERT relation. The call will default to reorder treatment instead of being rerouted.

Data Structures:

RLIDP_ERT. Key field: idp_gpuid.

Action:

Use RC/V (or ODBE, if necessary) to determine the IDP group name from the ROP output.

1. Use the idp_gpuid provided in the ROP output to read the RLFID2NAME relation in the AM where facid is the idp_gpuid, class is FACDPLAN, and subclass is SCL_NULL.
2. Use the IDP group name as the key for RC/V View 9.10 (IDP GROUP DEFINITION). If this group is not defined, further office dependent data (ODD) inconsistencies may exist. Verify that the IDP group is defined and (a) ERRTREAT is set to IDREROUTE, or (b) the DPATALW is set to Y and DPATTREAT is set to IDREROUTE.
3. If condition (a) or condition (b) is met, but the corresponding field ERRTE or DPATRTE is null, then a directory number (DN) to be routed to must be defined.

337. FCIDP_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIIDP_GP tuple is missing.

Data Structures:

RLDB_AMGPD, RLDB_IMGPD, RLDB_GPDUS, RLIDP_GP, RLIDP_PORT, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, and the key used to read the relation - the individualized dialing plan (IDP) group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

The logical port attempting to use the individual dialing plan (IDP) feature has an IDP feature assigned. The IDP feature ID exists in the RLTRMFEATS relation for the originating port.

The logical port is assigned to an IDP group (an rIIDP_PORT tuple exists), but the IDP group ID in the rIIDP_PORT tuple is not valid or an rIIDP_GP tuple is missing.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM.

1. Use the IDP group ID provided in the ROP output to read the RLFID2NAME relation in the AM where RLfid2name.facid is the IDP group ID, RLfid2name.class is FACDPLAN, and RLfid2name.subclass is SCL_NULL.
2. If an rLFID2NAME tuple does not exist for the IDP group ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
3. If an rLFID2NAME tuple does exist for the IDP group ID, insert the appropriate rIIDP_GP tuple in the indicated SM where RLidp_gp.idp_gpuid is the IDP group ID.

Since the RLIDP_GP relation is a group partitioned relation, the RLDB_AMGPD, RLDB_IMGPD, and RLDB_GPDUS group partitioned control relations may also need to be updated.

338. FCIDP_ICOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDP_ICOM relation, a failure code of DBNO_MATCH was returned. An RLIDP_ICOM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDP_ICOM. Key fields: group ID, ICOM rang.

Action:

This is a database inconsistency that can only be corrected by manual action.

339. FCIDP_MBGE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

It was discovered that there was an intercom origination attempt to an International destination from a Centrex Multi-Business Group Entity (MBGE) which is not allowed. This can happen only if the translation data is setup incorrectly.

Data Structures:

RLIDP_ICOM

Key Fields: idp_gp, icom_range

Supplementary Information: Called DN, Terminal Group ID, MBG ID, port

Action:

- (1) Use the IDP group ID and the ICOM range provided in the ROP to read the RLfid2NAME relation in the CMP where RLfid2name.facid is the IDP group ID, RLfid2name.class is FACDPLAN and RLfid2name.subclass is SCL_NULL.
- (2) Go to RC View 9.12 [IDP INTERCOM (INDIVIDUAL DIALING)] and remove the invalid intercom digits for this IDP group.

340. FCIDP_MBGE (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

It was discovered that there was an intercom origination attempt to Inter-LATA or International destination from a Centrex multi-business group entity (MBGE), which is not allowed. This can happen only if the translation data is set up incorrectly.

Data Structures:

RLIDP_ICOM Key Fields: idp_gp, icom_range Supplementary Information: Called DN, terminal group ID, MBG ID, port.

Action:

1. Use the IDP group ID and the ICOM range provided in the ROP to read the RLfid2NAME relation in the CMP where RLfid2name.facid is the IDP group ID, RLfid2name.class is FACDPLAN and RLfid2name.subclass is SCL_NULL.

2. Go to RC View 9.12 and remove the invalid intercom digits for this IDP group.

341. FCIDP_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLIDP_PORT tuple is missing that is keyed with the logical port (lport) and logical port type (lpt_type).

Data Structures:

RLIDP_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport and lpt_type.

Action:

The individualized dialing plan (IDP) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the IDP feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLIDP_PORT relation where RLidp_port.lport=RLfc_line.lport and RLidp_port.lpt_type=RLfc_line.lpt_type.

An attempt to read the RLIDP_PORT relation using the original (non-BFG) keys was made because the IDP feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). IDP is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rLIDP_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rLIDP_PORT tuple.

342. FCIDPRDTRE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The possible problems associated with this assert are listed below.

1. An rLIDPRDTRE tuple is missing.
2. The data in the rLIDPRDTRE tuple is incorrect.

3. After digit analysis of an extension derived from a 10-digit public directory number (DN) using the RLIDPRDTRE and RLIDPRICOM relations, it was discovered that the DN derived from these relations is not a public DN. Since the DN used to derive the extension is public, the DN resulting from the RLIDP_DTRE and RLIDP_ICOM relations must be public.
4. After digit analysis of an extension derived from a 10-digit public DN using the RLIDPRDTRE and RLIDPRICOM relations, it was discovered that the DN derived from these relations was not the same DN that was used to derive the extension. The reverse intercom (extension) data is not in sync with the forward intercom data.
5. An extension number derived from a 10-digit public DN using the RLIDPRDTRE and RLIDPRICOM relations did not go through individualized dialing plan (IDP) digit analysis as an extension. The IDP digit trees for the user do not match the data that is in the RLIDPRDTRE and/or RLIDPRICOM relation.
6. An extension number that was not derived from the public DN went through IDP digit analysis as an extension. The IDP digit trees for the user made the public DN go through as an extension even though the RLIDPRDTRE and RLIDPRICOM relations were not built to derive an extension.
7. An extension number was derived from a 10-digit public DN using the RLIDPRDTRE and RLIDPRICOM relations; however, this number was not built into the IDP digit analysis trees (RLIDP_DTRE and RLIDP_ICOM). Therefore, the reverse intercom (extension) trees do not match the forward intercom data. The end user may complain of being routed to an unexpected location. This could happen in the call forwarding case when an extension is derived for the call forward to DN, the IDP of the user has USEOFFC as the error treatment, and the extension looks like a number defined in the office dialing plan.

Data Structures:

RLIDPRDTRE. Key fields: IDP group ID, table ID, digit.

RLIDPRICOM. Key field: IDP group ID.

RLIDP_DTRE, RLIDP_ICOM.

For problems 1 and 2, the keys and the NPANXX of the 10-digit public DN used to derive the extension will be printed on the ROP.

For problems 3 through 7, the NPANXX of the 10-digit public DN used to derive the extension will be printed on the ROP.

Action:

For problems 1 or 2, the assert fires in the MCid_intcm() function (MCrvicom.c). Verify that the rLIDPRDTRE tuple is not missing or that the tuple's data is correct via RC/V View 9.27 (IDP REVERSE CODE ASSIGNMENT).

For problem 3, the assert fires in the MCintercom() function (MCintercom.c). Verify that the extension derived from the output NPANXX and/or NXX via the RLIDPRDTRE and RLIDPRICOM relations results in the same public DN derived from the RLIDP_DTRE and RLIDP_ICOM relations. The RC/V views that are not in sync are: View 9.12 (IDP INTERCOM), View 9.13 (IDP DIALED CODE ASSIGNMENT), View 9.26 (IDP REVERSE INTERCOM RANGE), and View 9.27 (IDP REVERSE CODE ASSIGNMENT).

For problems 4 or 7, the assert fires in the MCid_ckext() function (MCrvicom.c). Verify that the extension derived for the output NPANXX via RC/V Views 9.26 and 9.27 (for the RLIDPRDTRE and RLIDPRIDOM relations) results in the same public DN derived via RC/V Views 9.12 and 9.13 (for the RLIDP_DTRE and RLIDP_ICOM relations). Or, verify that the extension is built in the IDP group with ICMUSE as the action on RC/V View 9.13 with an appropriate range description on RC/V View 9.12. Fix the problem via RC/V Views 9.12, 9.13, 9.26, and 9.27 by (a) inserting the missing data, (b) deleting the unwanted data, or (c) correcting the data.

For problems 5 or 6, determine if an extension can be derived for the output NPANXX from RC/V Views 9.26 and 9.27. If so, verify that the extension derived from the RLIDPRDTRE and RLIDPRICOM relations has ICMUSE as the action on RC/V View 9.13 with an appropriate range description on RC/V View 9.12. Otherwise, if an extension

cannot be derived from the NPANXX, verify that the (dialable form of the) DN does not have ICMUSE as the action on RC/V View 9.13.

343. FCIDPRICOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDPRICOM relation, a failure code of DBNO_MATCH was returned. An rIIDPIRCOM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDPIRCOM. Key fields: RICOM_RNG, IDP_GPID.

Action:

This is a database inconsistency that can only be corrected by manual action. Add an rIIDPIRCOM tuple with the RICOM_RNG and IDP_GPID keys on the ROP output.

344. FCIMPDGTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rINMIMPDGT tuple was read successfully, but at least one of its attributes is incorrect. It is suspected that the nxx attribute contains nulls, and the call for which this tuple was accessed had less than seven digits (an abbreviated signaling call). For abbreviated signaling calls, the nxx attribute MUST be filled in with the office code of the final destination; nulls (' ') are not acceptable.

Data Structures:

RLNMIMPDGT. Key fields: trntbl, steering, prefix.

The keys and nxx attribute of the tuple in error are dumped in this order: 1. trntbl (type DMTRNTBL), 2. steering (an array of length 3, type DMNXX, padded on the RIGHT with nulls), 3. prefix (type DMPREFIX, 3 bits), and 4. nxx (an array of length 3, type DMNXX).

Action:

Examine RC/V View 9.5 (INCOMING TRUNK DIGITS OFFICE DIALING) for correctness, specifically the "implied nxx" field. The nxx field must be filled in with the office code of the final destination.

345. FCINASP_TP (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: ASPTP	Audit Mode: elev

Problem:

The dynamic access primitive DAahhcj() failed to add an rIASP_TP tuple to the idle list

Probable Cause:

This might occur when the existing office is grown to be a service switching point (SSP). The trigger function tries to allocate the dynamic structure RLASP_TP and add it to the idle list. The problem might also occur when the call is torn down and this dynamic resource is released and returned to the idle list.

Action:

The ASPTP audit is scheduled to clean up.

346. FCINMSGMWI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) received an operating system for distributed switching (OSDS) message type that is not valid for the MWI TP to process. (The type was not MGINTPCM.)

347. FCINNS_BILL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSBILL	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAahninb() failed to add an rINS_BILL tuple to the idle list. This might occur when the existing office is grown to be a service switching point (SSP). The trigger function tries to allocate the dynamic structure RLNS_BILL and add it to the idle list. This problem might also occur when the call is torn down and this dynamic resource is released and returned to the idle list.

348. FCINNS_IDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSIDX	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAathcni() failed to add an rINS_IDX tuple to the idle list. This might occur when the existing office is grown to be a service switching point (SSP). The trigger function tries to allocate the dynamic structure RLNS_IDX and add it to the idle list. This might also occur when the call is torn down and this dynamic resource is released and returned to the idle list.

349. FCINSATCALL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ATCALL	Audit Mode: elev

Problem:

A failure occurred while trying to insert, add, link, or idle a rLATCALL tuple. The ATCALL audit is scheduled to clean up the RLATCALL relation.

350. FCINSDISP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: ASPDISP	Audit Mode: elev

Problem:

An attempt to insert, add, link, or idle rASPDISP tuples failed. The ASPDISP audit is scheduled to clean up the RLASPDISP relation. This assert can fire when using RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to insert the advanced services platform (ASP) 0.1B application. The assert can also fire when the call is torn down and this dynamic resource is released and returned to the idle list.

351. FCINSDYN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfintup() function failed to insert a tuple in a dynamic relation. The stack dumped has the relation ID for which the insert failed.

352. FCINSFRNAMA (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: FRNAMA	Audit Mode: elev

Problem:

An attempt to insert, add, link, or idle RLFRN_AMA tuples failed. The AUFRNAMA audit is scheduled to clean up the

RLFRN_AMA relation. This assert can fire when using RC/V 8.17 (Direct Signaling Application) to insert the Advanced Services Platform (ASP) 0.1B application. The assert can also fire when the call is torn down and this dynamic resource is released and returned to the idle list.

353. FCINSNSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSDB	Audit Mode: elev

Problem:

An attempt to insert, add, link, or idle rINSDB tuples failed. The NSDB audit is scheduled to clean up the relation so that the advanced services platform (ASP) capability can be successfully inserted. This problem occurs when using RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to delete or insert ASP capabilities. This problem might also occur when the call is torn down and this dynamic resource is released and returned to the idle list.

354. FCINSTATDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TATDB	Audit Mode: elev

Problem:

An attempt to insert, add, link, or idle rTATDB tuples failed. The TATDB audit is scheduled to clean up the RLSTATDB relation. This assert can fire when using RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to insert the advanced services platform (ASP) 0.1B application. The assert can also fire when the call is torn down and this dynamic resource is released and returned to the idle list.

355. FCINSTRANS (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: ASPTRANS	Audit Mode: elev

Problem:

An attempt to insert, add, link, or idle rIASPTRANS tuples failed. The ASPTRANS audit is scheduled to clean up the RLASPTRANS relation. This assert can fire when using RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to insert the advanced services platform (ASP) 0.1B application. The assert can also fire when the call is torn down and this dynamic resource is released and returned to the idle list.

356. FCINSTXNIF (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: TXNINFO	Audit Mode: elev

Problem:

An attempt to insert, add, link, or idle rITXN_INFO tuples failed. The TXN_INFO audit is scheduled to clean up the RLTXN_INFO relation. This assert can fire when using RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to insert the advanced services platform (ASP) 0.1B application. The assert can also fire when the call is torn down and this dynamic resource is released and returned to the idle list.

357. FCINTN_INFO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TNINFO	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAahnitn() failed to add an rITN_INFO tuple to the idle list. This might occur when the existing office is grown to be a service switching point (SSP). The trigger function tries to allocate the dynamic structure RLTN_INFO and add it to the idle list. This problem might also occur when the call is torn down and this dynamic resource is released and returned to the idle list.

358. FCINVAPDATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: INVAPDATA	Audit Mode: elev

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A rICMAPDATA tuple is missing or an invalid key was used to read the relation.

Data Structures:

The key of AP site ID will be printed out on the receive-only printer (ROP).

Action:

A read of the rICMAPDATA relation to retrieve AP site information has failed. The return from this read was DBNO_MATCH. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

359. FCINV_GPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The account code (ACCT) group ID in an rIACCT_PRT tuple is zero.

The logical port attempting to use the ACCT feature has the ACCT feature assigned. The ACCT feature ID exists in the RLTRMFEATS relation for the originating logical port.

The logical port was assigned an ACCT feature in an rIACCT_PRT tuple, but the logical port was not assigned to a valid ACCT group. The ACCT group ID is zero.

Data Structures:

RLACCT_PRT.

The ROP output indicates the SM number (MOD), the source file and line number, the originating logical port (LPORT), the logical port type (LPT TYPE), and the invalid ACCT group ID (GROUP ID).

Action:

Use RC/V (or ODBE, if necessary) to find the entity for the logical port. Use the lport and lpt_type provided in the ROP output to read the RLLPT_PT relation to get the port and party.

Use the following OP:CONV master control center (MCC) command to find the entity for the port; that is, telephone number (TN), multi-line hunt group (MLHG), or trunk.

OP:CONV,PORT="mod"-h"port"

In this command, "mod" is the SM number and "port" is the port found in the RLLPT_PT relation.

Use the appropriate RC/V view to assign a valid ACCT group ID to this entity - View 1.42 (ACCOUNT CODE LINE PARAMETERS) or View 5.42 (ACCOUNT CODE TRUNK PARAMETERS).

360. FCINVMSGRASP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected request message was received by the remote access system process (RASP). The request message was ignored.

361. FCINVMWITP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) entry function was entered with an invalid reason. The reason for entry was not the creation of the MWI TP.

362. FCINVMWRFTP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The analog visual message waiting indicator refreshing (AVMWIR) terminal process (TP) entry function was entered with an invalid reason. The reason for entry was not the creation of the AVMWIR TP.

363. FCINVSLOT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid (out-of-range) RLCFSCOP key (slot) was passed as a parameter to a call forwarding function. The RLCFSCOP key will be dumped in the stack frame as a parameter to the function.

364. FCINVTNSC2DAS (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Missing terminating selection code (TNSC) to DAS translation A return code of DBNO_MATCH was returned from DBfrdtup while reading the RLLDPTNSC relation with a NSC returned TNSC as the key.

Data Structures:

TNSC value returned from SCP

Action:

Insert new TNSC value as key on RC/V View 8.53.

365. FCIPNSTRIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect protocol value is present in the RLNS_TRIG relation. The value must be TC_R0D1 for the NESS application.

Data Structures:

RLNS_TRIG. Key field: trigger number.

Action:

Use RC/V View 9.35 to change the protocol associated with the referenced trigger to TC_R0D1 (i.e., Release 0.1B).

366. FCISPRTIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while reading the RLRT_SCRNING relation for an intermediate switching point (ISP) stand-alone call. A route index (RTI) of REGL (0) was returned by RC/V View 10.10 (SCREENING [CHARGING]) for the given screen index, code index, and prefix. Since REGL is not a valid value for an ISP stand-alone call, the call cannot be routed. The call will be sent to reorder.

Data Structures:

RLRT_SCRNING. Key fields: screen_x, dest_x.

The screen_x key is from the RLFC_OPRTK relation which is accessed by the trunk group. The dest_x key is from the RLFC_DIOPR relation which is accessed by the carrier ID and feature group. The prefix parameter is None or 1+ (as in this case).

Action:

Use RC/V (or ODBE, if necessary) to change the RTI to a valid non-REGL value for the given screen index, code index, and prefix, or change one or both of the keys (screen index and code index) for this call. This will allow RC/V View 10.10 to return a valid non-REGL RTI.

367. FCISPSCRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the keys used to read the RLRT_SCRNING relation or the rIRT_SCRNING tuple is missing for an intermediate switching point (ISP) call.

Data Structures:

RLRT_SCRNING. Key fields: scrn_idx, dest_idx, FCPFX_NONE.

The scrn_idx key is from the RLFC_OPRTK relation which is accessed by the trunk group. The dest_idx key is from the RLFC_DIOPR relation which is accessed by the carrier ID. FCPFX_NONE is a constant.

Action:

Use RC/V (or ODBE, if necessary) to crosscheck the key set used for accessing the RLRT_SCRNING relation with the actual keys for the relation. Verify that this tuple does or does not exist. Add the tuple if it is missing.

368. FCIVLFEATCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of business and residential custom services (BRCS) feature entries requested exceeds the maximum number of features allowed. The feature count value (tup_ptr->feat_cnt) that was passed to the FCpfrdtup() function was initialized incorrectly, or the feature count (feat_cnt attribute) in the rIDN_FEATS or rTRMFEATS tuple is incorrect. The FCpfrdtup() function will return failure to the calling function which may or may not complete the phone call.

369. FCLNADB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ADB	Audit Mode: elev

Problem:

Failed to link an rIADB tuple to the idle list. An audit was scheduled to recover the list.

370. FCLNAPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APB	Audit Mode: elev

Problem:

Failed to link associated process block (APB) to idle list.

Probable Cause:

Corrupted APB list linkage.

Action:

APB audit will be requested to clean up.

371. FCLNARPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During automatic route selection (ARS) initialization for leased network (LN) query (LN_QRY) or intermachine (LN_IMT) calls, a database read of the RLARPORT relation failed to find a tuple. The affected call was sent to reorder. LN calls for the indicated trunk will not complete until this problem is corrected.

Data Structures:

RLARPORT. Key fields: lport, lpt_type.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. To find the port of the trunk in question, read the RLLPT_PT relation using the original keys (lport and lpt_type) from the ROP output.
2. Read the RLFC_TRUNK relation (where RLfc_trunk.port.member is RLlpt_pt.port and RLfc_trunk.port.module is the SM number) to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brcs_trm). ARS is a BRCS terminal feature.
3. The brc_trm value from RLFC_TRUNK must be DBYES. If it is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_TRUNK is DBYES, then the lport and lpt_type from RLFC_TRUNK must equal the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rLARPORT tuple must exist for the original keys where RLarport.lport is RLfc_trunk.lport and RLarport.lpt_type is RLfc_trunk.lpt_type. Insert the appropriate rLARPORT tuple.

There is no RC/V procedure to fix this error. For details on ARS data population, refer to the "BRCS Feature Definitions" section of the 5ESS® Switch Recent Change Procedures Text Interface manual.

372. FCLNBRCS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

Failed to link an rIBRCSDB tuple to the idle list. An audit was scheduled to recover the list.

373. FCLNBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the leased network (LN) transaction handler function FCIntrhdlr() which was communicating with the network control point (NCP) to get routing information. The call affected was sent to reorder.

Action:

No action is required if this assert occurs singularly. If this assert starts to roll, call your next level of support.

374. FCLNCBDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to insert an rICBDB tuple into the idle list. An audit was scheduled to clean up.

375. FCLNCBPC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

An unsuccessful attempt was made to link an rICBDB tuple and an rPCBLA tuple. As a result, the FCsemiglob[] array data that is stored in the rICBDB tuple can not be accessed. The call can not be completed; it is terminated with a single process purge.

376. FCLNCLDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLDB	Audit Mode: elev

Problem:

Failed to link an rICLDB tuple to the idle list. An audit was scheduled to recover the list.

377. FCLNDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Failed to link an rIDALB tuple to the idle list. An audit was scheduled to clean up the list.

378. FCLNEDSLANI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call requiring a query to the LN network control point (NCP) was made on an extended digital subscriber line (ESDL) trunk, but the trunk does not have a 10-digit automatic number identification (ANI). At the action point (ACP) for the LN application, the ANI for a LN query (QRY) call must be 10 digits to allow primary rate interface (PRI) access to the LN. The affected call was sent to reorder. No LN QRY calls will complete for the indicated trunk group until this problem is corrected.

Data Structures:

RLDSLTRKG. Key field: trunk group number.

The port.member and port.module for the trunk used in the call, as well as the number of ANI digits used in the call are dumped.

Action:

If the trunk group is a LN QRY group, use RC/V View 5.1 (TRUNK GROUP) to update the "BILLING DN" field with a 10-digit ANI. (Refer to the population rules for the RLFC_TRUNK relation in the 5ESS® Switch Translation Data Manual for instructions on how to construct the ANI.)

If the trunk is not a valid LN QRY trunk, notify your next level of support.

379. FCLNFFINTF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call processing vs leased network (LN) transaction handler interface problems occurred. A transaction initialization is requested by call processing without passing a route request message pointer (struct mgRT_REQ *) and/or a digit collection data block (DCDB) buffer pointer (FC_DCDB *). The call affected was sent to reorder.

Action:

If this assert starts to roll, call your next level of support.

380. FCLNFINTF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The leased network (LN) transaction handler is processing an invalid call status. The interface buffer (FCTRCPINTF) which contains relevant information regarding the call being processed is dumped. The call is sent to reorder.

Action:

No action is required if this assert occurs singularly. If this assert starts to roll, call your next level of support.

381. FCLNISDNANI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call requiring a query to the LN network control point (NCP) was made on a integrated services digital network (ISDN) line, but the line does not have a 10-digit automatic number identification (ANI). This allows base rate interface (BRI) access to the LN. At the action point (ACP) for the LN application, the ANI for a LN query (QRY) call must be 10 digits. The affected call was sent to reorder. No LN calls will complete for the indicated line until this problem is corrected.

Data Structures:

RLFC_LINE. Key fields: port.member, port.module, party.

The number of ANI digits used for the call is also dumped.

Action:

Use RC/V (or ODBE, if necessary) to supply a 10-digit ANI to the line or update the line's LN type. If the BRI/ISDN line should remain a LN QRY facility, use RC/V View 23.2 (DIGITAL SUBSCRIBER LINE) for individual lines and RC/V View 3.5 (MULTILINE HUNT GROUP LINE ASSIGNMENT) for multi-line hunt groups to update the billing number field. (Refer to the population rules for the RLFC_LINE relation in the 5ESS[®] Switch Translations Data Manual for instructions on how to construct the ANI.) This modification can also be done using ODBE to update the line's rLISLINEDN tuple with a 10-digit ANI in the billdn attribute.

If the ISDN line is not a valid LN QRY line, use RC/V View 23.2 (DIGITAL SUBSCRIBER LINE) to update the LN TYPE field to the appropriate value. This modification can also be done using ODBE to update the ln_type attribute in the rLFC_LINE tuple to the appropriate value.

382. FCLNLSCMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LSCMDB	Audit Mode: elev

Problem:

Failed to link an rLSCMDB tuple to the idle list. An audit was scheduled to recover the list.

383. FCLNMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MDB	Audit Mode: elev

Problem:

Failed to link an rIMDB tuple to the idle list. An audit was scheduled to recover the list.

384. FCLNNOCAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A route fail message returned from the routing and terminal allocation (RTA) process for leased network query (LN_QRY) or leased network no query (LN_NOQRY) calls, indicates that carrier selection should be done. However, carrier selection is not allowed for LN calls. An invalid tuple with a non-zero carrier_id is populated for the given route index in the RLRT_MCRT relation. The affected call was sent to reorder. LN calls that use the indicated route index will not complete until this problem is corrected.

Data Structures:

RLRT_MCRT.

Action:

Use RC/V View 10.4 (MC ROUTE INDEX EXPANSION) to check the carr_id field in the RLRT_MCRT relation. The carr_id field should be null for this route index. If it is not, change it to null.

If the call still does not complete, contact your next level of support.

385. FCLNPFANI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call requiring a query to the LN network control point (NCP) was made on a private facility (PF) or PF flash repeating (PFLASH) trunk, but the trunk does not have a 10-digit automatic number identification (ANI). At the action point (ACP) for the LN application, the ANI for a LN query (QRY) call must be 10 digits. The affected call is sent to reorder. No LN QRY calls will complete for the indicated trunk group until this problem is corrected.

Data Structures:

RLPF_TKDN. Key fields: member, module.

The trunk group number of the trunk used in the call and the number of ANI digits used in the call are dumped.

Action:

Determine if the trunk is a valid LN QRY trunk. If the trunk is a valid LN QRY trunk, use RC/V View 5.1 (TRUNK GROUP) to modify the field "BILLING DN". This modification can also be done using ODBE to insert an rIPF_TKDN tuple for the trunk with a 10-digit ANI in the dn attribute or update the existing rIPF_TKDN tuple with a 10-digit ANI. (Refer to the population rules for the RLFC_TRUNK relation in the 5ESS® Switch Translations Data Manual for instructions on how to construct the ANI.)

If the trunk is not a valid LN QRY trunk, notify your next level of support.

386. FCLNSCMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SCMDB	Audit Mode: elev

Problem:

An attempt to link an rSCMDB tuple to the idle list failed. An audit has been scheduled to recover the list.

387. FCLNTCMDG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During collection of the dialed digits, two digits are collected for the traveling class mark (TCM). For leased network (LN) query calls, only one digit is allowed for the TCM. LN calls for the indicated port will not complete until this problem is corrected.

Data Structures:

RLARPORT.

Action:

Read the rLARPORT tuple keyed by the logical port and the lpt_type (OTHER). The value for the tcmin attribute should be 1 for the LN call. Correct the tcmin value using RC/V View 5.21 (AUTOMATIC ROUTE SELECTION TRUNK PARAMETERS).

388. FCLPCE9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAIpce9() failed to link the given rIPCBLA tuple to the given enhanced 911 data block tuple rIE911DB. The process control block link area (PCBLA) audit is run. In the ROP output, field 1 provides the rIPCBLA tuple key (this is the process number where the error occurred) and field 2 provides the rIE911DB tuple key.

The call will not be torn down since the rIE911DB tuple is not critical for completing the call. If this assert occurred in an originating terminal process (OTP), the OTP will not be able to alternate route the call since the alternate routing data could not be stored. Also, the selective transfer data will not be available to send to the terminating terminal process (TTP).

If this assert occurred in a TTP, the selective transfer data was not stored and the enhanced 911 (E911) attendant will not be able to do a selective transfer. Manual or fixed transfers will still work.

389. FCLPTSPID (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error resulted in reading the virtual relation RLLPTSPID. Either the static rLPT_SPID tuple (the storage form for rLPTSPID) is missing or the keys used to access the tuple are invalid.

Data Structures:

RLLPTSPID. Key fields: lport, lpt_type .

The lport (logical port) and lpt_type (logical port type) keys are printed in decimal format on the ROP.

Action:

- (1) Verify that the keys are valid.
- (2) If the keys are valid, use ODBE with the batch read (BR) option to read the RLSPID relation into a *UNIX*[®] file.

- (3) Use a *UNIX*® editor or the grep command to find the rISPID tuple with the ckt_lport attribute value that matches the lport value on the ROP.
- (4) If the rISPID tuple exists, use ODBE to insert the rLPT_SPID tuple with the lport and lpt_type keys on the ROP. The values for the locdnn, npid, and natype attributes are taken from the rISPID tuple.
- (5) If the rLPT_SPID tuple was assigned through standard office data administration (ODA) or RC/V, file a trouble report.

390. FCLPTSPID (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPT_SPID tuple with the given keys could not be found in the static database. The rLPT_SPID tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLLPT_SPID. Key fields: lport, lpt_type.

The lport (logical port) and lpt_type (logical port type) keys are printed in decimal format on the ROP.

Action:

1. Verify that the keys are valid.
2. If the keys are valid, use ODBE with the batch read (BR) option to read the RLSPID relation into a *UNIX*® file.
3. Use a *UNIX*® editor or the grep command to find the rISPID tuple with the ckt_lport attribute value that matches the lport value on the ROP.
4. If the rISPID tuple exists, use ODBE to insert the rLPT_SPID tuple with the lport and lpt_type keys on the ROP. The values for the epdn, npid, and natype attributes are taken from the rISPID tuple.
5. If the rLPT_SPID tuple was assigned through standard office data administration (ODA) or RC/V, file a trouble report.

391. FCLSF_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSF_CF relation, a failure code of DBNO_MATCH was returned. An rLSF_CF tuple is missing or the key used to read this relation was not set properly. The key value feat_id will be printed on the ROP.

Data Structures:

RLLSF_CF. Key field: feat_id.

Action:

The port attempting to use a local area signaling services (LASS) selective feature (SCF, SCR, SDA, SCA, CAR) has a feature assigned (an rIDN_FEATS tuple exists for the ltm_idx and ltm_type), but no rLSF_CF tuple exists that is associated the LASS selective feature ID.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and CMP.

1. Use the feat_id provided in the ROP output to read the RLFD2NAME relation in the CMP where

RLfid2name.facid is the LASS selective feature (LSF) feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_NULL.

2. If an rLFID2NAME tuple does not exist for the LSF feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

3. If an rLFID2NAME tuple does exist for the LSF feature ID, insert the appropriate rLSF_CF tuple in the indicated SM. Since RLLSF_CF is an SM redundant relation, the values for RLLSF_CF can be found by reviewing the same tuple in another SM.

392. FCLSFHCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFHCA relation, a failure code of DBNO_MATCH was returned. An rLSFHCA tuple is missing or the key used to read this relation was not set properly. The key value grpnum will be printed on the ROP.

Data Structures:

RLLSFHCA. Key field: grpnum. This is a database inconsistency that can only be corrected by manual action.

393. FCLSFHCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFHCF relation, a failure code of DBNO_MATCH was returned. An rLSFHCF tuple is missing or the key used to read this relation was not set properly. The key value grpnum will be printed on the ROP.

Data Structures:

RLLSFHCF. Key field: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

394. FCLSFHCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFHCR relation, a failure code of DBNO_MATCH was returned. An rLSFHCR tuple is missing or the key used to read this relation was not set properly. The key value grpnum will be printed on the ROP.

Data Structures:

RLLSFHCR. Key field: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

395. FCLSFHDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFHDA relation, a failure code of DBNO_MATCH was returned. An rILSFHDA tuple is missing or the key used to read this relation was not set properly. The key value grpnum will be printed on the ROP.

Data Structures:

RLLSFHDA. Key field: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

396. FCLSFSCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSCA relation, a failure code of DBNO_MATCH was returned. An rILSFSCA tuple is missing or the keys used to read this relation were not set properly. The key values sca_idx and range, along with the ltm_index and ltm_type will be printed on the ROP.

Data Structures:

RLLSFSCA. Key fields: sca_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call acceptance (SCA)/computer access restriction (CAR) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

397. FCLSFSCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSCF relation, a failure code of DBNO_MATCH was returned. An rILSFSCF tuple is missing or the keys used to read this relation were not set properly. The key values scf_idx and range, along with the ltm_index and ltm_type will be printed on the ROP.

Data Structures:

RLLSFSCF. Key fields: scf_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call forwarding (SCF) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

398. FCLSFSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSCR relation, a failure code of DBNO_MATCH was returned. An rILSFSCR

tuple is missing or the keys used to read this relation were not set properly. The key values scr_idx and range, along with the ltm_index and ltm_type will be printed on the ROP.

Data Structures:

RLLSFSCR. Key fields: scr_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call rejection (SCR) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

399. FCLSFSDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSDA relation, a failure code of DBNO_MATCH was returned. An rILSFSDA tuple is missing or the keys used to read this relation were not set properly. The key values sda_idx and range, along with the ltm_index and ltm_type will be printed on the ROP.

Data Structures:

RLLSFSDA. Key fields: sda_idx, range.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective distinctive alerting (SDA) feature, no action is required.

Otherwise, this is a database inconsistency that can only be corrected by manual action. Contact your next level of support.

400. FCLSNTWK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A local area signaling services (LASS) transaction capabilities application part (TCAP) failure occurred because of incorrect common channel signaling version 7 (CCS7) network data. Data in this office is inconsistent with data in a CCS signal transfer point (STP) or with data in another end office within the LASS network. Because of this failure, customer invocations of LASS features are routed to denial announcements.

Case 1: No table exists for this global title translation type. The node (typically an STP) that was instructed to perform a global title translation for LASS is not equipped with a translation table for LASS. Therefore, the STP and this office are using different values for the LASS translation type.

Case 2: The far end office [the one that owns the queried directory number (DN)] does not recognize the value of the LASS subsystem number assigned to it by the translating node (typically an STP).

Data Structures:

RLDS_APP. Key field: CCLASS.

Action:

Case 1: Use RC/V View 8.17 (DIRECT SIGNALING APPLICATION) with the key equal to LASS to update the value

of the LASS translation type. Set the translation type to the value used by the translating nodes. The data administrators for the translating nodes (STPs) should be able to provide this information.

Case 2: Verify the data given for Case 1. If that data is correct, this problem cannot be corrected in this office. Report the problem to the data administrators for the translating nodes (STPs). There are normally two translating nodes and either one could be causing the problem.

401. FCLTATPLER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTSBDB	Audit Mode: elev

Problem:

Failed to add the rDLTSBDB tuple to the tail of the idle list. An audit has been scheduled on rDLTSBDB.

402. FCLTBRMSER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A line time slot bridging (LTSB) MGLTSBBARG message was received by a LTSB shared call system process (SCSP). The message status and module fields were inconsistent with the SM SCSP state where the message was received.

When the message status is DBYES, only an LTSB SCSP acting in a non-lead capacity can receive the message. If the message status is DBNO, only the lead SM SCSP can receive the message and only when a lead port barging non-lead attempt failed to find the non-lead SM LTSB terminating process (TP) for the non-lead port that was supposed to be on a call.

403. FCLTCOSER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line time slot bridging (LTSB) capability only supports FC_INDVDL, FC_TWOPTY, and FC_2PTY for class of service (COS).

Data Structures:
RLLTSBPORT.

Action:

Use RC/V (or ODBE, if necessary) to check the COS. If the COS is incorrect, change it to the appropriate COS.

404. FCLTEXTMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line time slot bridging model (LTSM) received an external message that is not expected. The LTSM does not know what to do with this message.

405. FCLTGTUPER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTSBDB	Audit Mode: elev

Problem:

An attempt to get an rDLTSBDB tuple from the idle list failed.

406. FCLTINTMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line time slot bridging model (LTSBM) received an internal message from one of its sibling models that it does not recognize. The LTSBM does not know what to do with this message, as it did not expect it. The LTSBM model data block (MDB) will be dumped.

407. FCLTLINKER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTSBDB	Audit Mode: elev

Problem:

An attempt to link the call link data block (CLDB) and an rDLTSBDB tuple failed. An audit on rDLTSBDB is scheduled.

408. FCLTM_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLTM_PORT relation, a failure code of DBNO_MATCH was returned. An rLTM_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLLTM_PORT. Key fields: LTM index.

Action:

This is a database inconsistency that can only be corrected by manual action.

409. FCLTREORER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to give a reorder tone failed.

410. FCLTSBPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access an rLTSBPORT tuple in line time slot bridging (LTSB) failed. Possibly, no tuple exists for the lport key used. This key is supplied by a MGLTSBxxxx message which could be wrong. A third possible cause is a database error.

Data Structures:

RLLTSBPORT.

Action:

Verify that the rLTSBPORT tuple does not exist for the lport key printed. If it does not exist, verify that the lport key is valid. If lport is valid, add the missing rLTSBPORT tuple.

If the lport key is not valid, a message was corrupted or the code did not build the message properly (perhaps other data is also corrupted).

If the lport key is valid and an rLTSBPORT tuple exists for the key, use database system error procedures.

411. FCLTSCSPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed to send a line time slot bridging (LTSB) message from a LTSB shared call system process (SCSP) to a LTSM terminating process (TP) or to another LTSB SCSP.

In most cases, the calling function will be exited; but in a few cases, the function will try to deal with the error. A pointer to the message and the destination are printed. In all cases, the objective for which the message was sent will not be attained.

412. FCLTUNLKER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTSBDB	Audit Mode: elev

Problem:

Failed to unlink an rDLTSBDB tuple from a call link data block (CLDB). An audit has been scheduled on rDLTSBDBS.

413. FCLTUXBRCS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected business and residential custom services (BRCS) message was received by a line time slot bridging (LTSB) process.

414. FCMDC_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following occurred:

1. An rIMDC_GRP tuple (keyed by MDC_GRP) is missing.
2. The rIMDC_GRP tuple (keyed by MDC_GRP) has an invalid application processor (AP) site ID.
3. An analog message service system (MSS) attendant with basic service is in the hunt group.

Data Structures:

RLMDC_GRP, RLRT_MHG.

Action:

For case 1, add the rIMDC_GRP tuple or reset the MDC flag in the rIRT_MHG tuple for the hunt group.

For case 2, correct the AP site ID in the rIMDC_GRP tuple.

For case 3, create the message desk center (MDC) group data by putting a valid non-zero AP site ID in the rIMDC_GRP tuple keyed by MDC_GRP. Delete the analog attendant from the hunt group or reset the MDC flag in the rIRT_MHG tuple keyed by MDC_GRP.

415. FCMDCINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid combination of the business customer ID (BCID) and message desk center (MDC) number was found in the RLMDC_GRP or RLMD5_GRP relation.

Data Structures:

RLMDC_GRP, RLMD5_GRP.

Action:

Modify the RLMDC_GRP or RLMD5GRP relation to assign the proper BCID to the user's message service center (MSC) for this particular user group.

416. FCMDRCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICDR_CF tuple is missing. The port attempting to use the message detail recording (MDR) to customer location (CL) feature has an MDR to CL feature assigned, but no rIMDR_CF tuple exists that is associated with the MDR to CL feature ID. The MDR to CL feature ID exists in the RLTRMFATS relation for the dialing port.

Data Structures:

RLMDR_CF, RLFID2NAME.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the feature ID (FID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM. Use the MDR feature ID provided in the ROP output to read the RLFID2NAME relation in the AM where RLfid2name.facid is the MDR feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_NULL.

If an rLFID2NAME tuple does not exist for the MDR feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rLFID2NAME tuple does exist for the MDR feature ID, insert the appropriate rIMDR_CF tuple in the indicated SM. Since RLMDR_CF is an SM redundant relation, the values for the rIMDR_CF tuple can be found by reviewing the same tuple in another SM.

417. FCMDRGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDR_GP tuple is missing. The port attempting to use the message detail recording (MDR) to customer location (CL) feature has an MDR to CL feature assigned in the rIMDR_PORT tuple, but the MDR group ID is invalid or an rIMDR_GP tuple is missing. The MDR to CL feature ID exists in the RLTRMFATS relation for the dialing port.

Data Structures:

RLMDR_GP.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the MDR group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM.

Use the MDR group ID provided in the ROP output to read the RLfid2NAME relation in the AM where RLfid2name.facid is the MDR group ID, RLfid2name.class is FACMDR, and RLfid2name.subclass is SCL_NULL.

If an rlfid2NAME tuple does not exist for the MDR group ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

If an rlfid2NAME tuple does exist for the MDR group ID, insert the appropriate rIMDR_GP tuple in the indicated SM where RLmdr_gp.grp_id is the MDR group ID.

Since the RLMDR_GP relation is a group partitioned relation, the RLDB_AMGPD, RLDB_IMGPD, and RLDB_GPDUS group partitioned control relations may also need to be updated.

418. FCMDRINVGPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message detail recording (MDR) group ID in an rIMDR_PORT tuple is zero. The logical port attempting to use the MDR feature was assigned to an MDR feature in the rIMDR_PORT tuple, but it was not assigned to a valid MDR group ID. The MDR feature ID exists in the RLTRMFETS relation for the dialing port.

Data Structures:

RLMDR_PORT.

The ROP output indicates the SM number (MOD), the source file and line number, the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use RC/V (or ODBE, if necessary) to find the entity for the logical port.

1. Use the lport and lpt_type provided in the ROP output to read the RLLPT_PT relation to find the port and party.
2. Use the OP:CONV master control center (MCC) command to find the entity for the port - telephone number (TN) or trunk.

OP:CONV,PORT="mod"-h"port"

where "mod" is the SM number and "port" is the port found in RLLPT_PT.

Use RC/V View 1.33 (MESSAGE DETAIL RECORDING LINE PARAMETERS) or View 5.33 (MESSAGE DETAIL RECORDING TRUNK GROUP PARAMETERS) to assign a valid MDR group ID to this entity.

419. FCMDRPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDR_PORT tuple is missing.

Data Structures:

RLMDR_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - logical port (lport) and logical port type (lpt_type).

Action:

The message detail recording (MDR) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the MDR feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLMDR_PORT relation where RLmdr_port.lport=RLfc_line.lport and RLmdr_port.lpt_type=RLfc_line.lpt_type.

An attempt to read the RLMDR_PORT relation using the original (non-BFG) keys was made because the MDR feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). MDR is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should equal the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rIMDR_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rIMDR_PORT tuple.

420. FCMDS_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDS_CF tuple is missing. The key to this relation is obtained from the RLDN_FEATS relation.

Data Structures:

RLMDS_CF, RLDN_FEATS.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLMDS_CF relation with the actual keys used to access the relation. Verify that the tuple in question exists, if not the tuple must be added.

421. FCMDS_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDS_GRP tuple is missing. The key to this relation is obtained from the RLMDS_PORT relation.

Data Structures:

RLMDS_GRP, RLMDS_PORT.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLMDS_GRP relation with the actual keys used to access the relation. Verify that the tuple in question exists, if not it must be added.

422. FCMDS_IGR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message desk service (MDS) group ID (zero) exists in an rIMDS_PORT tuple. The key to this relation is obtained from the RLDN_FEATS relation.

Data Structures:

RLMDS_PORT, RLDN_FEATS.

Action:

Use RC/V (or ODBE, if necessary) to populate the rIMDS_PORT tuple with a valid, non-zero MDS group ID.

423. FCMDS_INVAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIMDS_GRP tuple contains an invalid entry in the ap_id field or the FCMSS2AP() macro was misused.

Data Structures:

RLMDS_GRP.

Action:

Use RC/V (or ODBE, if necessary) to verify the correct population of the rIMDS_GRP tuple. Verify that the ap_id contains a valid entry.

424. FCMDS_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDS_PORT tuple is missing. The key to this relation is obtained from the RLDN_FEATS relation.

Data Structures:

RLMDS_PORT, RLDN_FEATS.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLMDS_PORT relation with the actual keys to access the relation. Verify that the tuple in question exists, if not it must be added.

425. FCMHG_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIMHG_CF tuple during call forwarding (CF) activation on a multi-line hunt group (MLHG). The rIMHG_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLMHG_CF. Key field: grpnum.

Action:

Verify that an rIMHG_CF tuple exists on the originating module. If not, redefine the associated MLHG then try CF activation again.

426. FCMHG_TGSR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLMHG_TGSR relation resulted in a DBNO_MATCH. An rIMHG_TGSR tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLMHG_TGSR. Key field: mlhgrp.

Action:

Use RC/V (or ODBE, if necessary) to add an rIMHG_TGSR tuple with the mlhgrp key on the ROP.

427. FCMQSET1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An MGTKQ_TERM message was not received.

428. FCMQSET2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid terminating port type was encountered.

429. FCMQWHN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the priority delay treatment relation RLQU_PRI.

Data Structures:

RLQU_PRI.

Action:

Use RC/V (or ODBE, if necessary) to determine if the priority delay treatment is assigned to the offhook queuing.

430. FCMQWHN2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive failed to access the trunk queue owner block from the queue member block. Possibly, invalid linkage was found between the two blocks. The program will clean up the problem.

431. FCMSFREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message service system (MSS)/electronic directory service (EDS) system process received an MGINTPCM message with an invalid feature verification request.

432. FCMSGFLRASP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote access system process (RASP) received a failure from the OSWGETMSG() primitive indicating that an invalid message was received.

433. FCMSINVACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action code was encountered for a message service system (MSS) feature. This problem causes the MSS feature to fail.

434. FCMSMWIDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MSMWIDA	Audit Mode: elev

Problem:

The DAathcmw() or DARshcmw() dynamic access (DA) primitive returned DBNO_OWNER, DBBAD_ADD, DBBAD_RM, or DBSYS_ERR. The RLMSMWIDA relation read by the key field invoke_id caused one of these error return values.

If DBNO_OWNER was returned, the owner tuple (DBMSMWIIDLE or DBMSMWIBUSY) does not exist with the invoke_id key that was given as a parameter. If DBBAD_ADD was returned, the invoke_id key given as a parameter is already owned in a set (DBMSMWIBUSY/IDLE). If DBBAD_RM was returned, the invoke_id key given as a parameter is invalid for the set (DBMSMWIBUSY/IDLE). If DBSYS_ERR was returned, the existing linkages between the RLDB_HEADC relation (DBMSMWIIDLE/BUSY) and the RLMSMWIDA relation are corrupted. An audit will be scheduled to do integrity checks on the key to the relation, quarantine fields, and linkage. Call processing is not affected.

435. FCMSPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the message service system (MSS)/electronic directory service (EDS) system process.

436. FCMSSAPBFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message service system (MSS) feature model failed to retrieve a pointer to an associated process block (APB) with the MCGETAPBPTR() macro. There may be a linkage problem with APBs associated with the process, the process ID passed to the macro may be invalid, or the requested model may not exist in the process.

437. FCMSSIPOD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When the message service system feature model (MSS_FM) is created for the print on demand (POD) feature, the user is only allowed to have a customer status of FCMC_DIAL. Any other customer status is handled by the feature terminating process (FTP).

A target process of 7 decides if the FTP or the originating terminal process (OTP) is called. When the target process

is incorrect, this assert fires.

438. FCMSSPIN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown initialization reason was passed to the message service system (MSS)/electronic directory service (EDS) system process.

439. FCMWCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the static data for a multiway constructed feature for a port, a failure code of DBNO_MATCH was returned. An rlmwcf tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLMWCF. Key fields: feature ID.

Action:

Using ODBE, use the feature ID (feat_id) in the ROP output to look at the AM relation RLFID2NAME to determine the feature name assigned to the feat_id.

Refer to the "Multiway Calling Preconstructed Feature Definition Table" in the 5ESS® Switch Business and Residence Custom Features User's Guide to find the attributes associated with the feature name and the correct values for the attributes. Use ODBE to insert an rlmwcf tuple for the feat_id according to the values found for the attributes provided in the User's Guide.

440. FCMWIBADHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBHEADC	Audit Mode: elev

Problem:

The DAghcmw() or DAathcmw() dynamic access (DA) primitive returned DBNO_OWNER or DBSYS_ERR. An attempt was made to get the head of the busy list with the invoke_id key from the RLMSMWIDA relation, or an attempt was made to add to the tail of the idle list with the invoke_id key.

If DBNO_OWNER is returned, the owner tuple (DBMSMWIBUSY) does not exist with the invoke_id key that was given as a parameter. If DBSYS_ERR is returned, the existing linkages between the RLDB_HEADC relation (DBMSMWIIDLE or DBMSMWIBUSY) and the RLMSMWIDA relation are corrupted. An audit will be scheduled to do integrity checks on the key to the relation, quarantine fields, and linkage. Call processing is not affected.

441. FCMWIBODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the RLMDS_PORT relation indicated that the port should have an audible message waiting indicator (MWI) applied, but a read of the RLIS_LINE relation indicated that this is not a primary directory number (DN).

Data Structures:

RLMDS_PORT, RLIS_LINE.

Action:

The ROP output provides the parameters that were used to read the RLMD5_PORT relation. The parameters used to read the RLIS_LINE relation are a subset of the RLMD5_PORT parameters.

442. FCMWISDNERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The multiway calling (MW) function MCnewnear() checked to see if the controller heard silence as part of the permanent signal partial dial (PSPD) option. This should never happen on an integrated services digital network (ISDN) call. The non-ISDN code was entered on an ISDN call. The associated process block (APB) is dumped on the ROP for analysis and the process is purged.

443. FCMWITP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message service system (MSS)/electronic directory service (EDS) system process could not create the message waiting indicator (MWI) terminal process (TP) due to an invalid program ID for the MWI TP.

444. FCMWNOCC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made in the ISmw_ckfrdc() function to get a pointer to the call coordination (CC) model associated process block (APB). The MCGETAPBPTR() macro returned a null pointer indicating that the macro could not find an APB for the CC. The terminal process is purged which causes the call to be torn down. The process control block link area (PCBLA) is dumped to the ROP for analysis.

445. FCMWOSSNDERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the multiway (MW) models failed to output an external message. The error code from the OSsendmsg() primitive, the requested destination process ID (PID), and the contents of the message buffer that was to have been sent are dumped. A multiway call will be torn down and the related billing data will be lost. Contact your next level of support.

446. FCMWPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rMWPORT tuple is missing that is keyed with the logical port (lport) and the logical port type (lpt_type).

Data Structures:

RLMWPORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport, lpt_type, and the feature ID (FID).

Action:

The multiway (MW) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the MW feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLMWPORT relation where RLMwport.lport is RLfc_line.lport, RLMwport.lpt_type is RLfc_line.lpt_type, and RLMwport.feaid is the MW feature ID.

An attempt to read the RLMWPORT relation using the original (non-BFG) keys was made because the MW feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). MW is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rlmwport tuple should exist for the original (non-BFG) keys. Insert the appropriate rlmwport tuple.

447. FCMWRFTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message service system (MSS)/electronic directory service (EDS) system process could not create the message waiting indicator refreshing (MWIRF) terminal process (TP) due to an invalid program ID for the MWIRF TP.

448. FCNCPDIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a leased network (LN) common channel signaling (CCS) LN_NOQRY trunk origination, the LN automatic route selection (ARS) ID associated with this LN office was not successfully stored in the calling record. The LN ARS ID had the wrong number of digits. The affected call was sent to reorder.

Data Structures:

RLGPID_NET. Key field: argp

Action:

Determine the validity of the ARS group ID indicated and the associated LN ARS ID. Use RC/V View 10.5 (AUTOMATIC ROUTE SELECTION GROUP PARAMETERS) to insert the missing rlgpid_net tuple.

449. FCNFTLDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-fatal office dependent data (ODD) read error occurred. The call can continue with assumptions made, depending on the error encountered.

Data Structures:

Several relations are reported by this assert, the function that calls the assert identifies the relation involved.

Function	Relation	Key Fields
FCe_appton()	RLTATYPE	tatype
ISqapptone()	RLTATYPE	tatype
FC9t_fs()	RLFC_911TRNK	port.member, port.module
FCdir_conn()	RLFC_DIRCON	port.member, port.module, party
FCr_idle()	RLFC_LINE	port.member, port.module, party
MCnapptone()	RLFC_LINE	port.member, port.module, party
FCdialerr()	RLFC_LINE	port.member, port.module, party
FCdig_coll()	RLFC_LINE	port.member, port.module, party
FCtdir_con()	RLFC_TDIRC	port.member, port.module
FCto_ans()	RLIMITGRPS	tgroup
FCto_fs()	RLIMITGRPS	tgroup
FCconn_ann()	RLFC_ANOUNCE	port.member, port.module
FCtone()	RLTONETIME	tonetype
FCtone_ann()	RLTATYPE	tatype
FCwatscar()	RLFC_LINE	port.member, port.module, party
FCwatscar()	RLFC_TRUNK	port.member, port.module
FCwatscar()	RLEDSDLTRKG	grpnum
MCdrng()	RLDR_LTM	ltm_type, lead_module, ltm_idx, feat_id
FCnullfid()	RLDN_FEATS	lead_mod, ltm_type, ltm_idx
FCdcfs()	RLFC_LINE	port.member, port.module, party
MCcn00()	RLFC_DIRCON	port.member, port.module, party
FCffs() RCFEATENT		

The data dump layouts to determine the key values can be found in the 5ESS® Switch Translations Data Manual.

Action:

The solution to the problem can be found by consulting the associated assert mnemonic.

Relation	Mnemonic
RLTATYPE	FPTATYPE
RLFC_911TRNK	FP_911TRNK
RLFC_DIRCON	FP_DIRCON
RLFC_LINE	FPFCLINE
RLFC_TDIRC	FPFC_TDIRC
RLIMITGRPS	FPIMTGRPS
RLFC_ANOUNCE	FP_ANOUNCE
RLTONETIME	FPTONETY
RLEDSDLTRKG	FPEDSLTRKG
RLFC_TRUNK	FP_TRUNK
RLDR_LTM	FPDR_LTM
RLDN_FEATS	FPDNFEAT

If FCwatscar() is the asserting function, the problem is in the RLFC_LINE, RLFC_TRUNK, or RLEDSDLTRKG relation. A switch is performed on the class of service found in the process control block link area (PCBLA). If the class of service is FC_PBX, then the relation is RLFC_LINE; otherwise, the class of service is FCEDSLHM. A call is placed to RLFC_TRUNK, then to RLEDSDLTRKG. The grpnum for the RLEDSDLTRKG relation is found in the FC_TRUNK relation.

If MCdrng() is the asserting function, the RLDR_LTM relation is missing or the dring is not valid.

If FCffs() is the asserting function, the role value is FCTERM and the selection criteria expected can be ABA_FLASH, FLASH_RP, FLASH_TERM, or FLASH_ANY; the selection criteria was not any of these. Contact your next level of support.

450. FCNLUPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIORTLA tuple for the indicated port is marked as a nail-up port, but a read of the rINAILUP tuple for the same port failed to find a match. This will occur if the rIORTLA tuple was erroneously marked as a nail-up, or the rINAILUP tuple was erroneously deleted (more likely).

Data Structures:

RLNAILUP. Key field: port

The port key is the local port name of the nailed-up port.

Action:

Determine if the port is actually a nailed-up port. If so, the rINAILUP tuple was erroneously deleted and needs to be re-inserted. A nail-up connection requires two tuples which cross reference each other. The existence of the matching tuples must be manually verified by the OP:NAILUP command or RC/V (or ODBE, if necessary).

If the port should not be nailed-up, running the PORTLA audit will clear up the problem.

451. FCNOCCODE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLNOCCODE tuple could not be identified or had an unexpected base numbering plan area (NPA) for the given NPA-NXX of a 10-digit directory number (DN).

Data Structures:

RLNOCCODE.

The RLNOCCODE tuple could not be found for the NPA-NXX or the NXX and NPA retrieved from the RLNOCCODE relation contained an unexpected base NPA. If found, the NPA-NXX of the 10-digit DN are dumped.

Action:

Use the NPA-NXX to inspect the rINOCCODE tuple. Verify that the office data is consistent with signal transfer point (STP) data for local area signaling services (LASS) global title routing. Correct the NPA in the rINOCCODE tuple, if appropriate. For NPA splits using SFID 36 (LASS NPA SPLIT), add old - new NPA association in RC/V View 8.25 (LASS NPA SPLIT RESOLUTION).

452. FCNOCFDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

MGTPCREDIR message was received by this process from the host computer for third party call control feature to redirect a ringing call for the position DN which does not have call forwarding don't answer (CFDA) feature(s) that apply to this call assigned to it. To prevent this from happening again, assign a CFDA feature [or equivalent feature(s) that allows forwarding of this call] to the DN (only if they have purchased the feature) and also notify ACD/BRCS customer about the problem.

Data Structures:

The logical port and port type will be printed out on the ROP.

Action:

Use the port information provided to find the directory number (DN), then use RC/V 1.11 [BRCS FEATURE ASSIGNMENT (LINE)] to assign a CFDA feature (or equivalent feature(s) that allows forwarding of this call) to the DN.

453. FCNOEONCOS (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The class of service for the originating port is not valid for a Nodal origination. This type of call is only supported by the following classes of service on the originating port: PF, PFITT, PFLASH for trunks, or any class of service for lines. Reorder will be given as the failure mechanism if the class of service for the port is not valid. The data printed is the originating port, the originating class of service associated with this port and the modular constructed route index (MCRI) associated with the call.

Data Structures:

RLRT_MCRT. Key Field: mcri.

Action:

The originator of this port can be a line or a trunk. Verify or correct the class of service for the indicated port using: RC/V View 4.1 (LINE CLASS CODE) if the port is a line, or RC/V View 5.1 (TRUNK GROUP) if the port is a trunk. If the class of service is correct, do the following: Use RC/V View 10.4 (BRCS - MC ROUTE INDEX EXPANSION) keyed by MCRI to get the SFG GP NUM. Use RC/V View 7.3 (SIMULATED FACILITY GROUP) keyed by SFG GP NUM to check the SFG TYPE. The SFG TYPE should not be EON for this class of service.

454. FCNO_FENPA (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The far-end numbering plan area (NPA) was not populated for this trunk group and it must be populated since the npasrc field indicates to use the far-end NPA.

Data Structures:

RLRT_TRKG, key = grpnum.

Action:

Use RC/V to populate the FAR END NPA field on RC/V View 5.1 (TRUNK GROUP).

455. FCNOHDALB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the dynamic access (DA) primitive DAghteda() that was called in the ISdmw() function. This primitive tried to get the head D-channel application linkage block (DALB) using a terminal equipment data block (TEDB). The terminal process is purged which tears down the call. The TEDB and the process control block link area (PCBLA) are dumped to the ROP for analysis.

456. FCNOISLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed to read the RLIS_LINE relation which contains customer specific data for an integrated services digital network (ISDN) terminal.

Data Structures:

RLIS_LINE.

Action:

Populate the RLIS_LINE relation.

457. FCNOLNPTRIG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error associated with local number portability (LNP) has occurred. Specifically, a telephone number (TN) was dialed that is provisioned with the "NP - Non-Conditional 10-Digit Trigger for LRN" feature (99-CP-3888). For information on the "NP - Non-Conditional 10-Digit Trigger for LRN" feature, consult the "5ESS® Switch Number Portability User's Guide (235-190-127)."

The following example defines switch provisioning and a user scenario that would result in this assert. Note that the RC/V provisioned data may vary slightly and still result in this assert.

Example of RC/V provisioning that results in this assert:

```
RC/V View 9.3 (LOCAL DIGIT): (key) LDIT = 001
                             (key) INCOMING DIGITS = 996
                             RDIT = ____
                             LNP TRIG NBR = ____
                             PORTED IN = Y
RC/V 1.6 (ANALOG LINE ASSIGNMENT): (key) TN = 9961001
                                     NON COND TRIG = Y
```

Example of user scenario:

Party A calls 9961001. Because the NON COND TRIG field on RC/V View 1.6 is set to Y, execution of the "NP - Non-Conditional 10-Digit Trigger for LRN" feature is looking for, and expects, the LNP TRIG NBR field on RC/V View 9.3 to be populated with an active trigger number. Trigger numbers are defined and activated on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).

Data Structures:

Not applicable.

Result:

The 5ESS® switch software prints the following message to the read only printer (ROP) when this assert is encountered.

```
NO LNP TRIG NBR DEFINED FOR: DAS = 1, DIALED_TN = 9961001
```

Because the required LNP TRIG NBR was not provided on RC/V View 9.3, an LNP query DOES NOT occur. The call will attempt to complete to the dialed TN.

Action:

This must be corrected by manual action.

Do one of the following:

- (a) Use the digit analysis selector (DAS) value as the key for RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). This RC/V View gives the local digit interpreter table (LDIT) associated with the call. Use this LDIT and the DIALED_TN, as keys (LDIT and INCOMING DIGITS) for the appropriate RC/V View, 9.3 (LOCAL DIGIT) or 9.9 (REMAINING DIGIT). Change the LNP TRIG NBR field to a valid, active, trigger from RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) for this LDIT and INCOMING DIGITS combination.
- (b) Remove the "NP - Non-Conditional 10-Digit Trigger for LRN" feature from the line by setting the NON COND TRIG field to N on the appropriate RC/V View:

1.6 (ANALOG LINE ASSIGNMENT)	1.8 (ANALOG LINE/BRCS ASSIGN)
23.2 (ISDN INDIVIDUAL DSL)	23.8 (DSL/BRCS ASSIGNMENT)
23.20 (PRIMARY/SECONDARY ONLY)	

Or the global recent change (GRC) Views:

28.2 (UPDATE VIEW FOR 1.6)	28.3 (UPDATE VIEW FOR 1.8)
28.4 (UPDATE VIEW FOR 23.2)	28.5 (UPDATE VIEW FOR 23.8)

458. FCNOMEMCLMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dynamic database read occurred during call processing. Feature execution (FEX) received a DBNO_MEMBER return code from dynamic access (DA). This error was probably caused by an invalid mdb_id passed to the DAatclmd() function.

459. FCNOMEMPCCCL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dynamic database read occurred during call processing. Feature execution (FEX) received a DBNO_MEMBER return code from dynamic access (DA). This error was probably caused by an invalid cldb_id passed to the DAatpccl() function.

460. FCNOMUSRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The music source could not be found when a request was made to provide music to a party placed on hold. An attempt was made to obtain the music source port member number from the RLRT_TG relation which is keyed by the terminal group ID (tgid).

One of three problems may have occurred.

1. The moh_act attribute in the rITGLTM tuple is DBYES for the line requesting music, but the tgid is zero.
2. The rIRT_TG tuple is missing.
3. The rIRT_TG tuple read for the line's terminal group has a music port member number of zero.

Data Structures:

RLRT_TG. Key field: tgid.

RLTGLTM. Key fields: lead_mod, ltm_type, ltm_idx, bfgid.

RLDN_FEATS. Key fields: lead_mod, ltm_type, ltm_idx, bfgid.

The tgid key for the rIRT_TG tuple is dumped on the ROP. If the tgid is zero, the first error condition is true. The ROP output also provides the ltm_type, lead_mod, ltm_idx, and bfgid keys for the rIDN_FEATS and rITGLTM tuples. If the bfgid field is non-zero, the line requesting music has a business and residential services (BRCS) feature group (BFG) assigned and the terminal group/station restriction (TG/SR) feature may be assigned via the BFG. Otherwise, the line has no BFG so the TG/SR feature must be assigned as an individual directory number (DN) feature. In this case, the ltm_idx is used instead of the bfgid.

Action:

1. If the tgid output on the ROP is zero, inconsistent data was found in the database. Use the following steps to correct the data:
 - a. Verify that the line requesting music is allowed to provide music. Determine how the TG/SR feature was assigned to this line.
 - b. If the bfgid is non-zero, read RC/V View 12.9 (BRCS FEATURE GROUP UPDATE) with the name of the BFG found in RC/V View 1.11 (BRCS FEATURE ASSIGNMENT).
 - c. If the TG/SR feature is assigned via the BFG, use ODBE to verify that the moh_act field is set to DBYES in the rITGLTM tuple. For keys, use the bfgid printed on the ROP as the LTM_IDX, LTM_ISDN as the LTM_TYPE, and zero as the LEAD_MODULE.
 - d. If the feature is not assigned in the BFG, read RC/V View 1.11 to determine if the TG/SR feature is assigned as an individual DN feature. Use ODBE to read the rITGLTM tuple. Use the ltm_idx printed on the ROP as the LTM_IDX, the ltm_type printed on the ROP as the LTM_TYPE, and the lead_mod printed on the ROP as the LEAD_MODULE to verify that the moh_act field is set to DBYES.
 - e. If the moh_act field is set to DBYES in step 1c or step 1d, verify the tgid in the rIDN_FEATS tuple. Use ODBE to read the rIDN_FEATS tuple with the same keys used to read the rITGLTM tuple.
 - f. If the tgid field is non-zero, the dynamic data for this one call is corrupted. The static data is still valid and does not require any changes for future calls on this line that may request music again.
 - g. If the tgid field is zero, the static data is inconsistent and requires updating. If the TG/SR feature is assigned via the BFG, read RC/V View 12.9 to find the tgid that this line belongs to. Update the rIDN_FEATS tuple using the same keys as the first read to the rIDN_FEATS tuple with the tgid found in RC/V View 12.9.
- If the TG/SR feature is assigned as an individual DN feature, the default tgid field from RC/V 12.21 (TERMINAL GROUP FEATURE DEFINITION) can be used to update the rIDN_FEATS tuple or the line may be assigned to a terminal group by updating the rIDN_FEATS tuple with an existing tgid. In either case, update the rIDN_FEATS tuple with the same keys used to read the rIDN_FEATS tuple previously.
- h. If the line is currently being assigned to a terminal group, verify that a non-zero music source (moh_src) port member is assigned to the tgid by reading the rIRT_TG tuple with the tgid of the terminal group as the key.
- i. If the moh_act field is set to DBNO in the rITGLTM tuple, the dynamic data is corrupted for this one call. The static data is valid and does not require any changes for future calls involving this line.
2. Use ODBE to verify that an rIRT_TG tuple exists on the SM number dumped on the ROP for the tgid key output on the ROP. If the rIRT_TG tuple is not found, use RC/V to insert a tuple with the music source trunk group number and member number found on RC/V View 4.4 (TERMINAL GROUP ATTENDANT AND DATA).
3. If the rIRT_TG tuple is found, verify that the music port member number is non-zero. If the member number is zero, use RC/V to update View 4.4 (TERMINAL GROUP ATTENDANT AND DATA) with a valid music trunk group number and member number.

461. FCNOMWIREQ (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) was entered (it was just created), but the MWI TP timed out while waiting for an MWI request to process. The MWI TP was created incorrectly.

462. FCNONRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A NEAR model state was not found while dropping back to a 2-way call from a multiway (MW) call via the MCdcomst() function. The call dropped back to a POTS feature model (PFM) state (MCPWSIG) that tears down the call. The MW model associated process block (APB), the call coordination (CC) model APB, and the CC state are dumped to the ROP for analysis.

463. FCNONSDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not insert rINSDB tuples when adding advanced services platform (ASP) service to this office. This problem results in blocked ASP calls.

Data Structures:

RLNSDB.

Action:

Use RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to delete then re-insert the form keyed by "ASP" or "AINR0D1".

464. FCNOPAPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not get a parent's associated process block (APB) for the integrated services digital network (ISDN).

465. FCNOPRT2MWI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message waiting indicator (MWI) terminal process (TP) or the analog visual MWI refreshing (AVMWIR) TP could not couple the analog visual MWI port to the TP. Therefore, the TP could not activate or de-activate the AVMWI lamp.

466. FCNORRTI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services attendant (ISAT) remote busy verification error occurred. The remote route index (rti) read from the RLREMBV_RI relation does not have a corresponding rLRT_ROUTING tuple where RLrembv_ri.rti=RLrt_routing.route_x.

Data Structures:

RLRT_ROUTING. Key field: route_x (route index).

RLREMBV_RI. Key fields: isat_idx (ISAT code index), rti (route index).

Action:

This is a database inconsistency that will cause the call to be torn down and the ISAT will get reorder tone. This inconsistency can only be corrected through manual action. Use RC/V View 10.2 (ROUTE INDEX) to insert the

rIRT_ROUTING tuple for the rrti obtained from the RLREMBV_RI relation. If the data is populated correctly, contact your next level of support.

467. FCNOTATDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not insert rITATDB tuples while converting the office to advanced services platform (ASP) 0.1B service. This may result in blocked ASP terminating attempt trigger calls or ASP calls reporting BLNA events.

Data Structures:

RLTATDB.

Action:

Use RC/V View 8.17 (DIRECT SIGNALING APPLICATION) to delete then re-insert the form keyed by CCAINR01.

468. FCNOTGTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services digital network (ISDN) attendant (ISAT) remote busy verification error occurred. The trunk group number (grpnum) read from the RLRT_ROUTING relation that corresponds to the remote route index (rrti) read from the RLREMBV_RI relation, does not have an rITGOATT tuple.

Data Structures:

RLTGTOATT. Key field: grpnum.

RLREMBV_RI. Key fields: isat_idx, rti, rrti.

The key values grpnum, isat_idx (ISAT code index), rti (route index), and rrti (remote route index) will be printed on the ROP.

Action:

This is a database inconsistency that causes the call to be torn down and the ISAT will get the reorder tone. This inconsistency can only be corrected through manual action.

Use RC/V View 5.1 (TRUNK GROUP) to enter the ISAT multi-line hunt group (MLHG) value that will associate the busy verify trunk (grpnum) with the ISDN attendant corresponding to the isat_idx read from the RLREMBV_RI relation. If the data is populated correctly, contact your next level of support.

469. FCNPAMAPTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local access and transport area (LATA) mapping was active and attempted on a customer dialed call, but the originating number (back number) NPA and NXX were not populated in the RLFCNPAMAP base relation.

Data Structures:

RLFCNPAMAP. Key fields: back number NPA, back number NXX.

Glatmap (global parameter)

Action:

The data printed on the ROP includes the back number NPA and the back number NXX for the rIFCNPAMAP tuple that is not populated. Use RC/V View 26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) to add the

missing tuple.

-OR-

If LATA mapping is not required on this switch, it can be turned off by using RC/V View 8.9 (OSPS OFFICE PARAMETERS). The LATA MAP field is Y (Yes) for performing LATA mapping and N (No) when no LATA mapping should be performed.

470. FCNPASRC (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The numbering plan area (NPA) SOURCE field was not populated for this primary rate interface (PRI) trunk and CALLING PARTY SCREENING is turned on for the trunk. In order to screen seven digit calling party numbers, an NPA must be prefixed. This field tells where to get the NPA, so it must be populated when screening is turned on.

Data Structures:

RLEDSLTRKG: key field: grpnum.

Action:

Use RC/V to populate this data in the NPA SOURCE field on View 5.1 (TRUNK GROUP).

471. FCNPTMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The FCptmodel() function encountered an unknown parent model ID. The parent model ID will be dumped on the ROP for analysis.

472. FCNS_ALGT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A full global title value could not be determined by the service switching point (SSP) when formulating a query message. The alternate global title is missing in the RLNS_TRIG relation. The call will fail.

Data Structures:

RLNS_TRIG. Key field: trigger number.

Action:

The alternate global title information is missing; this must be corrected by manual action. The missing alternate global title may need to be inserted in the RLNS_TRIG relation with the given trigger number.

Insert an alternate global title via RC/V View 9.35 (NETWORK SERVICE TRIGGERS) using the trigger number as the key or change the trigger number associated with this call using the appropriate procedure below.

(A) If a DN is printed:

The digit analysis selector (DAS) and the digits are used to determine the trigger number associated with the call. The DAS is used as the key to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). The information from this view and the digits are used to read the digit analysis RC/V views: View 9.2 (PREFIX/FEATURE DIGIT), View 9.3 (LOCAL DIGIT), View 9.5 (INCOMING TRUNK DIGITS), View 9.6 (IDDD COUNTRY ACCESS CODE), View 9.9 (REMAINING DIGIT), View 9.13 (IDP DIALED CODE ASSIGNMENT), or View 9.15 (MULTIPLE LOCAL DIGITS).

- (B) If the TRIGTYPE is OHD (Off Hook Delay):
The trigger number associated with the OHD feature can be changed. Use the trunk group and member as a key to RC/V View 5.11 (BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)) to obtain the feature. Using the feature and trunk group and member as a key to view 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) the OHD trigger number can be changed to one which has an alternate global title. Another option is to use the trunk group as a key to RC/V View 5.1 (TRUNK GROUP), and populate a BILLING DN for this private facility (PF) trunk.
- (C) If the TRIGTYPE is shared interoffice trunk (SIT):
The digit analysis selector (DAS) can be used to determine the incoming trunk digit (INC DIT) table. The INC DIT along with the OZZ code can be used to access RC/V View 9.5 (INCOMING TRUNK DIGITS) and change the trigger number. Another option is to change the outgoing trunk in the originating network access point (NAP) office so that a charge number or ANI is signalled.
- (D) If the TRIGTYPE is originating busy line (OBL) or originating no answer (ONA):
The trigger number associated with the OBL or ONA trigger does not have a valid alternate global title. If this is an office-wide OBL or ONA trigger, use RC/V View 8.49 (ASP PARAMETERS) to change the ORIG BL TRIG or ORIG NA TRIG to a trigger number which has an alternate global title. If this is a provisioned OBL or ONA trigger for the originating port, use RC/V View 1.64 to change the OBL or ONA to a trigger number which has an alternate global title.

473. FCNS_ALGT (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A full global title value could not be determined by the service switching point (SSP) when formulating a query message. The alternate global title is missing in the RLNS_TRIG relation. The call will fail.

Data Structures:

RLNS_TRIG. Key field: trigger number.

Action:

The alternate global title information is missing; this must be corrected by manual action. The missing alternate global title may need to be inserted in the RLNS_TRIG relation with the given trigger number.

Insert an alternate global title via RC/V View 9.35 (NETWORK SERVICE TRIGGERS) using the trigger number as the key or change the trigger number associated with this call via the appropriate procedure below.

- (A) If a DN is printed: The digit analysis selector (DAS) and the digits are used to determine the trigger number associated with the call. The DAS is used as the key to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). The information from this view and the digits are used to read the digit analysis RC/V views: View 9.2 (PREFIX/FEATURE DIGIT), View 9.3 (LOCAL DIGIT), View 9.5 (INCOMING TRUNK DIGITS), View 9.6 (IDDD COUNTRY ACCESS CODE), View 9.13 (IDP DIALED CODE ASSIGNMENT), or View 9.15 (MULTIPLE LOCAL DIGITS).
- (B) If the TRIGTYPE is off hook delay (OHD): The trigger number associated with the OHD feature can be changed. Use the trunk group and member as a key to RC/V View 5.11 [BRCS FEATURE ASSIGNMENT (TRUNK MEMBER)] to obtain the feature. Using the feature and trunk group and member as a key to view 5.64 (ADVANCED SERVICES PLATFORM TRUNK PARAMETERS) the OHD trigger number can be changed to one which has an alternate global title. Another option is to use the trunk group as a key to RC/V View 5.1 (TRUNK GROUP), and populate a BILLING DN for this private facility (PF) trunk.
- (C) If the TRIGTYPE is shared interoffice trunk (SIT): The digit analysis selector (DAS) can be used to determine the incoming trunk digit (INC DIT) table. The INC DIT along with the OZZ code can be used to access RC/V

view 9.5 (INCOMING TRUNK DIGITS) and change the trigger number. Another option is to change the outgoing trunk in the originating network access point (NAP) office so that a charge number or ANI is signaled.

474. FCNSOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the Glnsdbavl global parameter to DBNO when removing private virtual network (PVN) service from this office. This problem results in wasted audit time in auditing a structure that is no longer used.

Action:

Use RC/V (or ODBE, if necessary) to update the Glnsdbavl global parameter to DBNO on the SM that originated this assert.

475. FCNSON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the Glnsdbavl global parameter to DBYES when adding private virtual network (PVN) service to this office. This problem results in rINSDB tuples not being audited.

Action:

Use RC/V (or ODBE, if necessary) to update the Glnsdbavl global parameter to DBNO on the SM that originated this assert.

476. FCNS_SCR (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIRT_SCRNING tuple is missing. The code destination index (CDI) key is not populated or populated incorrectly. The CDI must be populated when the trigger number is greater than 0. In this case, the call's charge index can not be determined. The call is torn down.

Data Structures:

RLRT_SCRNING. Key fields: code destination index, screening index, prefix dialed.

Action:

This is a database inconsistency that must be corrected by manual action. An rIRT_SCRNING tuple may need to be updated or inserted with the given keys.

If the rIRT_SCRNING tuple is missing, insert a tuple using RC/V View 10.10 (SCREENING (CHARGING)) using the CDI, screening index and prefix dialed as keys or change the CDI associated with this call via the appropriate digit analysis view. The digit analysis selector (DAS) and the digits are used to determine the CDI associated with the call.

The DAS is used as the key to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). The information from this view and the digits are used to read the digit analysis RC/V views: View 9.2 (PREFIX/FEATURE DIGIT), View 9.3 (LOCAL DIGIT), View 9.5 (INCOMING TRUNK DIGITS), View 9.6 (IDDD COUNTRY ACCESS CODE), View 9.9 (REMAINING DIGIT), or View 9.15 (MULTIPLE LOCAL DIGITS).

477. FCNS_SCR (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIRT_SCRNING tuple is missing. The code destination index (CDI) key is not populated or populated incorrectly. The CDI must be populated when the trigger number is greater than 0. In this case, the call's charge index can not be determined. The call is torn down.

Data Structures:

RLRT_SCRNING. Key fields: code destination index, screening index, prefix dialed

Action:

This is a database inconsistency that must be corrected by manual action. An rIRT_SCRNING tuple may need to be updated or inserted with the given keys.

If the rIRT_SCRNING tuple is missing, insert a tuple via RC/V View 10.10 (SCREENING [CHARGING]) using the CDI, screening index and prefix dialed as keys or change the CDI associated with this call via the appropriate digit analysis view. The digit analysis selector (DAS) and the digits are used to determine the CDI associated with the call.

The DAS is used as the key to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). The information from this view and the digits are used to read the digit analysis RC/V views: View 9.2 (PREFIX/FEATURE DIGIT), View 9.3 (LOCAL DIGIT), View 9.5 (INCOMING TRUNK DIGITS), View 9.6 (IDDD COUNTRY ACCESS CODE), or View 9.15 (MULTIPLE LOCAL DIGITS).

478. FCNS_TRIG (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown application is in the RLNS_TRIG relation, an rINS_TRIG tuple is missing, or a mismatch exists between the application in the rINS_TRIG tuple and the advanced services platform (ASP) office type. In the case of an LNP trigger the rINS_TRIG tuple specifies an incorrect APPLICATION, AIN REL (i.e., protocol), or ASP TOLLFREE indicator or VPN trigger indicator.

The key for the rINS_TRIG tuple was obtained as a non-zero trigger number from the dialing plan associated with the digit analysis selector (DAS). In the first two cases, the call's application can not be determined. In all cases, the call is given standard switch error treatment.

Data Structures:

RLNS_TRIG. Key field: trigger number

Action:

This is a database inconsistency that must be corrected by manual action. An rINS_TRIG tuple may need to be updated or inserted with the given trigger number.

If the application is unknown, the application can be updated via RC/V View 9.35 (NETWORK SERVICE TRIGGERS) using the trigger number as the key.

If the rINS_TRIG tuple is missing, insert the tuple via RC/V View 9.35 using the trigger number as the key or change the trigger number associated with this call on the appropriate digit analysis view to an existing trigger number. The DAS and the digits are used to determine the trigger number associated with the call.

The DAS is used as the key to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). The information from this view and the digits are used to read the digit analysis RC/V views: View 9.2 (PREFIX/FEATURE DIGIT), View 9.3 (LOCAL DIGIT), View 9.5 (INCOMING TRUNK DIGITS), View 9.6 (IDDD COUNTRY ACCESS CODE), View 9.9 (REMAINING DIGIT) or View 9.15 (MULTIPLE LOCAL DIGIT).

If a mismatch exists between the application and the ASP office type, change the application for the given trigger number via RC/V View 9.35 or correct the ASP office type via RC/V View 8.49 (ASP PARAMETERS).

In the case of an LNP trigger data error the APPLICATION is not ASP, or the AIN REL is not R0D1, or the ASP TOLLFREE indicator is Y, or VPN trigger indicator is Y. Use RC/V View 9.35 to correct these values.

479. FCNS_TRIG (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown application is in the RLNS_TRIG relation, an rINS_TRIG tuple is missing, or a mismatch exists between the application in the rINS_TRIG tuple and the advanced services platform (ASP) office type. In the case of an LNP trigger the rINS_TRIG tuple specifies an incorrect APPLICATION, AIN REL (i.e., protocol), or ASP TOLLFREE indicator.

The key for the rINS_TRIG tuple was obtained as a non-zero trigger number from the dialing plan associated with the digit analysis selector (DAS). In the first two cases, the call's application can not be determined. In all cases, the call is given standard switch error treatment.

Data Structures:

RLNS_TRIG. Key field: trigger number

Action:

This is a database inconsistency that must be corrected by manual action. An rINS_TRIG tuple may need to be updated or inserted with the given trigger number.

If the application is unknown, the application can be updated using RC/V View 9.35 (NETWORK SERVICE TRIGGERS) using the trigger number as the key.

If the rINS_TRIG tuple is missing, insert the tuple using RC/V View 9.35 using the trigger number as the key or change the trigger number associated with this call on the appropriate digit analysis view to an existing trigger number. The DAS and the digits are used to determine the trigger number associated with the call.

The DAS is used as the key to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). The information from this view and the digits are used to read the digit analysis RC/V views: View 9.2 (PREFIX/FEATURE DIGIT), View 9.3 (LOCAL DIGIT), View 9.5 (INCOMING TRUNK DIGITS), View 9.6 (IDDD COUNTRY ACCESS CODE), or View 9.15 (MULTIPLE LOCAL DIGIT).

If a mismatch exists between the application and the ASP office type, change the application for the given trigger number using RC/V View 9.35 or correct the ASP office type via RC/V View 8.1 (OFFICE PARAMETERS).

In the case of an LNP trigger data error the APPLICATION is not ASP, or the AIN REL is not R0D1, or the ASP TOLLFREE indicator is not N. Use RC/V View 9.35 to correct these values.

480. FCNULPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A macro called to retrieve a portname has failed to to successfully read either RLFC_PORTTYP or RLCKT_PORT. The calling function or macro was returned a value of GLNULPORT. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

481. FCOAEXMAPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLOAEXMAP base relation in the intermediate switching point (ISP) feature.

482. FCOFFICECODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rOFFICECODE tuple is missing or an invalid key was used to read the relation. Incomplete information will be displayed on an integrated services digital network (ISDN) terminal that received a forwarded call.

Data Structures:

RLOFFICECODE. Key field: noc.

Items printed on the ROP are the NOC (key used to read the rOFFICECODE tuple), PORT [port where the call terminated (alerts) that caused the assert; SM where this port resides is printed with the assert number], CALLING DN [directory number (DN) that originated the call], ICI (ISDN call identifier indicating the type of call; a call forwarding ICI indicates the first reason for forwarding), LAST CF BASE LTM_IDX (logical termination index for the last DN performing the call forwarding), LAST CF BASE LTM_TYPE (logical termination type for the last DN performing the call forwarding), and LAST CF BASE SM (SM where the primary DN's port is located which performed the last call forwarding).

Action:

Determine if an rOFFICECODE tuple is missing.

1. The noc used to read the rOFFICECODE tuple is retrieved from the rINOCCODE tuple during digit analysis and routing. If the noc does not exist in the rINOCCODE tuple, then the noc printed on the ROP is an invalid key generated to read the rOFFICECODE tuple.

Determine if the noc printed on the ROP was retrieved from the rINOCCODE tuple. The key to rINOCCODE is the nxx (i.e., officecode) and is an unknown. The tuple that contains the noc printed on the ROP must be found indirectly by searching the content (i.e., noc attribute) of each rINOCCODE tuple.

Use ODBE to perform a batch read into temporary files for the RLNOCCODE relation in the CMP and all SMs. Search the temporary files for one tuple within each relation per processor (must only be one tuple per relation) that contains the noc printed on the ROP. If desired because of too many SMs, choose 1 or 2 processors to perform the batch read, but ideally all processors should be verified because RLNOCCODE is a redundant relation.

2. If an rINOCCODE tuple is not found on the CMP or SMs, then an invalid key was used to read the RLOFFICECODE relation. A trouble report should be filed.

3. If an rINOCCODE tuple is found on the CMP and SMs, the tuple should be identical on all processors. Verify that the attributes of the tuple are valid for the noc. Use the information associated with the noc in the rINOCCODE tuple to insert an rOFFICECODE tuple using ODBE.

4. Determine if other processors (i.e., AM, CMP, SMs) have a missing rOFFICECODE tuple. RLOFFICECODE is a redundant relation on the AM, CMP, and all SMs. Use ODBE to verify that the rOFFICECODE tuple of interest is identical on all processors for the noc printed on the ROP.

If the information for the noc could not be obtained as explained in these steps, file a trouble report.

483. FCOHICSD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The advanced services platform (ASP) off-hook immediate (OHI) trigger references a trigger that is only defined for circuit switch data (CSD). OHI must be provisioned with a trigger that allows circuit switch voice (CSV). The origination will ignore the OHI trigger attempt and the call will continue as a non-ASP call.

Data Structures:

RLASP_PORT.

RLNS_TRIG.

Action:

The assert will print the originating telephone number (TN), port (PORT and MODULE), and OHI trigger number (TRIGGER NUMBER) referenced in the ASP originating feature that is assigned to the originating terminal. Update RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) keyed with TRIG NBR equal to the TRIGGER NUMBER value printed in the assert. Update SERVICE ALWD to be VOICE or BOTH. Alternatively, use the TN (telephone number) from the assert as a key to RC/V View 1.11 (BRCS FEATURE ASSIGNMENT) to find the assigned BRCS ASP originating feature (such as, /ASPORIG). Update RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) keyed by BRCS ASP originating feature from RC/V View 1.11 and the TN. Update the OHI trigger number (TRIG NBR) with a trigger that allows voice. RC/V View 9.35 defines the trigger number.

484. FCOPRTKFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLFC_OPRTK base relation in the intermediate switching point (ISP) feature.

485. FCOPRTKREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFC_OPRTK relation could not be found in the database. An attempt was made to obtain information about an operator trunk.

Data Structures:

RLFC_OPRTK. Key field: tgroup.

The tgroup (trunk group) field is from the RLFC_TRUNK relation which is accessed by the port number.

Action:

Add the RLFC_OPRTK relation according to RC/V procedures.

486. FCOPRTKTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLFC_OPRTK tuple is missing. An attempt was made to obtain information about an operator trunk. The tuple for the specific operator trunk group could not be found.

Data Structures:

RLFC_OPRTK. Key field: tgroup.

The tgroup (trunk group) key is from the RLFC_TRUNK relation which is accessed by the port number.

Action:

Use RC/V (or ODBE, if necessary) to crosscheck the key set used to access the RLFC_OPRTK relation with the actual keys for the relation. Verify that this tuple does or does not exist. Add the tuple if it is missing.

487. FCOSLNGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The user supplied operating system for distributed switching (OSDS) message was too long.

488. FCOSWTFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The feature execution (FEX) message receiver received an unexpected error code from the OSWGETTYPE() macro while waiting for an FCWGETTYPE() macro specific message.

489. FCPAORAF (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A phrase overflow occurred while constructing the phrase array for announcements.

Data Structures:

The following data will be dumped: ann_id: the announcement ID.

Action:

The specified announcement ID causes the phrase array overflow. The combination of phrases and digit commands causes the total number of phrases to be greater than allowed. Redefine the announcement to get the total number of phrases down.

490. FCPCC_CC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

(PCC) (3 digits) or the country code (CC) (1-3 digits). The problem occurred in the second stage of the traditional 2-stage international outbound call. The PCC or the CC that was received is invalid, the relation is corrupt.

Data Structures:

The ROP output provides the dialed PCC or CC digits, one byte per digit (subtract hex 30 from each), and the incoming trunk-port.

Action:

Verify that the digits that were received include a valid PCC or CC. If the digits represent a valid PCC or CC and a corresponding rIFCCPCC_CC tuple does not exist, use RC/V View 9.18 (PAIRED COUNTRY CODE (PCC)/COUNTRY CODE [CC]) to add the tuple.

If the digits do not represent a valid PCC or CC, then the outpulsing office may be sending invalid digits.

then the relation must be corrupt. Check the relation and re-create it by using RC/V View 9.18 (or ODBE, if necessary).

491. FCPCLSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dynamic database read occurred during call processing. The feature control (FC) feature execution (FEX) environment received an error return code from a dynamic access (DA) primitive. The linkage in the process control block link area (PCBLA) to call leg data block (CLDB) set may be corrupted. FEX could not recover from this error.

492. FCPEDSGRP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rEDS_GRP tuple is missing. The calling name on PRI feature is assigned, but the defined EDS group is not found. The information displayed on the ROP includes the EDS_GRP tuple that was unmatched, the module, and the PRI group.

Data Structures:

RLEDSTRKG. Key field: grpnum.
 RLED_GRP. Key field: eds_grpid.

The first variable on the ROP output is the unmatched EDS group tuple. The other variable identifies the PRI group number ID that has the invalid EDS group ID. All variables are in decimal.

Action:

This is a database inconsistency that can only be corrected by manual action.

Use RC/V View 5.1 (TRUNK GROUP) and RC/V view 4.38 (ELECTRONIC DIRECTORY SERVICE) to verify correct data was entered. Check with ODBE that the correct rEDS_GRP tuple is on the affected SM. If not, insert the tuple. One can then examine the other SMs that use the given rEDS_GRP to confirm the data.

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

493. FCPEDSGRP (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rEDS_GRP tuple is missing. The Calling Name on PRI Feature is assigned, but the defined EDS group is not found. The information displayed on the ROP includes the EDS_GRP tuple that was unmatched, the Module, and the PRI group.

Data Structures:

RLEDSTRKG. Key field: grp_num.
 RLED_GRP. Key field: eds_grp.

The first variable on the ROP output is the unmatched EDS group tuple. The other variable identifies the PRI Group number ID that has the invalid EDS Group ID. All variables are in decimal.

Action:

This is a database inconsistency that can only be corrected by manual action.

Use RC/V View 5.1 (TRUNK GROUP) and RC/V view 4.38 (ELECTRONIC DIRECTORY SERVICE) to verify correct data was entered. Check with ODBE that the correct rIEDSL_GRP tuple is on the affected SM. If not, insert the tuple. One can then examine the other SMs that use the given rIEDS_GRP to confirm the data.

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

494. FCPFCPECOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trunk class of service (COS) was not set to private facility customer premises equipment trunks (PFCPE), although signal conversion is set to Yes and the signal conversion time is set to 0.

Data Structures:

RLFC_PORTTYP. Key fields: member, module, cos.

Action:

If signal conversion is needed, change the signal conversion time found in RC/V View 7.1 (PRIVATE FACILITIES GROUP) from 0 to a digit ranging from 4 to 12. Otherwise, change the signal conversion in View 7.1 from Yes to No.

If signal conversion with the signal conversion time set to 0 is desired, change the trunk class of service found in RC/V View 5.1 (TRUNK GROUP) to PFCPE. This configuration is reserved for the recorded telephone dictation feature only.

495. FCPF_CT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-senderized (cut-through) outpulsing was attempted without setting the cut-through bit.

Data Structures:

RLFCLTRUNK. Key field: port.

Action:

Use RC/V View 5.1 (TRUNK GROUP) to change the cut-through bit (CUTTHRU) from N to Y.

496. FCPF_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPF_GP relation, a failure code of DBNO_MATCH was returned. An rIPF_GP tuple is missing, the keys used to read this relation were not set properly, or an invalid access code was dialed.

Data Structures:

RLPF_GP. Key fields: group ID, dial code.

Action:

This is a database inconsistency that can only be corrected by manual action.

497. FCPFNONCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A private facilities access (PFA) senderized dial code was used to route to a non-senderized (cut-through) trunk. This call may result in one way transmission.

Data Structures:

RLFC_LINE. Key field: port.

RLPF_GROUP. Key fields: pf_gpid, dial_code.

Action:

If the intent is to make a non-senderized call, change the DIG COL field in RC/V View 7.1 (PRIVATE FACILITIES GROUP) to N.

If the intent is to make a senderized call, change the CUTTHRU field in RC/V View 5.1 (TRUNK GROUP) to N.

498. FCPF_PARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPF_PARM relation, a failure code of DBNO_MATCH was returned. An rLPF_PARM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPF_PARM. Key fields: parameter ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

499. FCPF_PCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-senderized (cut-through) outputting is not supported with primary rate interface (PRI) facilities [extended digital service line (EDSL) trunks].

Data Structures:

RLPF_GP. Key fields: pf_gpid, dial_code.

RLFC_PORTTYP. Key fields: member, module, cos.

Action:

If cut-through outputting is desired, the trunk class (TRK CLASS) field on RC/V View 5.1 (TRUNK GROUP) must be changed from EDSL to PF, PFITT, PFCPE, or PFLASH.

If a PRI facility is desired, then a private facilities access (PFA) cut-through access code can not be used.

500. FCPF_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPF_PORT tuple is missing that is keyed with the logical port (lport) and logical port type (lpt_type).

Data Structures:

RLPF_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this

relation - lport and lpt_type.

Action:

The private facility access (PFA) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the PFA feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLPF_PORT relation where RLpf_port.lport=RLfc_line.lport and RLpf_port.lpt_type=RLfc_line.lpt_type.

An attempt to read the RLPF_PORT relation using the original (non-BFG) keys was made because the PFA feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). PFA is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rlpf_port tuple should exist for the original (non-BFG) keys. Insert the appropriate rlpf_port tuple.

501. FCPF_POVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal configuration was detected. Overlap outputpulsing was attempted over a primary rate interface (PRI) facility.

Data Structures:

RLPF_GP. Key fields: pf_gpid, dial_code.

RLPF_PARM. Key field: parm_id.

Action:

If a PRI facility [extended digital service line (EDSL) trunk] is required, change the overlap outputpulsing bit (OVLP OPLS) on RC/V View 7.1 (PRIVATE FACILITIES GROUP) from Y to N.

If overlap outputpulsing is required, change the trunk class (TRK CLASS) field on RC/V View 5.1 (TRUNK GROUP) from EDSL to PF, PFITT, or PFLASH.

502. FCPHDBER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not retrieve an rlpHDB tuple. The PHDB audit is scheduled and the code returns to the point of interrupt.

503. FCPNGRNG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to create the ISpnrng process failed. The process is created when attempting to "ping ring" an unbound terminal that has call forwarding assigned. This terminal will not ping ring, but the call will still forward.

504. FCPP_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line or trunk has the precedence and preemption (PP) feature assigned in the RLDN_FEATS relation and the data for the port is in the RLPP_LTM or RLPP_TRUNK relation, but there is no corresponding data in the RLPP_CF relation. When attempting to read the RLPP_CF relation, a failure code of DBNO_MATCH was returned. An rIPP_CF tuple is missing or the keys used to read the relation were not set properly.

Data Structures:

RLPP_CF. Key fields: port, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the precedence and preemption feature assignment data on the indicated line or trunk. For lines, see RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) or the RLDN_FEATS relation. For trunks, see RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation.

Obtain the keys to the RLDN_FEATS relation from the RLFC_LINE or RLPORT_GROUP relation. The output data shows the port by module and member as well as the feat_id that is associated with the port in the RLPP_LTM or RLPP_TRUNK relation. For lines, see RC/V View 1.31 (PRECEDENCE AND PREEMPTION LINE PARAMETERS) or the RLPP_LTM relation. For trunks, see RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation.

Corresponding feature description data should exist in the RLPP_CF relation for the feature that the assert indicates does not exist. See RC/V View 12.31 (PRECEDENCE AND PREEMPTION FEATURE DEFINITION) or the RLPP_CF relation.

505. FCPP_COI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICOI_GPID tuple is missing.

Data Structures:

RLCOI_GPID. Key field: destination index.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to verify the existence of an rICOI_GPID tuple for the destination index key from the ROP output. See RC/V View 10.32 (VERIFY PRECEDENCE AND PREEMPTION COMMUNITY OF INTEREST GROUP) or the RLCOI_GPID relation.

506. FCPP_COS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The port has the precedence and preemption feature assigned in the RLDN_FEATS relation, but the class of service from the RLFC_PORTTYP relation is invalid for the precedence and preemption feature.

Data Structures:

RLFC_PORTTYP. Key field: port.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the class of service assigned to the specified port. The output data shows the port by module and member as populated in the RLDN_FEATS relation. For lines, see RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINES) or the RL_DNFEATS relation. For trunks, see RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation.

The corresponding class of service is not valid for the precedence and preemption feature. For lines, see RC/V View 4.1 (LINE CLASS CODE) or the RLFC_PORTTYP relation. For trunks, see RC/V View 5.1 (TRUNK GROUP) or the RLFC_PORTTYP relation.

507. FCPP_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the rIPP_LTM relation, a failure code of DBNO_MATCH was returned. An rIPP_LTM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_LTM. Key fields: lead module, ltm index, ltm type.

Action:

This is a database inconsistency that can only be corrected by manual action.

508. FCPPSI04 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The precedence and preemption (PP) feature was assigned to the trunk, but the PP trunk type was incorrect.

Data Structures:

RLPP_TRUNK. Key fields: port, feat_id.

Action:

Use RC/V (or ODBE, if necessary) to examine the PP trunk type. See RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation for the specified port and feat_id. The output data shows the port by module, and the member as populated in the RLPP_TRUNK relation.

509. FCPP_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trunk has the precedence and preemption feature assigned in the RLDN_FEATS relation, but there is no corresponding data in the RLPP_TRUNK relation.

When attempting to read the RLPP_TRUNK relation, a failure code of DBNO_MATCH was returned. An rIPP_TRUNK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_TRUNK. Key fields: port, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the precedence and preemption feature assignment data on the indicated trunk. See RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation.

The output data shows the port by module, member, and feat_id from the RLDN_FEATS relation. Corresponding trunk parameter data should exist for that port. See RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation.

510. FCPRISTAT (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

An error occurred while accessing an rIPRISTAT tuple.

Probable Cause:

Missing or corrupt data in rIPRISTAT or the PCBLA (prigrp).

Action:

Assert and schedule the PRISTAT audit.

511. FCPUENTRY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PUENTRY	Audit Mode: elev

Problem:

Failed to link a RLPU_ENTRY tuple to one of the RLPU_QUEUE head cell lists or failed to traverse through the RLPU_ENTRY tuples linked to the RLPU_QUEUE head cell.

Probable Cause:

Linkage field corruption.

Action:

The RLPU_ENTRY key (puentkey) will be printed on the ROP and the AUPUENTRY audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

512. FCPUG_SM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPUG_SM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPUG_SM. Key field: queue.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLPUG_SM relation with the actual keys used to access the relation. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

This relation is updated by RC/V View 1.23 (CALL PICKUP LINE PARAMETERS).

513. FCPULTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPU_LTM relation, a failure code of DBNO_MATCH was returned. An rIPU_LTM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPU_LTM. Key fields: lead module, LTM index, LTM type, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

514. FCPUO_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPUO_CF relation, a failure code of DBNO_MATCH was returned. An rIPUO_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPUO_CF. Key field: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

515. FCPUO_ROUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPUO_ROUT tuple is missing that is keyed with the logical port (lport), logical port type (lpt_type), and pickup action (pu_act).

Data Structures:

RLFC_LINE, RLLPT_PT, RLPUO_ROUT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport, lpt_type, and pu_act.

Action:

The RLPUO_ROUT relation is accessed when the call pickup (CPU) feature is used to pickup code calling or loudspeaker paging calls. Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). CPU is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rIPUO_ROUT tuple should exist for the keys

printed on the ROP where RLpuo_rout.lport is RLfc_line.lport, RLpuo_rout.lpt_type is RLfc_line.lpt_type, and RLpuo_rout.pu_act is ACN_LSP or ACN_CCL. ACN_LSP is used for loudspeaker paging and ACN_CCL is used for code calling. Insert the appropriate rIPUO_ROUT tuple.

516. FCPU_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPU_PORT tuple is missing that is keyed with the logical port (lport) and logical port type (lpt_type).

Data Structures:

RLPU_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport, lpt_type, and the feature ID (FID).

Action:

The call pickup (CPU) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the CPU feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLPU_PORT relation where RLpu_port.lport is RLfc_line.lport, RLpu_port.lpt_type is RLfc_line.lpt_type, and RLpu_port.feaut_id is the CPU feature ID.

An attempt to read the RLPU_PORT relation using the original (non-BFG) keys was made because the CPU feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). CPU is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rIPU_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rIPU_PORT tuple.

517. FCPUQUEUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PUQUEUE	Audit Mode: elev

Problem:

Failed to access a RLPU_QUEUE tuple or access a RLPU_ENTRY tuple linked to a RLPU_QUEUE tuple.

Probable Cause:

Data corruption.

Action:

The RLPU_QUEUE key (queue) will be printed on the ROP and the APUQUEUE audit will be scheduled to run.

This is a returning assert and it is assumed that the software calling it can recover.

518. FCPUT_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPUT_CF relation, a failure code of DBNO_MATCH was returned. An rIPUT_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPUT_CF. Key field: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

519. FCPZEDSGPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PRI Trunk has the EDS CND feature assigned with an EDS group ID of zero. This PRI trunk group should have been assigned a non-zero EDS group ID at EDS CND feature assignment time.

Data Structures:

RLEDSL_TRKG. Key field: grp_num.

The variable on the ROP output is the PRI Trunk number (in decimal format) that is assigned with a zero EDS group ID.

Action:

This is a database inconsistency that can be corrected only by manual action. Determine the valid EDS group to assign to this PRI Trunk. RC/V View 4.38 (ELECTRONIC DELIVERY SERVICE GROUP PARAMETERS) can be used to determine valid EDS Group IDs. Assign valid EDS Group ID to the PRI Trunk using RC/V View 5.1 (TRUNK GROUP).

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

520. FCQDATNAVL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

The multi-line hunt group (MLHG) queue status feature button on a queue monitor console was pressed and MLHG queue status data is being collected. However, the MLHG queue status data in the dynamic relation RLQO_MLHG cannot be accessed. The key to the RLQO_MLHG relation is the MLHG number. A MGDISPFEAT message buffer is dumped; the group field contains the MLHG number.

The call processing affect is to display "Data unavailable for MLHG XXXX" on the queue monitor console customer premises equipment (CPE), where XXX is the MLHG number. The QO_MLHG audit is scheduled to run in the elevated mode. If the problem is in the RLQO_MLHG relation, this audit corrects the problem.

If this assert fires repeatedly, there is a static data inconsistency in the RLMONTOQ relation. The relation is keyed by the logical port (lport) of the MLHG queue monitor console and contains a list of MLHGs monitored by the MLHG queue monitor console and by the queuing SMs for these MLHGs. The MLHG number is invalid or the queuing SM

is incorrect.

If the MLHG number is invalid (no such MLHG), remove the MLHG from the RLMONTOQ relation. The MLHGs in this relation can be verified and/or removed via RC/V View 23.17 (DSL MONITOR FOR MLHG QUEUES). This view is keyed by the telephone number (TN) of the queue monitor console; or if the queue monitor console is a MLHG member, by the MLHG group and member number.

If the MLHG number is valid but the queuing SM is incorrect, correct the queuing SM. The correct queuing SM for a MLHG can be determined by examining the QUEUING SM field in RC/V View 3.40 (MODULAR QUEUING PARAMETERS) which is keyed by the MLHG number.

If the assert fires on an SM other than the queuing SM, then the queuing SM data in the RLMONTOQ relation is incorrect. Correct the queuing SM via RC/V View 23.17 (DSL MONITOR FOR MLHG QUEUES) by removing the MLHG from the queue monitor console list, updating the view, putting the MLHG back in the queue monitor console list, and updating the view again.

521. FCRASPIN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown initialization reason was passed to the remote access system process (RASP).

522. FCRBQBTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The distinctive ring type was invalid. The allowed types are A, B, C, or D.

Data Structures:

RLQU_RGBK. Key fields: portgrp.grpnum, portgrp.grptype.

The ring type field is rgbk.typ.

Action:

Check the ring type and make the necessary correction.

523. FCRCMULTIDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIRC_MULTIDN tuple is missing or an invalid key was used to read the relation. While a test set DN was assigned to a wireless handset a signal for message waiting indication was received. The message waiting indication data should be updated internally for both the test set and the wireless handset. This message indication may need to be relayed on to the wireless handset and the test set if its status has changed. If a problem occurs in attempting to read rIRC_MULTIDN then the wireless handset may not be properly updated with the correct status of its message waiting indicator.

Data Structures:

RLRC_MULTIDN. Key fields: locdn.

Action:

Determine if an rIRC_MULTIDN is missing. 1. Determine if a test set dn is still assigned to the wireless handset by running the op:testset command. If the test set is still assigned then follow step 2 otherwise follow step 3.

2. The noc and last 4 digits used to read rIRC_MULTIDN are retrieved initially from rIFC_LINE using the port and party value for the wireless handset/W port DN. Read the rIFC_LINE tuple corresponding to the wireless handset/W port DN and determine if the locdn is the same as shown for the locdn field of rIFC_LINE. If the values are different then data corruption occurred and an invalid key was used. If the values are the same then the rIRC_MULTIDN tuple is actually missing. The DB transaction for setting up the test set DN must have failed and not cleaned up.

3. If the test set dn was not assigned to the wireless handset then the tuple for rIFC_LINE should be read using the port and party value of the wireless handset/W port DN. Verify or set the multidn field to DBNO.

524. FCREDIRCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The redirect count in the isdn_data.history.redir_cnt field of the MGLN_TERM message is 0. When the call is forwarded, the redirection counter should be incremented before the IScfreminder() function is called. The IScfreminder() function is called when attempting to notify (reminder ring) a standard terminal that a call is being forwarded. This terminal will not be notified, but the call will still be forwarded.

525. FCRELAYMSGER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The POTS feature model failed to output an external message during a conference or transfer attempt. The requested destination process ID (PID) and the contents of the message buffer that should have been sent are printed on the ROP. The conference or transfer attempt will fail and the call will be preserved.

526. FCRERTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A code of GLFAIL was returned from the RTerte() function. The model data blocks (MDBs) and the process control block link area (PCBLA) associated with the process will be output to the ROP. Contact your next level of support.

527. FCRGLPRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was returned from an attempted read of a global parameter from within a transaction. No audit is available to correct the error.

528. FCRHHCE9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DARhhce9() failed to remove an enhanced 911 (E911) data block tuple rIE911DB from the head of the idle list. The call will not be torn down since the rIE911DB tuple is not critical for completing the call.

If this assert occurred in an originating terminal process (OTP), the OTP will not be able to alternate route the call since the alternate routing data could not be stored. Also, the selective transfer data will not be available to send to the terminating terminal process (TTP).

If this assert occurred in a TTP, the selective transfer data was not stored and the E911 attendant will not be able to do a selective transfer. Manual or fixed transfers will still work.

529. FCRTDNMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when the RLRTDNMOD relation was read. An rLRTDNMOD tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTDNMOD. Key fields: NOC, D4D3[0] (1000's digit), D4D3[1] (100's digit).

Action:

Verify that the keys printed on the ROP are valid. The normalized office code (NOC) must be in the range 0-250. If the keys are valid, use ODBE to verify that the rLRTDNMOD tuple does not exist, then insert the tuple. If the keys are not valid, file a trouble report.

530. FCRT_DNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when the RLRT_DNTRAN relation was read. An rLRT_DNTRAN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_DNTRAN. Key fields: NOC, digits.

Action:

Verify that the keys printed on the ROP are valid. The normalized office code (NOC) must be in the range 0-250. The digits key consists of 4 digits.

If the keys are valid, use ODBE to verify that the rLRT_DNTRAN tuple does not exist on the SM indicated on the ROP, then insert the tuple. If the keys are not valid, file a trouble report.

531. FCRTROUTING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A "not found" condition was returned when attempting to access the tuple pointed to by the routing index.

Data Structures:

RLRT_ROUTING. Key field: route_x.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLRT_ROUTING relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. This relation is updated by RC/V View 10.25 (ALTERNATE ROUTE INDEX) and View 10.2 (ROUTE INDEX).

532. FCRTSCRNFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLRT_SCRNING base relation in the intermediate switching point (ISP) feature.

533. FCRT_SCRNING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_SCRNING relation to get the charge index using the screen index, destination index, and prefix, a failure of DBNO_MATCH was returned. An rIRT_SCRNING tuple is missing for the screen index, destination index, and prefix specified. For a coin line, the call will be terminated gracefully and the coin will be returned to the customer.

Data Structures:

RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.

Action:

The destination index and the prefix are the results of digit analysis. The screening index is from the rIFC_LINE tuple for the particular line. Use RC/V (or ODBE, if necessary) to cross-check the keys for correctness. If the rIRT_SCRNING tuple is missing, use RC/V View 10.11 (SCREENING) or ODBE for the RLRT_SCRNING relation to add the tuple.

534. FCRT_TG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_TG relation, a failure code of DBNO_MATCH was returned. The rIRT_TG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_TG. Key field: tgid.

Action:

Use RC/V View 4.4 (TERMINAL GROUP ATTENDANT AND DATA) to insert the rIRT_TG tuple.

535. FCSASINV (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The service announcement system (SAS) announcement port is requested to activate a function which is not allowed. A SAS announcement port is capable to activate those functions which are in agreement with the service class of the announcement trunk.

Action:

Most likely the (alternate) route index used with the special route ID, is directing to the wrong announcement trunk.

536. FCSCALTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCA_LTM relation, a failure code of DBNO_MATCH was returned. An rLSCA_LTM tuple is missing or the keys used to read this relation were not set properly. The key values ltm_type and ltm_index will be printed on the (ROP).

Data Structures:

RLSCA_LTM. Key fields: ltm_type, ltm_index.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call acceptance (SCA)/computer access restriction (CAR) feature, no action is required.

Otherwise, this is database inconsistency that can only be corrected by manual action. Contact your next level of support.

537. FCSC_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSC_CF relation, a failure code of DBNO_MATCH was returned. An rISC_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLSC_CF. Key field: feature ID.

Action:

Use ODBE in the CMP to find the corresponding tuple in the RLSC_OPTS relation. Use the feature ID from the ROP output as the key to this relation.

If the rISC_OPTS tuple exists, use the information from this tuple to populate the rISC_CF tuple keyed by the same feature ID. The RLSC_CF relation is on the SM indicated in the ROP output.

If the rISC_OPTS tuple does not exist, use RC/V View 12.51 (SPEED CALLING FEATURE DEFINITION) to define the speed calling feature. If there is a problem with this feature definition, contact the next level of support.

538. FCSCFLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCF_LTM relation, a failure code of DBNO_MATCH was returned. An rISCFLTM tuple is missing or the keys used to read this relation were not set properly. The key values ltm_type and ltm_index will be printed on the ROP.

Data Structures:

RLSCF_LTM. Key fields: ltm_type, ltm_index.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call forwarding (SCF) feature, no action is required.

Otherwise, this is database inconsistency that can only be corrected by manual action. Contact your next level of support.

539. FCSCM_NSCM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLSCM_NSCM tuple is missing or the keys used to read this relation are incorrect.

Data Structures:

RLSCM_NSCM. Key fields: ltm_idx, ltm_type.

RLIS_LINE. Key fields: lead_module, ltm_idx.

RLFC_LINE. Key fields: port, party.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data on the SM identified on the ROP output. Determine if the series completion (SC) feature is assigned on this line.

1. If the ltm_type key printed on the ROP is LTM_ISDN, read the RLIS_LINE relation using as keys the ltm_idx key from the ROP and the SM number printed on the ROP for the lead_module key. If the rLIS_LINE tuple's sercomp bit is set to DBYES, then SC is assigned.

2. If the ltm_type key from the ROP is LTM_OTHER, read the RLLTM_PORT relation using the ltm_idx key printed on the ROP. Use the RLltm_port.port and RLltm_port.party attributes as keys to read the RLFC_LINE relation. If the rLFC_LINE tuple's sercomp bit is set to DBYES, then the SC feature is assigned.

If the SC feature is assigned, then an rLSCM_NSCM tuple should exist. Insert the appropriate tuple.

If the SC feature is not assigned, contact the next level of support.

540. FCSCPDAS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are two possible problems that this assert addresses:

- (1) An rIDA_DIGSTRT tuple is missing. An advanced services platform (ASP) or service switching point (SSP800) call was placed that resulted in a query to an external switching control point (SCP) database. The database returned routing digits to route the call. During translation of these digits, an rIDA_DIGSTRT tuple was discovered missing.

The global parameter Glscp_das is used as the digit analysis selector (DAS) to translate the routing digits that were returned from the SCP database for ASP. The global parameter GI800_das is used as the DAS to translate the routing digits that were returned from the SCP database for SSP800.

- (2) For an EON2 Call, one of the EON DAS fields is not populated on RC/V View 8.49 (ASP PARAMETERS). For APN calls, the EON APN DAS field (Gleonapn_das) must be populated. For local calls, the EON LOCAL DAS field (Gleonloc_das) must be populated. For toll calls, the EON TOLL DAS field (Gleontolldas) must be populated.

Data Structures:

RLDA_DIGSTRT.

Action:

Check the global parameter Glscp_das to verify that its value is not null for ASP. If it is null, call the office engineer and ask what the value for Glscp_das should be for your office. Add this value to RC/V View 8.49 (ASP PARAMETERS). This DAS value should correspond to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR).

Check the SSP800 global parameter GI800_das value. A null (zero) value indicates that no SSP800 translation DAS should be used. If it is not null, this DAS value should correspond to RC/V View 9.1. Add the DAS value to RC/V View 8.49.

For EON calls, check the values of EON APN DAS, EON LOCAL DAS and EON TOLL DAS on RC/V View 8.49. If these values are null, call the office engineer and ask what the values should be for these fields. Update these values on RC/V View 8.49 (ASP PARAMETERS).

541. FCSCP DAS (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIDA_DIGSTRT tuple is missing. An advanced services platform (ASP) or service switching point (SSP800) call was placed that resulted in a query to an external switching control point (SCP) database. The database returned routing digits to route the call. During translation of these digits, an rIDA_DIGSTRT tuple was discovered missing.

The global parameter Glscp_das is used as the digit analysis selector (DAS) to translate the routing digits that were returned from the SCP database for ASP. The global parameter Gl800_das is used as the DAS to translate the routing digits that were returned from the SCP database for SSP800.

Data Structures:
RLDA_DIGSTRT.

Action:

Check the global parameter Glscp_das to verify that its value is not null for ASP. If it is null, call the office engineer and ask what the value for Glscp_das should be for your office. Add this value to RC/V View 8.49 (ASP PARAMETERS). This DAS value should correspond to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR).

Check the SSP800 global parameter Gl800_das value. A null (zero) value indicates that no SSP800 translation DAS should be used. If it is not null, this DAS value should correspond to RC/V View 9.1. Add the DAS value to RC/V View 8.49.

542. FCSCP DAS (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIDA_DIGSTRT tuple is missing. An advanced services platform (ASP) or service switching point (SSP800) call was placed that resulted in a query to an external switching control point (SCP) database. The database returned routing digits to route the call. During translation of these digits, an rIDA_DIGSTRT tuple was discovered missing.

The global parameter Glscp_das is used as the digit analysis selector (DAS) to translate the routing digits that were returned from the SCP database for ASP. The global parameter Gl800_das is used as the DAS to translate the routing digits that were returned from the SCP database for SSP800.

Data Structures:
RLDA_DIGSTRT.

Action:

Check the global parameter Glscp_das to verify that its value is not null for ASP. If it is null, call the office engineer and ask what the value for Glscp_das should be for your office. Add this value to RC/V View 8.1 (GLOBAL PARAMETERS). This DAS value should correspond to RC/V View 9.1 (DIGIT ANALYSIS SELECTOR). Check the SSP800 global parameter Gl800_das value. A null (zero) value indicates that no SSP800 translation DAS should be used. If it is not null, this DAS value should correspond to RC/V View 9.1. Add the DAS value to RC/V View 8.1.

543. FCSC_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISC_PORT tuple is missing that is keyed with the logical port (lport), the logical port type (lpt_type), and the feature ID.

Data Structures:

RLSC_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport, lpt_type, and feature ID.

Action:

A one-digit or two-digit speed calling (SC) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the SC feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLSC_PORT relation where RLsc_port.lport is RLfc_line.lport and RLsc_port.lpt_type is RLfc_line.lpt_type.

The feature ID is also a key to the RLSC_PORT relation, regardless of whether the feature was assigned via a BFG.

An attempt to read the RLSC_PORT relation using the original (non-BFG) keys was made because the data indicates that the SC feature is assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the following data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). SC is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rISC_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rISC_PORT tuple.

544. FCSCRANG (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISC_RANGE tuple is missing or the keys (pbx_id and tuple_idx) used to read this relation are wrong. This problem does not affect the call.

Data Structures:

RLSC_RANGE. Key fields: pbx_id, tuple_idx.

RLFC_TRUNK. Key fields: port.module, port.member.

RLRT_TRKG. Key field: tgroup.

RLGROUP_PORT. Key fields: tgroup, member.

Action:

The following steps are a series of checks to determine if the problem was caused by a software error or a data error. If the problem was caused by a software error, contact your next level of support and give them the

information you have collected to that point.

If the problem was caused by a data error, consult the population rules to double check and/or correct the error. Use caution when dealing with the population rules as the relations mentioned above are networked, and changing one incorrectly can have a detrimental effect on others.

1. Use RC/V View 7.5 (CALLING PARTY NUMBER SCREENING RANGES) to review the RLSC_RANGE relation using the pbx_id and tuple_idx obtained from the ROP as keys.
2. Count the number of ranges in View 7.5 and, using the tuple_idx obtained from the ROP, verify that the following equation is true: $\text{number of ranges} \geq (5 * \text{tuple\_idx})$. If the equation is false, there is a software error; contact your next level of support. If the equation is true, go to the next step.
3. Using the tgroup value obtained from the ROP as they key, review RC/V View 5.1 (TRUNK GROUP) to see if the pbx_id found there matches the pbx_id used in View 7.5.
 - a. If the pbx_id values do not match, there is a data error.
 - b. If the pbx_id values match, use ODBE to read the RLGROUP_PORT relation (using the tgroup and port.member obtained from the ROP as keys) and see if the extended digital subscriber line (EDSL) trunk group member is in the SM that the assert fired from. If it isn't, there is a software error; contact your next level of support. If it is, there is a data error.

545. FCSCRLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCR_LTM relation, a failure code of DBNO_MATCH was returned. An rlSCR_LTM tuple is missing or the keys used to read this relation were not set properly. The key values ltm_type and ltm_index will be printed on the ROP.

Data Structures:

RLSCR_LTM. Key fields: ltm_type, ltm_index.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective call rejection (SCR) feature, no action is required.

Otherwise, this is database inconsistency that can only be corrected by manual action. Contact your next level of support.

546. FCSDALTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSDA_LTM relation, a failure code of DBNO_MATCH was returned. An rlSDA_LTM tuple is missing or the keys used to read this relation were not set properly. The key values ltm_type and ltm_index will be printed on the ROP.

Data Structures:

RLSDA_LTM. Key fields: ltm_type, ltm_index.

Action:

If this assert occurs when an end user is in a screen list editing (SLE) session and recent changes (RCs) are being performed to insert, update, or delete the end user's access to the selective distinctive alerting (SDA) feature, no action is required.

Otherwise, this is database inconsistency that can only be corrected by manual action. Contact your next level of support.

547. FCSDNBDBF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the RLBRCSDb relation failed to return the current processor ID (OSpdb.procno).

548. FCSDNBRET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An unexpected return code was received from the FCtrhdlr() function which is communicating with an external network control point (NCP) database. The transaction data buffer will be dumped.

549. FCSDNFFINTF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Call processing to transaction handler interface problems occurred. A transaction initialization was requested by call processing without passing route request and/or D-channel data block (DCDB) buffers. The process control block link area (PCBLA) is dumped.

550. FCSDNFINTF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The transaction handler received an invalid call status from call processing in the interface buffer. The interface buffer is dumped and the terminal process causing the call to be torn down is purged.

551. FCSENDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the OSSENDMSG() macro failed because the message was too long or the destination process ID was invalid. The destination process ID and the message header are printed on the ROP.

552. FCSHRINCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in the RLSHTERM relation. This relation contains the associated terminal information for a shared directory number (DN) plus the lead port information. The lead port is the primary terminal where the DN is located. Each rLSHTERM tuple holds up to four entries of shared terminal information.

The shtm_cnt attribute in the first rLSHTERM tuple (range 0) indicates the number of shared DNs that are associated

with the lead port DN (primary DN). The shared1 attribute of the first tuple (range 0) is associated with the lead port DN and the shared2 through shared4 attributes are associated with shared DNs. The shtm_cnt values should be from 1 to 7. If there are more than three shared DNs, a second tuple (range 1) should exist. The second tuple contains only shared DN information.

An attempt to read the second rLSHTERM tuple (range=1) failed. The shtm_cnt count was greater than three. The second rLSHTERM tuple is missing or the shtm_cnt value in the first tuple is incorrect.

If this problem occurs during a call, the call will be torn down.

Data Structures:

RLSHTERM. Key fields: lead_module, range, ltm_idx.

The ROP output provides the LEAD_MODULE (lead module of lead lport), the RANGE (a number from 0-1 used to distinguish the two tuples, should always be 1), and the LTM_IDX (logical termination index).

Action:

Execute the following static data audit command on the master control center (MCC):

EXC:SODD,ISDN,KY,SM=1&&192,OUTFILE=filename (where "filename" is the name of the log file typed in upper case).

If there are more than three shared DNs (shtm_cnt>3), use the output from the log file "filename" and ODBE to insert the second rLSHTERM tuple with the correct attributes.

If the log file "filename" indicates that there are no other DNs shared, use ODBE to update the shtm_cnt attribute of the range 0 rLSHTERM tuple on the SM which fired this assert.

If the data from the log file "filename" does not provide enough information to reconstruct the range 1 rLSHTERM tuple, contact your next level of support.

553. FCSHTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSHTERM relation, a failure code of DBNO_MATCH was returned. The rLSHTERM tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLSHTERM. Key fields: lead module, LTM index, range.

Action:

This is a database inconsistency that can only be corrected by manual action.

554. FCSHTRMCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a shared directory number (DN) feature and this problem is service affecting. The call will be torn down. The shtm_cnt field (the total number of associated terminals sharing this DN) in an rLSHTERM tuple is invalid. This number should be greater than or equal to one.

Data Structures:

RLSHTERM. Key fields: lead_module, ltm_idx, range, shtm_cnt.

Action:

This is database inconsistency that can be corrected by manual action. Use RC/V View 23.20 (PRIMARY OR SECONDARY ONLY KEY SYSTEM) to delete all the shared DN members, then recreate the shared DN members.

This action is suggested because the RLSHTERM relation is group partitioned, and its validity is not certain in any of the SMs. The method suggested is the thorough way of insuring data integrity with minimal overhead.

555. FCSLEBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a local area signaling services (LASS) screen list editing (SLE) session, the originating terminal process (OTP) received an unexpected message from the terminating terminal process (TTP) associated with the announcement hardware. Contact your next level of support.

556. FCSLEDEFAULT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received after a function call during a screen list editing (SLE) session. The SM is in an unstable state.

557. FCSLEDSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSLE_DSP relation, a failure code of DBNO_MATCH was returned. An rSLE_DSP tuple is missing or the key used to read this relation was not set properly. The key value dsp_id will be printed on the ROP.

Data Structures:

RLSLE_DSP. Key field: dsp_id.

Action:

This is a database inconsistency that can only be corrected by manual action.

558. FCSLEINVLDREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a local area signaling services (LASS) screen list editing (SLE) session, the originating terminal process (OTP) received an invalid request from the terminating terminal process (TTP) associated with the announcement hardware. Contact your next level of support.

559. FCSLELENGTHERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed during a screen list editing (SLE) session. An attempt was made to send a message with a length that is greater than permitted by OSSENDMSG().

560. FCSLEPROCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed during a local area signaling services (LASS) screen list editing (SLE) session. This failure is the result of an invalid process ID; the process that was to receive this message does not exist.

561. FCSLETARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a local area signaling services (LASS) screen list editing (SLE) session, an SLE function was called with an invalid argument. Contact your next level of support.

562. FCSLETFID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a local area signaling services (LASS) screen list editing (SLE) session, the terminating terminal process (TTP) encountered an invalid feature ID. Contact your next level of support.

563. FCSLETMRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a local area signaling services (LASS) screen list editing (SLE) session, the terminating terminal process (TTP) received an invalid return code from the originating terminal process (OTP) associated with the SLE session. Contact your next level of support.

564. FCSMSEQIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSMSEQIDX relation, a failure code of DBNO_MATCH was returned. An rISMSEQIDX tuple is missing or the keys used to read this relation were not set properly. The key values qid, appl_cls, and seq_key will be printed on the ROP.

Data Structures:

RLSMSEQIDX. Key fields: qid, appl_cls, seq_key.

Action:

This is a database inconsistency that can only be corrected by manual action.

565. FCSPABILLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISPABILLDN tuple is missing that is keyed with a trunk group. When a special access (SPA) customer originated a WATS or MEGACOM® call, the RLSPABILLDN relation was read to retrieve the assigned billing number. The rISPABILLDN tuple has the trunk group number incorrectly populated or is corrupt.

Data Structures:

RLSPABILLDN. Key field: trunk group number.

The trunk group that originated the SPA WATS or *MEGACOM*® call is dumped.

Action:

Check the class of service for this trunk group using the trunk group form.

If the trunk group is a valid SPA WATS or *MEGACOM*® type and an rISPABILLDN tuple does not exist that corresponds to this trunk group, use RC/V to add the tuple. If the trunk group is a valid SPA WATS or *MEGACOM*® type and the rISPABILLDN tuple does exist, then the relation is corrupt. Use RC/V to check the relation and re-create the tuple if it is corrupt.

If the trunk group is not valid for SPA WATS or *MEGACOM*® service, use RC/V to change the class of service for this trunk group appropriately.

566. FCSPABNDSCRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISPABNDSCRN tuple is missing that is keyed with a calling numbering plan area (NPA) and a called NPA. When a special access (SPA) customer originated a WATS or *MEGACOM*® call, the RLSPABNDSCRN relation was read to retrieve the band number required to place the call.

The calling NPA was extracted from the dnbill field in the RLSPABILLDN relation and the called NPA was the dialed NPA. The calling NPA stored in the dnbill field of rISPABILLDN tuple is incorrectly populated, the dialed NPA is invalid, or the RLSPABNDSCRN relation is corrupt.

Data Structures:

RLSPABNDSCRN. Key fields: calling NPA, called NPA.

Action:

If the calling NPA and the called NPA are a valid NPAs in the North American numbering plan and the rISPABNDSCRN tuple does not exist, consult FCC tariff #2 to find the band number required. Use RC/V to add the rISPABNDSCRN tuple.

If the calling NPA is valid and the called NPA is not valid, then the SPA customer is dialing an invalid NPA.

If the calling NPA is not valid and the called NPA is valid, then the rISPABILLDN tuple's dnbill field is populated with an incorrect billing number. Use RC/V (via the trunk group form) to change the dnbill field to the correct billing number.

If the calling NPA and the called NPA are valid and the rISPABNDSCRN tuple does exist, then the relation is corrupt. Check the relation using RC/V to re-create the tuple if it is corrupt.

567. FCSPAENXX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLSPAENXX relation that is keyed with a calling numbering plan area (NPA) and a called office code (NXX) is corrupted. When a special access (SPA) customer originated a WATS or *MEGACOM*® call, the RLSPAENXX relation was read to determine if calls are allowed to the central office that is assigned to the called NXX.

Data Structures:

RLSPAENXX. Key fields: calling NPA, called NXX.

The ROP printout provides the calling NPA that was assigned in the RLSPABILLDN relation and the called NXX which is the dialed NXX.

Action:

Use RC/V to verify that the RLSPAENXX relation exists in the SM that originated the assert. Check with the network operations group (NOG) to determine if this relation should be populated with disallowed central office codes for SPA WATS or MEGACOM®. If the RLSPAENXX relation is not populated or is incorrectly populated, use RC/V to re-populate this relation.

568. FCSTRCARTONE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A send to resource play&collect returned from the service control point (SCP) requested 400 Hz carrier tone, but carrier tone is not provisioned as system tone.

TONE TYPE (in RC/V View 10.17 [NETWORK ANNOUNCEMENTS]) == CARRIER but the field CARRIER TONE (in RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)]) == N

Data Structures:

- Global parameter, Glcartone.
- rISSP_ANN.tone_type. Key fields: annc code.
- rIFC_TRUNK.tgroup. Key fields: tgroup, member.
- rIFC_TRUNK.member. Key fields: tgroup, member.

Action:

There are two options,

- Set the value of "CARRIER TONE" in RC/V View 8.1 to "Y".
- Update RC/V View 10.17. The key field is annc code (provided in the assert message). Clear out the "TONE TYPE" field in RC/V View 10.17. The trunk group and trunk member are provided in the assert message for informational purposes only, they are not needed in order to resolve the problem.

569. FCTAT_LNTM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The advanced services platform terminal process (ASP_TP) did not receive an initial message from routing and terminal allocation (RTA) for a terminating attempt trigger or BLNA request, or an error was detected by the OSWGETMSG() macro with respect to the message. The call cannot proceed. The process is purged.

570. FCTATON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not update the global parameter Glatdbavl to DBYES while adding advanced services platform (ASP) 0.1B service to this office. This will result in rTATDB tuples that are not audited.

Action:

Use ODBE to update the Gltatdbavl parameter to DBYES on the SM which originated this assert.

571. FCTATSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The advanced services platform terminal process (ASP_TP) encountered an invalid or unknown value for its internal state variable. Stack data was overwritten or an internal logic error occurred. The process is purged. This can result in lost ASP terminating attempt trigger calls or ASP calls being monitored for BLNA events.

572. FCTCMINVRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The traveling class mark (TCM) received from the far-end office is out of range. The incoming port over which the TCM was received has a tuple in the automatic route selection (ARS) logical port information relation RLARPORT. A discrepancy exists between the tcmmin value of the incoming port and the "outgoing number of TCM digits" indicator at the far-end office for the outgoing side of this port.

Data Structures:

RLARPORT, RLARTCM.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - ARS group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

Use the data in the ROP output and RC/V to identify the outgoing end of this incoming port and notify the far-end office that it belongs to. There are two possible solutions to this problem.

- (1) The far-end office is a 5ESS[®] switch.

The number of TCM digits expected, specified by the tcmmin value on RC/V View 5.21 (AUTOMATIC ROUTE SELECTION TRUNK PARAMETERS), for the incoming port indicated in the dump is inconsistent with the number of TCM digits outpulsed, specified by the tcmout value on View 5.21 for the outgoing side of this port at the far-end office.

This office must be set up to receive the same number of TCM digits over the incoming port as the far-end office is outpulsing. Change tcmmin accordingly.

- (2) The far-end office is a 1/1A ESSTM switch or a PBX.

The tcmmin value on RC/V View 5.21 for the incoming logical port indicated in the ROP output must have a value of 1. If the tcmmin value is not 1, change it to 1.

Also, make sure that the far-end office is not outpulsing TCMs with a value less than 0 or greater than 7.

573. FCTCMRNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The traveling classmark (TCM) value read from the TCM conversion relation RLARTCM is out of range. The valid

range is 0-7. This error was found in the terminating terminal process (TTP) while attempting to convert the incoming facility restriction level (FRL) to a one-digit TCM.

The TCM information element (IE) field in the outgoing SETUP message was populated to an error condition (GLFAIL) since the value read from the relation is not valid. Action should be taken to populate this field to an acceptable value. If no action is performed, the call may not complete successfully.

Data Structures:

RLARTCM. Key field: ar_gpid.

Action:

Use the ODBE update option to modify the contents of the RLARTCM relation to correct the TCM value that is out of range. The key to access this data is the ar_gpid (group ID) value printed on the ROP. Check for the one-digit TCM values (tcmone) which should be numbers between 0 and 7; if they are not, correct them.

574. FCTCWPARMS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An RLTCW_PARM tuple with the given keys could not be found in the static database. The keys are printed on the ROP. The RLTCW_PARM tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLTCW_PARM. Key fields: bool.

Action:

Verify that the keys printed on the ROP are valid. Use RC/V View 8.1 (OFFICE PARAMETERS (MISCELLANEOUS)) to assign talking call waiting parameters.

If the RLTCW_PARMS tuple was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

575. FCTD_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTD_CF relation, a failure code of DBNO_MATCH was returned. An rITD_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTD_CF. Key field: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

576. FCTD_CODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTD_CODE relation, a failure code of DBNO_MATCH was returned. An rITD_CODE tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTD_CODE. Key fields: feature ID, action point index.

Action:

This is a database inconsistency that can only be corrected by manual action.

577. FCTD_SCHED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTD_SCHED relation, a failure code of DBNO_MATCH was returned. An rITD_SCHED tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTD_SCHED. Key field: time of day (TOD) ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

578. FCTG_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rITG_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTG_CF. Key field: feature ID.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLTG_CF relation with the actual keys used to access the relation. If the rITG_CF tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support. This relation is updated by RC/V View 12.21 (TERMINAL GROUP FEATURE DEFINITION).

579. FCTGLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rITGLTM tuple is missing for a member of a terminal group. As a result, it cannot be determined if the member is allowed to provision music to held calls.

Data Structures:

RLTGLTM. Key fields: ltm_type, lead_mod, ltm_idx, bfgid.

The ROP output provides the tgid that the line belongs to, and the ltm_type, lead_mod, ltm_idx, and bfgid keys. If the bfgid field is non-zero, the terminal group/station restriction (TG/SR) feature was assigned via a business and residential custom services (BRCS) feature group (BFG). Otherwise, the TG/SR feature was assigned as an individual directory number (DN) feature and the ltm_idx can be used.

Action:

Use the following steps to recover the rITGLTM tuple:

1. Determine the valid value for the moh_act field in the rITGLTM tuple for this line.
2. If the TG/SR feature is assigned through a BFG, read RC/V View 12.9 (BRCS FEATURE GROUP CONSTRUCTION AND UPDATE) with the name of the BFG found in RC/V 1.11 (BRCS FEATURE ASSIGNMENT).

Verify the moh_act field found in the BFG.

3. Use ODBE to insert an rITGLTM tuple using the bfgid on the ROP as the LTM_IDX, LTM_ISDN as the LTM_TYPE, and the lead_mod printed on the ROP as the LEAD_MODULE. The moh_act found in RC/V 12.9 is assigned to the MOH_ACT in this tuple.
4. If the TG/SR feature is assigned as an individual DN feature, the default moh_act field from RC/V 12.21 (TERMINAL GROUP FEATURE DEFINITION) can be used or the line may or may not be allowed to provide music.
5. In either case, insert an rITGLTM tuple using ODBE with the ltm_idx printed on the ROP as the LTM_IDX, the lead_mod printed on the ROP as the LEAD_MODULE, and the ltm_type printed on the ROP as the LTM_TYPE. For the MOH_ACT attribute, insert the moh_act found in RC/V View 12.21, or DBYES if music provisioning is allowed for held calls or DBNO if music provisioning is not allowed.
6. If the moh_act field was populated without the use of the default moh_act field from RC/V 12.21, verify that the tgid this line belongs to has a music source. The music source can be checked on RC/V View 4.4 (TERMINAL GROUP ATTENDANT AND DATA) using the tgid printed on the ROP as the key.
7. If a music source is not found for this terminal group, update RC/V 4.4 with a valid music trunk group number and member number.

580. FCTMRARCFail (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was found in the FCarctimer[] array, the internal timer chain for local area signaling services (LASS) automatic callback/automatic recall (AC/AR), or in the FCarcheadtmr[] array, the internal timer chain control structure.

581. FCTPUNXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by a terminal process other than the originating or terminating terminal processes (OTP/TTP). The message, the far process ID from the process control block link area (PCBLA), and the terminal equipment data block (TEDB) information are dumped to the ROP. The port that received this unexpected message will also be dumped. This port information will start at the fifth byte after the far process ID.

This assert returns to the calling function without any affect on call processing. No audits are scheduled. The data printed on the ROP is used to determine which process sent the message. Contact your next level of support.

582. FCTRANSEXCEEDED (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following terminal processes in the FC subsystem running in the VFSM framework exceeded the maximum number of state transitions it defined for itself:

- The frame relay terminal process (fc/FCfr)
- The ISLP terminal process (fc/DCislp)

Probable Cause:

This should never happen.

Action:

Assert and purge the terminal process.

583. FCTRANSEXCEEDED (5E12 to 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The VFSM maximum transitions loop in the frame relay terminal process has been exceeded.

Probable Cause:

This should never happen.

Action:

Assert and purge the frame relay terminal process.

584. FCTREDLANI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

At the action point (ACP) for the software defined network (SDN) service, the billing number (ANI) for the call must be 10 digits. An rLEDLSTRKG tuple is missing or the tuple has an incorrect ANI.

Data Structures:

RLEDLSTRKG. Keys: trunk group number

Action:

Use RC/V View 5.1 (TRUNK GROUP) (or ODBE, if necessary) to correct the problem. If the trunk group should remain dedicated to SDN service, supply a 10-digit billing number to this trunk group. Otherwise, reset the sdnded attribute to 0 in the RLFC_TRUNK relation for all trunks members of this trunk group.

585. FCTRKLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call requiring a query to the LN network control point (NCP) was attempted on a port, but the port does not have a valid class of service (COS) for LN. The affected call is sent to reorder. No LN calls will complete for the indicated port until this problem is corrected.

Data Structures:

RLFC_PORTTYP. Key fields: port.member, port.module.

Action:

Determine if the port is a line or a trunk and if the port is intended to be used for the leased network.

If the port should be used in the LN, update the COS and any other related data. (Refer to the population rules for the RLRCTGRPRK relation in the 5ESS[®] Switch Translations Data Manual for the valid LN COSs for trunks. See the population rules for the RLFC_LINE relation for the valid LN COS for lines.)

If the port should not be used in the LN, do one of the following actions. If the port is a line, use ODBE to update the ln_type attribute of the line's rLFC_LINE tuple to LN_NULL. If the port is a trunk, use ODBE to update the ln_type attribute of the trunk's rLFC_TRUNK tuple to LN_NULL. These updates cannot be done with RC/V.

586. FCTRKNOTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services attendant (ISAT) remote busy verification error occurred. The trunk group number (grpnum) read from the RLRT_ROUTING relation that corresponds to the remote route index (rti) read from the RLREMBV_RI relation is not associated with the ISAT that originated the busy verification.

Data Structures:

RLTGTOATT. Key fields: grpnum, isat_idx (ISAT code index).

RLREMBV_RI. Key fields: isat_idx, rti (route index), rti.

Action:

This is a database inconsistency that will cause the call to be torn down and the ISAT will get the reorder tone. This inconsistency can only be corrected through manual action. Use RC/V View 5.1 (TRUNK GROUP) to enter the ISAT MLHG value that will associate the busy verify trunk's trunk group number (TGN) with the ISAT corresponding to the isat_idx read from the RLREMBV_RI relation. If the data is populated correctly, contact your next level of support.

587. FCTRKSDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid incoming trunk is dedicated to software defined network (SDN) service.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

Use RC/V View 5.1 (TRUNK GROUP) (or ODBE, if necessary) to make the trunk not dedicated to SDN service.

588. FCTRMBFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An RLTRMFEATS tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLFC_LINE, RLLPT_PT, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG), the keys used to read the relation (lport, lpt_type), the range (RANGE), the BFGID, and the original (non-BFG) keys for this relation.

Action:

BRCS features can be assigned directly to the line or assigned to the line via a BRCS feature group (BFG).

When a BRCS feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLTRMFEATS relation where RLtrmfeats.lport is RLfc_line.lport, RLtrmfeats.lpt_type is RLfc_line.lpt_type, and RLtrmfeats.range is 0 through 6.

When a BRCS feature is assigned to a line via a BFG, the BFG keys are used to read the RLTRMFEATS relation where RLtrmfeats.lport is RLfc_line.bfgid, RLtrmfeats.lpt_type is LPT_BFG, and RLtrmfeats.range is 0 through 6.

An attempt to read the RLTRMFEATS relation using the BRCS feature group (BFG) keys was made because the BRCS terminal feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the BFG ID (bfgid) and the BFG indicator for terminal features (trmbfg).
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, then the BFG ID from RLFC_LINE should equal the BFG ID given in the ROP output. If the BFG ID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFG ID values match, an rITRMFEATS tuple should exist for the BFG keys. Insert the appropriate rITRMFEATS tuple.

589. FCTRMFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rITRMFEATS tuple is missing.

Data Structures:

RLFC_LINE, RLLPT_PT, RLTRMFEATS.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - the logical port (lport), the logical port type (lpt_type), and the range.

Action:

Business and residential custom services (BRCS) features can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When a BRCS feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLTRMFEATS relation - RLtrmfeats.lport=RLfc_line.lport, RLtrmfeats.lpt_type=RLfc_line.lpt_type, and RLtrmfeats.range is 0 through 6.

An attempt to read the RLTRMFEATS relation using the original (non-BFG) keys was made because a BRCS feature was thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm).
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

5. If brc_trm is DBYES and the lport and lpt_type values match, an rITRMFEATS tuple should exist for the original (non-BFG) keys. Insert the appropriate rITRMFEATS tuple.

590. FCTRMINCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in the RLTRMFEATS relation. This relation holds data for business and residential custom services (BRCS) features assigned to terminals (lines or trunks). Each tuple holds up to six feature entries. If more than six BRCS features are assigned to a terminal, multiple rITRMFEATS tuples are used to hold the feature entries.

The feat_cnt field in the first rITRMFEATS tuple (range 0) indicates the number of features that should exist for the terminal. For example, if 14 BRCS features are assigned to a terminal, three rITRMFEATS tuples are used to store the BRCS feature data. The first tuple (range 0) has feat_cnt=14 and contains the first six feature entries. The second tuple (range 1) contains the next six feature entries and the third tuple (range 2) contains the final two feature entries.

An attempt to read one of the additional rITRMFEATS tuples (range>0) failed. An rITRMFEATS tuple is missing or the feat_cnt in the first tuple is incorrect. The tuple keys as well as the actual number of feature entries found are printed on the ROP.

If this problem occurs during a call, the call will not be torn down and an attempt will be made to process the BRCS features that were successfully read.

Data Structures:

RLTRMFEATS. Key fields: range, lpt_type, lport.

The ROP output provides the RANGE (a number from 0-4 used to distinguish multiple tuples assigned to a terminal), the LPT_TYPE (the terminal's logical port type where 0 (LPT_OTHER) indicates an analog terminal, 1 (LPT_ISDN) indicates an ISDN terminal, and 2 (LPT_BFG) indicates that the BRCS features are part of a BRCS feature group (BFG) assigned to the terminal), the LPORT (the terminal's logical port or the BFG ID, if the LPT_TYPE is LPT_BFG), and the CNT (a count of the number of feature entries found).

Action:

If the LPT_TYPE is not LPT_BFG, use the LPORT and LPT_TYPE to read the RLLPT_PT relation using ODBE in order to determine the port and party. If the LPT_TYPE is LPT_BFG, the LPORT is the BFG ID.

Examine the first rITRMFEATS tuple. The RANGE for the first tuple is 0. The LPORT and LPT_TYPE keys are printed on the ROP. If the feat_cnt field in the first tuple is incorrect, use ODBE to update the tuple to the correct count. The correct count will be CNT.

If the feat_cnt field in the first tuple is correct, then one or more rITRMFEATS tuples are missing. Update the rITRMFEATS tuple (range=0) using ODBE. Set the feat_cnt attribute to the value of CNT. This update allows RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) to display the features that were found for this LPORT. This is a temporary fix until the missing features can be determined.

The missing feature entries must be added to the RLTRMFEATS relation based on the office records. The feat_cnt in tuple 0 must be updated using ODBE once the correct number of features is determined. The data for each missing feature depends on the feature. Contact your next level of support for assistance in restoring these rITRMFEATS tuples.

591. FCTRPFANI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

At the action point (ACP) for the software defined network (SDN) service, the billing number (ANI) for the call should be 10 digits. An rIPF_TKDN tuple is missing or the tuple has an incorrect ANI.

Data Structures:

RLPF_TKDN. Key field: port.

Action:

Use RC/V View 5.1 (TRUNK GROUP) (or ODBE, if necessary) to supply the 10-digit ANI to the port or make the trunk not dedicated to SDN service.

If ODBE is used, reset the sdnded attribute to 0 on the rIFC_TRUNK tuple to make the trunk not dedicated to SDN service; otherwise, assign a 10-digit ANI to the trunk on the rIPF_TKDN tuple.

592. FC_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIFC_TRUNK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used to access the relation. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

This relation is updated by the following RC/V views:

- 1.11 (BRCS FEATURE ASSIGNMENT LINE)
- 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER)
- 5.1 (TRUNK GROUP)

593. FCTR_UNKN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Transaction initialization was requested with an invalid routing domain. The process control block link area (PCBLA) and the D-channel data block (DCDB) buffer are dumped and the terminal process causing the call to be torn down is purged.

594. FCTSDBER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Could not retrieve an rITSDB tuple. The time-slot data block (TSDB) audit is scheduled and the code returns to the point of interrupt.

595. FCUEXPRET (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ATP received an unexpected return from OSWGETMSG.

596. FCUGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while updating a global parameter.

597. FCULNSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NSDB	Audit Mode: elev

Problem:

An error indicating invalid linkages in the RLNSDB relation occurred when the advanced services platform (ASP) software tried to release an rLNSDB tuple. The AUNSDb audit will be scheduled to clean up the linkage problem.

598. FCUNCNFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNCNFLICT tuple was missing. Private digit analysis tried to resolve a conflict state previously determined by the RLUNDTRE relation, but could not find a tuple with the indicated keys.

Data Structures:

RLUNCNFLICT. Key fields: table index, number of digits to collect.

RLUNDTRE. Key fields: ARS group ID, previous index, dialed digits.

Action:

This problem indicates that the database was not properly populated. The first fields on the ROP are the key fields that were not found in the RLUNCNFLICT relation. Give this information to office data administration (ODA) support.

The next three reported values are the automatic route selection (ARS) customer group index, the dialing plan number, and the digits analyzed up to the point of the data inconsistency.

Use the base relation RLFACTNAME to recover the ARS group name associated with the reported ARS group index. Using office records form "Private Network Dialing Plan Conflict Table," the set of form entries that match the reported ARS group name, dialing plan number, and (partial) incoming digits should be verified using RC/V.

The RC/V view tuple that fails identifies the error being reported. Attempt to remove the conflict view tuple, and then re-insert the tuple.

A trouble report should be filed.

599. FCUNDPINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNDPINFO tuple was missing.

Data Structures:

RLUNDPINFO. Key fields: ARS group ID, dialing plan number.

Action:

The ROP output provides the automatic route selection (ARS) group ID and the ARS dialing plan number. Use base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. With the ARS group name and the dialing plan number, insert an rLUNDPINFO tuple using RC/V View 9.20 (PRIVATE NETWORK INFORMATION).

A trouble report should be filed.

600. FCUNFLGNSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This phone call was already passed through the network service code conversion. This should only occur once per call.

The rLUNNSC tuples were improperly populated to convert a network service code to another network service code. The original off-network number should only be translated to a valid phone number.

Data Structures:

RLUNNSC. Key fields: ARS group ID, conversion index.

The ROP output provides the automatic route selection (ARS) group ID, the conversion index, the number returned from the network service code, and the active dialing plan number.

Action:

Use base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. Use the ARS group name and the dialing plan number to locate the incorrectly populated tuple. A trouble report should be filed.

601. FCUNNSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNNSC tuple was not found for the associated keys.

Data Structures:

RLUNNSC. Key fields: ARS group ID, conversion index.

The ROP output provides the automatic route selection (ARS) group ID, the conversion index, and the dialed digits (network service code dialed).

Action:

Use base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. Use RC/V View 9.21 (PRIVATE NETWORK DIALING PLAN) to insert the rLUNNSC tuple. A trouble report should be filed.

602. FCUNOFFON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This phone call was already passed through the on-network to off-network conversion. This should only occur once per call.

The rLUNOFFON tuples were improperly populated to convert an off-network number to another off-network

number. The original off-network number should only be translated to an on-network number.

Data Structures:

RLUNOFFON. Key fields: ARS group ID, conversion index.

The ROP output provides the automatic route selection (ARS) group ID, the conversion index, the number returned from the off-network to on-network conversion, and the current dialing plan number.

Action:

Use base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. With the ARS group name and the conversion index, use RC/V View 9.22 (OFF NETWORK NUMBER CONVERSION) to locate the incorrectly populated rLUNOFFON tuple. Remove this tuple then correctly re-enter the information. A trouble report should be filed.

603. FCUNONDI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNON_DI tuple was not found for the associated keys.

Data Structures:

RLUNON_DI. Key fields: ARS group ID, previous digits.

The ROP output provides the automatic route selection (ARS) group ID, the previous digits, and the on-network number being translated.

Action:

Use base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. With the ARS group name, the on-network number, and the previous value, use RC/V View 9.21 (PRIVATE NETWORK DIALING PLAN) to insert the appropriate information in the rLUNON_DI tuple. A trouble report should be filed.

604. FCUNONOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNONOFF tuple was not found for the associated keys.

Data Structures:

RLUNONOFF. Key fields: ARS group ID, on-network digits.

Action:

Use base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. Use RC/V View 9.23 (ON-NETWORK NUMBER CONVERSION) to insert the appropriate rLUNONOFF tuple. A trouble report should be filed.

605. FCUNRLOFFON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNOFFON tuple was not found for the associated keys.

Data Structures:

RLUNOFFON. Key fields: ARS group ID, conversion index.

The ROP output provides the automatic route selection (ARS) group ID, the conversion index, the off-network number, and the current dialing plan number.

Action:

Use base relation RLFACTNAME to recover the ARS group name associated with the reported ARS group index. Use RC/V View 9.22 (OFF NETWORK NUMBER CONVERSION) to insert the appropriate rUNOFFON tuple. A trouble report should be filed.

606. FCUNXDESTTYPE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid call type was populated for the local digit interpreter table (LDIT)/incoming digits (INC DIGITS) combination or the RDIT/previous digits/remaining digits combination.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

Use the digit analysis selector (DAS) value dumped as the key for RC/V View 9.1 (DIGIT ANALYSIS). This view gives the LDIT associated with the call. The LDIT and the INC DIGITS are the keys for RC/V View 9.3 (LOCAL DIGITS). The LDIT view may have an associated RDIT view. The RDIT, PREVIOUS DIGITS and the REMAINING DIGITS are the keys for RC/V View 9.9 (REMAINING DIGIT). Change the call type field on View 9.3 or View 9.9 to a valid value for this LDIT/INC DIGITS or RDIT/PREVIOUS DIGITS/REMAINING DIGITS combination. See the Translation Guide 5ESS® Switch TG-5 Vol. 1, Div. 3 (Translation Administration), Sec 3c (Routing and Charging Forms - Local Digit Interpreter Table (5300-3/5) - LDIT) for valid values.

607. FCUNXDESTTYPE (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid call type was populated for the local digit interpreter table (LDIT)/incoming digits (INC DIGITS) combination.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

Use the digit analysis selector (DAS) value dumped as the key for RC/V View 9.1 (DIGIT ANALYSIS). This view gives the LDIT associated with the call. The LDIT and the INC DIGITS are the keys for RC/V View 9.3 (LOCAL DIGITS). Change the call type field to a valid value for this LDIT/INC DIGITS combination. See the Translation Guide 5ESS® Switch TG-5 Vol. 1, Div. 3 (Translation Administration), Sec 3c (Routing and Charging Forms - Local Digit Interpreter Table (5300-3/5) - LDIT) for valid values.

608. FCUNXMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received from the far process.

609. FCUNXPECTEDRET (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function/macro in the FC subsystem called another function/macro (not necessarily in FC) that returned an unexpected value. This general assert will require a stack back trace to investigate.

Probable Cause:

The called function/macro encountered an unexpected problem.

Action:

Assert to support further investigation and return to caller.

610. FCUNXTYPCICALL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value for the type of carrier interconnect call (TYP CI CALL) was populated for the local digit interpreter table (LDIT)/incoming digits (INC DIGITS) combination or the RDIT/previous digits/remaining digits combination.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

Use the digit analysis selector (DAS) value dumped as the key for RC/V View 9.1 (DIGIT ANALYSIS). This view gives the LDIT associated with the call. The LDIT and the INC DIGITS are the keys for RC/V View 9.3 (LOCAL DIGITS). The LDIT view may have an associated RDIT view. The RDIT, PREVIOUS DIGITS and the REMAINING DIGITS are the keys for RC/V View 9.9 (REMAINING DIGIT). Change the TYP CI CALL field to a valid value for this LDIT/INC DIGITS or RDIT/PREVIOUS DIGITS/REMAINING DIGITS combination. See the Translation Guide 5ESS® Switch TG-5 Vol. 1, Div. 3 (Translation Administration), Sec. 3c (Routing and Charging Forms - Local Digit Interpreter Table (5300-3/5) - LDIT) for valid values.

611. FCUNXTYPCICALL (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value for the type of carrier interconnect call (TYP CI CALL) was populated for the local digit interpreter table (LDIT)/incoming digits (INC DIGITS) combination.

Data Structures:

RLFC_TRUNK. Key field: port.

Action:

Use the digit analysis selector (DAS) value dumped as the key for RC/V View 9.1 (DIGIT ANALYSIS). This view gives the LDIT associated with the call. The LDIT and the INC DIGITS are the keys for RC/V View 9.3 (LOCAL DIGITS). Change the TYP CI CALL field to a valid value for this LDIT/INC DIGITS combination. See the Translation Guide 5ESS® Switch TG-5 Vol. 1, Div. 3 (Translation Administration), Sec. 3c (Routing and Charging Forms - Local Digit Interpreter Table (5300-3/5) - LDIT) for valid values.

612. FCUPCCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

An attempt to unlink the call build up data block (CBDB) and the process control block link area (PCBLA) failed.

The CBDB could not be released. The call will not be affected.

613. FCVPNPRIOHD (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual private network (VPN) PRI OHD trigger defined on RC/V View 5.1 (TRUNK GROUP) does not specify R0D1 protocol on RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).

The trigger number associated with the OHD trigger should only be populated with R0D1 protocol. The call will be provided with standard switch error treatment.

Data Structures:

RLNS_TRIG.

Action:

Check the trigger defined on RC/V View 9.35 to ensure that the OHD trigger defined on RC/V View 5.1 for the VPN PRI trunk group specifies R0D1 protocol.

614. HIUNEXPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The home intercom (HI) model received an unexpected internal message. The process control block link area (PCBLA), information from the associated process block (APB), and the message type are dumped. This assert occurs in STATE *. No calls are affected.

615. ICLIDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CNDATA	Audit Mode: elev

Problem:

A tuple in the RLCNDDATA dynamic relation could not be found with the given keys. Either the keys used to access the relation are invalid, or a user that is assigned the incoming call line identification (ICLID) calling name display (CND) feature has a tuple in static relation RLICLIDIDX with no corresponding rlcNDDATA tuple. The audit on the dynamic relation RLCNDDATA will be scheduled. The keys for the rlcNDDATA tuple, ltm_idx and ltm_type, will be printed on the ROP.

616. ICLIDDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBCND	Audit Mode: elev

Problem:

A tuple in the RLDBCND dynamic relation could not be obtained, or could not be linked to the process control block link area (PCBLA). The audit on the RLDBCND relation will be scheduled. The rldBCND tuple that was to be obtained or linked will be printed on the ROP.

617. ICLIDIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rliCLIDIDX tuple with the given keys cannot be found in the static database. The LTM_TYPE is one of two possible values. If the type is LTM_OTHER, a 0 will be printed on the ROP, if the type is LTM_ISDN a 1 will be printed. The tuple is missing or the keys used to access the tuple are not valid.

Data Structures:

RLICLIDIDX. Key fields: ltm_idx, ltm_type

RLDNFEATS. Key fields: lead_module, ltm_idx, ltm_type

Action:

1. Verify that the keys are valid. LTM_TYPE will be 0 or 1, LTM_IDX must be between 1 and 4095. If the keys are not valid, file a trouble report.
2. Use ODBE in the batch read (BR) mode to read the RLFC_LINE relation from the SM that the assert was fired from into a *UNIX*® file. Use a *UNIX*® editor to locate the tuple that has LTM_TYPE and LTM_IDX attributes that match the attributes printed on the ROP.
3. Verify that the rIFC_LINE tuple's port and party have the link inhibit denied message (LID) feature assigned. If so, reset the brc_dn bit in the tuple.
4. Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) to re-insert the features for that user.
5. If the rIFC_LINE tuple's port and party are not assigned to the LID feature, verify that the LID feature has been assigned as part of a business and residential custom services (BRCS) feature group (BFG). Here, bfg_dn will be 1 (DBYES). Set bfg_dn in the tuple to 0 (DBNO).
6. Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) to re-assign the user to the BFG.
7. If the error cannot be corrected by steps 2-6, file a trouble report.

618. ISACOFTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid read of the database relation RLACOFTRAN occurred.

Data Structures:

RLACOFTRAN. Key fields: config, cpe_comp, button.

Action:

Validate the keys for the RLACOFTRAN relation that were dumped on the ROP. If the keys are valid, insert the corresponding rIACOFTRAN tuple.

619. ISACSR_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACSR_GRP tuple is missing. The key to this tuple is the automatic customer station rearrangement (ACSR) group ID from the RLDSLEQUIP relation.

Data Structures:

RLDSLEQUIP. Key field: dsl.

RLACSR_GRP. Key field: acsr_gpid.

Action:

Use RC/V (or ODBE, if necessary) to validate the acsr_gpid key for this digital subscriber line (DSL) in the RLDSLEQUIP relation. Then verify that the RLACSR_GRP relation has a tuple for this acsr_gpid.

620. ISACSR_OPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACSR_OPT tuple is missing. The key to this relation is the feature ID from the RLTRMFEATS relation.

Data Structures:

RLACSR_OPT. Key fields: feat_id. RLTRMFEATS. Key fields: lport, lpt_type.

Action:

Use RC/V (or ODBE, if necessary) to validate the feat_id for this lport and lpt_type in the RLTRMFEATS relation. Then verify that the RLACSR_OPT relation has a tuple for this feat_id.

621. ISADBPID (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: ADB	Audit Mode: elev

Problem:

The process ID (PID) in the analog data block (ADB) did not match the PID of the analog terminal process that is linked to the ADB. The process associated with the ADB will be purged, and the ADB audit will be scheduled to check the RLADB relation.

622. ISAHBLTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to link an rIATTM_BLF tuple to the ordered set owned by an rIATTH_BLF tuple failed. The following data is printed on the ROP in this order: the key of the rIATTH_BLF tuple that the rIATTM_BLF tuple was to be linked to, the return value (ret_val) from the DAahbltm() function, and the rIATTM_BLF tuple.

623. ISAHDPDA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the dynamic access (DA) primitive DAahdpda() could not link an rIDALB tuple to an rIDPB tuple.

624. ISAHHCBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to link an rIATTH_BLF tuple to the ordered set owned by an rIDB_HEADC tuple failed. The following data is printed on the ROP in this order: the key of the rIDB_HEADC tuple that the rIATTH_BLF tuple was to be linked to, the return value (ret_val) from the DAahhcbl() function, and the rIATTH_BLF tuple.

625. ISAHHCBR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

The DAahhcbr() dynamic access (DA) primitive failed to return an rIBRCSDB tuple to the head of the idle list. The rIBRCSDB tuple key is printed on the ROP.

626. ISAHHCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DAahhcda() function. The dalb key is printed.

627. ISAHHC DI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DISPDB	Audit Mode: elev

Problem:

An attempt to add an rIDISPDB tuple to the head of the idle list failed. The rIDISPDB tuple key is printed on ROP.

628. ISAHTEDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the DAahteda() primitive. The tedb_key and dalb_key values are printed on the ROP.

629. ISANALMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The shared directory number (SHDN) terminal array contains information about terminals in a SHDN. If an analog phone is part of the key system group, it must be the first entry in the array. An analog terminal was found in an array entry other than the first entry.

630. ISANFAILTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

If a process is linked to the analog data block (ADB) and is not a normal terminating process (has_tp1 and Has_tp2 both == DBNO), then the analog terminal process failed, giving busy to the terminal. An attempt to send an MGINTERRUPT message to this terminal process failed.

631. ISATCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLAT_CF tuple is missing.

Data Structures:

RLTRMFEATS, RLAT_CF.

Action:

The FID field in an rITRMFEATS tuple indicated that an rLAT_CF tuple should exist. Check the rITRMFEATS tuple then add the expected rLAT_CF tuple, or null the FID in the rITRMFEATS tuple.

632. ISATGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLAT_GRP tuple is missing.

Data Structures:
RLAT_GRP.

Action:

Check the RLAT_PORT relation to determine the expected group number then add it to the RLAT_GRP relation.

633. ISATHCDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ADB	Audit Mode: elev

Problem:

The DAATHCDB() macro failed to link an analog data block (ADB) to the busy list. The ADB audit will be scheduled.

634. ISATPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLAT_PORT tuple missing that is keyed with the logical port (lport) and logical port type (lpt_type).

Data Structures:
RLAT_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - lport and lpt_type.

Action:

The attendant control of voice terminals (ACVT) business and residential custom services (BRCS) feature is always assigned directly to a line.

For the keys used to read the RLAT_PORT relation, RLat_port.lport is RLfc_line.lport and RLat_port.lpt_type is RLfc_line.lpt_type.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to find the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). ACVT is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rLAT_PORT tuple should exist for the keys on the ROP. Insert the appropriate rLAT_PORT tuple.

635. ISAUPCDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DAupcdl() function. The process control block link area (PCBLA) key is dumped.

636. ISBADADB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The key of the analog data block (ADB) is not the ADB that was expected. The ADB may be incorrect or it may be incorrect with a valid reason for the inconsistency. This assert will not peg the escalation counts towards SPP or INIT.

637. ISBADARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A feature control (FC) function was called with an invalid argument.

638. ISBADDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The D-channel process linkage block (DALB) key may be incorrect. The DALB audit is scheduled to check the RLDALB relation.

639. ISBAD_MEM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid member number information was encountered for a logical port and terminal number. The logical port and terminal number are output on the ROP.

640. ISBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received. An explicit message is considered invalid if the "other call reference value" is PSUNTRANS. The status flags for the cref and ocref fields are dumped to the ROP.

641. ISBADMWDYN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ISmwsst_cmp() or ISmwsrecal() function returned a value that was not valid for the situation when the function was called. The integrated services digital network (ISDN) state in the process control block link area (PCBLA) or the multiway (MW) data (ringing or talking) for the far end may be wrong.

For example, a far party answers on a MW call and the function returns the value ISNOTIFY_RINGING. Since a far party answered, the ISmwsst_cmp() or ISmwsrecal() function should not return information to notify ringing.

The PCBLA and selected data from up to five associated process blocks (APBs) are dumped to the ROP.

642. ISBADMWRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function that was called from the multiway (MW) model returned an invalid value. For example, if the ISmw_merge() function did not return ISFAIL_REC, ISFAIL_IRREC or GLSUCCESS, the return code would be invalid. The process control block link area (PCBLA) and selected data from up to five associated process blocks (APBs) are printed.

643. ISBADPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected parameter was received in a display function. This error should not affect call processing.

644. ISBKINSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal is in service, but the ISsh_srchca() function returned DBNO_MATCH when attempting to retrieve the D-channel application linkage block (DALB) for the terminal. The out of service (OOS) status of this terminal is not consistent in the data.

645. ISBR_FRDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

An invalid return was received from the ISBRFRDA() macro. The BRCSDB audit will be scheduled to check the relation.

646. ISDAGTAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to access a tuple in the dynamic relation RLATTM_BLF failed. The rlIS_TERM tuple that supplied the latidx (the key to the rLATTM_BLF tuple) is printed on the ROP.

647. ISDBFDAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to delete a tuple in the dynamic relation RLATTM_BLF failed. The following data is printed on the ROP in this order: the return value (ret_val) from the DBfdltup() function, and the rLATTM_BLF tuple.

648. ISDBFIAH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to insert a tuple in the dynamic relation RLATTH_BLF failed. The following data is printed on the ROP in this order: the return value (ret_val) from the DBfintup() function, and the rLATTH_BLF tuple.

649. ISDBFIAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to insert a tuple in the dynamic relation RLATTM_BLF failed. The following data is printed on the ROP in this order: the return value (ret_val) from the DBfintup() function, and the rLATTM_BLF tuple.

650. ISDISPCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLDISP_CF tuple was missing. The terminal attempting to use a display terminal feature, had the feature assigned (that is, a display feature ID was in the RLTRMFEATS relation for the requesting terminal), but no rLDISP_CF tuple was associated with the feature ID.

Data Structures:

RLDISP_CF. Key field: feature ID.

RLTRMFEATS. Key fields: port, party.

In the ROP output, the first variable is the display constructed feature ID (hexadecimal) expected but not found, and the other data identifies the port (hex) and the party (decimal).

Action:

Use RC/V to find the display feature name for the display feature ID found in the data dump by looking at View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) or View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]) for the identified port and party.

Use the display feature name to define a new display feature in the RLDISP_CF relation via the ISDN BRCS DISPLAY FEATURE DEFINITION view.

If the display feature was assigned through standard office data administration (ODA) or recent change (RC), file a trouble report.

651. ISDLBKEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The key of the D-channel process linkage block (DALB) was not the key that was expected. The RLDALB relation may be corrupted. The DALB audit will be scheduled.

652. ISDSL_EQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDSLEQUIP relation, a failure code of DBNO_MATCH was returned. An rLDSLEQUIP tuple is missing or the keys used to read the relation were not set properly.

Data Structures:

RLDSLEQUIP. Key fields: dsl.

Action:

This is a database inconsistency that can only be corrected by manual action.

653. ISDSP_ACN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The display terminal process received an unknown action in a feature activation information element.

654. ISDSP_REST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSRESTART() macro failed in the display terminal process.

655. ISDSP_RMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The display terminal process received an invalid operating system for distributed switching (OSDS) message.

656. ISDSP_SMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) message was not sent by the display terminal process.

657. ISDSP_SWTCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown case in a switch statement was encountered in the display terminal process.

658. ISEDS_APID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An application processor (AP) site ID in the RLEDS_GRP relation did not have a corresponding entry in the RLCMAPDATA relation. The logical termination port (ltm_idx) attempting to use an electronic directory service (EDS) feature is assigned to an EDS feature and a valid EDS group. The EDS feature ID is in the rIDN_FEATS tuple for the ltm_idx, and the ltm_idx has an rLEDS_PORT tuple. The EDS group has an rLEDS_GRP tuple, but the AP site ID in this tuple does not appear as an AP site ID entry in the RLCMAPDATA relation.

Data Structures:

RLEDS_GRP. Key field: EDS group ID.

RLCMAPDATA. Key field: AP site ID.

In the ROP output, the first variable is the EDS group ID (decimal) associated with the ltm_idx attempting to use an EDS feature, and the second variable is the AP site ID (decimal) that is associated with this EDS group ID.

Action:

This is a database inconsistency that can be corrected only by manual action. There are two possible solutions to this problem.

1. If the AP site ID is correct for this EDS group ID, define a new AP site ID entry using RC/V View 24.7 (DSL AP COMMUNICATIONS DATA).
2. If the AP site ID is not valid, use the EDS group ID and RC/V View 4.38 (ELECTRONIC DIRECTORY SERVICE GROUP PARAMETERS) to correct the invalid entry.

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

659. ISEDSCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLEDSCF tuple is missing. The logical termination port (ltm_idx) attempting to use the electronic directory service (EDS) feature has an EDS feature assigned, but no rLEDSCF tuple exists that is associated with the ltm_idx. The EDS feature ID is an rIDNFEATS tuple for the requesting ltm_idx.

Data Structures:

RLEDSCF. Key field: feature ID.

RIDNFEATS. Key fields: ltm_module, ltm_type, ltm_idx.

The first variable on the ROP output is the EDS constructed feature ID (hexadecimal) expected but not found. The other data identifies the ltm_module (decimal), ltm_type (decimal), and ltm_idx (decimal) of the requesting ltm_idx.

Action:

This is a database inconsistency that can only be corrected by manual action.

Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) or View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) to find the EDS feature name for the EDS feature ID found in the data dump. Use this EDS feature name to define a new EDS feature in the RLEDSCF relation via RC/V View 12.38 (ELECTRONIC DIRECTORY SERVICE FEATURE DEFINITION).

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

660. ISEDGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLEDGRP tuple is missing. The logical termination port (ltm_idx) attempting to use an electronic directory service (EDS) feature has an EDS feature assigned and the ltm_idx is assigned to a valid EDS group ID, but the EDS group information has not yet been supplied.

The EDS feature ID is in an rIDNFEATS tuple, the ltm_idx is assigned to an EDS group ID in an rLEDPORT tuple, and an rLEDGRP tuple stores the EDS group information.

Data Structures:

RLEDGRP. Key field: EDS group ID.

RLEDPORT. Key fields: ltm_module, ltm_type, and ltm_idx.

The first variable on the ROP output is the module (ltm_module), the second variable is the logical termination type (ltm_type), and the third variable is the logical termination port (ltm_idx) that encountered the missing data. The fourth variable is the EDS group ID. All variables are printed in decimal.

Action:

This is a database inconsistency that can be corrected only by manual action.

With the ltm_module, ltm_type, ltm_idx printed on the ROP, use RC/V View 4.38 (ELECTRONIC DELIVERY SERVICE GROUP PARAMETERS) to determine the EDS group name. Define a new EDS group for this group name by using RC/V View 4.38.

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

661. ISEDSINVGPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Electronic directory service (EDS) group ID zero is assigned. A logical termination port (ltm_idx) attempting to use an EDS feature is assigned to EDS group ID zero. This ltm_idx should have been assigned a non-zero EDS group ID at line assignment time.

Data Structures:

RLEDS_PORT. Key fields: ltm_module, ltm_type, and ltm_idx.

The first variable on the ROP output is the module (ltm_module), the second variable is the logical termination type (ltm_type), and the third variable is the logical termination port (ltm_idx) that is assigned a zero EDS group ID.

Action:

This is a database inconsistency that can be corrected only by manual action. Determine the valid EDS group to assign to this port. Use RC/V View 4.38 (ELECTRONIC DELIVERY SERVICE GROUP PARAMETERS) to assign the port to the EDS group ID.

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

662. ISEDSPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLEDS_PORT tuple is missing. The logical termination port (ltm_idx) attempting to use an electronic directory service (EDS) feature is assigned an EDS feature, but is not assigned to an EDS group. The ltm_idx should have been placed in an EDS group at line assignment time. The EDS feature ID is in an rIDNFEATS tuple for the ltm_idx.

Data Structures:

RLEDS_PORT. Key field: ltm_module, ltm_type, ltm_idx.

The first variable printed on the ROP is the module in decimal (ltm_module), the second variable is the logical termination type in decimal (ltm_type), and the third variable is the logical termination port (ltm_idx) that attempted to access the EDS feature.

Action:

This is a database inconsistency that can be corrected only by manual action. There are two possible solutions to this problem.

1. If the ltm_idx indicated in the dump should not be assigned to an EDS feature, then the EDS feature should be removed from the ltm_idx via RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) or View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER).

2. If the ltm_idx indicated in the dump should be assigned to an EDS feature, then the ltm_idx should also be assigned to an EDS group and an rEDS_PORT tuple for the ltm_idx using the EDS feature should exist. Determine the EDS group to assign to this port. Assign the ltm_idx to the EDS group using RC/V View 4.38 (ELECTRONIC DIRECTORY SERVICE GROUP PARAMETERS).

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

663. ISEXTMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The shared call model (SCM) received an unrecognizable external message from one of its sibling models. The SCM does not know what to do with this message because it was not expected.

664. ISFBBRCSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No rIBRCSDB tuple was linked to the rIDALB tuple, or the rIBRCSDB pointer did not point to an rIBRCSDB tuple.

665. ISFBDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

No rIDALB tuple was associated with the process number in the rIPCBLA tuple.

666. ISFBDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

The rIDPB tuple pointer returned by the DAGETDPB() macro did not point to the rIDPB tuple. The dport key that was passed to DAGETDPB() was invalid.

667. ISFBIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The DAahhcda() primitive could not return an rIDALB tuple to the idle linked list.

668. ISFBINTER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an invalid return code from the ISfbinter() function; that is, a code other than GLSUCCESS or DBNO_MATCH. This function reads the RLFEATBTN relation.

669. ISFBLDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

For each tuple in the static relation RLMONI_BLF, there is a corresponding tuple in the dynamic relation RLLDAT_BLF. The key to RLLDAT_BLF is the index, which is a unique value generated by evaluating of the global parameters Glmoni1x through Glmoni8x.

The DAGETLDAT() primitive returned an RLLDAT_BLF index which did not match the one requested, probably because the rLLDAT_BLF tuple does not exist. The tuple may have been deleted if there were two rLMONI_BLF tuples using the same index value to reference the same rLLDAT_BLF tuple (this would cause LDATBLF audit errors to occur.)

If one of the rLMONI_BLF tuples was deleted by changing the BUSY MONITOR attribute to N for every monitored directory number (DN) within the associated hundreds group, the corresponding rLLDAT_BLF tuple will also be deleted. Hence, an rLMONI_BLF tuple without a matching rLLDAT_BLF tuple would remain.

The LDATBLF audit is requested to create the required rLLDAT_BLF tuple. The problem does not impact call processing, but does impact the busy/idle status provided by the integrated services digital network (ISDN) attendant busy lamp field.

Repeated occurrences of this assert and/or the LDATBLF audit suggests that an error exists within static data. Use ODBE to check the index attribute in the rLMONI_BLF tuple to verify that it is unique. Also check the Glmoni1x through Glmoni8x parameters to ensure that the correct bit is set for each index being used in the RLMONI_BLF relation. If you find errors, use ODBE to correct them.

670. ISFBLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAahteda() primitive returned DBBAD_ADD. An rDALB tuple could not be added (linked) to the head of an rITEDB tuple.

671. ISFBLTMSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The pointer returned from the DAGTLMSTA() macro did not point to an rLTMSTAT tuple. The key passed to the DAGTLMSTA() macro is printed.

672. ISFBNOTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

No rITEDB tuple was found for the given rDALB tuple. The rDALB tuple did not have an owner rITEDB tuple.

673. ISFBRDI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfbrdi() failed to follow the linkage from the rBRCSDB tuple to the rDISPDB tuple. The BRCSDB audit is scheduled and the BRCSDB key is output on the ROP.

674. ISFBTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

The DAghdpte() primitive returned DBNULL_SET. No rITEDB tuple was found for the rIDPB tuple.

675. ISFBUNLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The DARhteda() primitive returned DBNULL_SET. The rIDALB tuple could not be removed (unlinked) from the owning rITEDB tuple.

676. ISFCLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_LINE relation or the rIFC_LINE tuple is missing.

Data Structures:

RLFC_LINE. Key fields: port.member(hex), port.module(dec), party(dec).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys in the RLFC_LINE relation with the actual keys used to access the relation. If the rIFC_LINE tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

The RLFC_LINE relation is updated by the following views:

12.8 (BFG ADMINISTRATION)
 23.2 (DIGITAL SUBSCRIBER LINE)
 21.30 (OSPS - DSL PORT)
 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT])
 5.12 (BRCS FEATURE ACTIVATION [TRUNK MEMBER])
 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
 4.29 (ATTENDANT MLHG/BUSY LAMP FIELD RANGE DN ASSIGNMENT)
 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE)
 1.9 (MULTIPLE DIRECTORY NUMBER WITH DISTINCTIVE RINGING)
 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
 1.32 (TWO TELEPHONE NUMBER SWAP)
 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])

677. ISFCPORTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIFC_PORTTYP tuple with the given keys could not be found in the static database. The keys are printed on the ROP. The rIFC_PORTTYP tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLFC_PORTTYP. Key fields: port.module (SM number), port.member.

Action:

Verify that the keys printed on the ROP are valid. Use RC/V View 1.1 (LINE ASSIGNMENT INDIVIDUAL LINE) to assign this port.

If the rIFC_PORTTYP tuple was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

678. ISFDABR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfdabr() failed to obtain the rIBRCSCDB tuple pointer by using the rIDALB tuple key. The rIDALB tuple key is printed on the ROP.

679. ISFDABR2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a shared directory number (DN) non-lead answer, an attempt to use the dynamic access (DA) primitive DAfdabr() to obtain the rIBRCSCDB tuple pointer by using the rIDALB tuple key failed. The rIDALB key is printed on the ROP.

680. ISFDAPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfdapc() failed to obtain the rIPCBLA tuple pointer by using the rIDALB key. The rIDALB tuple key is printed on the ROP.

681. ISFNDDISP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Given the information from the D-channel application linkage block (DALB), the ISfinddisp() function failed to get the associated display data block (DISPDB). The DISPDB was not retrieved. The DALB key will be dumped and the DALB audit will be scheduled.

682. ISFPCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfpcda() failed to obtain the rIDALB tuple pointer by using the rIPCBLA tuple key. The rIPCBLA tuple key is printed on the ROP.

683. ISFPCDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DAfpcdl() function. The process control block link area (PCBLA) key is

dumped.

684. ISGETADB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ADB	Audit Mode: elev

Problem:

Given the associate key from the SHDN[] terminal array, the DAGETADB() macro failed to retrieve the analog data block (ADB). The associate key will be dumped and the ADB audit will be scheduled.

685. ISGETDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAgetdalb() failed to obtain a pointer to an rIDALB tuple. The rIDALB tuple key that was passed to the primitive is printed on the ROP.

686. ISGETEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a shared directory number (DN) non-lead answer, an attempt to use the dynamic access (DA) primitive DAGoteda() to obtain the rITEDB tuple pointer by using the rIDALB tuple key was not successful. The rIDALB key is printed on the ROP.

687. ISGETPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAgetpcbla() failed to obtain a pointer to an rIPCBLA tuple. The rIPCBLA tuple key that was passed to the primitive is printed on the ROP.

688. ISGETPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Given the port name, the DAgetptla() function failed to retrieve a port linkage area (PORTLA). The port name from the PORTLA and the dport variable used to get the PORTLA will be dumped. The PORTLA audit will be scheduled to run.

689. ISGETTCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get a timing control block (TCB). The OSCTIMER() macro returned OSENOTCB. This process will be purged.

690. ISGETTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

Given the port name and the termno, the ISTEFRTRM() macro failed to retrieve the associated terminal equipment data block (TEDB). The port and termno are dumped and the TEDB audit will be scheduled.

691. ISGHTEDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAghteda() failed to obtain the head rIDALB tuple from the set owned by the rITEDB tuple. The rITEDB tuple key is printed on the ROP.

692. ISGODPDA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DAgodpda() function could not find an owning rIDPB tuple for the rIDALB tuple.

693. ISGODPTE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When calling the DAgodpte() function, failed to get a pointer to the rIDPB tuple that is associated with an rITEDB tuple. The TEDB audit is scheduled and the rITEDB key that was passed to the DAgodpte() function is printed on the ROP.

694. ISGOTEDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAgoteda() failed to obtain the rITEDB pointer by using the rIDALB tuple key. The rIDALB tuple key is printed on the ROP.

695. ISGRPPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIGROUP_PORT tuple was missing. While reading the RLGROUP_PORT relation for keys from the RLPORT_GROUP relation, a failure code of DBNO_MATCH was returned. A member number of the group was not found in the SM or AM. The global port relation with group and member numbers should have been placed in the SM or AM.

Data Structures:

RLGROUP_PORT. Key fields: grpnum, grptype, member.

In the ROP output, the first variable is the group number, the second variable is the group type (TM_LINE or TM_TRK), and the third variable is the member number.

Action:

Use the information on the ROP to determine the port relation with group and member numbers to be assigned to the SM or AM through standard recent change (RC).

696. ISGSTEDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAGsteda() failed to obtain the successor rIDALB tuple to the specified rIDALB tuple in the ordered set owned by the rITEDB tuple. The rIDALB tuple key is printed on the ROP.

697. ISGTOOSDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

The ISDAFRTE() macro failed to get a pointer to the first D-channel application linkage block (DALB) whose isdn_state is out of service from a terminal equipment data block (TEDB). The TEDB key is invalid or an invalid return was received from the macro. The TEDB key is dumped and the TEDB audit is scheduled to run.

698. ISHHCDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ADB	Audit Mode: elev

Problem:

The DAGhhcdb() function or DARhhcdb() function failed to get an analog data block (ADB) off the idle list. The ADB audit will be scheduled.

699. ISHHCDI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DAahhcdi() function. The disp key is printed.

700. ISICX_ICI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLICX_ICI static relation or the key used to read the relation is invalid.

Data Structures:

RLICX_ICI. Key field: isat_idx.

The isat_idx key is the index of the integrated services attendant (ISAT) hunt group. The key is printed in hex format.

Action:

An rLICX_ICI tuple with the key given on the ROP cannot be found in the static database. Verify that the key is a valid ISAT hunt group member. If it is valid, an rLICX_ICI tuple with that key should exist. If there is no tuple, use ODBE to insert one.

If the key is not valid, an initial modification request (IMR) should be written to document the problem.

701. ISINDISPTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to insert tuples into the RLDISPDB relation failed.

702. ISINTMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The shared call model (SCM) received an unrecognizable internal message from one of its sibling models. The SCM does not know what to do with this message because it was not expected.

703. ISINV_ENVAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected value was received for the enumerated data type. The enumerated value is output on the ROP.

704. ISINVICI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid integrated services digital network (ISDN) call identifier (ICI) was passed as a parameter to a function.

705. ISINVSTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid integrated services digital network (ISDN) display string type (ISDPTYPE) was received.

706. ISINVTERM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

An invalid terminal type (DMCPETYP) was found in an rTEDB tuple. The key to the rTEDB tuple and the invalid terminal type are dumped.

707. ISISAFIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid database read of the RLISAFIDX relation occurred.

Data Structures:

RLISAFIDX. Key field: config.

Action:

Validate the config key dumped on the ROP. If the key is valid, insert the missing rlISAFIDX tuple using RC/V.

708. ISISATGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was encountered when reading the RLISATGRP database relation.

Data Structures:
RLISATGRP. Key field: ISAT_IDX.

Action:
Verify that the key printed on ROP is valid. If so, use RC/V to insert the appropriate missing rllSATGRP tuple.

709. ISISATMBR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A tuple is missing from the RLISATMBR static relation or the key used to access the relation is invalid.

Data Structures:
RLISATMBR. Key field: isat_idx.

The isat_idx key is the index of the integrated services attendant (ISAT) hunt group. The key is printed in hex format.

Action:
An rllSATMBR tuple with the key given on the ROP cannot be found in the static database. Verify that the key is a valid ISAT index. If it is valid, an rllSATMBR tuple with this key should exist. Use ODBE to insert the tuple. Also use RC/V to verify the key.

If the key is not valid, an initial modification request (IMR) should be written to document the error.

710. ISISTGIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An invalid database read of the RLISTGIDX relation occurred.

Data Structures:
RLISTGIDX. Key field: config.

Action:
Validate the key dumped on the ROP. If the key is valid, add the missing rllSTGIDX tuple using RC/V.

711. ISKAMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An attempt to send a message to the keep alive process failed.

712. ISKATPCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An attempt to create a keep alive terminal process (KATP) failed.

713. ISLBRDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCsDB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAIBrda() failed to link the rIBRCSDB tuple to the rIDALB tuple. The rIBRCSDB and rIDALB tuple keys are printed on the ROP.

714. ISLBRDI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: DISPDB	Audit Mode: elev

Problem:

The DAIBrdi() function failed to link the given rIBRCSDB tuple to the given rIDISPDB tuple. On the ROP printout, field 1 is the rIBRCSDB tuple key and field 2 is the rIDISPDB tuple key.

715. ISLIDCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLLID_CF tuple was missing. The logical termination port (ltm_idx) attempting to use a display line feature had one of the display line feature IDs assigned in the RLDNFEATS relation, but there was no rLLID_CF tuple associated with the feature ID.

Data Structures:

RLLID_CF. Key field: feature ID.

RLDNFEATS. Key fields: lead_module, ltm_type, ltm_idx

In the data dump, the first variable shows the display constructed feature ID (hexadecimal) that was expected but not found. The other data identifies the lead_module (decimal), the ltm_type (decimal), and the ltm_idx (decimal) of the requesting ltm_idx.

Action:

Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) or View 5.11 (BRCS FEATURE ASSINGMENT TRUNK MEMBER) to find the display line feature name for the display feature ID found in the data dump. Look at these views for the lead_module, ltm_type, and ltm_idx identified in the dump.

Use the display feature name to define a new display line feature in the RLLID_CF relation via the ISDN BRCS LINE IDENTIFICATION FEATURE DEFINITION view.

If the display feature was assigned through standard office data administration (ODA) or recent change (RC), file a trouble report.

716. ISLINECA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLIS_LINE static relation or the keys used to access the tuple are invalid.

Data Structures:

RLIS_LINE. Key fields: lead module, ltm_idx.

Action:

An rLIS_LINE tuple with the given keys cannot be found in the static database. The keys printed on the ROP are the lead module (SM number) and ltm_idx (logical terminal index); they are printed in decimal format.

Use ODBE to crosscheck the data set for the keys in the RLIS_LINE relation with the actual keys used to access the relation. If the tuple was assigned through standard office data administration (ODA) or recent change (RC), file a

trouble report.

717. ISLPCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered in the DALpcda() function. The process control block link area (PCBLA) pointer and the D-channel application linkage block (DALB2) pointer are printed.

718. ISLPCDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DALpcdl() function. The process control block link area (PCBLA) and the D-channel application linkage block (DALB2) keys are dumped.

719. ISLPMVPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to move a B-channel from one process to another, the LPmvport() function failed to move the channel control block (CCB) linkage to a new process.

720. ISLPODB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The DALPODB() macro failed to link an analog data block (ADB) to a port linkage area (PORTLA). The PORTLA key and the ADB key will be dumped. The PORTLA audit will be scheduled.

721. ISLPTPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPT_PT tuple with the given keys could not be found in the static database. The tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLLPT_PT, RLFC_LINE.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the logical port (LPORT) and logical port type (LPT_TYPE).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

- (1) Verify that the lport and lpt_type key values are valid. Use the ODBE batch read (BR) option to read the RLFC_LINE relation into a *UNIX*[®] file.
- (2) Use a *UNIX*[®] editor or the grep command on this file to find the rLFC_LINE tuple containing the lport and lpt_type that is in the ROP output.

- (3) If the rIFC_LINE tuple is found, use ODBE to insert the appropriate rLPT_PT tuple where:

```
RLlpt_pt.lport=RLfc_line.lport,
RLlpt_pt.lpt_type=RLfc_line.lpt_type,
RLlpt_pt.port=RLfc_line.port.member, and
RLlpt_pt.party=RLfc_line.party.
```

- (4) If the rIFC_LINE tuple is not found, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

722. ISMISCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the RLEDS_CF relation or the RLLID_CF relation. For the RLEDS_CF relation, the attributes nd_prim and nd_dn should not both be set to DBYES. For the RLLID_CF relation, the attributes cnd_prim and cnd_all should not both be set to DBYES.

Data Structures:

RLEDS_CF. Key field: feat_id.

RLLID_CF. Key field: feat_id.

Action:

Use the feat_id key printed on the ROP to access the RLEDS_CF or RLLID_CF relation. Use RC/V (or ODBE, if necessary) to crosscheck the keys in the relation with the actual key used to access the relation. Refer to the population rules for RLEDS_CF or RLLID_CF for correct population of these attributes.

If the tuple was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

723. ISMSGTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A feature control (FC) function received an invalid message type.

724. ISNO2LINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The second rIDALB tuple linkage off of the rIPCBLA tuple is expected to exist, but does not.

725. ISNOBNFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the RLBNFEAT static relation.

Data Structures:

RLBNFEAT. Key fields: config, cpe_comp, button.

The config field is the configuration group ID, cpe_comp is the customer premise equipment (CPE), and button is the feature button number.

Action:

The keys used to read the RLBNFEAT relation are printed in decimal format on the ROP.

Use ODBE to verify that the keys are valid. (A relation can be reviewed by reading it into a file using the batch read (BR) option, then using an editor to look through the file.) Review the RLIS_TERM relation to verify that config is a valid configuration group ID. The cpe_comp number ranges from 0 to 7, and the button number can range from 1 to 254.

Use ODBE to check for a compliment tuple in the RLFEATBN relation that contains this same data. If a tuple is found, the RLBNFEAT keys should match the data in this RLFEATBN tuple. The keys for RLFEATBN are configuration group ID (config), feature ID (FID), and action (action).

If the keys are valid, use RC/V View 12.5 (CONFIGURATION GROUP DEFINITION) to insert the RLBNFEAT tuple.

If the keys are not valid, a trouble report should be filed.

726. ISNOCCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid read of the RLNOCCODE relation occurred.

Data Structures:

RLNOCCODE. Key field: nxx.

Action:

Validate the keys printed on the ROP. If the keys are valid, insert data for the missing rINOCCODE tuple.

727. ISNODALB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

No process control block link area (PCBLA) to D-channel application linkage block (DALB) linkage exists for this terminal process. A PCBLA audit will be scheduled to dump the RLPCBLA relation to the ROP. A DALB audit will automatically be scheduled to dump the RLDALB relation.

728. ISNOFEATBN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rFEATBN tuple with the given keys could not be found in the static database. The tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLFEATBN.

The key fields are the configuration group ID (config), the BRCS feature ID (FID), and the action enumeration (action).

Action:

Use RC/V (or ODBE, if necessary) to verify that the keys printed on the ROP are valid.

1. Review the RLIS_TERM relation to verify that the config key is a valid configuration group ID.
2. Review the RLFACNAME relation to verify that the FID key matches a valid feature ID.
3. Verify that the action key is valid.

Use ODBE to check for a compliment tuple in the RLBNEFEAT relation that contains this same data (there should be one). The keys for RLBNEFEAT are config, customer premise equipment (CPE) module component (cpe_comp), and feature button number (button).

If the keys are valid and the compliment rLBNEFEAT tuple was found, use RC/V View 12.5 (CONFIGURATION GROUP DEFINITION) to insert the rFEATBN tuple.

If the keys are not valid, a trouble report should be filed, that is, write an initial modification request (IMR).

729. ISNOICM1LST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLICM_1LST tuple is missing or one of the keys used to read the RLICM_1LST relation is incorrect.

Data Structures:

RLICM_1LST. Key fields: icmgrp, tens.

Action:

Use RC/V View 4.24 (ISDN INTERCOM GROUP DIALING PLAN) to crosscheck the data in the RLICM_1LST relation with the actual keys that were used to access the relation. If the tuple was assigned through standard office data administration (ODA) or recent change (RC), file a trouble report.

730. ISNOICMTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLICM_TERM tuple is missing or the keys used to read the tuple are invalid.

Data Structures:

RLICM_TERM. Key fields: lport, termno.

Action:

This is a database inconsistency that can only be corrected by manual action. The key fields used to access the relation are printed on the ROP. Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the relation with the actual keys used to access the relation. If the tuple was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

731. ISNRMODS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ISmw_nrsrch() function encountered a model other than MSS_FM, CND_FM, or ISNEAR on the NEAR leg prior to a merge. The model ID of the first invalid model will be dumped on to the ROP.

732. ISOFFICECODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLOFFICECODE relation or an rIOFFICECODE tuple is missing.

Data Structures:

RLOFFICECODE. Key field: noc.

Action:

The noc key printed on the ROP should be used to access the RLOFFICECODE relation. Use RC/V (or ODBE, if necessary) to crosscheck the keys in the relation with the actual keys used to access the relation.

If the noc was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

733. ISOSERNG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the OSCTIMER() macro returned the value OSERANGE. The amount of time to set the timer to was out of range. Could not get a timer. The process will be purged.

734. ISPACK_NLOADED (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Code requiring the software optioned ISDNBRCS package was executed, but the ISDNBRCS package was not loaded.

735. ISPORPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Failed to couple the port with the process with the DACppopc() function. The process control block link area (PCBLA) audit will be scheduled.

736. ISPORTGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPORT_GROUP tuple is missing.

Data Structures:

RLPORT_GROUP.

The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the port (MEMBER), module (MODULE), and party (PARTY).

Action:

Use the information on the ROP to determine the port (member, module, and party) to be assigned through recent change (RC).

737. ISPPGHTEDA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAghteda() failed to obtain the head rIDALB tuple from the set owned by the rITEDB tuple. The rITEDB tuple key is dumped and the process is purged.

738. ISPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The display terminal process in the feature control (FC) subsystem received an error return code from the dynamic access (DA) primitive macro DAGETPTLA(). The rIORTLA tuple key is output on the ROP.

739. ISQ_ISAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ISAT	Audit Mode: elev

Problem:

An attempt to access a tuple in the dynamic relation RLQ_ISAT failed. The rIQ_ISAT tuple key is printed on the ROP.

740. ISQO_ICI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ICI	Audit Mode: elev

Problem:

An attempt to access a tuple in the dynamic relation RLQO_ICI failed. The rIQO_ICI tuple key is printed on the ROP.

741. ISRDATTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to access a tuple in the dynamic relation RLATTM_BLF failed. The rIATTM_BLF tuple key is printed on ROP.

742. ISRDSPLYPAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the Gldisplay global parameter failed.

743. ISRHHCBR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DARhhcbr() failed to remove an rIBRCSDB tuple from the head of the idle list.

744. ISRHHCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DARhhcda() function.

745. ISRHHCDI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DARhhcdi() primitive failed to remove an rDISPDB tuple from the head of the idle list.

746. ISRSBLTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to unlink an rIATTM_BLF tuple from the ordered set owned by an rIATTH_BLF tuple failed. The following data is printed on the ROP in this order: the return value (ret_val) from the DArshbltm() function, the rIATTM_BLF tuple, and the rIATTH_BLF tuple.

747. ISRSHCBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

An attempt to unlink an rIATTH_BLF tuple from the ordered set owned by an rIDB_HEADC tuple failed. The following data is printed on the ROP in this order: the return value (ret_val) from the DArshcbl() function, and the rIATTH_BLF tuple.

748. ISRSTEDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while unlinking the D-channel application linkage block (DALB) from the terminal equipment data block (TEDB) in the DArsteda() primitive. The DALB and TEDB are printed on the ROP.

749. ISRTDNMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRTDN_MHG relation, a failure code of DBNO_MATCH was returned. The rIRTDN_MHG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTDN_MHG. Key fields: noc, digits.

Action:

This is a database inconsistency that can only be corrected by manual action.

750. ISRTMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIRT_MHG tuple is missing. While reading the RLRT_MHG relation for the key from the RLPORT_GROUP relation, a failure code of DBNO_MATCH was returned. The tuple was not found for the group.

Data Structures:
RLRT_MHG. Key field: grpnum.

Action:

This problem is a database inconsistency that can be corrected by manual action. The first variable on the ROP contains the group number. Using the information on the ROP, verify that the group number is assigned for the multi-line hunt group through RC/V.

751. ISSCMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SCMDB	Audit Mode: elev

Problem:

An inconsistency was detected in the RLSCMDB relation by the shared directory number (SHDN) code. The SCMDB audit will be scheduled.

752. ISSCMLPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The input array from the shared call model (SCM) contained a NULL lport value. It should not be NULL.

753. ISSCMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to send a message to the shared call model (SCM) failed.

754. ISSDTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The soft_dalb value in the terminal equipment data block (TEDB) does not match the dalb2 key. The soft_dalb and dalb2 key values are printed on the ROP.

755. ISSENDEXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external message could not be sent to another terminal process in multiway (MW). The process control block link area (PCBLA), a selected set of fields from up to five associated process blocks (APBs), and the in message from the call leg data block (CLDB) are dumped.

756. ISSHDACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unidentified return value was received from the ISsh_dack() function. This function searches for data blocks associated with the calls on this call appearance (CA), then releases the data blocks and the process (if it exists).

757. ISSHSCINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ISsh_scinit() function was called with an invalid reason.

758. ISSOFTSPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This network interconnect (NI-1) problem occurs when the rIBRCSDB tuple's soft_reason field is not consistent with the rITEDB tuple's soft_dalb field. The soft_dalb field is set to a non-NULL value (call is on soft hold) yet the soft_reason field is set to SOFT_H_NONE, or the soft_dalb field is set to a NULL value yet the soft_reason field is not set to SOFT_H_NONE. The call is torn down. Contact your next level of support.

759. ISSOHHOLD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TEDB	Audit Mode: nonseg

Problem:

The soft_dalb field in the rITEDB tuple had been already populated. This means that there is a softheld call.

760. ISTERMARRAY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The lport or associate key was NULL in the shared terminal array. This is not a valid condition. The lport and associate key will be dumped.

761. ISTERMCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the setting the keys used to read the RLIS_TERM relation, or the rIIS_TERM tuple is missing.

Data Structures:

RLIS_TERM. Key fields: lport, termno.

Action:

This is a database inconsistency that can only be corrected by manual action. The first variable on the ROP contains the logical port, and the second variable is the terminal number. Verify that the information on the ROP should be used to access the RLIS_TERM relation. Use RC/V (or ODBE, if necessary) to crosscheck the data in the relation with the actual keys used to access the relation.

762. ISUBRDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAubrda() failed to unlink the rIDALB tuple from the rIBRCSDB tuple. The rIBRCSDB tuple key is printed on the ROP.

763. ISUBRDI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAubrdi() failed to unlink the rIBRCSDB tuple from the rDISPDB tuple. The rIBRCSDB tuple key is printed on the ROP.

764. ISUDISPPAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to update the Gldispdb global parameter failed.

765. ISUMICMGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The intercom (ICOM) group numbers of the originator and the terminator do not match. The rLICM_TERM tuples were improperly populated to give the unmatched ICOM group numbers.

Data Structures:

RLICM_TERM. Key fields: lport, termno.

The ROP output provides the logical sequential number of the ISDN BRCS digital subscriber line (DSL) or shared analog port (lport), the terminal number (termno), the originator's directory number (orig_dn), and the terminator's directory number (term_dn).

Action:

Given the originator's and terminator's directory numbers on the ROP, examine RC/V View 1.45 (ISDN INTERCOM LINE PARAMETERS) by using the directory number and the ICOM feature name as keys. This view displays all ICOM groups with the line as a member. By examining this view for both the originator and terminator, the information regarding the ICOM group can be re-entered correctly.

766. ISUPCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DAupcda() function. The process control block link area (PCBLA) key is dumped.

767. ISUPCDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered in the DAupcdl() function. The process control block link area (PCBLA) pointer is printed.

768. ISXLFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not translate a message into Q9.31 format to send to a terminal. The ISqbrcsend() function returned PSXLFAIL instead of GLSUCCESS.

769. MCRBQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error code was received for the modular queuing phase-II - ringback queuing feature control. An error return was received from a DBfrdtup() function call to read the RLQU_RGBK relation to provide the originator with distinctive ring.

Data Structures:

RLQU_RGBK. Key fields: portgrp.grpnum, portgrp.grptype.

770. MTBADPFMSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized POTS feature model (PFM) state was encountered in the multiway transition (MT) model during a conference or transfer call. The invalid data in the PFM state is dumped and the call is purged.

771. MTBAVALERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting a conference or transfer call, the Rlbavail() function returned a failure condition. The return code from Rlbavail(), the process ID of the controlling terminal process (TP) that the B-channel was being passed to, and the rIBRCSDB tuple pointer for the controlling TP are dumped.

772. MTCLOSERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered during a conference or transfer call attempt. The multiway transition (MT) model (ISmt.sd) could not close a path using the PHclos() function. The controlling terminal process did not return control of the B-channel to this terminal process before sending the MGMRG or MGJOIN ACK message with a status field set to preserve the calls. The the process is purged. The return code from the PHclos() function is printed.

773. MTDALBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred while attempting to transfer or conference a call. In the multiway transition (MT) model (ISmt.sd), the DAfpcda() primitive failed to determine the controller's D-channel application linkage block (DALB) pointer. The return code from the primitive, the process ID of the controlling terminal process, and the DALB pointer returned by the function are dumped.

774. MTOPENERRR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to conference or transfer call. In the multiway transition (MT) model (ISmt.sd), the PHopen() function failed. The return code from the PHopen() function and the process ID of the controlling terminal process are dumped.

775. MTOUTMSGER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The multiway transition (MT) model failed to output an external message during a conference or transfer attempt. The requested destination process ID (PID) and the contents of the message buffer to be sent are dumped. This problem indicates an SDL OUTPUT command or OSSENDMSG() macro error.

776. MTPASSMSGER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred in the multiway transition (MT) model while passing a message from a far process to the multiway calling (MW) controlling process during a conference or transfer call. An error return code was received from the OSLOCALDEL() macro. The destination process ID (PID) for the message and the message buffer are dumped.

777. MTUNEXPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The multiway transition (MT) model received an unexpected internal message. The process control block link area (PCBLA), information from the associated process block (APB), and the message type are dumped. This assert will occur in STATE *, STATE ISMTWRESP, and STATE ISMTWFARPID call processing states. It reports and continues.

778. MTUNLCKER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return code was received from the PHunlock() function in the multiway transition (MT) model while attempting to unlock a path during a conference or transfer attempt. The terminal process is purged. The error code is dumped.

779. MTWGETER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The FCWGETTYPE() macro returned a failure code within the multiway transition (MT) model for an integrated services digital network (ISDN) multiway (MW) conference or transfer call.

780. NOANILHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

An rIAN_ILHB tuple is missing. The tuple will be inserted and the FCLINE audit will run to correct any other problems.

781. NOANOLHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

An rIAN_OLHB tuple is missing. The tuple will be inserted and the FCLINE audit will run to correct any other problems.

782. NOISILHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

An rIIS_ILHB tuple is missing. The tuple will be inserted and the FCLINE audit will run to correct any other problems.

783. NOISOLHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

An rIIS_OLHB tuple is missing. The tuple will be inserted and the FCLINE audit will run to correct any other problems.

Range: fcph**1. FCUNXMSG (5E14 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received.

Probable Cause:

This is most likely a software problem.

Action:

Contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

2. ISBADARG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected parameter was received.

Probable Cause:

This is most likely due to a software problem.

Action:

Contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

Range: fita**1. FCSDNBDBF (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the RLBRCSDb relation for the OSpdb.procno value failed.

2. FI0001 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line (indicated by the port) was marked as having the series completion feature, but it does not have an rIFC_SERCOMP tuple that specifies the directory number of the next line in the series completion group. Either this line should not have the series completion feature, or an rIFC_SERCOMP tuple is missing.

Data Structures:

RLFC_SERCOMP. Key fields: port.member, port.module, party.

In the first word of the data dump, the first two bytes contain port.member, the next byte is filler, and the next byte is port.module. The first five bits of the next word contain party.

Action:

Use RC/V (or ODBE, if necessary) to determine if the line indicated has the series completion feature. If it does, verify that an rIFC_SERCOMP tuple exists that designates the directory number to complete to.

3. FI0003 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the RLFC_LINE relation, a failure code was returned. Either the rIFC_LINE tuple is missing, or an error occurred when setting the keys.

Data Structures:

RLFC_LINE. Key fields: port.member, port.module, party.

In the first word of the data dump, bytes 0-1 contain port.member, byte 2 is filler, and byte 3 contains port.module. In the next word, bits 0-4 of byte 0 contain party.

Action:

Use RC/V (or ODBE, if necessary) to verify that the keys are valid. If the rIFC_LINE tuple is missing, add it.

4. FI0004 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_TRUNK relation, or the rIFC_TRUNK tuple is missing.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

In the first word of the data dump, the first two bytes contain port.member, the next byte is filler, and the next byte is port.module.

Action:

Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the RLFC_TRUNK relation with the actual keys used to access the relation.

5. FI0034 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ownership relation was not the RLRTCONTROL or RLRTCAMPON relation for an announcement or busy verify termination.

6. FI0040 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGLN_TERM message was not present.

7. FI0042 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGANN_TERM message was not present.

8. FI0114 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received from a far process. Additional data is dumped from up to five associated process blocks (APBs). A single process purge is invoked. The layout of the data to be dumped from the APBs is found in the fc/hdr/MCmmsgtxt.L file in the typedef named MCASRT_APB.

9. FIACDENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution system process (ACDSP) received an invalid operating system (OS) event.

10. FIACDIDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A MGACDSMRST message was received with an invalid interprocessor data synchronization (IDS) reason for the automatic call distribution system process (ACDSP).

11. FIACDINF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDINFO	Audit Mode: elev

Problem:

A problem occurred while linking or unlinking an rIACDINFO tuple. Data corruption may be found in the RLACDINFO

relation.

12. FIACDINP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDINFO	Audit Mode: elev

Problem:

A failure occurred while linking an rIACDINFO tuple to an rIACDPOSDB tuple.

13. FIACDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD)/business and residential custom services (BRCS) system process received an invalid message.

14. FIACDPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

No rIACDPOSDB tuple was found for the given rITEDB tuple. The rITEDB tuple key is printed on the ROP.

15. FIACDSPI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown initialization reason was passed to the automatic call distribution (ACD)/business and residential custom services (BRCS) system process.

16. FIACSR_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACSR_GRP tuple is missing. The key to this relation is the automatic customer station rearrangement (ACSR) group ID from the RLDSLEQUIP relation.

Data Structures:

RLDSLEQUIP. Key field: dsl.

RLACSR_GRP. Key field: acsr_gpid.

Action:

Use RC/V (or ODBE, if necessary) to validate the acsr_gpid value for this digital subscriber line (DSL) in the RLDSLEQUIP relation. Then verify that an rIACSR_GRP tuple exists for this acsr_gpid value.

17. FIACSR_OPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIACSR_OPT tuple is missing. The key to this relation is the feature ID from the RLTRMFEATS relation.

Data Structures:

RLACSR_OPT. Key field: feat_id.

RLTRMFEATS. Key fields: lport, lpt_type.

Action:

Use RC/V (or ODBE, if necessary) to validate the feat_id value for this lport and lpt_type in the RLTRMFEATS relation. Then verify that an rIACSR_OPT tuple exists for this feat_id.

18. FIAFICWA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity terminal process received an invalid return code from the RIPOSMGR() macro call while updating the call waiting lamps of the agents.

19. FIAFIGNE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGIN_TPGNE message was received by the automatic call distribution (ACD)/business and residential custom services (BRCS) system process, but the process purged by system integrity (SI) was not the ACD/BRCS feature integrity terminal process.

20. FIAFIMSGNR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity process woke up to receive a message, but the message was not there.

21. FIAFITPI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD)/business and residential custom services (BRCS) system process (ACDSP) could not create the ACD/BRCS feature integrity terminal process (AFITP) due to an invalid program ID for the AFITP.

22. FIAFIUNXTAG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity terminal process received an invalid timer tag.

23. FIAFIUXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity terminal process received an invalid message.

24. FI_ANOUNCE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the keys used to read the RLFC_ANOUNCE relation, or the rIFC_ANOUNCE tuple is missing.

Data Structures:

RLFC_ANOUNCE. Key fields: port.module, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLFC_ANOUNCE relation with the actual keys used to access the relation. If the rIFC_ANOUNCE tuple is missing, use RC/V View 5.1 (TRUNK GROUP) and View 5.5 (TRUNK MEMBER) to insert the tuple. If the keys used to access the relation were not set correctly, notify your next level of support.

25. FIAPCCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to get the head link for the member channel control block communication region (CCBCOM) from its owner process control block link area (PCBLA) using the DAghpccc() and DAghpccc() primitives returned an unexpected failure indicating a possible invalid link from the owner PCBLA to the member CCBCOM.

26. FIAUACDINFO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDINFO	Audit Mode: elev

Problem:

Some attributes in an rIACDINFO tuple were corrupted.

Probable Cause:

The dynamic rIACDINFO tuple was overwritten.

Action:

The ACDINFO audit is scheduled to correct the invalid data.

27. FIAUACDPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

Some attributes in an rIACDPOSDB tuple were corrupted.

Probable Cause:

The dynamic rIACDPOSDB tuple was overwritten.

Action:

The ACDPOSDB audit is scheduled to correct the invalid data.

28. FIAUDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

An error occurred while accessing an rIDALB tuple.

29. FIAUDPb (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An error occurred while accessing an rIDPB tuple.

30. FIAUTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

A failure occurred while accessing the RLTEDB relation. Could not get a correct pointer to the rITEDB tuple.

31. FIBADBRG (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: ACDPOSDB	Audit Mode: elev

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, encountered a failure while trying to apply or lift a time slot interchange (TSI) bridge to or from a call. The call is purged, and the service observing session is terminated. The ACDPOSDB audit is requested.

Probable Cause:

Possibly, corrupted data was encountered.

Action:

The single process purge and associated audits will recover the relevant dynamic data structures.

The first data dump is the process control block link area (PCBLA) of the call that is being bridged, and the second data dump is the PCBLA of the monitoring bridge terminal process. These dumps provide information about the identity of the observed port and the service observing session in case further investigation is considered. The dumps with the single process purge provide additional information about the purged call.

32. FIBADMSG (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was encountered.

33. FIBADPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to a function.

34. FIBADVALUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLTYPE relation contains an invalid tone value in the pctone field.

35. FIBFGPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation CKT_PORT was read with the intent of retrieving a global business and residential custom services (BRCS) feature group (BFG) port name (default service). This is a database inconsistency - contact your next level of support.

36. FIBFGPP_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPP_LTM tuple is missing for a business and residential custom services (BRCS) feature group (BFG). The lead_module key is 0, the ltm_idx key is the BFG ID, and the ltm_type key is LTM_ISDN.

The BFG ID is obtained from the RLFC_LINE relation for analog lines and primary directory number (DN) integrated services digital network (ISDN) basic rate interface (BRI) lines. If the ISDN DN is not primary, the BFG ID is obtained from the RLIS_LINE relation.

Data Structures:

RLPP_LTM. Key fields: lead_module, ltm_idx, ltm_type.

RLFC_LINE. Key fields: port.member(hex), port.module(dec), party(dec).

RLIS_LINE. Key fields: lead_module, ltm_idx.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the RLPP_LTM relation with the actual keys used to access the relation. The ltm_idx key should match the bfgid attribute in the rLFC_LINE tuple keyed with the port assigned the BFG ID or in the rLIS_LINE tuple keyed with the ltm_idx on the specified lead_module assigned the BFG ID. Determine if the rIPP_LTM tuple in question exists. If the tuple does not exist, it must be added if the rLFC_LINE tuple indicates that the port has a BFG assigned or if the rLIS_LINE tuple indicates that the DN has a BFG assigned.

37. FIBSTPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

The serving team identifier (servtm) retrieved from the RLACDPOSDB relation is not valid. This error was found while attempting to read the serving team information relation RLSTINFO during an automatic call distribution (ACD) service assist or ACD emergency call. The AUACDPOSDB audit will be run to correct the problem in the RLACDPOSDB relation.

38. FICLMDSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in a dynamic database read during call processing. Feature control (FC) feature execution (FEX) received an error return code from a dynamic access (DA) primitive. This may be due to an invalid linkage in the call leg data block (CLDB)-model data block (MDB) set. FEX could not recover from this error.

39. FICLSUSPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link or unlink an rLSTPDB tuple from the call leg data block (CLDB). Failed to access the RLSTPDB relation through the linkage from the CLDB when the linkage exists. An audit will be scheduled to clean up the data block.

40. FICPNBNCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the RLCPNBN_CF relation, the key (fid) was wrong or a tuple was missing.

Data Structures:

RLCPNBN_CF. Key fields: fid.

RLDN_FEATS. Key fields: lead_module, ltm_type, ltm_idx, range.

RLFID2NAME. Key fields: facid, class, subclass.

The ROP output provides the FID (feature ID used to read the RLCPNBN_CF relation), the LEAD MODULE (lead module of the directory number [DN] being called, or lead module activating or deactivating the calling party number/billing number [CPN/BN] feature), the LTM_IDX (ltm_idx of the DN), the LTM_TYPE (ltm_type of the DN), and the BFGID (business and residential custom services [BRCS] feature group ID of the DN that is being called or that is activating or deactivating the CPN/BN feature).

Action:

Use ODBE to fix the problem.

1. Determine if this is a valid feature ID for the CPN/BN feature. Use ODBE for processor 0 and the RLFID2NAME relation. The keys for the RLFID2NAME relation are facid, class, and subclass. Specify the FID value from the ROP for the facid key, FACBRCS for class, and SCL_FEAT for subclass.

If the rLFID2NAME tuple is found, the FID is valid; go to the next step. If a tuple is not found, go to step 3.

2. If the FID is found in the RLFID2NAME relation, use ODBE for the SM that generated the assert and the RLCPNBN_CF relation. The key to this relation is the FID value. If an rICPNBN_CF tuple does not exist, consult the office records to determine if a CPN/BN feature should exist for this FID. If a CPN/BN feature should exist, insert the tuple along with the appropriate options (consult the office records for the correct option information).

If an rICPNBN_CF tuple exists, contact the next level of support.

3. Determine if the invalid FID is in the RLDN_FEATS relation for the LEAD_MODULE, LTM_TYPE, and LTM_IDX keys. Use ODBE for the SM that generated the assert for the RLDN_FEATS relation. Use 0 for the range key. Check each fentX.fid attribute for the FID specified in the assert, where "X" can have the values 1 through 6. If there are more than 6 features for this LTM_IDX, other rLDN_FEATS tuples may need to be read using the next value for the range key. When a fentX.fid of 0 is found, there are no more features.

If the FID is not found, go to step 4. If the FID is found in the RLDN_FEATS relation, contact the next level of support.

4. If the FID is not found in step 3 and the BFGID is greater than 0, check the rLDN_FEATS tuple(s) associated with the BFGID. Specify 0 for the lead_module key and the BFGID value for the ltm_idx key. Repeat the same procedure as in step 3.

If the FID is found in the RLDN_FEATS relation, contact the next level of support.

41. FICVALCE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

A problem occurred while allocating or de-allocating an rQV_STATE tuple. This implies a problem with the SM free/idle list.

42. FICVBADS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event occurred during vector processing that implies data corruption.

43. FICVCORD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event occurred during vector processing that implies data corruption.

44. FICVDBRF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed.

45. FICVEBADS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event occurred during vector processing that implies data corruption.

46. FICVLNKE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred while allocating or de-allocating an rIQV_STATE tuple, or when linking with the rIPCBLA tuple of a process.

47. FICVMPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call vectoring model FICVD received a MGTASUCCESS or MGTA_END message from an announcement terminal process (ATP) connected to a music port.

Data Structures:

RLFC_ANOUNCE. Key field: port.

Action:

Check the port type and the machine supplying the music for a match. This call should have been connected to music; however, a message was received indicating that the announcement had completed. If the machine is an announcement unit, use RC/V View 5.1 (TRUNK GROUP) to check the rIFC_ANNOUNCE tuple to verify that ANNC CYCLES is set to 0 and BARGE IN is set to YES.

48. FICVSDLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

A problem occurred while linking or unlinking an rIQV_STATE tuple to/from an rIPCBLA tuple. This implies possible data corruption in one or both tuples.

49. FICVUXEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event occurred during vector processing.

50. FIDATIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the keys used to read the RLDA_TIMER relation, or the rIDA_TIMER tuple is missing.

Data Structures:

RLDA_TIMER. Key fields: servclass, signal, sigtype.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLDA_TIMER relation with the actual keys used to access the relation. If the rIDA_TIMER tuple is missing, use RC/V View 8.5 (TIMING [MISCELLANEOUS]) to insert the tuple. The signal attribute for lines is always FCSSNULL; the start signal attribute is not applicable.

If the keys used to access the relation were not set correctly, notify your next level of support.

51. FIDNFEATS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple with the given keys or the expected feature could not be found in the RLDN_FEATS relation. The tuple or feature is missing, or the keys used to access the tuple are not valid. The keys used to read the tuple and the expected feature (feature ID) are printed on the ROP.

Data Structures:

RLDN_FEATS. Key fields: lead_module, ltm_type, ltm_idx, range.

The lead_module key is the SM number, the ltm_type key is the logical termination index type, the ltm_idx key is the logical termination index, and the range key indicates the group of five tuples (0-4).

Action:

1. Verify that the keys are valid. The lead_module must be between 1 and 192, ltm_type will be 0 or 1, ltm_idx must be between 1 and 4095, and range should be from 0 to 4.
2. Verify that an rIFC_LINE tuple exists for the associated port with the brc_dn attribute set to DBYES.
3. Use ODBE in the batch read (BR) mode to read the RLFC_LINE relation into a *UNIX*® file. Use a *UNIX*® editor to locate the tuple that has the same ltm_type and ltm_idx attribute values as found on the ROP. If the located tuple has the brc_dn attribute marked DBNO, file a trouble report.
4. If the brc_dn attribute in the rIFC_LINE tuple is DBYES, perform the following steps:

- a) Zero the brc_dn bit (DBNO) in the rIFC_LINE tuple.
 - b) Check the rIDN_FEATS tuples that have the same keys with the five possible ranges (0 to 4).
 - c) Note the assigned features in any rIDN_FEATS tuples found.
 - d) Use RC/V View 1.8 (ANALOG LINE/BRCS ASSIGNMENT), View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]), or View 23.8 (DSL/BRCS ASSIGNMENT) to re-insert the features.
5. If the keys are valid but the expected feature is not found, perform the following steps:
- a) File a trouble report.
 - b) Use ODBE to read the RLFID2NAME relation with keys of the feature ID, FACBRCS, and SCL_FEAT. This may map to a specific feature (for example, /CFV) or a wild card feature (for example, /CF*).
 - c) If a wild card feature is found, map it to a corresponding preconstructed or constructed feature.
 - d) Use RC/V View 1.8, View 1.11, or View 23.8 to insert the feature.

52. FIDNLPT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the virtual relation RLDNLPT relation, a failure code of DBNO_MATCH was returned. Either the static relation tuple, RLDN_LPT (the storage form for RLDNLPT) is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLDNLPT. Key fields: dnlpt.locdn, dnlpt.lpt_type, dnlpt.lpt_stype.

The SM on which the relation was read may also be printed in decimal format on the ROP if a cross-processor read was used.

Action:

This is a database inconsistency that can only be corrected by manual action.

- (1) Verify the keys in rIDN_LPT as follows: using ODBE in Batch Read option, find a tuple in rILPT_SPID where `rILPT_SPID.lport == rIDN_LPT.lport` and `rILPT_SPID.lpt_type == rIDN_LPT.lpt_type`
- (2) If the keys are valid, then using ODBE, insert a tuple in rIDN_LPT with the keys LOCDN, LPT_TYPE, LPT_STYPE
- (3) If the rIDN_LPT tuple was assigned through standard office data administration (ODA) or RC/V, file a trouble report.

53. FIDNLPT (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDN_LPT relation, a failure code of DBNO_MATCH was returned. The rIDN_LPT tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLDN_LPT. Key fields: dn_lpt.epdn, dn_lpt.lpt_type, dn_lpt.lpt_styp.

The SM on which the relation was read may also be printed in decimal format on the ROP if a cross-processor read was used.

Action:

This is a database inconsistency that can only be corrected by manual action.

54. FIDSL_EQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDSLEQUIP relation, a failure code of DBNO_MATCH was returned. The rIDSLEQUIP tuple is missing, or the key used to read this relation was not set properly.

Data Structures:

RLDSLEQUIP. Key field: dsl.

Action:

This is a database inconsistency that can only be corrected by manual action.

55. FIDSP_ACN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The display terminal process received an unknown action in a feature activation information element.

56. FIDSP_RMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The display terminal process received an invalid operating system for distributed switching (OSDS) message.

57. FIDSP_SWTCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The display terminal process encountered an unknown case in a switch statement.

58. FIEDSLGPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or inconsistent data was found in the extended digital subscriber line (EDSL) relation RLEDGLPRT. This relation associates a simulated facilities group (SFG) via a modular communications route index (MCRI) to a trunk group for each call by call service provided to the trunk group. The RLEDGLPRT and RLNSFMAP relations provide data for the call by call service selection feature.

Data Structures:

RLEDGLPRT. Key fields: trunk group number, EDSL pre-routing index.

The trunk group number, pre-route index, NSF type, band, carrier ID, bearer capability, and selective class of call

screening (SCOCS) ID are printed on the ROP.

Action:

The trunk group and pre-route index were not associated with an MCRI in the RLEDGLPRT relation. An rLEDGLPRT tuple needs to be added for the offending trunk group and EDSL pre-route index combination. This relation is modified by using RC/V View 5.34 (EDSL CALL BY CALL FEATURES).

Each rLEDGLPRT tuple is associated with an EDSL B-channel trunk group tuple in the RLEDGLTRKG relation. It is not required that an rLEDGLPRT tuple exist for each rLEDGLTRKG tuple.

59. FIEDSLTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLEDGLTRKG relation, a failure code of DBNO_MATCH was returned. The rLEDGLTRKG tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLEDGLTRKG. Key field: trunk group number.

RLFC_TRUNK. Key fields: port.member, port.module.

RLPORT_GROUP. Key fields: port.member, port.module.

RLFC_PORTTYP. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to verify that the trunk group number is valid. The port member and port module dumped on the ROP are used to read the RLPORT_GROUP and RLFC_TRUNK relations. If both relations indicate that the port is a member of the trunk group dumped on the ROP, then the trunk group number is probably valid.

If the trunk group number is valid, and it has a service class of FCEDSL or FCEDSLHM and a logical port type of PCTBCHAN in the RLFC_PORTTYP relation, then determine if an rLEDGLTRKG tuple exists. If the rLEDGLTRKG tuple is not populated, insert the tuple (consult the office records).

If the trunk group assigned to the port in the RLFC_TRUNK relation is different than the one in the RLPORT_GROUP relation, consult the office records and correct trunk group assignment. After correction, manually restore the trunk back to service.

60. FIEODPSOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when reading the static relation RLODPSOP. A user attempted to place an on-demand packet (ODP) call; however, a database error occurred when reading the corresponding rLODPSOP tuple. A database problem exists or the rLODPSOP tuple is missing.

61. FIFAPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSfap() function returned OSNOTLOADED or OSNOTMATCHED when the CCospsmsg() function in the CCSCOMMN package was called from the automatic call distribution (ACD)/business and residential custom services (BRCS) QVTP code in the ACDBASE package.

This should not happen because the code invoking the OSfap() function should not have control unless the common

channel signaling (CCS) packages are loaded and the call is from a CCS trunk.

62. FIFBDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

The pointer returned by the DAGETDPB() macro does not point to the rIDPB tuple. The dport key passed to the DAGETDPB() macro is invalid.

63. FIFBNOTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

No rITEDB tuple was found for the given rIDALB tuple. The rIDALB tuple does not have an owner rITEDB tuple.

64. FIFBTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

The DAghdpte() primitive returned DBNULL_SET. An rITEDB tuple was not found for the rIDPB tuple.

65. FIFCLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the keys used to read the RLFC_LINE relation, or the rIFC_LINE tuple is missing.

Data Structures:

RLFC_LINE. Key fields: port.member(hex), port.module(dec), party(dec).

Action:

This is a database inconsistency that can only be corrected by manual action. The first variable port contains the member and module, the second variable defines the party. Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the RLFC_LINE relation with the actual keys used to access the relation. If the rIFC_LINE tuple was assigned through standard office data administration (ODA) or recent change (RC), file a trouble report.

66. FIFCPORTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when an attempt was made to read the RLFC_PORTTYP relation. The rIFC_PORTTYP tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLFC_PORTTYP. Key fields: port.member, port.module.

Action:

Verify that the keys printed on the ROP are valid. If the keys are valid, use ODBE to verify that the rIFC_PORTTYP tuple does not exist, then insert the tuple. If the keys are not valid, file a trouble report.

67. FIFCTRNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIFC_TRUNK tuple failed. The ROP output contains the SM and port member number. On the SM, the given port was not assigned to a trunk group number (TGN) and member number (MEMB NBR). No equipment number (EN) entry was found for the port on RC/V View 5.5 (TRUNK MEMBER).

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use the OP:CONVERT input message to convert the port member number to an EN. Use RC/V View 5.5 to assign the EN to a TGN and MEMB NBR.

68. FIFC_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_TRUNK relation, a failure code of DBNO_MATCH was returned. The rIFC_TRUNK tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

RLFC_PORTTYP. Key fields: port.member, port.module.

Action:

Use ODBE to verify that the port is valid. The port number and port module dumped on the ROP are used as the keys to read the RLFC_PORTTYP relation. If the port is found in this relation, then it is a valid port.

If the port is valid, check the RLFC_TRUNK relation to determine if a tuple exists for the port. If an rIFC_TRUNK tuple is not populated, insert a tuple (consult the office records). If the port is not valid, the port value is corrupted.

69. FIFPCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfpcda() failed to obtain the D-channel application linkage block (DALB) pointer by using the process control block link area (PCBLA) key. The PCBLA key is printed on the ROP.

70. FIGETDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAgetdalb() failed to obtain a pointer to an rIDALB tuple. The rIDALB tuple key that was passed to the primitive is printed on the ROP.

71. FIGETPTLA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Given the port name, the DAgetptla() function failed to retrieve a port linkage area (PORTLA). The port name from the PORTLA and the variable used to get the PORTLA (OSpdb->port) will be dumped.

Action:

The PORTLA audit will be scheduled to run.

72. FIGOTEDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAgoteda() failed to obtain the terminal equipment data block (TEDB) pointer by using the D-channel application linkage block (DALB) key. The DALB key is printed on the ROP.

73. FIINAFIR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD)/business and residential custom services (BRCS) system process received an invalid reason in the MGAFITERM message.

74. FIINVINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity terminal process received an invalid reason in the MGACDSMRST message.

75. FIINVREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services port administrator (ISPA) terminal process passed an invalid reason code to the FCdslinit() function during initialization of a digital subscriber line (DSL). The valid codes are found in the fc/ISfbdefs.h header file.

76. FIINVRSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity terminal process was created with an invalid reason.

77. FIINVTMR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD) feature integrity terminal process received an error while attempting to allocate a 1 second timer.

78. FIISLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLIS_LINE static relation, or the keys used to access the tuple are not valid.

Data Structures:

RLIS_LINE. Key fields: lead_module, ltm_idx.

Action:

The lead_module (SM number) and ltm_idx (logical termination index) keys used to read the RLIS_LINE relation are printed on the ROP in decimal format.

Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the RLIS_LINE relation with the actual keys used to access this relation. If the RLIS_LINE tuple was assigned through standard office data administration (ODA) or recent change (RC), file a trouble report.

79. FILPT_PT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPT_PT tuple with the given keys could not be found in the static database. The tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLPT_PT, RLFC_LINE. The ROP output indicates the SM number (MOD), the source file and line number, and the keys used to read the relation - the logical port (LPORT) and logical port type (LPT_TYPE).

Action:

Use ODBE to cross-check the data in the indicated SM.

- (1) Verify that the lport and lpt_type key values are valid. Use the ODBE batch read (BR) option to read the RLFC_LINE relation into a *UNIX*[®] file.
- (2) Use a *UNIX*[®] editor or the grep command on this file to find the rLFC_LINE tuple containing the lport and lpt_type that is in the ROP output.
- (3) If the rLFC_LINE tuple is found, use ODBE to insert the appropriate rLPT_PT tuple where:

```
RLlpt_pt.lport =RLfc_line.lport,
RLlpt_pt.lpt_type=RLfc_line.lpt_type,
RLlpt_pt.port=RLfc_line.port.member, and
RLlpt_pt.party=RLfc_line.party.
```

- (4) If the rLFC_LINE tuple is not found, further office dependent data (ODD) inconsistencies may exist. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

80. FILPTSPID (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual relation, rLPTSPID, was read with the given keys and a tuple could not be found in rLPT_SPID (the storage form for LPTSPID), in the static database. The tuple is missing, or the keys used to access the tuple are not valid.

Data Structures:

RLPT_SPID. Key fields: lport, lpt_type.

The lport (logical port) and lpt_type (logical port type) keys used to read the RLLPTSPID relation are printed in decimal format on the ROP. The SM on which the relation was read may also be printed in decimal format if a cross-processor read was used.

Action:

- (1) Verify that the keys are valid.
- (2) If the keys are valid, use ODBE with the batch read (BR) option to read the RLSPID relation and write it into a file.
- (3) Use a *UNIX*® editor or the grep command to find the rISPID tuple with the ckt_lport attribute value that matches the lport value printed on the ROP.
- (4) If the rISPID tuple exists, use ODBE to insert the rLPT_SPID tuple with the keys LPORT and LPT_TYPE. The values for the locdn, npid, and natype attributes are from the rISPID tuple that was found in step 3.
- (5) If the rLPT_SPID tuple was assigned through standard office data administration (ODA) or RC/V, file a trouble report.

81. FILPTSPID (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPT_SPID tuple with the given keys could not be found in the static database. The tuple is missing, or the keys used to access the tuple are not valid.

Data Structures:

RLLPT_SPID. Key fields: lport, lpt_type.

The lport (logical port) and lpt_type (logical port type) keys used to read the RLLPT_SPID relation are printed in decimal format on the ROP. The SM on which the relation was read may also be printed in decimal format if a cross-processor read was used.

Action:

1. Verify that the keys are valid.
2. If the keys are valid, use ODBE with the batch read (BR) option to read the RLSPID relation and write it into a file.
3. Use a *UNIX*® editor or the grep command to find the rISPID tuple with the ckt_lport attribute value that matches the lport value printed on the ROP.
4. If the rISPID tuple exists, use ODBE to insert the rLPT_SPID tuple with the keys LPORT and LPT_TYPE. The values for the epdn, npid, and natype attributes are from the rISPID tuple that was found in step 3.
5. If the rLPT_SPID tuple was assigned through standard office data administration (ODA) or RC/V, file a trouble report.

82. FILTM_PORT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLTM_PORT relation, a failure code of DBNO_MATCH was returned. An rLTM_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLLTM_PORT. Key fields: LTM index.

Action:

This is a database inconsistency that can only be corrected by manual action.

83. FILTSBPORT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access an rILTSBPORT tuple in line time slot bridging (LTSB) failed. Possibly, no tuple exists for the lport key used. This key is supplied from the PCBLA which could be corrupted. A third possible cause is a database error.

Data Structures:

RLLTSBPORT(lport).

Action:

Verify that the rILTSBPORT tuple does not exist for the lport key printed. If it does not exist, verify that the lport key is valid. If lport is valid, add the missing rILTSBPORT tuple.

If the lport key is not valid, the PCBLA was corrupted or the key to the PCBLA was corrupted in the asserting function.

If the lport key is valid and an rILTSBPORT tuple exists for the key, use database system error procedures.

84. FIMBBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, received a message with inconsistent data. The service observing session is terminated suddenly. The observer is disconnected from any call that was being observed.

Probable Cause:

Possibly, the message was corrupted.

Action:

The first data dump contains the process control block link area (PCBLA) of the process that received the message. The lport field identifies the party being observed. The second data dump contains the received message. The errcode variable on the asserting function's stack pinpoints the location of the problem. Analyze this data to determine the nature of the problem.

85. FIMBBADPAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, called a function that was passed a parameter with an invalid value. The service observing session is terminated suddenly, and the observer is disconnected from any call that was being observed.

Action:

The first data dump contains the process control block link area (PCBLA) of the process that received the message.

The lport field identifies the party being observed. Data on the asserting function's stack identifies the values of the parameters being passed. The stack trace identifies the calling function. Analyze this data to determine the nature of the problem.

86. FIMBBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, encountered an unexpected return value from a function call. The service observing session is terminated suddenly, and the observer is disconnected from any call that was being observed.

Action:

The data dump contains the process control block link area (PCBLA) of the process that received the message. The lport field identifies the party being observed. Data on the asserting function's stack identifies the value of the invalid return code, as well as the location where the problem was encountered. Analyze this data to determine the nature of the problem.

87. FIMBBADSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, was in an invalid state. The service observing session is terminated suddenly, and the observer is disconnected from any call that was being observed. A process control block link area (PCBLA) audit is scheduled automatically.

Probable Cause:

Possibly, data in the process control block link area (PCBLA) was corrupted.

Action:

The first data dump contains the PCBLA of the process that received the message. The lport field identifies the party being observed. The second data dump contains data associated with the event that encountered the invalid state. Data on the asserting function's stack identifies the internal signal that was being handled, and the value of the invalid state. Analyze this data to determine the nature of the problem.

88. FIMBNOMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, failed to retrieve a message from the operating system (OS) that was guaranteed to be available. The service observing session is terminated suddenly. The observer is disconnected from any call that was being observed.

Probable Cause:

Possibly, operating system for distributed switching (OSDS) data corruption occurred.

Action:

The process control block link area (PCBLA) of the process that could not retrieve the message is dumped. The lport field identifies the party being observed. The errcode variable on the asserting function's stack further pinpoints the location of the failure. Analyze this data and other data in the PCBLA to determine the cause of the problem.

89. FIMBUNEXP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, received an unexpected event. The service observing session is terminated suddenly. The observer is disconnected from any call that was being observed.

Probable Cause:

Possibly, operating system for distributed switching (OSDS) data corruption occurred.

Action:

The process control block link area (PCBLA) of the process that received the unexpected event is dumped. The lport field identifies the party being observed; the farpid field identifies the OSDS process ID of the observer's process. The reason variable on the asserting function's stack identifies the nature of the unexpected event. This data should be analyzed to determine the cause of the problem.

90. FIMBUXMG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A monitoring bridge terminal process used for automatic call distribution (ACD)/business and residential custom services (BRCS) service observing, received an unexpected message from the observer's terminal process. The service observing session is terminated suddenly, an interrupt message is sent to the observer's process, and the observer is disconnected from any call that was being observed. A switch cut-off may be reported.

Probable Cause:

Possibly, data corruption or message corruption occurred.

Action:

The first data dump contains the process control block link area (PCBLA) of the process that received the message. The lport field identifies the party being observed. The second data dump contains the received message. The errcode variable on the asserting function's stack pinpoints the location of the problem. Analyze this data to determine the nature of the problem.

91. FIMPGPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when reading the RLPSGP_PRT relation in the packet switching modem call processing (PSMCP) function FCmpbd(), which gets the billing directory number (DN), in module FCpsmp.

92. FIMPMSGERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSsendinj() function returned the PSERROR code in the packet switching modem call processing (PSMCP) function FCmpbd() in module FCpsmp. The PSERROR return code indicates that the message could not be sent due to a user input error, that is, the message length could be too long.

93. FINFTLDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-fatal DBfrdtup() primitive error occurred. Recovery is possible with assumptions made about the inaccessible tuple, processing may continue.

94. FINOBNFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLBNFEAT static relation, or the keys used to access this relation are not valid.

Data Structures:

RLBNFEAT. Key fields: config, cpe_comp, button.

The config key is the configuration group ID, cpe_comp is the customer premise equipment (CPE), and button is the feature button number.

Action:

The keys used read the RLBNFEAT relation are printed in decimal format on the ROP.

1. Use ODBE to verify that the keys are valid. Use the batch read (BR) option to read a relation into a file, then use a *UNIX*[®] editor to look through the file.

a. Review the RLIS_TERM relation and verify that the config key is a valid configuration group ID.

b. The cpe_comp number ranges from 0 to 7.

c. The button number can range from 1 to 254.

2. Use ODBE to check for a compliment rIFEATBN tuple that contains this same data, the tuple may or may not exist depending on the feature assigned to the button. If a tuple is found, the rIBNFEAT tuple keys should match the data in this rIFEATBN tuple. The keys for the RLFEATBN relation are configuration group ID (config), feature ID (fid), and action (action).

3. If the keys are valid, use RC/V View 12.5 (CONFIGURATION GROUP DEFINITION) to insert the rIBNFEAT tuple.

4. If the keys are not valid, file a trouble report; that is, write an initial modification request (IMR).

95. FINOCCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid read of the RLNOCCODE relation occurred.

Data Structures:

RLNOCCODE. Key field: nxx.

Action:

Validate the nxx key field printed on the ROP. If it is valid, insert data for the missing rINOCCODE tuple.

96. FINOCTINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the key used to read the RLCQPARM relation, or the rlcqparm tuple is missing.

Data Structures:

RLCQPARM. Key field: call_que (ACD call queue).

Action:

Verify that the call_que key printed on the ROP is valid; the range is from 1 through 999. If the key is valid, use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLCQPARM relation with the actual key used to access the relation. If the tuple is missing or if the key used to access the relation was not set correctly, notify your next level of support.

The RLCQPARM relation is updated by RC/V View 6.4 (ACD CALL QUEUE).

97. FINOE9ACD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The psap flag for this ACD_DN or DAA_DN is set to Y. Since ACD E911 special feature has not been purchased, this flag must be set to N.

Data Structures:

RLACD_DN, RLDAAC_DN key fields: noc, digits.

Action:

This database inconsistency needs to be corrected by manual action. The noc key printed on the ROP should be used to access the RLOFFICECODE relation. Use RC/V (or ODBE, if necessary) to crosscheck. Use Recent Change/Verify(RC/V) view 4.15 (ACD and DAA TN Assignment) to correct the PSAP field.

98. FINOFEATBN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when an attempt was made to read the RLFEATBN relation. The rifeatbn tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLFEATBN. Key fields: fid, config, action.

Action:

Verify that the keys printed on the ROP are valid. If the keys are valid, use ODBE to verify that the rifeatbn tuple does not exist then insert the tuple. If the keys are not valid, file a trouble report.

99. FINO_FENPA (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The far-end NPA was not populated for this trunk group and it must be populated since the npasrc field indicates to use the far-end NPA.

Data Structures:

RLRT_TRKG, key = grpnum.

Action:

Use RC/V to populate the FAR END NPA field on RC/V View 5.1 (TRUNK GROUP).

100. FINOSTINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the key used to read the RLSTPARM relation, or the rLSTPARM tuple is missing.

Data Structures:

RLSTPARM. Key field: serv_tm (serving team).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLSTPARM relation with the actual key used to access the relation. If the rLSTPARM tuple is missing, use RC/V View 6.1 (SERVING TEAM) to insert the tuple.

If the keys used to access the relation were not set correctly, notify your next level of support.

101. FINPASRC (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The NPA SOURCE field was not populated for this PRI trunk and CALLING PARTY SCREENING is turned on for the trunk. In order to screen seven digit calling party numbers, an NPA must be prefixed. This field tells where to get the NPA, so it must be populated when screening is turned on.

Data Structures:

RLEDSDLTRKG: key field: grpnum.

Action:

Use RC/V to populate this data in the NPA SOURCE field on RC/V View 5.1 (TRUNK GROUP).

102. FINSFMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred for the RLNSFMAP relation. This relation along with the RLEDGLPRT relation is read when an extended digital subscriber line (EDSL) primary rate interface (PRI) origination requires a simulated facilities group (SFG).

Based on the originating trunk group and the pre-routing index (RLnsfmap.eptidx2) for a requested call-by-call feature, the RLEDGLPRT relation is read to determine the modular communications route index (MCRI). The MCRI is used to hunt for a SFG. An rLNSFMAP tuple is associated with one or more trunk groups and must have a corresponding rLEDGLPRT tuple. The rLNSFMAP tuple keys (NSF type, band, carrier ID, facility number, bearer capability, and selective class of call screening (SCOCS) ID) and the originating trunk group are printed on the ROP. The RLNSFMAP relation is updated via RC/V View 5.34 (EDSL CALL BY CALL FEATURES).

103. FINULPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A macro called to retrieve a portname has failed to successfully read either FC_PORTTYP or CKT_PORT. The calling function or macro was returned a value of GLNULPORT. This is a database inconsistency - contact your next

level of support.

104. FIODBBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The on-demand packet (ODP) terminal process did not recognize its own internal state. The terminal process is purged. The state is a value set by the terminal process to control its actions. The value is stored in the process control block link area (PCBLA). The PCBLA was corrupted or an error caused an unknown value to be written into this field.

105. FIODBERRMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The on-demand packet (ODP) terminal process received an unexpected message from the system (that is, not a Q.931 message). This message is ignored. The system should not send this type of message to the terminal process, or the terminal process needs to be reworked to handle this message type.

This assert should not fire due to customer actions from the customer premises equipment (CPE). This assert should only react to normal operating system for distributed switching (OSDS) messages from other processes in the switch.

106. FIODBPHR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the on-demand B-channel (ODB) terminal process, an unrecognized task type was received in an MGL3X25R message from the protocol handler (PH). A PH sent a message to an on-demand packet (ODP) terminal process that it is not prepared to handle. This should not happen. The terminal process ignores the message.

107. FIODBSPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSSendin() function failed to send a message from the on-demand packet (ODP) terminal process to the protocol handler (PH). The SMP could not communicate with the PH assigned to this ODP user. The PH could be out of service and not spared, or there could be a system communication failure. This assert does not fire for the return code PSRESRCE, which indicates that the packet interface (PI) first-in first-out (FIFO) queue is full and the send did not occur.

108. FIODBUNR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The on-demand packet (ODP) terminal process was entered for an unknown reason. This should never happen and indicates an unstable system. The process is purged. The terminal process can be entered as a result of the OSMCREATE(), OSREPLACE(), OSMSG(), or OSTIMEOUT() macro. If there is another valid entry reason, it must be added to the process.

109. FIODBWGM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The on-demand B-channel (ODB) terminal process received an unexpected return value from the OSWGETMSG() macro. The error is ignored and the terminal process will continue. Recognized returns from the OSWGETMSG() macro in the terminal process are OSMSG and OSTMEOOUT. If there is another valid return, it should be added to the terminal process.

110. FIOFFICECODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the key used to read the RLOFFICECODE relation, or the rLOFFICECODE tuple is missing.

Data Structures:

RLOFFICECODE. Key field: noc.

Action:

This is a database inconsistency that can only be corrected by manual action. The first variable printed on the ROP is the noc (decimal) that was expected, but not found. Use the noc key to access the RLOFFICECODE relation.

Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the RLOFFICECODE relation with the actual keys used to access the relation.

If the noc was assigned through standard office data administration (ODA) or recent change (RC), file a trouble report.

111. FIOPSTLVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected delay level was encountered in the MGACQUEUED message after an automatic call distribution (ACD)/business and residential custom services (BRCS) call was queued for standard delay treatment.

Probable Cause:

An error is in the provisioned data for standard delay.

Action:

Correct the specified delay levels for standard delay.

112. FIORNOCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICQPARM tuple was not found for the call_que key. A database inconsistency exists between the RLSTPARM and RLCQPARM relations.

Data Structures:

RLCQPARM.

Action:

Search the RLCQPARM relation for a tuple with the call_que key. If none is found, use RC/V to insert an rICQPARM tuple. If an entry exists, contact the product engineering control center (PECC) and write an initial modification

request (IMR).

113. FIPACK_NLOADED (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Code requiring the software optioned ISDNBRCS package was executed, but the ISDNBRCS package was not loaded.

114. FIPCOPSPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

In the file fita/Flacdqv/Flcrtpcop.c, an error return was received from the DAgetpcbla() primitive when attempting to obtain a pointer to the newly created call forwarding (CF) terminating terminal process's process control block link area (PCBLA).

Action:

The new terminal process is purged. The first data dump contains the process ID of the newly created process. The second data dump contains the return value from the DAgetpcbla() primitive.

115. FIPEDSGRP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLEDs_GRP tuple is missing. The calling name on PRI feature is assigned, but the defined EDS group is not found. The information displayed on the ROP includes the EDS_GRP tuple that was unmatched, the module and the PRI group.

Data Structures:

RLEDsLTRKG. Key field: grpnum.
RLEDs_GRP. Key field: eds_grpid.

The first variable on the ROP output is the unmatched EDS group tuple. The other variable identifies the PRI group number ID that has the invalid EDS group ID. All variables are in decimal.

Action:

This is a database inconsistency that can be corrected only by manual action.

Use RC/V View 5.1 (TRUNK GROUP) and RC/V View 4.38 (ELECTRONIC DIRECTORY SERVICE) to verify correct data was entered. Check with ODBE that the correct rLEDs_GRP tuple is on the affected SM. If not, insert the tuple. One can then examine the other SMs that use the given rLEDs_GRP to confirm the data.

If the EDS feature was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

116. FIPORTGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the RLPORT_GROUP relation for a key from the RLPCBLA relation, a failure code of

DBNO_MATCH was returned. The port was not found in the RLPORT_GROUP relation.

Data Structures:

RLPORT_GROUP. Key field: port.

Action:

This is a database inconsistency that can be corrected by manual action. The first variable contains the port (member and module) from the RLPCBLA relation. Using the information on the ROP, determine the port (member and module) to be assigned through recent change (RC).

117. FIPP_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line or trunk has the precedence and preemption (PP) feature assigned in the RLDN_FEATS relation and the data for the port is in the RLPP_LTM or RLPP_TRUNK relation, but there is no corresponding data in the RLPP_CF relation. When attempting to read the RLPP_CF relation, a failure code of DBNO_MATCH was returned. An rIPP_CF tuple is missing or the keys used to read the relation were not set properly.

Data Structures:

RLPP_CF. Key fields: port, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the precedence and preemption feature assignment data on the indicated line or trunk. For lines, see RC/V View 1.11 (BRCS FEATURE ASSIGNMENT LINE) or the RLDN_FEATS relation. For trunks, see RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation. Obtain the keys to the RLDN_FEATS relation from the RLFC_LINE or RLPORT_GROUP relation. The output data shows the port by module and member as well as the feat_id that is associated with the port in the RLPP_LTM or RLPP_TRUNK relation. For lines, see RC/V View 1.31 (PRECEDENCE AND PREEMPTION LINE PARAMETERS) or the RLPP_LTM relation. For trunks, see RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation.

Corresponding feature description data should exist in the RLPP_CF relation for the feature that the assert indicates does not exist. See RC/V View 12.31 (PRECEDENCE AND PREEMPTION FEATURE DEFINITION) or the RLPP_CF relation.

118. FIPP_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when an attempt was made to read the RLPP_LTM relation. The rIPP_LTM tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLPP_LTM. Key fields: lead_module, ltm_idx, ltm_type.

Action:

Verify that the keys printed on the ROP are valid. If the keys are valid, use ODBE to verify that the rIPP_LTM tuple does not exist then insert the tuple. If the keys are not valid, file a trouble report.

119. FIPP_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trunk has the precedence and preemption feature assigned in the RLDN_FEATS relation, but there is no corresponding data in the RLPP_TRUNK relation.

When attempting to read the RLPP_TRUNK relation, a failure code of DBNO_MATCH was returned. An rIPP_TRUNK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_TRUNK. Key fields: port, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to examine the precedence and preemption feature assignment data on the indicated trunk. See RC/V View 5.11 (BRCS FEATURE ASSIGNMENT TRUNK MEMBER) or the RLDN_FEATS relation.

The output data shows the port by module, member, and feat_id. Corresponding trunk parameter data should exist for that port. See RC/V View 5.31 (PRECEDENCE AND PREEMPTION TRUNK PARAMETERS) or the RLPP_TRUNK relation.

120. FIPRIFEATS (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the RLPRIFEATS relation, or the key used to read this relation was not set correctly.

Data Structures:

RLPRIFEATS. Key field: prigrp

Action:

Use RC/V View 5.2 (PRI GROUP ASSIGNMENT) (or ODBE, if necessary) to cross check the data for the key in the RLPRIFEATS relation with the actual key used. If the tuple is missing, add it. If the key used to access the relation was set incorrectly, notify the next level of support.

121. FIPRISTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

An error occurred while accessing an rIPRISTAT tuple.

122. FIPSSENDASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The PSBADDATA return code was received from the PSmsadt() or PSmsudt() function, which indicates invalid data in the D-channel application linkage block (DALB).

123. FIQVINVST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid routing state (rtg_state) was used in the Flacdrerte() or Flcvroute() function.

Action:

Check the routing states in the file fita/Flacdqv/Flacdrerte.h.

124. FIQVUXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the QVTP in the automatic call distribution (ACD)/business and residential custom services (BRCS) rerouting code. In the Flacdrerte() function, the msghead, return value, and the routing state are dumped. In the Flcvroute() function, the msghead, routing status, and the routing state are dumped.

Action:

Determine if the Flacdrerte() and Flcvroute() functions should be explicitly checking for the message received and determine the action to be taken.

125. FIQVUXPROC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by QVTP in the automatic call distribution (ACD)/business and residential custom services (BRCS) code from a process that was not previously a far process of the QVTP in the Flqvrelay() function (i.e. before PHjoin and MGCHG_FPID). A dump of msghead.from indicates the process that sent the message.

Probable Cause:

The call was transferred or forwarded.

Action:

Determine where the call was from and if action should be taken in the code to account for this problem. Currently no action is taken.

126. FIQVUXSTATUS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected status was detected in the Flcvroute() function. The rtg_status value was set incorrectly. This value will be dumped.

Action:

Verify that the rtg_status used is defined in the file fita/Flacdqv/Flacdrerte.h

127. FIQVUXTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Flacdrerte() function received an unexpected acdtype value in the MGLN_TERM message. The valid acdtypes are FI_INTRFLW and FI_DAA.

Probable Cause:

The message data is corrupted, or Flacdrerte() was not the appropriate function to call.

Action:

Verify that Flacdrerte() is the correct function to call. This function is only called for automatic call distribution (ACD)/business and residential custom services (BRCS) rerouting of a direct agent access (DAA) or INTERFLOW

call.

If a DAA or INTERFLOW call is being rerouted, verify that the MGLN_TERM message was populated with the correct acctype before calling the Flacdrerte() function.

128. FIRTDNMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when the RLRTDNMOD relation was read. The rIRTDNMOD tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLRTDNMOD. Key fields: NOC, D4D3[0] (1000's digit), D4D3[1] (100's digit).

Action:

Verify that the keys printed on the ROP are valid. The normalized office code (NOC) must be in the range 0-250.

If the keys are valid, use ODBE to verify that the rIRTDNMOD tuple does not exist, then insert the tuple. If the keys are not valid, file a trouble report.

129. FIRT_DNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of DBNO_MATCH was returned when the RLRT_DNTRAN relation was read. The rIRT_DNTRAN tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLRT_DNTRAN. Key fields: NOC, digits.

Action:

Verify that the keys printed on the ROP are valid. The normalized office code (NOC) must be in the range 0-250. Digits consists of four digits.

If the keys are valid, use ODBE to verify that the rIRT_DNTRAN tuple does not exist on the SM indicated, then insert the tuple. If the keys are not valid, file a trouble report.

130. FIRT_SCRNING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_SCRNING relation to get the charge index (charge_x) using the screen index, dest_x, and prefix keys, a failure code of DBNO_MATCH was returned. The rIRT_SCRNING tuple is missing for the specified keys.

Data Structures:

RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys for correctness. If the rIRT_SCRNING tuple is missing, use RC/V View 10.11 (CHARGE INDEX EXPANSION [CHARGING]) (or ODBE, if necessary, for the RLRT_SCRNING relation) to add the missing tuple.

131. FIRT_TRKG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_TRKG relation, a failure code of DBNO_MATCH was returned. The rLRT_TRKG tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLRT_TRKG. Key fields: grpnum.

Action:

Use ODBE to verify that the trunk group is valid. Check the RLRT_TRKG relation to determine if a tuple exists for the trunk group. If the rLRT_TRKG tuple is not populated, insert a tuple (consult the office records).

132. FISCRANG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISC_RANGE tuple is missing or the keys (pbx_id and tuple_idx) used to read this relation are wrong. This problem does not affect the call.

Data Structures:

RLSC_RANGE. Key fields: pbx_id, tuple_idx.

RLFC_TRUNK. Key fields: port.module, port.member.

RLRT_TRKG. Key field: tgroup.

RLGROUP_PORT. Key fields: tgroup, member.

Action:

The following steps are a series of checks to determine if the problem was caused by a software error or a data error. If the problem was caused by a software error, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on how to contact your next level of support and give them the information you have collected to that point.

If the problem was caused by a data error, consult the population rules to double check and/or correct the error. Use caution when dealing with the population rules as the relations mentioned above are networked, and changing one incorrectly can have a detrimental effect on others.

- (1) Use RC/V View 7.5 (CALLING PARTY NUMBER SCREENING RANGES) to review the RLSC_RANGE relation using the pbx_id and tuple_idx obtained from the ROP as keys.
- (2) Count the number of ranges in View 7.5 and, using the tuple_idx obtained from the ROP, verify that the following equation is true: $\text{number of ranges} \geq (5 * \text{tuple\_idx})$. If the equation is false, there is a software error; contact your next level of support. If the equation is true, go to the next step.
- (3) Using the tgroup value obtained from the ROP as they key, review RC/V View 5.1 (TRUNK GROUP) to see if the pbx_id found there matches the pbx_id used in View 7.5.
 - (a) If the pbx_id values do not match, there is a data error.
 - (b) If the pbx_id values match, use ODBE to read the RLGROUUP_PORT relation (using the tgroup and port.member obtained from the ROP as keys) and see if the extended digital subscriber line (EDSL) trunk group member is in the SM that the assert fired from. If it isn't, there is a software error. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. If it is, there is a data error.

133. FISHTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSHTERM relation, a failure code of DBNO_MATCH was returned. The rLSHTERM tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLSHTERM. Key fields: lead module, LTM index, range.

Action:

This is a database inconsistency that can only be corrected by manual action.

134. FISPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rSPID tuple is missing, but an rIACSR_USR tuple exists for the epdn field value specified.

Data Structures:

RLSPID. Key fields: natype, npid, epdn.

RLACSR_USR. Key field: epdn.

Action:

Use RC/V (or ODBE, if necessary) to determine if an rIACSR_USR tuple exists for this epdn value. If this tuple is found, populate an rSPID tuple with the same epdn or delete the rIACSR_USR tuple.

135. FI_TAG_MAP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The call tag allocation algorithm for the ISDN PRI two B-channel transfer (TBCT) notification to controller (NTC) feature failed to allocate a call tag for a transferred call because all of the call tags in the bit map were marked as busy.

Probable Cause:

Call tags are not being released.

Action:

The process control block link area (PCBLA) audit is scheduled to free up any stuck call tags.

136. FITATYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the key used to read the RLTATYPE relation, or the rITATYPE tuple is missing.

Data Structures:

RLTATYPE. Key field: tatype.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLTYPE relation with the actual key used to read the relation. If the RLTYPE tuple is missing, use RC/V View 10.1 (FIXED ROUTE [ROUTING]) to insert the tuple. If the key used to access the relation was not set correctly, notify your next level of support.

137. FITERMCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the keys used to read the RLIS_TERM relation, or the RLIS_TERM tuple is missing.

Data Structures:

RLIS_TERM. Key fields: lport, termno.

Action:

This is a database inconsistency that can only be corrected by manual action. The first variable contains the logical port and the second variable contains the terminal number. Use the information on the ROP to determine if this data should be used to access the RLIS_TERM relation. Use RC/V (or ODBE, if necessary) to crosscheck the data in the relation with the actual keys used to access the relation.

138. FITPCBADPID (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in fita/Flacdc/core/Fitpc_crt.c. While creating either feature or display terminal process, an error was returned. This assert will also fire if Fitpc_crt() is unable to send a message using OSSENDMSG.

139. FITPCINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid third party call request message has been passed to the Flfindtpc() function to locate the terminal process.

140. FITPCIPG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to create a third party call control ring-back terminal process (GLPGTPC).

141. FITPCSP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in fita/Flacdc/core/Fitpcorig.c. During the creation of a ringback terminal process for third party call control, an error return was received from the DAggetpcbl(), DAcppopc(), or Rlupdat_b() function after the process was just created. The ringback terminal process is purged. The first data dump contains the process ID of the process to be purged or the gport. Study the stack frame dump to gain further insight into this assert.

142. FITPCSP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in fita/Flacdc core/Fitpcorig.c. During the creation of a ringback terminal process for third party call control, an error return was received from the DARhhcbr(), DALbrda(), or DAfpcda() primitive. The newly create terminal process is purged. The first data dump contains the error return. The second data dump contains the contents of the appropriate business and residential custom services data block (BRCSDB). Study the stack frame dump to gain further insight into this assert.

143. FITPCSP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in fita/Flacdc core/Fitpcorig.c. During the creation of a ringback terminal process for third party call control, an error return was received from the RTbusysa(), Rlalloccre() or Rladdalb() primitive. The newly created terminal process is purged. The first data dump contains the error return from the primitives. The second data dump contains the port member on which the operation was to be performed. Study the stack frame dump to gain further insight into this assert.

144. FITPCSP1 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in fita/Flacdc core/Fitpc_crt.c. An error return was received from the DAGETPCBL macro. The newly created terminal process is purged. The first data dump contains the process ID of the process to be purged. The second data dump contains the relevant rIPCBLA. Study the stack frame dump to gain further insight into this assert.

Probable Cause:

Process ID is bad.

Action:

Newly created process will be purged and cleaned up.

145. FITPCSP2 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

An exception occurred in fita/Flacdc core/Fitpc_crt.c During the creation of a feature or display terminal process, an error return was received from the DARhhcda() primitive when attempting to access a D-channel application linkage block (DALB). The first data dump contains the D port that the DALB is associated with. The newly created terminal process is purged and the DALB audit is run. Study the stack frame dump to gain further insight into this assert.

Probable Cause:

Idle link list of DALBs is corrupted.

Action:

Purge newly created process and run DALB audit.

146. FITPCSP3 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

An exception occurred in fita/Flacdc core/Fitpc_crt.c. An error return was received from the DAahteda() primitive

when attempting to link D-channel application linkage block (DALB) to the terminal equipment data block (TEDB).

The first data dump contains the relevant rITEDB tuple. The second data dump contains the relevant rIDALB tuple. The newly created terminal process is purged and the audit is called.

Probable Cause:

Corrupted dynamic data.

Action:

Purge newly created process and run TEDB audit.

147. FITPCSP4 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An exception occurred in fita/Flacdc/core/Fitpc_crt.c. During the creation of a feature or display terminal process, an error return was received from the DAahdpda() primitive when attempting to link a D-channel application linkage block (DALB) data block to the D-channel port block (DPB). The first data dump contains the relevant rITEDB tuple. The second data dump contains the relevant rIDALB tuple. The third data dump contains the D port that the DALB was to be linked to. The newly created terminal process is purged and the DPB audit is run. Study the stack frame dump to gain further insight into this assert.

Probable Cause:

Corrupted dynamic data.

Action:

Purge newly created process and run DPB audit.

148. FITPCSP5 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in fita/Flacdc/core/Fitpc_crt.c. During the creation of a feature or display terminal process, an error return was received from the DALpcda() primitive when attempting to link the D-channel application linkage block (DALB) to the process control block link area (PCBLA) of the newly created terminal process. The first data dump contains the relevant rITEDB tuple. The second data dump contains the contents of the DALB that was to have been linked to the PCBLA. The third data dump contains the appropriate D port data block. The newly created terminal process is purged. Study the stack frame dump to gain further insight into this assert.

Probable Cause:

Dynamic data linkage is bad.

Action:

Purge the newly created process.

149. FITPUNXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by a terminal process other than the originating terminal process (OTP) or terminating terminal process (TTP). The message, the far process ID from the process control block link area (PCBLA), and the terminal equipment data block (TEDB) information are dumped to the ROP. The port that received the unexpected message is also dumped. The port information starts at the fifth byte after the far process

ID.

This assert returns to the calling function with no affect on call processing. No audits are scheduled. The data printed on the ROP is used to determine the process that sent the message. Contact your next level of support.

150. FITSM_BMAP (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLTSMBMAP relation, or the rITSMBMAP tuple is mssing.

Data Structures:

RLTSM_BMAP. Key fields: TSM monitored LPORT.

151. FITSM_BTN (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLTSMBTN relation, or the rITSMBTN tuple is missing.

Data Structures:

RLTSM_BTN. Key Fields: Monitoring LPORT, Monitoring Stored_parameter.

Action:

This is a database inconsistency that can only be corrected by manual action.

152. FITSMTRING (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the RLTSMTTRING relation, a failure code was returned. Either the rITSMTTRING tuple is missing or an error occurred when population the keys.

Data Structures:

RLTSMTTRING.

Key Fields: Monitored SM, Monitored LTM_TYPE, Monitored LTM_IDX

Action:

Use ODBE to read RLLTM_PORT with the LTM_IDX from the ROP output and retrieve the port and party information. Read either RLFC_LINE with the port and party information or execute an "OP:CONV,PORT=x-y (where x = SM, y= port)" to determine the DN.

Once the DN has been determined, use RC/V Views 1.8 (ANALOG LINE/BRCS ASSIGNMENT) or 23.2 (DIGITAL SUBSCRIBER LINE) to verify that this is a monitored terminal and if so, populate RC/V View 23.24 with the monitoring DNs associated with this monitored DN.

153. FIUNXMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received from the far process. The NI feature terminal process (FTP) received an unexpected return value from the OSWGETMSG() macro. Recognized return values from the OSWGETMSG()

macro to the NI FTP are OSMSG or OSTIMEOUT.

154. FIUUICHK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The primary rate interface (PRI) user to user information (UUI) screening function Fluuichk() received a message that is not recognized. The message type is printed on the ROP.

155. FIWBTBLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLWBTBLOCK relation, a failure code of DBNO_MATCH was returned. The rLWBTBLOCK tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLWBTBLOCK. Key fields: trunk group number, trunk block.

RLFC_TRUNK. Key fields: port.member, port.module.

RLPORT_GROUP. Key fields: port.member, port.module.

The trunk block is calculated by dividing the trunk group member number by 24 and using the integer portion of the result. For example, if a member number is 0-23, the trunk block is 0 and if the member number is 24-47, the trunk group is 1.

Action:

Use ODBE to verify that the trunk group number is valid. The port member and port module dumped on the ROP are used to read the RLPORT_GROUP and RLFC_TRUNK relations. If both relations indicate that the port is a member of the trunk group dumped on the ROP, then the trunk group number is probably valid.

If the trunk group number is valid, and the wbrate field in the rLFC_TRUNK tuple contains a wide band data rate, check the RLWBTBLOCK relation to determine if a tuple exists. Use the member field from the rLPORT_GROUP tuple to compute the tblock key for the RLWBTBLOCK relation. If the rLWBTBLOCK tuple is not populated, insert the tuple (consult the office records).

If the trunk group assigned to the port in the rLFC_TRUNK tuple is different than the one in the rLPORT_GROUP tuple, consult the office records and correct the trunk group assignment.

After correction, manually restore the trunk back to service.

156. FTTSM_BTN (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLTSMBTN relation, or the rLTSMBTN tuple is missing.

Data Structures:

RLTSMBMAP. Key fields: TSM monitored LPORT and STR_PARAMETER.

Range: fp**1. FCBADVAL (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

*This assert should never be used in the real system - temporary only - use FPBADVALUE.

2. FCLTSBPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Use FPLTSBPORT.

An attempt to access a tuple in line time slot bridging (LTSB) relation RLLTSBPORT failed. Likely, no tuple exists for the key used (lport). This key is supplied by a MGLTSBxxxx message, and could also be incorrect. A third possible cause is a database error.

Data Structures:

RLLTSBPORT.

Action:

Verify that the rLTSBPORT tuple does NOT exist for the lport key displayed. If true, verify that the lport key is correct, and, if so, add the missing tuple in RLLTSBPORT. If the lport key is invalid, either a message was corrupted, or code did not build the message properly (perhaps other data are also bad). If the lport key is correct, and a rLTSBPORT tuple exists for it, use database system error procedures.

3. FCSDNBDBF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of struct rIBRCSDb for OSpdb.procno has failed.

4. FP0001 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A line, indicated by the port, has been marked as having the series completion feature, but does not have a tuple in the RLFC_SERCOMP relation that specifies the directory number to complete to. Either this line should not have this feature or a tuple with the directory number of the next line in the series completion group should be added.

Data Structures:

RLFC_SERCOMP. Key fields: port.member, port.module, and party.

In the data dump, the first two bytes of the first word are port.member, the next byte is filler, and the next byte is port.module. In the next word, the first five bits are party.

Action:

Use RC/V (or ODBE, if necessary) to see if the line indicated has the series completion feature and a designated number to complete to. This relation is updated by RC.V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]) and RC/V View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]).

5. FP0003 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_LINE relation or the rLFC_LINE tuple is missing.

Data Structures:

RLFC_LINE. Key fields: port.member, port.module, party.

In the data dump, the first two bytes of the first word are port.member, the next byte is filler, and the next byte is port.module. In the next word, first five bits are party.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_LINE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views:

- 12.8 (BFG ADMINISTRATION)
- 23.2 (DIGITAL SUBSCRIBER LINE)
- 21.30 (OSPS-DSL PORT)
- 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT])
- 5.12 (BRCS FEATURE ACTIVATION [TRUNK MEMBER])
- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 4.29 (ATTENDANT MLHG/BUSY LAMP FIELD DN ASSIGNMENT)
- 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST)
- 1.9 (MULTIPLE DIRECTORY NUMBER WITH DISTINCTIVE RINGING)
- 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
- 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
- 1.32 (TWO TELEPHONE NUMBER SWAP)
- 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
- 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])

6. FP0004 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_TRUNK relation or the rLFC_TRUNK tuple is missing.

Data Structures:

RLFC_TRUNK. Key fields: port.member and port.module.

In the data dump, the first two bytes of the first word are port.member, the next byte is filler, and the next byte is port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views:

- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 5.1 (TRUNK GROUP)
- 5.5 (TRUNK MEMBER)

7. FP0005 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLDA_TIMER relation or the rIDA_TIMER tuple is missing.

Data Structures:

RLDA_TIMER. Key fields: servclass, signal, sigtype.

In the data dump, the first word is critical, the second word is partial, the third word is permsig, the fourth word is ovlpart, and the fifth word is ovlperm. In the sixth word, the first byte is servclass, the next four bits are filler, the next two bits are sigtype, and the next two bits are startsig.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLDA_TIMER relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. (The "signal" for lines is always FCSSNULL; start signal is not applicable.)

This relation is updated by RC/V View 8.5 (TIMING [MISCELLANEOUS]).

8. FP0010 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_PORTTYP relation or the the rIFC_PORTTYP tuple is missing.

Data Structures:

RLFC_PORTTYP. Key fields: port.member, port.module, servclass.

In the data dump, the first two bytes in the first word is port.member, the next byte is filler, and the next byte is port.module. In the next word, the first two bytes are sleeveid (no concern) and the next byte is servclass.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views:

- View 8.11 (REMOTE ALARM ASSIGNMENT)
- View 8.13 (MSU/MMSU SCAN POINT ASSIGNMENT)
- View 21.34 (OSPS DSL PACKET SWITCHING ASSIGNMENT)
- View 8.10 (CARRIER GROUP ALARM)
- View 23.2 (DIGITAL SUBSCRIBER LINE)
- View 24.7 (DSL AP COMMUNICATION DATA)

View 21.30 (OSPS-DSL PORT)
 View 8.7 (DIAL TONE DELAY)
 View 20.4 (DIGITAL LINE/TRUNK UNIT PACK EQUIPMENT)
 View 22.8 ((R)ISLU-ANALOG CIRCUIT PACKS)
 View 22.7 ((R)ISLU EQUIPMENT-LINE CARD)
 View 20.1 (LINE UNIT [SM MODULE PACKS])
 View 20.7 (METALLIC SERVICE UNIT [PACKS])
 View 19.7 (METALLIC SERVICE UNIT)
 View 20.20 (PROTOCOL CIRCUIT [SM MODULE SUBPACKS])
 View 20.22 (EQUIPMENT SUBUNIT - ANNOUNCEMENT SERVICES)
 View 20.2 (TRUNK UNIT)
 View 20.3 (VERIFY SINGLE TRUNK UNIT)
 View 4.3 (ATTENDANT FEATURE KEY)
 View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST)
 View 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
 View 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
 View 14.7 (PAIR GAIN TEST CONTROLLER)
 View 3.6 (MULTI-POSITION BUSY KEY [LINE ASSIGNMENT])
 View 22.13 (INTER-SM NAIL-UP)
 View 3.40 (MODULAR QUEUING [QUEUING PARAMETERS])
 View 7.12 (MODULAR QUEUING [QUEUING PARAMETERS])
 View 7.3 (PFA SIMULATED FACILITY GROUP)
 View 18.11 (REMOTE TERMINAL EQUIPMENT)
 View 18.12 (REMOTE TERMINAL MTB)
 View 18.10 (REMOTE TERMINAL ASSIGNMENT)
 View 1.32 (TWO TELEPHONE NUMBER SWAP)
 View 5.1 (TRUNK GROUP)
 View 14.3 (TRUNK LINE WORK STATION)
 View 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
 View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])
 View 5.5 (TRUNK MEMBER)

9. FP0012 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When trying to read the RLSCRNING relation, an error was returned. Either the tuple was missing or an error occurred when setting the keys.

Data Structures:

RLSCRNING. Key fields: dest_x, screen_x, prefix.

The keys are in the ROP listing as follows: the first two bytes in the first word are dest_x, the next two bytes are screen_x, the next two bytes are charge_x, and the next two bytes are route_x. In the next word, the first eight bits are filler, the next two bits are cst, the next three bits are route_type, and the next three bits are prefix.

Action:

Use RC/V (or ODBE, if necessary) to cross check the keys used to access the RLSCRNING relation with the actual keys. Verify the existence of this tuple, add it if necessary. Use the RC/V screening view. The destination index and the prefix are the results of digit analysis. The screening index used is from the rIFC_LINE tuple for the line.

10. FP0028 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The FCorigcs() function encountered an invalid originating class of service. The probable cause for the error is a data population error in the RLFC_PORTTYP relation.

11. FP0029 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The FCtermcs() function encountered an invalid terminating class of service. The probable cause for the error is a data population error in the RLFC_PORTTYP relation.

12. FP0030 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program ID was passed to a coin control program.

13. FP0031 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The timer tag was not recognized in the local coin overtime time-out.

14. FP0032 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid treatment type was encountered by the busy-verify function FCbv_orig().

15. FP0033 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received and the message header was dumped; or the FCbailout() function was called. The stack is dumped because it is lost after the FCreblout() function restart.

16. FP0034 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ownership relation was not RLRTCONTROL or RLRTCAMPON for an announcement or busy verify termination.

17. FP0039 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A value is out of range of the enumeration.

18. FP0040 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGLN_TERM message was not present.

19. FP0041 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGTK_TERM message was not present.

20. FP0042 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGANN_TERM message was not present.

21. FP0046 (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid TYPE_CI_CALL was received. One of the following situations has been detected:

- (1) an invalid combination of TYPE_CI_CALL (FCCI_NULL) and ROW TYPE, or
- (2) an undefined TYPE CI CALL.

Data Structures:

The following information is output (in hex) in the first data dump: the digit count (first half byte) and the dialed digits (one byte per digit, subtract hex 30 from each). The second data dump provides the digtree (bytes 0 and 1) and TYPE CI CALL (bytes 2 and 3).

Action:

Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]), View 9.9 (REMAINING DIGIT [OFFICE DIALING]), View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]), or View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) to verify the TYPE CI CALL value and correct the error.

22. FP0046 (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid TYPE_CI_CALL was received. One of the following situations has been detected:

- 1) an invalid combination of TYPE_CI_CALL (FCCI_NULL) and ROW TYPE, or
- 2) an undefined TYPE CI CALL.

Data Structures:

The following information is output (in hex) in the first data dump: the digit count (first half byte) and the dialed digits (one byte per digit, subtract hex 30 from each). The second data dump provides the digtree (bytes 0 and 1) and TYPE CI CALL (bytes 2 and 3).

Action:

Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]), View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]), or View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) to verify the TYPE CI CALL value and correct the error.

23. FP0047 (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rDI_COMP tuple is missing.

Data Structures:

RLDI_COMP.

The following data is output (in hex):

REPT DATA #1: digit count (first half byte), dialed digits (one byte per digit; subtract hex 30 from each).

REPT DATA #2: digtree (bytes 0 and 1), TYPE CI CALL (bytes 2 and 3).

REPT DATA #3: CODE INDEX (bytes 0 and 1), CARRID (bytes 4, 5, and 6; one byte per digit; subtract hex 30 from each).

Action:

Use the RC/V CDIM view to insert an rDI_COMP tuple. If necessary, use the LDIT, PDIT or INDIT views to verify the CODE INDEX and use the ICF view to verify the CARRID.

24. FP0048 (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rFC_WZ1 tuple is missing.

Data Structures:

RLFC_WZ1.

The first data dump provides (in hex) the numbering plan area (NPA) (bytes 0, 1, and 2; one byte per digit; subtract hex 30 from each).

Action:

Use RC/V (or ODBE, if necessary) to insert an rFC_WZ1 tuple (WZ1 REGION field). This relation is updated by RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]), View 9.9 (REMAINING DIGIT [OFFICE DIALING]) and View 9.15 (MULTIPLE LOCAL DIGIT [OFFICE DIALING]).

25. FP0048 (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rFC_WZ1 tuple is missing.

Data Structures:

RLFC_WZ1.

The first data dump provides (in hex) the numbering plan area (NPA) (bytes 0, 1, and 2; one byte per digit; subtract

hex 30 from each).

Action:

Use RC/V (or ODBE, if necessary) to insert an rFC_WZ1 tuple (WZ1 REGION field). This relation is updated by RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) and View 9.15 (MULTIPLE LOCAL DIGIT [OFFICE DIALING]).

26. FP0049 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range country access code length was detected. The country access code should be either 1, 2, or 3 digits.

Data Structures:

The following information is output (in hex): the first data dump contains the country access code length (first half byte), and the second data dump contains the digtree (bytes 0 and 1) and TYPE CI CALL (bytes 2 and 3) values.

Action:

Use RC/V View 9.6 (IDDD COUNTRY ACCESS CODE [OFFICE DIALING]) to verify the country access code.

27. FP4WDRNG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the distinctive ringing type assigned to this port.

Data Structures:

RLDR_LTM. Key fields: port, feat_id, dring.

Action:

Use RC/V to change the distinctive ringing type to a valid value for this port. Types DR_A, DR_B, DR_C, and DR_D can not be assigned to ports with class of service FC_4WIRE_INDV. Types DR_E and DR_F can only be assigned to ports with class of service of FC_4WIRE_INDV.

The RLDR_LTM relation is updated RC/V View 1.25 (DISTINCTIVE RINGING LINE PARAMETERS).

28. FP_4WIRE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLFC_4WIRE relation.

Data Structures:

RLFC_4WIRE. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_4WIRE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]), View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]), and View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST).

29. FP0062 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A line has an individualized dialing (ID) feature assigned in the RLBRCEATS relation, but there is no constructed feature data associated with this line in the RLIDP_CF relation.

Data Structures:

RLBRCEATS. Key fields: port_id (port.member and port.module), party.

RLIDP_CF. Key fields: individualized dialing constructed feature ID.

There are two raw data dumps, the first dump is the rLIDP_CF tuple where the key is in the first two bytes. The second dump is port information where the first two bytes are the member and the next two bytes are the module. For the party, see the Recent Change manual for valid party enumeration.

Action:

Use RC/V to verify that the individualized dialing constructed feature ID obtained from the first dump and the port obtained in the second dump are defined in the RLBRCEATS relation, and that the constructed feature ID obtained from the first dump is defined in the RLIDP_CF relation. If the constructed feature ID is not defined, it must be constructed. See the Audits Manual - Data Structure Field Layout section for the RLIDP_CF relation to identify the fields in the relation.

30. FP0074 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The translation of a customer premises equipment port to a scan point port seems to be in error.

Data Structures:

RLPF_CPSL. Key fields: cpe_port.module, cpe_port.member.

The RLPF_CPSL relation associates a customer premises equipment port with a scan point port. In the data dump, the first two bytes are the cpe_port.member and the fourth byte is the cpe_port.module.

Action:

Use RC/V (or ODBE, if necessary) to check for the rLPF_CPSL tuple that is associated with the key dumped on the ROP. This relation is updated by RC/V View 5.5 (TRUNK MEMBER).

31. FP0080 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The line has an automatic route selection (ARS) feature assigned, but there was no tuple in the RLARCF relation associated with this line.

Data Structures:

RLARCF. Key field: feat_id

The first raw data dump shows the rLARCF tuple expected but not found. The first two bytes comprise the ARS constructed feature ID. The first two bytes of the second raw data dump comprise the member of the port and the third byte is the module of this port.

Action:

Use RC/V to find the FEATURE NAME associated with this port by looking at View 1.11 (BRCS FEATURE

ASSIGNMENT [LINE]). Use this feature name to define a new ARS feature definition on View 12.11 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT]), if the feature is not there. Or use ODBE, if necessary, to directly insert a tuple into the RLARCF relation using feat_id as a key.

32. FP0081 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred when attempting to read the static data for a multiway constructed feature for a port.

Data Structures:

RLMWCF. Key Field: feat_id.

Action:

The first raw data dump shows the tuple for which the read error occurred. The first two bytes comprise the constructed feature ID. See the Audits Manual - Data Structure Field Layouts section for the RLMWCF relation to identify the fields in the relation. The first two bytes of the second raw data dump comprise the internal port name of the line on which the multiway constructed feature should be assigned.

33. FP0113 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dest_type FCOSOIWTS was not valid for an office set to Gl_oso=DBNO. Dest_type FCOSOIWTS implies that this office is an OSO/INWATS office. RC/V ensures that dest_type FCOSOIWTS is only populated for offices set to Gl_oso=DBYES. The dest_type FCOSOIWTS was set for a non-OSO office, that is, the population rules for the RLDAPRIMDGT relation may be in error or the Gl_oso parameter value was corrupted.

34. FP911TBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Glim2dummy office parameter that specifies delay timing on basic 911 and enhanced 911 calls is set to an invalid value. The call will proceed without any delay timing.

Action:

Using RC/V View 8.1 (OFFICE PARAMETERS [MISCELLANEOUS]), initialize the 911 DELAY field to a valid value.

Note that the value for Glim2dummy printed on the ROP is in milliseconds and the value entered on the RC/V screen is in seconds. Translation for valid values is as follows: 0 ms=0 second, 1000 ms=1 second, 2000 ms=2 seconds, and 3000 ms=3 seconds.

35. FP_911TRNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation or the tuple is missing from the RLFC_911TRNK relation.

Data Structures:

RLFC_911TRNK. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_911TRNK relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]) and View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]).

36. FPAMCMCID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAMCMCID relation, a failure code of DBNO_MATCH was returned. The 10 digit billing number for a cellular mobile carrier was not found in the RLAMCMCID relation or the keys used to read this relation were not set properly.

Data Structures:

RLAMCMCID. Key field: cmc_id.

Action:

Consult the office records to determine if the key field CMCID printed on the ROP is a valid value. If it is, add the rIAMCMCID tuple corresponding to this CMCID. Using the information provided in the office records, add the key tuple via RC/V View 10.16 (CELLULAR MOBILE CARRIER IDENTIFICATION [CHARGING]), the key field is CMCID (or use ODBE, if necessary, the key field is cmc_id). If the key used to access the relation was set incorrectly, or if the key field in the office records is incorrect, notify your next level of support.

37. FPAMTKGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAMTKGP relation, a failure code of DBNO_MATCH was returned. The trunk group billing information was not found in the RLAMTKGP relation or the key used to read this relation was not set properly.

Data Structures:

RLAMTKGP. Key field: grpnum

Action:

Consult the office records to determine if the trunk group number (TGN) key field printed on the ROP is a valid value. If it is, add the tuple corresponding to this TGN to the RLAMTKGP relation. Use the information provided in the office records to add the rIAMTKGP tuple via RC/V View 5.1 (TRUNK GROUP) (key field is TGN) or ODBE, if necessary (key field is grpnum).

If the key used to access the RLAMTKGP relation was set incorrectly or if the key field in the office records is incorrect, notify your next level of support.

38. FPANIDFLT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Missing long distance platform (LDP) ANI default tuple. This relation is read for LDP calls. This default tuple is required to be populated before the LDP feature is activated.

Action:

Using a key of 000-000-0000 as the NPA-NXX-XXXX and a carrier ID of 100000, insert a tuple on RC/V View 8.51.

39. FP_ANOUNCE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation or the tuple is missing from the RLFC_ANOUNCE relation.

Data Structures:

RLFC_ANOUNCE. Key fields: port.module, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_ANOUNCE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 5.1 (TRUNK GROUP) and 5.5 (TRUNK MEMBER).

40. FPARCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLARCF relation, a failure return of DBNO_MATCH occurred. This indicates that the tuple is missing, or that the keys used were set improperly.

Data Structures:

RLARCF. Key fields: feature ID (first data item dumped).

Action:

This is a database inconsistency. Verify that the key is valid. Use RC/V View 12.11 (AUTOMATIC ROUTE SELECTION FEATURE DEFINITION) to assign the RLARCF tuple..

41. FPARGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the RLARGP relation.

Data Structures:

RLARGP, RLARPORT, RLDB_AMGPD, RLDB_IMGPD, RLDB_GPDUS, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, the key used to read the relation - automatic route selection (ARS) group ID (GROUP ID), and the originating logical port (LPORT) and logical port type (LPT TYPE).

Action:

The logical port attempting to use the automatic route selection (ARS) feature has an ARS feature assigned (the ARS feature ID exists in the RLTRMFEATS relation for the originating port).

The logical port is assigned to a valid ARS group (a tuple exists in the RLARPORT relation), but the ARS group ID in RLARPORT is invalid or a tuple in RLARGP is missing.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM.

1) Using the ARS group ID provided in the ROP output, read the RLFID2NAME relation in the AM where RLfid2name.facid is "ARS group ID", RLfid2name.class is FACARS, and RLfid2name.subclass is SCL_NULL.

2) If a tuple does not exist in RLFID2NAME for the ARS group ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

3) If a tuple exists in RLFID2NAME for the ARS group ID, insert the appropriate rLARGP tuple in the indicated SM where RLargp.ar_gpuid is "ARS group ID". Since the RLARGP relation is a group partitioned relation, other group partition control relations may also need to be updated: RLDB_AMGPD, RLDB_IMGPD, and RLDB_GPDUS.

42. FPARPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the relation RLARPORT keyed with logical port (LPORT) and logical port type (LPT_TYPE). The automatic route selection (ARS) business and residential custom services (BRCS) feature can be assigned to a line or trunk, or assigned via a BRCS feature group (BFG).

When the ARS feature is directly assigned to a line, the original (non-BFG) keys are used to read the RLARPORT relation where RLarport.lport is RLfc_line.lport and RLarport.lpt_type is RLfc_line.lpt_type. If ARS is assigned to a trunk, the keys are RLarport.lport=RLfc_trunk.lport and RLarport.lpt_type=LPT_OTHER=0.

An attempt to read the RLARPORT relation using the original (non-BFG) keys was made because the ARS feature is thought to be assigned directly to the line or trunk. In most cases, after receiving this assert, the call gets routed to reorder.

Data Structures:

RLARPORT, RLFC_LINE, RLFC_TRUNK, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, the keys used to read this relation (LPORT and LPT_TYPE), and the global PORT number.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport if not 0 and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.

2. Using the port and party, do the following: For lines, read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). For trunks, read the RLFC_TRUNK relation to get the logical port (lport) and the indicator for BRCS terminal features (brc_trm). The lpt_type is 0 for trunks. ARS is a terminal feature.

3. If the brc_trm value from RLFC_LINE (or RLFC_TRUNK) is DBNO, contact the next level of support.

4. If the brc_trm value from RLFC_LINE (or RLFC_TRUNK) is DBYES, then the lport and lpt_type from RLFC_LINE (or RLFC_TRUNK) should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

5. If brc_trm is DBYES and the lport and lpt_type values match, a tuple should exist in RLARPORT for the original (non-BFG) keys. Insert the appropriate rLARPORT tuple.

43. FPARSEGSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing in the automatic route selection (ARS) segmented signaling relation RLARSEGSIG.

Data Structures:

RLARSEGSIG, RLRT_MCRT.

The ROP output indicates the SM number (MOD), the source file and line number, the keys used to read the relation - modular customization route index (MC RI) and ARS group ID (GROUP ID), and the originating logical port (LPORT) and logical port type (LPT TYPE).

Action:

The logical port attempting to use the segmented signaling has an rLRT_MCRT tuple with an MC route index of "xxxx", an ARS group ID of "xxxx", and the segsig bit of DBYES. An rLARSEGSIG tuple has not been populated with this MC route index and ARS group ID.

Using the dumped data, verify that the logical port does have the ability for segmented signaling by looking at RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION). If segsig is YES, populate a tuple on RC/V View 10.7 (ARS SEGMENTED SIGNALING PAUSES) for this ARS group.

44. FPARTCM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In attempting to use the traveling class mark (TCM) feature, the automatic route selection (ARS) logical port information relation RLARPORT has a tuple with a valid ARS group ID (RLarport.argpid) and a tcm value of 1 (which means the TCM feature is allowed, active, and must be used). However, the TCM conversion relation information has not been fully supplied (that is, the tuple is missing or the tuple data is incorrect in the RLARTCM relation for the group used by this port).

Data Structures:

RLARTCM, RLARPORT.

The ROP output indicates the SM number (MOD), the source file and line number, the key used to read the relation - ARS group ID (GROUP ID), and the originating logical port (LPORT) and logical port type (LPT TYPE).

Action:

Using the data in the ROP output and RC/V, verify that the logical port does have the TCM feature allowed by looking at RC/V View 5.21 (AUTOMATIC ROUTE SELECTION TRUNK PARAMETERS). If the tcm value equals 1, then an rLARTCM tuple needs to be populated on RC/V View 10.9 (ARS TRAVELING CLASS MARKS [CONVERSION FROM 1-DIGIT]) for the ARS group specified. If a tuple already exists for the specified ARS group, then re-populate the data.

45. FPASI_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLASI_CF relation, a failure code of DBNO_MATCH was returned. The rLASI_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLASI_CF. Key field: feature ID

Action:

Use the feature ID from the ROP output as the key to the RLASI_CF relation. Use RC/V View 12.61 (ADVANCED

SERVICE INTERFACE FEATURE DEFINITION) to define the feature ID. If there is a problem with this feature definition, contact the next level of support.

46. FPASI_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLASI_GP relation, a failure code of DBNO_MATCH was returned. The rIASI_GP tuple is missing, the keys used to read this relation were not set properly, or an invalid access code was dialed.

Data Structures:

RLASI_GP. Key fields: GROUP_ID, DIAL_CODE.

Action:

This is a database inconsistency that can only be corrected by manual action. Use the GROUP_ID and DIAL_CODE from the ROP output as the key to the RLASI_GP relation. Use RC/V View 4.61 (ADVANCED SERVICE INTERFACE GROUP DEFINITION) to insert the correct keys for GROUP_ID and DIAL_CODE.

47. FPASI_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIASI_PORT tuple is missing that is keyed with the logical port (lport), logical port type (lpt_type), and feature ID (feat_id).

Data Structures:

RLASI_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read the RLASI_PORT relation (LPORT, LPT_TYPE, and FEAT_ID).

Action:

The advance service interface (ASI) business and residential custom services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ASI feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLASI_PORT relation where RLasi_port.lport is RLfc_line.lport and RLasi_port.lpt_type is RLfc_line.lpt_type.

An attempt to read the RLASI_PORT relation using the original (non-BFG) keys was made because the ASI feature is thought to be assigned directly to the line.

Use ODBE to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). ASI is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.

5. If brc_trm is DBYES and the lport and lpt_type values match, an rIASI_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rIASI_PORT tuple.

48. FPASP_DC (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid set-up of advanced services platform (ASP) occurred.

- 1) The office is not set up as ASP, but the private virtual network (PVN) bit is assigned to a direct connect line.
- 2) The class of service of this ASP direct connect line is invalid (FC_INDVDL is the only valid class of service).

Data Structures:

RLFC_LINE. Key field: port.

Action:

On RC/V View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]), change the PVN field from "Y" to "N" and assign a telephone number. Also, change the NODL field from "HOT" to "N".

49. FPATMPT_OVLP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overlap outpulsing is not allowed when using the automatic number identification (ANI) over private facility special feature. The overlap indicator must be set to N (NO). Reorder will be given as the failure mechanism if the overlap indicator is set to Y (YES). The MGTK_TERM message is the trunk termination message.

Data Structures:

The data printed on the ROP is the port and the overlap outpulsing indicator (value must equal 0).

Action:

Set the OVLAP IND field to N (NO) with RC/V View 10.2 (ROUTE INDEX [ROUTING]).

50. FPBAD4WIRE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation or the tuple is missing from the RLFC_4WIRE relation.

Data Structures:

RLFC_4WIRE. Key fields: port.member and port.module.

In the data dump, the first two bytes of the first word represent port.member, the next byte is filler, and the next byte is port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_4WIRE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]), View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]), and View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST).

51. FPBADBILLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The billing directory number (DN) for this office must be 7 or 10 digits for the automatic number identification (ANI) over private facility (PF) special feature. Reorder will be given as the failure mechanism if the billing DN is not 7 or 10 digits. The MGTK_TERM message is the trunk termination message.

Data Structures:

The data printed on the ROP is the port and the number of digits in the billing DN.

Action:

The originator of this port can be a line or a trunk. For a line origination, review any of the RC/V line views. For a trunk origination, review RC/V View 5.1 (TRUNK GROUP). Verify that the billing DN assigned to the line or trunk is a 7- or 10-digit billing directory number. If the number is not 7 or 10 digits, correct it.

52. FPBADCUT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in provisioning an LDP tandem cutthru call. This call is only valid on the LDP platform for an incoming LATA_CONN trunk routing to an IC trunk. The signaling protocol in the outgoing route must be equal access (EA) and the outgoing class of service must be IC.

Action:

Use RC/V to cross-check the data for the call. Verify that the route selected on RC/V View 10.2 [ROUTE INDEX (ROUTING)] specifies EA signaling, and the outgoing trunk class on RC/V View 5.1 (TRUNK GROUP) is an IC trunk.

53. FPBADPARM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to the function.

54. FPBADPDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid item exists in the process data block (PDB).

55. FPBADQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queue value obtained from either the RLPU_PORT or RLPU_LTM relation is invalid, although a tuple was found that matched the keys that were populated in the tuple buffer.

Data Structures:

This assert can be called after reading either of the two relations mentioned above; the data dump will be different depending on the relation just read.

RLPU_LTM. Key fields: lead module, LTM index, LTM type, feature ID, queue value. RLPU_PORT. Key fields: port's module, port's member, 0 (place holder), feature ID, queue value.

Action:

This is a database consistency that can only be corrected by manual action.

56. FPBADRET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An undefined return value was received from the function call.

57. FPBADSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trunk signaling protocol did not match the feature group B (FGB) carrier TYPE CI CALL. A call dialed 950-XXXX in an equal access end office (EAEO) uses an FGB carrier that provides interim plan or transition plan access.

One of two conditions caused this call to fail - (1) the call is TYPE CI CALL = FCINTERIM, and was routed to a trunk group using equal access (EA) signaling, or (2) the call is TYPE CI CALL = FCTRANSITION, and was routed to a trunk group using FGB signaling.

If possible, the call will be completed using the signaling protocol specified for this trunk group. If the call fails, machine detected interoffice irregularities (MDII) messages may print describing the particular failure mode.

Data Structures:

RLRT_ROUTING. Key field: fgb_ri

Action:

If RC/V View 10.2 (ROUTE INDEX [ROUTING]) indicates that EA signaling is intended for these calls, the FGB carrier should be provisioned as a transition plan carrier. Use RC/V View 10.3 (INTER-LATA CARRIER) to set the access type for the FGB carrier to TRANSITION. Enter the carrier ID code (CIC) for the FGD carrier that corresponds to the FGB carrier in the TRANS CARRIER field. If the interim plan should be used with traditional signaling, route these calls via a route index and trunk group that use FGB signaling protocol via RC/V View 10.2.

58. FPBADSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program state exists.

59. FPBADTC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid transition plan feature group D (FGD) carrier was specified. A call was dialed 950-XXXX to a feature group B (FGB) carrier that is provisioned for transition access. A TRANS CARRIER was indicated in the RLFC_FGBCARR relation for this FGB carrier, but no corresponding FGD carrier was defined in the RLFC_CARR relation; or the TRANS CARRIER field was not filled in. The call cannot be routed, and reorder treatment is given.

Data Structures:

RLRCFGB_CARR. Key fields: fgb_carrid, feature group=B.

Action:

Insert an FGD carrier into the office dependent data (ODD) using RC/V View 10.3 (INTERLATA CARRIER FEATURE). The key value must match the carrier ID code (CIC) that is indicated in the TRANS CARRIER field of View 10.3 for the FGB carrier.

60. FPBADTCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The class of service for the port is not valid for termination.

Data Structures:

RLFC_PORTTYP. Key fields: port.member and port.module.

Action:

Review the class of service for the indicated port, using RC/V (or ODBE, if necessary). If the port is a line, use RC/V View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]); for a trunk, use RC/V View 5.1 (TRUNK GROUP). If the tuple was assigned through standard office data administration (ODA) or recent change (RC) and is valid for terminations, a trouble report should be filed.

61. FPBADVALUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLTATYPE relation contains an invalid tone value in the pctone field.

Data Structures:

RLTATYPE. Key field: tatype

Action:

Use RC/V (or ODBE, if necessary) to correct the pctone field with a valid value. The RLTATYPE relation is updated by RC/V View 10.1 (FIXED ROUTE [ROUTING]).

62. FPBDACTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect access type for an incoming feature group B (FGB) trunk call to a tandem switch was encountered. In an FGB tandem switch, a call originating on an incoming trunk is translated to a carrier that is provisioned for TRANSITION access type. If possible, the call is routed as a TYPE CI CALL = FCINTERIM; if this is not possible, reorder treatment is given.

Machine detected interoffice irregularities (MDII) messages may also print on the ROP to indicate the type of call failure on the outgoing trunk.

Data Structures:

RLRFRGB_CARR. Key field: fgb_carrid

Action:

FGB carriers are only allowed to handle incoming tandem trunk calls that are translated as TYPE CI CALL =

FCINTERIM. The FGB carrier access type must be INTERIM in the FGB tandem. Use RC/V View 10.3 (INTER-LATA CARRIER) to change the access type to INTERIM for this carrier.

If this carrier should be handling incoming FGB calls as transition plan calls, then the calls should be translated as TYPE CI CALL = FCAVT, and the incoming trunk should be using equal access (EA) signaling. Calls translated in this way will be handled by a feature group D (FGD) carrier, not by the FGB carrier.

63. FPBDCITP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect translation of a feature group B (FGB) call origination in an end office or tandem switch occurred. If the FGB carrier is provisioned with access type INTERIM in an end office, FGB calls routed via that carrier are translated as TYPE CI CALL = FCTRANSITION. If possible, this call will be routed as a TYPE CI CALL = FCINTERIM; if this is not possible, reorder treatment is given.

In an FGB tandem switch, a call originated on an incoming trunk is translated as TYPE CI CALL = FCTRANSITION (instead of FCINTERIM). If possible, the call is routed as a TYPE CI CALL = FCINTERIM; if this is not possible, reorder treatment is given.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V View 5.1 (TRUNK GROUP) to verify that the digit analysis selector (DAS) value for the trunk group is correct for FGB calls. Use the DAS value in RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to determine the local digit interpreter table (LDIT) that is used. Correct the LDIT translation in RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) or RC/V View 9.9 (REMAINING DIGIT [OFFICE DIALING]) for this call. Verify that all LDIT or RDIT records for calls for this FGB carrier originating on a line or (tandem) trunk in this office are translated as TYPE CI CALL = FCINTERIM, not FCTRANSITION.

64. FPBDCITP (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect translation of a feature group B (FGB) call origination in an end office or tandem switch occurred. If the FGB carrier is provisioned with access type INTERIM in an end office, FGB calls routed via that carrier are translated as TYPE CI CALL = FCTRANSITION. If possible, this call will be routed as a TYPE CI CALL = FCINTERIM; if this is not possible, reorder treatment is given.

In an FGB tandem switch, a call originated on an incoming trunk is translated as TYPE CI CALL = FCTRANSITION (instead of FCINTERIM). If possible, the call is routed as a TYPE CI CALL = FCINTERIM; if this is not possible, reorder treatment is given.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V View 5.1 (TRUNK GROUP) to verify that the digit analysis selector (DAS) value for the trunk group is correct for FGB calls. Use the DAS value in RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to determine the local digit interpreter table (LDIT) that is used. Correct the LDIT translation in RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) for this call. Verify that all LDIT records for calls for this FGB carrier originating on a line or (tandem) trunk in this office are translated as TYPE CI CALL = FCINTERIM, not FCTRANSITION.

65. FPBFGARPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in relation RLARPORT keyed with logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLARPORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG) keys used to read the relation (LPORT, LPT_TYPE), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The automatic route selection (ARS) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ARS feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLARPORT relation where RLarport.lport is RLfc_line.lport and RLarport.lpt_type is RLfc_line.lpt_type.

When the ARS feature is assigned to a line via a BFG, the BFG keys are used to read the RLARPORT relation where RLarport.lport is RLfc_line.bfgid and RLarport.lpt_type is LPT_BFG.

An attempt to read the RLARPORT relation using the BRCS feature group (BFG) keys was made because the ARS feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the BFGID (bfgid) and the BFG indicator for terminal features (trmbfg). ARS is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, the bfgid from RLFC_LINE should match the BFGID given in the ROP output. If the BFGID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFGID values match, a tuple should exist in RLARPORT for the BFG keys. Insert the appropriate rLARPORT tuple.

66. FPBFG_ASI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIASI_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLASI_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, the BRCS feature group (BFG) keys used to read the relation (LPORT, LPT_TYPE), the BFGID, and the original (non-BFG) keys for this relation.

Action:

The advance service interface (ASI) BRCS feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the ASI feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLASI_PORT; where RLasi_port.lport is RLfc_line.lport and RLasi_port.lpt_type is RLfc_line.lpt_type.

When the ASI feature is assigned to a line via a BFG, the BFG keys are used to read the RLASI_PORT relation; where RLasi_port.lport is RLfc_line.bfgid and RLasi_port.lpt_type is LPT_BFG.

An attempt to read the RLASI_PORT relation using the BFG keys was made because the ASI feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the BFGID (bfgid) and the BFG indicator for terminal features (trmbfg). ASI is a terminal feature.
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, the bfgid from RLFC_LINE should match the BFGID given in the ROP output. If the BFGID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFGID values match, an rIASI_PORT tuple should exist for the BFG keys. Insert the appropriate rIASI_PORT tuple.

67. FPBFGMDR_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDR_PORT tuple is missing that is keyed with the logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLMDR_PORT, RLFC_LINE, RLLPT_PT.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG) keys used to read the relation, the BFGID, and the original (non-BFG) keys for this relation.

Action:

The message detail recording (MDR) BRCS feature can be assigned directly to a line or assigned to the line via a BFG.

When the MDR feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLMDR_PORT relation where RLmdr_port.lport is RLfc_line.lport and RLmdr_port.lpt_type is RLfc_line.lpt_type.

When the MDR feature is assigned to a line via a BFG, the BFG keys are used to read the RLMDR_PORT relation where RLmdr_port.lport is RLfc_line.bfgid and RLmdr_port.lpt_type is LPT_BFG.

An attempt to read the RLMDR_PORT relation using the BFG keys was made because the MDR feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the BFGID (bfgid) and the BFG indicator for terminal features (trm_bfg). MDR is a terminal feature.
3. If the trm_bfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trm_bfg value from RLFC_LINE is DBYES, the bfgid from RLFC_LINE should equal the BFGID given in the ROP output. If the BFGID values do not match, contact the next level of support.
5. If trm_bfg is DBYES and the BFGID values match, an rIMDR_PORT tuple should exist for the BFG keys. Insert the appropriate rIMDR_PORT tuple.

68. FPBFGPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLCKT_PORT was read with the intent of retrieving a global BFG port name (default service). This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

69. FPBFGTG_LTMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in relation RLTG_LTMER for a business and residential custom services (BRCS) feature group (BFG). The BFG ID (bfgid) is obtained from the RLFC_LINE relation for analog lines and primary directory number (DN) integrated services digital network (ISDN) basic rate interface (BRI) lines. If the ISDN DN is not primary, the bfgid is obtained from the RLIS_LINE relation.

Data Structures:

RLTG_LTMER, RLFC_LINE and/or RLIS_LINE.

The keys are lead module = 0, ltm_type = LTM_ISDN, and ltm_idx = bfgid.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the dumped keys with the actual keys in the RLTG_LTMER relation. The BFGID part of the key should match the bfgid attribute in the RLFC_LINE tuple, keyed with the port assigned the BFGID or in the RLIS_LINE tuple, keyed with the ltm_idx on the specified lead_module assigned the BFGID. If the tuple in question does not exist, add it. If the RLFC_LINE tuple indicates that the port has a BFG assigned, or if the RLIS_LINE tuple indicates that the DN has a BFG assigned.

70. FPBORIGCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The class of service for the originating port is not valid for origination. The automatic number identification (ANI) over private facility (PF) special feature will allow only the following classes of service on the originating port: PF, PFITT (PF intertandem trunk), INDIV (individual line), ISDN (digital subscriber line associated with ISDN service), ATTENDANT (attendant line), and ISATND (ISDN attendant).

Reorder will be given as the failure mechanism if the class of service for the port is not valid. The MGTK_TERM

message is the trunk termination message.

Data Structures:

The data printed on the ROP is the originating port and the originating class of service associated with this port.

Action:

The originator of this port can be a line or a trunk. Correct the class of service for the indicated port via RC/V View 4.1 (LINE CLASS CODE) if the port is a line, or RC/V View 5.1 (TRUNK GROUP) if the port is a trunk.

71. FPBTERMCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The class of service for the terminating port is not valid for termination, or the signaling type or address signal mode is incorrect.

The automatic number identification (ANI) over private facility special feature will allow only the following classes of service on the terminating port: PF (private facility) and PFITT (PF intertandem trunk).

The start signaling type must be multifrequency (MF). The outgoing address signal mode must be wink start (WINK). The trunk type must NOT be cut through.

Reorder will be given as the failure mechanism if the class of service for the port is not valid.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

The data printed on the ROP is the terminating port, the terminating class of service associated with this port, and the signaling type and signaling mode. Also, the value of CUT THROUGH (value must be 0) will be printed.

Action:

If the class of service is not valid, correct it with RC/V View 5.1 (TRUNK GROUP).

If the signaling type is incorrect, correct it with View 5.1 (TRUNK GROUP).

If the signaling mode is incorrect, correct it with View 5.5 (TRUNK MEMBER).

If trunk is defined as cut through, set the CUT THRU field to N (NO) with View 5.1 (TRUNK GROUP).

72. FP_CARR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLFC_CARR. When attempting to read this relation, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLFC_CARR. Key field: carrier ID

Action:

This is a database inconsistency that can be corrected by manual action. First verify that the key is correct. Use RC/V View 10.3 (INTERLATA CARRIER) to add the tuple.

73. FPCARTONE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

400 Hz carrier tone requested but not provisioned as system tone for FGD cutthru on LATA trunks or for start signal on DAL trunks.

The "CT FOR DT" field in RC/V View 5.1 (TRUNK GROUP) is set to "Y" but the field "CARRIER TONE" in RC/V View 8.1 (OFFICE PARAMETERS (MISCELLANEOUS)) is set to "N".

The TRUNK GROUP and trunk group MEMBER NUMBER are printed in this assert. The TRUNK GROUP can be used as the key to RC/V View 5.1

Data Structures:

- Global parameter, Glcartone.
- rIFC_TRUNK.ct_for_dt.

Action:

There are two options,

- Set the value of "CARRIER TONE" in RC/V View 8.1 to "Y"
- Set value of "CT FOR DT" in RC/V View 5.1 to "N"

74. FPCHGTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLCHGTBL relation.

Data Structures:

RLCHGTBL. Key field: CHRGTABL_X.

Action:

There are two options:

1) Avoid firing an assert and let the call go through free by turning on feature ID 558 in RC/V View 8.22 (SECURED FEATURE UPGRADE), if it is off. In View 8.22, set the FEATURE ID field to 558, MODULE to the SM# for one SM or OFC for all SMs, and ACTIVE to Y.

2) Fire the assert and terminate the call by turning off feature ID 558 in RC/V View 8.22, if it is on.

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLCHGTBL relation with the actual keys used. If the tuple is missing, use View 10.14 (MESSAGE REGISTER) to add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

75. FPCHRGIDXEXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the RLCHRGIDXEXP relation. When trying to get the call type and charge treatment data, a not found condition was returned. This indicates that a tuple is missing for the "charge_x" obtained from the

RLRT_SCRNING relation.

Data Structures:

RLCHRGIDXEXP. Key field: CHARGE_X. RLRT_SCRNING. Key fields: DEST_X, SCREEN_X, PREFIX.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the charge_x for correctness. If the rLCHRGIDXEXP tuple is missing, use View 10.11 [CHARGE INDEX EXPANSION (CHARGING)] to add it. Otherwise, the RLRT_SCRNING relation has an incorrect charge index.

76. FPCKT_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLCKT_PORT was read with invalid key values, (cktname, port_indx) or a tuple is missing from this relation. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

77. FPCLMDSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dynamic database read occurred during call processing. The FPDiganl() function received an error return code from a dynamic access (DA) primitive, possibly due to a corrupted linkage in the call leg data block (CLDB)-model data block (MDB) set. The FPDiganl() function could not recover from this error.

78. FP_COINCHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLFC_COINCHG. When attempting to read this relation with keys from the RLCHRGIDXEXP relation, a failure code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLFC_COINCHG. Key fields: charge table index (first data item dumped).

Action:

This is a database inconsistency that can be corrected by manual action. Verify that the keys were used correctly. Use RC/V View 10.13 (COIN CHARGING [CHARGING]) to add the tuple.

79. FPCONF_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was introduced as part of the ICLATA special feature. This assert will not fire if the ICLATA special feature has not been purchased and activated in the office.

In this call scenario, digit analysis provided a type_ci_call of FCICCONTOLL or FCONFLICT, indicating that type_ci_call conflict resolution must be done. Therefore, the RLRT_SCRNING relation was read (with the destination index and prefix derived from digit analysis) to determine the type_ci_call. However, the conf_type attribute of the RLRT_SCRNING relation, which represents the type_ci_call was invalid. The valid values for the

conf_type attribute are: a) FCICTOL for intraLATA toll, b) FCINTER for interLATA or c) FCLEC indicating intraLATA local (if type_ci_call was FCICCONTOLL) or indicating that the normal FCONFLICT algorithm should decide if the call is intraLATA local or interLATA (if the type_ci_call was FCONFLICT).

Data Structures:

RLRT_SCRNING keys: SCREEN_X, DEST_X, PREFIX attribute: CONF_TYPE

Action:

Update RC/V 10.10 (SCREENING [CHARGING]) using the keys provided in the assert and update the conf_type field to the appropriate value (such as blank for FCLEC, "T" for FCICTOL or "I" for FCINTER).

80. FPDAPRL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDAPRLDGT. This indicates that the tuple is missing or the keys used to read the relation are set incorrectly.

Data Structures:

RLDAPRLDGT. Key fields: previous, digit.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLDAPRLDGT relation with the actual keys used to access this relation, add the specified previous and digit values to the relation RLDAPRLDGT using RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

The RLDAPRLDGT.previous key was retrieved from RLDA_DIGSTRT.preltable. The RLDAPRLDGT.digit key is the incoming digit being translated. RLDAPRLDGT.digit is printed out in hexadecimal form.

81. FPDAPRL1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDAPRLDGT. This indicates that the tuple is missing or the keys used to read the relation are set incorrectly.

Data Structures:

RLDAPRLDGT. Key fields: previous, digit.

RLDA_AMBIG. Key field: table.

The ROP output provides the keys for the missing rIDAPRLDGT tuple and the key for the related rIDA_AMBIG tuple. The RLDA_AMBIG.next value provides the RLDAPRLDGT.previous key. RLDAPRLDGT.digit is printed out in hexadecimal form.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLDAPRLDGT relation with the actual keys used to access this relation. If the actual keys are not populated in the relation, add the specified previous and digit values to the RLDAPRLDGT relation using RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

82. FPDAPRL2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDAPRLDGT. This indicates that the tuple is missing, or the keys used to read the relation are set incorrectly.

Data Structures:

RLDAPRLDGT. Key fields: previous, digit.

The ROP output provides the keys for the missing rLDAPRLDGT tuple and the keys for the preceding rLDAPRLDGT tuple read. The preceding RLDAPRLDGT.next value provides the RLDAPRLDGT.previous key for the incoming digit being translated. RLDAPRLDGT.digit is printed out in hexadecimal form.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLDAPRLDGT relation with the actual keys used to access this relation. If the actual keys are not populated in the relation, add the specified previous and digit values to the relation RLDAPRLDGT using RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

83. FPDATIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLDA_TIMER relation.

Data Structures:

RLDA_TIMER. Key fields: servclass, signal, sigtype.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLDA_TIMER relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. The signal value for lines is always FCSSNULL; start signal is not applicable.

This relation is updated by RC/V View 8.5 (TIMING [MISCELLANEOUS]).

84. FPDCACTER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An analog line has an attendant control of voice terminals (ACVT) restriction level that provides direct connect service upon origination, but the error treatment specified for the line is not RERTE. This means that there is no ERROR TN specified to connect to when the line originates, so the direct connect capability cannot function.

Data Structures:

The port from the process control block link area (PCBLA) is printed in the assert message.

Action:

Use the OP:CONV input message with the port and SM number in the assert message to convert the port to a directory number. Find the ACVT feature assigned to the line from RC/V VIEW 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) Use the RC/V View 1.46 (ISDN ATTENDANT CONTROL OF VOICE TERMINALS LINE PARAMETERS) with the ACVT feature and DN to change the ACVT error treatment to ERROR TYPE = RERTE and specify an ERROR TN.

85. FPD_COMP (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the relation RLDI_COMP, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLDI_COMP. Key fields: carrier ID, feature group = D, code index.

Action:

Use the RC/V CDIM view to insert an rLDI_COMP tuple. If necessary, use the LDIT, PDIT or INDIT views to verify the CODE INDEX and use the ICF view to verify the CARRID.

86. FPDIGDPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call failed in digit analysis because an rLDA_DIGSTRT tuple was not found. The tuple is missing or the key used to read the RLDA_DIGSTRT relation was set incorrectly.

The digtree and port number will be printed on the ROP to help determine the status of the digtree and where the incorrect information came from.

Data Structures:

RLDA_DIGSTRT. Key field: digtree

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the key in the RLDA_DIGSTRT relation with the actual key used to access this relation. The port number was printed to help determine the key. If the actual key is not populated in the RLDA_DIGSTRT relation, add the digtree value shown on the ROP to the relation using RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

87. FPDIGSTRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDA_DIGSTRT. This indicates that the tuple is missing, or the key used to read the relation is set incorrectly.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the key in the RLDA_DIGSTRT relation with the actual key used to access this relation. If the actual key is not populated in the relation, add the specified digtree value to the relation RLDA_DIGSTRT using RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

88. FP_DIRCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLFC_DIRCON relation.

Data Structures:

RLFC_DIRCON. Key fields: port.member, port.module, party.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_DIRCON relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]) and View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]).

89. FPDNBFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read a rIDN_FEATS tuple has failed.

Data Structures:

RLDNFEATS. Key fields: lead module, ltm index, ltm type.

Action:

The ROP report will show the keys to the relation RLDN_FEATS and the business and residential custom services (BRCS) feature group (BFG) ID associated with the keys.

Verify the features on the line with RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]). If these are correct, use ODBE with the keys to verify the existence of an rIDN_FEATS tuple. If the tuple does not exist, make sure that, for the line, the rIFC_LINE tuple with the same ltm_index and ltm_type has the dnbfg field set to DBNO.

90. FPDNFEA2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIDN_FEATS tuple with the given keys cannot be found in the static database. The keys used to read the tuple are found in the assert printout on the ROP. The LTM_TYPE will have only one of two possible values. If the type is LTM_OTHER, a 0 will be printed; if the type is LTM_ISDN, a 1 will be printed. The tuple is either missing or the keys used to access the tuple are invalid.

Data Structures:

RLDN_FEATS. Key fields: lead_module, ltm_type, ltm_idx, range.

The lead_module is the SM number, ltm_type is the logical termination index type, ltm_idx is the logical termination index, and range indicates the group of 5 tuples (0-4).

Action:

1. Verify that the keys are valid. The LEAD_MODULE must be between 1 and 192, LTM_TYPE will be 0 or 1, LTM_IDX must be between 1 and 4095, and RANGE should be 0.

2. This assert should be called only when RANGE = 0. This is the only tuple that's required. When RANGE = 0, there must be an rIFC_LINE tuple for the associated port with the brc_dn attribute set to DBYES.

3. Use ODBE in the batch read (BR) mode to read the RLFC_LINE relation into a *UNIX*[®] file. Use the *UNIX*[®] editor to locate the tuple that has the same LTM_TYPE and LTM_IDX by checking the "ltm_type" and "ltm_idx" attributes for each rIFC_LINE tuple. If the located tuple has the brc_dn attribute marked DBNO, file a trouble report.

4. If the "brc_dn" attribute is DBYES, perform the following steps:
 - a. Zero the brc_dn bit (DBNO) in the rIFC_LINE tuple.
 - b. Check for any rIDN_FEATS tuples that have the same keys with the other 4 possible ranges (1,2,3,4).
 - c. Note the assigned features in any rIDN_FEATS tuples found.
 - d. Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) to re-insert the features.

91. FPDNFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIDN_FEATS tuple failed.

Data Structures:

RLDN_FEATS. Key fields: lead module, ltm index, ltm type.

The D channel portname will also be printed on the ROP. The D CHANNEL PORT will be printed as zero if this data was unavailable.

Action:

The ROP report will show the keys to RLDN_FEATS. Verify the features on the line with RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]). If these are correct, use RC/V, (or ODBE, if necessary) with the keys to verify the existence of an rIDN_FEATS tuple. If the tuple does not exist, make sure that for the line, the rIFC_LINE tuple with the same ltm_index and ltm_type has the brc_dn field set to DBNO.

92. FPDR_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLDR_LTM relation.

Data Structures:

RLDR_LTM. Key fields: lead module, LTM index, LTM type, feature ID.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLDR_LTM relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.25 (DISTINCTIVE RINGING LINE PARAMETERS).

93. FPDSU2NRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to activate or deactivate an analog visual message waiting indicator (AVMWI) failed, or an attempt to send display information to an analog individual calling line identification calling number display (ICLID CND) by sending a frequency shift key (FSK) signal to the analog customer premise equipment (CPE) port failed. The request was issued with the expectation that the digital service unit model 2 (DSU2) equipment/transceiver (XCVR) circuits were currently part of the SM.

The failure occurred due to one of the following reasons:

1. The SM on which the port resides does not have a DSU2 present. The message service system (MSS) feature with virtual message waiting indicator (VMWI) or line identification (LID) feature with ICLID should not be assigned to analog ports on this SM.
2. The SM on which the port resides does have a DSU2 present, but no transceiver circuits are assigned. The DSU2 needs to be reconfigured to include XCVR circuits.

Data Structures:

RLMDS_CF, RLMDS_GRP, RLMDS_PORT, RLMDS_PORT, RLDN_FEATS, RLCKTDATA, RLTDCE_CKT, RLCTB_ECCKT, RLXCVR_CKT, RLPICB, RLRC_EQLOC, RLICLIDIDX, and RLCNDDATA.

Action:

The ROP output provides the port number, the parameters used to read the RLMDS_PORT or RLICLIDIDX relation, and a message indicating that there is an invalid AVMWI or ICLID CND request and there is no DSU2 or there are no transceiver circuits.

94. FPE9TKESCO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The emergency service central office (ESCO) is not specified for a dedicated E911 trunk. The E911 call in progress will be routed based on the ESCO obtained from the rIDA_DIGSTRT tuple specified for the trunk.

Data Structures:

RLFC_TRUNK. Key fields: port.member port.module.

Action:

1. Consult the office records to determine the correct ESCO value to be assigned to the trunk group specified as GRPNUM on the ROP.
2. Update the ESCO field on screen 6 of RC/V View 5.1 (TRUNK GROUP) to the value determined in step 1, using the GRPNUM printed on the ROP as the key.

95. FPEAIDIGS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the RLFCEAINFO relation failed to find a match of the equal access signaling (EAS) information digits that came in the billing sequence of an EAS call. This relation specifies whether a certain call type should be allowed or blocked for domestic and international outbound calls. The RLFCEAINFO relation is fully populated between 0 and 99. Therefore, any two digits received will match a tuple in the relation.

Data Structures:

RLFCEAINFO. Key field: II digits. Dumped Data: II digits

Action:

The RLFCEAINFO relation is corrupt. Check the relation and re-create it using RC/V View 9.17 (EAS INFORMATION DIGITS) (or use ODBE, if necessary).

96. FPEDSLTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLEDSTRKG relation.

Data Structures:

RLEDSTRKG. Key fields: grpnum, member, module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLEDSTRKG relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 5.34 (EDSL CALL BY CALL FEATURES), 5.1 (TRUNK GROUP), and 5.5 (TRUNK MEMBER).

97. FPERR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected internal error occurred.

Probable cause:

Data not properly initialized or memory crashed or network problem occurred.

Action:

Use FPerr.h to map the first dumped data to the corresponding symbolic name then use the symbolic name to locate the function and line where the assert fired.

98. FPFCLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation or the tuple is missing from the RLFC_LINE relation.

Data Structures:

RLFC_LINE. Key fields: port.member (hex), port.module (dec), party (dec).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_LINE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views:

- 12.8 (BFG ADMINISTRATION)
- 23.2 (DIGITAL SUBSCRIBE LINE)
- 21.30 (OSPS-DSL PORT)
- 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT])
- 5.12 (BRCS FEATURE ACTIVATION [TRUNK MEMBER])
- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 4.29 (ATTENDANT MLHG/BUSY LAMP FIELD RANGE DN ASSIGNMENT)

- 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST)
- 1.9 (MULTIPLE DIRECTORY NUMBER WITH DISTINCTIVE RINGING)
- 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
- 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
- 1.32 (TWO TELEPHONE NUMBER SWAP)
- 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
- 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])

99. FPFC_OPERTRK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLFC_OPERTRK relation.

Data Structures:

RLFC_OPERTRK. Key fields: port member, port module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_OPERTRK relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 5.1 (TRUNK GROUP) and 5.5 (TRUNK MEMBER).

100. FPFCPORTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIFC_PORTTYP tuple with the given keys cannot be found in the static database. The keys used are found in the assert printout on the ROP. The tuple is either missing or the keys used to access the tuple are invalid.

Data Structures:

RLFC_PORTTYP. Key fields: port.module (SM number), port.member.

Action:

1. Verify that the keys are valid.
2. Use View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]) to assign this port.
3. If the tuple was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

101. FPFC_TDIRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When trying to get direct connect directory numbers (DNs) for trunks, a not found condition was returned. This indicates that the rIFC_TDIRC tuple is missing or the keys used were incorrect.

Data Structures:

RLFC_TDIRC. Key fields: member, module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_TDIRC relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 5.1 (TRUNK GROUP) and 5.5 (TRUNK MEMBER).

102. FPFC_WZ1 (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the key used to read this relation, or the tuple is missing from the RLFC_WZ1 relation.

Data Structures:

RLFC_WZ1. Key field: npa (in hex).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_WZ1 relation with the actual key used. If the tuple is missing, add it. If the key used to access the relation was set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 9.3 [LOCAL DIGIT (OFFICE DIALING)], 9.9 [REMAINING DIGIT (OFFICE DIALING)] and 9.15 [MULTIPLE LOCAL DIGIT (OFFICE DIALING)].

103. FPFC_WZ1 (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the key used to read this relation, or the tuple is missing from the RLFC_WZ1 relation.

Data Structures:

RLFC_WZ1. Key field: npa (in hex).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_WZ1 relation with the actual key used. If the tuple is missing, add it. If the key used to access the relation was set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 9.3 (LOCAL DIGIT [OFFICE DIALING]) and 9.15 (MULTIPLE LOCAL DIGIT [OFFICE DIALING]).

104. FPGETCHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in relation RLGETCHT. When attempting to get the charge table name, a not found condition was returned. This indicates the tuple is missing in relation RLGETCHT or that the keys used were incorrect.

Data Structures:

RLGETCHT. Key fields: TIME_B, D_O_WEEK (in hex).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLGETCHT relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next

level of support.

This relation is updated by RC/V View 10.15 (RATE DAY AND TIME [CHARGING]).

105. FPGLRE3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A glare problem occurred and the releasing end did not back-down before glare timed-out.

Data Structures:

RLFC_TRUNK.

Action:

The releasing side may be engineered incorrectly. If the trunk is a digital two-way trunk, the carrier system could be looped. If the trunk is a one way trunk, the glare bit is erroneously set.

106. FPGLR_NC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates a problem where a glare yield situation has occurred. The originating office has the non-controlling end of a trunk and the trunk backs down. For ASI-Proxy IP trunks, the initial connection to the IP is not successful.

Data Structures:

RLFC_TRUNK.

Action:

If the trunk is a digital two-way trunk or an ASI-Proxy IP outgoing trunk, the carrier system could be looped back or engineered incorrectly. If the trunk is a one-way trunk, the glare bit on RC.V view 5.1 is erroneously set. For ASI-Proxy Trunks, the IP may be OOS. If an ASI-Proxy carrier is looped, it may cause dialing problems to the ASI user.

107. FPICLIDDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBCND	Audit Mode: elev

Problem:

A tuple in the RLDBCND dynamic relation cannot be obtained, or cannot be linked to the process control block link area (PCBLA). The audit on dynamic relation RLDBCND will be scheduled to run. The ROP will print out the rLDBCND tuple that was trying to be obtained, or was trying to be linked.

Data Structures:

RLDBCND.

Action:

An audit has been scheduled. No manual action required.

108. FPICLIDIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLICLIDIDX tuple with the given keys cannot be found in the static database. The LTM_TYPE will have only one of two possible values: If the type is LTM_OTHER a 0 will be printed; if the type is LTM_ISDN a 1 will be printed.

The tuple is either missing or the keys used to access the tuple are invalid.

Data Structures:

RLICLIDIDX. Key fields: ltm_idx, ltm_type.

RLDNFEATS. Key fields: lead_module, ltm_idx, ltm_type.

Action:

- 1) Verify that the keys are valid. LTM_TYPE will be 0 or 1, and LTM_IDX must be between 1 and 4095. If the keys are invalid, file a trouble report.
- 2) Use RC/V (or ODBE, if necessary) in the batch read (BR) mode to read the RLFC_LINE relation from the SM that the assert was fired from into a *UNIX*® file. Use the *UNIX*® editor to locate the tuple that has the same LTM_TYPE and LTM_IDX by checking the "ltm_type" and "ltm_idx" attributes for each rLFC_LINE tuple.
- 3) Check if the RLFC_LINE "port" and "party" has been assigned the link inhibit denied (LID) feature, and if so, reset the "brc_dn" bit in the tuple.
- 4) Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) to re-insert the features for that user.
- 5) If the RLFC_LINE "port" and "party" has not been assigned the LID feature, check if it has been assigned as part of a BRCS feature group (BFG). Here, "bfg_dn" will be a 1 (DBYES). Set "bfg_dn" in the tuple to 0 (DBNO).
- 6) Use RC/V View 1.11 to re-assign the user to the BFG.
- 7) If the error cannot be corrected by these steps, file a trouble report.

109. FPIMTGRPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When looking for the interface module trunk group number, a failure code of DBNO_MATCH was returned. This indicates that the rLIMTGRPS tuple is missing, or the keys used were incorrect.

Data Structures:

RLIMTGRPS. Key fields: tgroup, port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLIMTGRPS relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 5.1 (TRUNK GROUP) and 5.5 T(RUNK MEMBER).

110. FPINVTNSC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminating network selection code (TNSC) value is too large. The call will be killed.

Data Structures:

The ROP output indicates the TNSC value that was too large.

Probable Cause:

Value is larger than 999.

Action:

Check sources of the TNSC value and determine where the invalid value came from. The office default, RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)] TERM NSC may be 1023 and should be set to a value that is less than 1000.

111. FPINVTNSC2DAS (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Missing terminating network selection code (TNSC) to DAS translation.

Data Structures:

Terminating network selection code (TNSC) value.

Action:

Insert TNSC value as a key on RC/V View 8.53.

112. FPLDPTNSC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a bad return code from read of RLLDPTNSC We got a TNSC in signaling, completed the mapping specified in RC/V View 8.54 Then the results of this mapping were the key to RLLDPTNSC. A read error from DBfrdtup() indicates a problem with the database.

Data Structures:

The ROP output indicates the return code from DBfrdtup() primitive.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for assistance.

113. FPLINE_SCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLFC_LINE. Either the tuple is missing, or the keys used to read the RLFC_LINE relation are set incorrectly.

This problem involves POTS calls including 2-party, 4-party, 8-party line time slot bridging (LTSB), coin, INDIV, etc. In the case of a 2-party line where only one party is assigned (as in the case of LTSB) this condition can occur due to an incorrectly-wired phone or port. For example, this assert will fire if a tip ground phone is connected to a ring port, or a ring ground phone is connected to a tip port. This can also occur in the case of a 2-party configuration where party 2 is assigned, but party 1 is not.

Although the lines can have any business and residential custom services (BRCS) feature on them, most of the features would not be activated at the time of this RLFC_LINE read. The call will be torn down and the port will be put out of service.

The key field 'PARTY' does not print out with the assert. This is because RLFC_LINE can be read with several 'PARTY' values based on the class of service. The 'PARTY' value dumped at the time this assert fires may not be the actual value that should be used. The correct 'PARTY' value can be determined from the LEN value, which prints out instead.

The line equipment number (LEN) consists of the SM number, the line unit (LU) number, the GRID, BOARD, SWITCH and LEVEL numbers - the actual physical location of the port. From the LEN information, those who configured the office should be able to determine which 'PARTY' value is acceptable at the LEN specified.

(1) A 'PARTY' value of 0 must be used by lines with the following class of service: FC_INDVDL, FC_4WIRE_INDV, FC_ATTENDANT, FC_COIN, FC_PBX, FC_SATSTLN, or PBXHOTMOT.

(2) For MULTIPARTY lines, valid 'PARTY' values are as follows:

```
FC_TWOPTY      1 or 2
FC_2PTY (ringpty) 1, 2, 3, 4, 5
FC_2PTY (tippty) 6, 7, 8, 9, 0
FC_5PTY        1, 2, 3, 4, 5
FC_4PSS (ringpty) 1 or 3
FC_4PSS (tippty) 2 or 4
FC_4PFS        1, 2, 3, 4
FC_8PSS        1, 2, 3, 4, 5, 6, 7, 8
FC_10PTY       6, 7, 8, 9, 0
```

(3) Any service class NOT covered in cases 1 or 2, will default to a value of 0.

Data Structures:

RLFC_LINE. Key fields: global port (sm and port), party.

Domain values for 'PARTY' can also be found in the 5ESS® Domain Description Reference Manual.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the values for the global port key in RLFC_LINE with the global port value that was printed on the ROP. Also cross-check the value for the 'PARTY' key in RLFC_LINE with the 'PARTY' value determined from LEN. If the tuple is missing, insert it. If the keys used to access the relation were set incorrectly, notify your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

This relation is updated by the following RC/V Views:

- 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
- 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])
- 1.8 (ANALOG LINE/BRCS ASSIGNMENT)
- 1.9 (MULTIPLE DIRECTORY NUMBER WITH DISTINCTIVE RINGING)
- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])

For the case of a 2-party configuration where party 2 is assigned, but party 1 is not, change the customer's line and equipment from "party 2" to "party 1".

114. FPLNBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the leased network (LN) transaction handler function FCIntrhdlr(), which was communicating with the network control point (NCP) to get routing information. The call affected was sent to reorder.

Action:

No action is required if this assert occurs singularly. If this assert starts to roll, contact your next level of support. Multiple occurrences indicate the load is suspect.

115. FPLNDAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call requiring a query to the LN network control point (NCP) database has been made on an LN trunk, but the LN digit analysis selector (which is the global office parameter, Gllndas) has not been set.

In the RLFC_TRUNK relation, the trunk is marked as an LN query trunk; that is, the RLFC_TRUNK attribute ln_type is set to LN_QRY. Such trunks are required to send queries to the NCP for routing information. Before a query can be sent to the NCP, 3-digit screening is required on the number dialed. The LN digit analysis selector (DAS) points to the DAS to be used for this screening. The affected call was sent to reorder. All LN QRY calls will not complete until this problem is corrected.

Data Structures:

RLFC_TRUNK. Key fields: member and module.

Action:

To correct the problem, first determine which is incorrect: the RLFC_TRUNK "ln_type" field or the LN DAS. If the trunk is a valid LN_QRY trunk, set the LN DAS using RC/V View 8.15 (CCS OFFICE PARAMETERS). If the trunk is NOT a valid LN QRY trunk, notify your next level of support.

116. FPLNDGST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDA_DIGSTRT for a particular line.

Data Structures:

RLDA_DIGSTRT, RLPSX25LN.

The digit analysis selector (digtree), normalized office code (NOC), and 4-digit station number of the line are printed.

Action:

Ensure that the digtree attribute in relation RLPSX25LN for the given line is correct using RC/V. If the digtree is valid, add a tuple for the corresponding digtree to RLDA_DIGSTRT using View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

117. FPLNPKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A leased network (LN) call has been attempted, but the leased network action point (LNACP) software package is not loaded. The "ln_type" field of the RLFC_TRUNK relation is set to LN_QRY, indicating a LN Query (QRY) trunk, but the LNACP package is not loaded.

Data Structures:

RLFC_TRUNK. Key fields: member and module.

Action:

To correct the problem, first determine if the trunk is a valid LN trunk. If the trunk is a valid LN trunk, the SM should have the standard or loaded configuration loaded. The LNACP package is part of both of these configurations. In this case and the one in which the trunk is NOT a valid LN trunk, notify your next level of support.

118. FPLNPTYPECI (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid TYPE CI CALL was detected in this LNP call due to one of the following situations:

- (1) An LNP query was launched and the SCP returned a location routing number (LRN), LRN SCREENING was set to Y, and the LRN was analyzed in digit analysis to pick up a new code index and TYP CI CALL.
- (2) A call came into an office on an incoming ISUP trunk group with an LRN (trunk group is given). The LRN was analyzed and an invalid TYP CI CALL was found.
- (3) call was terminated to a line which had an LRN IDX assigned. In digit analysis, an LNP trigger was found and/or PORTED IN was set to Y. The LRN associated with the LRN IDX, when analyzed, had LRN SCREENING set to Y, with an invalid TYP CI CALL.

Data Structures:

In addition to the used TYP CI CALL, the following information is output: The DAS, the LRN, the TG (case 2), and DN.

Action:

Use the DAS and the LRN output on the ROP to find the offending form on RC/V Views 9.3 (LOCAL DIGIT (OFFICE DIALING)), 9.9 (REMAINING DIGIT (OFFICE DIALING)), or 9.15 (MULTIPLE LOCAL DIGIT (OFFICE DIALING)). Change the TYP CI CALL to one of the following values supported by LNP for LRNs:

INTRA NONCI ICTOLL COMP PRIV CONFL ICCONTOLL *INTER

NOTE: INTER is only allowed for LNP on LDP calls. SFID 303 must be purchased.

If this change is too obtrusive (that is, the digit analysis form is shared by other calls), office personnel also have the option of:

For case 1), change the DAS being used (which could be the trigger's post-query DAS, SCP DAS, and so forth) so that digit analysis uses a form where the LRN is defined with a valid TYP CI CALL for an LRN. Or if the LRN TYP CI CALL and CDI does not need to be used, set LRN SCREENING=N on the form where the LRN is defined in digit analysis.

For case 2), change the DAS being used (which could be the LRN DAS assigned to the incoming trunk, trunk's DAS, and so forth) so that digit analysis uses a form where the LRN is defined with a valid TYP CI CALL. Of course, changing the trunk DAS will affect the routing on incoming calls that do not contain LRNs.

For case 3), change the DAS being used (which could be the trigger's post-query DAS, originator's DAS, and so forth) so that digit analysis uses a form where the LRN is defined with a valid TYP CI CALL. Or if the LRN TYP CI CALL and CDI does not need to be used, set LRN SCREENING=N on the form where the LRN is defined in digit analysis. Or using the DN output, update the LRNIDX on the line (RC/V Views 1.6 [COMPOSITE LINE (LINE ASSIGNMENT)], and 23.2 [DIGITAL SUBSCRIBER LINE]) which maps to an LRN with a valid TYP CI CALL value for LRNs.

119. FPLRN_RTTYPE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid provisioning of local number portability (LNP) data has occurred. When analyzing a local routing number (LRN) which is not on the switch (HOME LRN = N), a route index (RTI) needs to be specified.

Misprovisioning can be a result of one of the following scenarios:

- (1) An OFFCOD is correctly specified, but the HOME LRN is incorrectly set to N.
- (2) The HOME LRN is correctly set to N, but an RTI is not specified.

Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]), View 9.9 (REMAINING [OFFICE DIALING]) or View 9.15 (MULTIPLE LOCAL DIGIT [OFFICE DIALING]) to inspect the HOME LRN, RTI, and OFFCOD values.

Data Structures:

RLDAPRMFNL

Action:

- (1) When the OFFCOD is correctly specified, but the HOME LRN is incorrectly set to N, change HOME LRN to Y to correct the problem.
- (2) When the HOME LRN is correctly set to N, and an RTI is not specified, specify an RTI to correct the problem.

120. FPLTSBPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access a tuple in the line time slot bridging (LTSB) relation RLLTSBPORT failed. Possibly, no tuple exists for the lport key used. This key is supplied by a MGLTSBxxxx message which could also be incorrect. A third possible cause is a database error.

Data Structures:

RLLTSBPORT.

Action:

Verify that the rLTSBPORT tuple does not exist for the lport key displayed. If true, verify that the lport key is correct, and, if so, add the missing rLTSBPORT tuple.

If the lport key is invalid, either a message was corrupted or code did not build the message properly (perhaps other data is also corrupted). If the lport key is correct, and an rLTSBPORT tuple exists for the key, use database system error procedures.

121. FPMDRGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing in the RLMDR_GP relation.

Data Structures:

RLMDR_GP.

The ROP output indicates the SM number (MOD), the source file and line number, the key used to read the relation - MDR group ID (GROUP ID), the originating logical port (LPORT), and the logical port type (LPT TYPE).

Action:

The port attempting to use the message detail recording to customer location (MDR to CL) feature, has an MDR to CL feature assigned (the MDR to CL feature ID exists in the RLTRMFEATS relation for the dialing port).

The port is assigned to a valid MDR group (a tuple exists in the RLMDR_PORT relation), but the MDR group ID in RLMDR_PORT is invalid or a tuple in RLMDR_GP is missing.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and AM.

1) Using the MDR group ID provided in the ROP output, read the RLfid2NAME relation in the AM where RLfid2name.facid is "MDR group ID", RLfid2name.class is FACMDR, and RLfid2name.subclass is SCL_NULL.

2) If a tuple does not exist in RLfid2NAME for the MDR group ID, further office dependent data (ODD) consistencies may exist. Contact the next level of support.

3) If a tuple exists in RLfid2NAME for the MDR group ID, insert the appropriate rIMDR_GP tuple in the indicated SM where RLmdr_gp.grp_id is "MDR group ID".

Since the RLMDR_GP relation is a group partitioned relation, other group partitioned control relations may also need to be updated - RLDB_AMGPD, RLDB_IMGPD, and RLDB_GPDUS.

122. FPMDRINVGPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message detail recording (MDR) group ID in the RLMDR_PORT relation is zero.

Data Structures:

RLMDR_PORT.

The ROP output indicates the SM number (MOD), the source file and line number, the originating logical port (LPORT), and logical port type (LPT TYPE).

Action:

The logical port attempting to use the message detail recording to customer location (MDR to CL) feature, has an MDR to CL feature assigned (the MDR to CL feature ID exists in the RLTRMFEATS relation for the dialing port).

The logical port has been assigned a MDR feature (a tuple exists in the RLMDR_PORT relation), but the logical port has not been assigned to a valid MDR group (MDR group ID is zero).

Use ODBE to find the entity for the logical port.

1) Using the lport and lpt_type provided in the ROP output, read the RLLPT_PT relation to get the port and party.

2) Use the OP:CONV master control center (MCC) command to find the entity for the port - telephone number (TN) or trunk.

OP:CONV,PORT="mod"-h"port"

where "mod" is the SM number and "port" is the port found in the RLLPT_PT relation.

Use RC/V to assign a valid MDR group to this entity. Use the appropriate MDR parameter view to assign a valid MDR group name: View 1.33 (MESSAGE DETAIL RECORDING LINE PARAMETERS) or View 5.33 (MESSAGE

DETAIL RECORDING TRUNK GROUP PARAMETERS).

123. FPMDRPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing in the relation RLMDR_PORT keyed with logical port (lport) and logical port type (lpt_type).

Data Structures:

RLMDR_PORT, RLFC_LINE, RLLPT_PT.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - LPORT and LPT_TYPE.

Action:

The message detail recording (MDR) business and residential services (BRCS) feature can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When the MDR feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLMDR_PORT relation where RLmdr_port.lport is RLfc_line.lport and RLmdr_port.lpt_type is RLfc_line.lpt_type.

An attempt to read the RLMDR_PORT relation using the original (non-BFG) keys was made because the MDR feature is thought to be assigned directly to the line.

Use ODBE to cross-check the data in the indicated SM.

1. Use the original keys (lport and lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm). MDR is a terminal feature.
3. If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
4. If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
5. If brc_trm is DBYES and the lport and lpt_type values match, an rIMDR_PORT tuple should exist for the original (non-BFG) keys. Insert the appropriate rIMDR_PORT tuple.

124. FPMWCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the static data for a multiway constructed feature for a port, a failure return code of DBNO_MATCH was returned. This indicates the tuple is missing from the RLMWCF relation, or the keys used to read this relation were set improperly.

Data Structures:

RLMWCF. Key field: feature ID (first data item dumped).

Action:

Using ODBE, look at AM relation RLFID2NAME using the feat_id found in the data dump to determine the feature name assigned to the feat_id. Then refer to the multiway calling preconstructed feature definition table in the

5ESS® Switch Business and Residence Custom Features User's Guide to find the attributes associated with that feature name and what the attributes should be set to. Finally, using ODBE, insert a tuple in the RLMWCF relation for the feat_id according to the values found for the attributes provided in the User's Guide.

125. FPNFTLDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-fatal office dependent data (ODD) read error occurred. The call can continue with assumptions made. These assumptions depend on the error encountered.

Data Structures:

Several relations are reported by this assert. The function asserting identifies the relation involved.

Function	Relation	Keys
MCdrng()	RLDR_LTM	ltm_type, lead_module, ltm_idx, feat_id
FCdcls()	RLFC_LINE	port.member, port.module, party
FCffs()	RLRCFEATENT	

The data dump layouts to determine the key values can be found in the 5ESS® Switch Translations Data Manual.

Action:

The solutions to the problem can be found by consulting the FPFCLINE mnemonic for the RLFC_LINE relation.

If the asserting function is MCdrng(), the dring value is not valid. If the asserting function is FCffs(), the role is FCTERM and the selection criteria can be ABA_FLASH, FLASH_RP, FLASH_TERM, or FLASH_ANY; the selection criteria is not any of these. If this occurs, contact your next level of support.

126. FPNODEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid destination index and/or route index was encountered after carrier selection. For carrier types other than PSEUDO, the carrier-specific route index and/or code index is zero. The call cannot be routed, reorder treatment is given.

Data Structures:

RLFCFGB_CARR. Key fields: fgb_carrid, feature group=B.

RLFC_CARR. Key fields: carrid, feature group=D.

Action:

The probable cause of this problem is that digit routing is set to YES, but the RLDI_COMP relation does not contain a tuple with the proper keys. To resolve this problem,

(a) enter the correct route index and destination index for routing the call on RC/V View 10.3 (INTER-LATA CARRIER), or

(b) set dig_route to DBYES on RC/V View 10.3, and insert at least one rLDI_COMP tuple using RC/V View 9.7 (CARRIER DESTINATION [OFFICE DIALING]) with keys that correspond to this carrier as translated in the office dependent data (ODD).

The destination index key to the RLDI_COMP relation is the regular destination index (determined by digit analysis), not the carrier-specific destination index (determined by carrier selection).

127. FPNOEAO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No feature group D (FGD) carrier was found that corresponds to a feature group B (FGB) carrier. A trunk-to-trunk call in an access tandem that originated in a non-equal access end office (EAEO) was translated as FCINTERIM in the tandem. The call was routed to an FGB carrier via a route index that has equal access (EA) signaling.

There is no FGD carrier defined in the office dependent data (ODD) that corresponds to the carrier ID code (CIC) that was inputted, or the carrier type is not valid for this type of call. Reorder treatment is given.

Data Structures:

RLFC_CARR. Key field: carrid, feature group=D

Action:

If an FGD carrier is present in the ODD, verify that the carrier type is set to TYPE_IEC or TYPE_CONSOL.

Verify that this call should be routed to a carrier that expects EA signaling. If this is not the case and the far office expects traditional signaling, change the signaling protocol to FGB in RC/V View 10.2 (ROUTE INDEX [ROUTING]). (CAUTION: This route index may be used by other calls. If in doubt, create an entirely new route index to implement traditional signaling on this route.)

If EA signaling is intended, insert an rIFC_CARR tuple using RC/V View 10.3 (INTER-LATA CARRIER) that corresponds to the FGB carrier indicated in the dialed digits for this call.

128. FPNS_TNLNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

During a call, an attempt to access the RLNS_TN dynamic relation failed. This relation is linked to the RLPCBLA dynamic relation during calls that communicate with an external database for routing information, such as the network control point (NCP) for leased network (LN) or software defined network (SDN) calls.

The linkage from the RLPCBLA relation to the RLNS_TN relation is out-of-range (pc_cb.lnk is 0 or greater than DBQNNS_TN). This assert can occur for all kinds of calls. The linkage for RLPCBLA and RLNS_TN is used to determine if the call is a LN or SDN call. Since the linkage is broken, the type of call cannot be correctly determined. The affected call was purged and the FCPCBLA audit was scheduled to run in the elevated mode.

Action:

No action is required if this assert occurs singularly. If this assert starts to roll, contact your next level of support.

129. FPNULPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A macro called to retrieve a portname has failed to successfully read either RLFC_PORTTYP or RLCKT_PORT. The calling function or macro was returned a value of GLNULPORT. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

130. FPNVLSCFID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of two problems may have occurred:

1. Either two one-digit speed calling features or two two-digit speed calling features were assigned to the same port. The call continued, using the speed call feature that is indicated by the first feature ID that was dumped.
2. There is invalid data in the rISC_CF tuple that is keyed by the feature ID that is dumped.

Data Structures:

RLTRMFEATS. Key fields: port, port type, range (not dumped).

RLSC_CF. Key field: fid.

Action:

If two fids were dumped, then the first problem has occurred. Take the following action:

1. Use RC/V (or ODBE, if necessary) in the CMP to access the rIFID2NAME tuple keyed by each of the feature IDs that appear on the ROP output. The other keys to this relation are: RLfid2name.class = FACBRCS and RLfid2name.subclass = SCL_FEAT. Remember the feature name (or facname) given in both of the tuples found.
2. Examine each of the two features using RC/V View 12.51 (SPEED CALLING FEATURE DEFINITION), which is keyed by the feature name found above. One (or both) of these features should not be assigned to this port, and must be removed. If the feature that should be removed is not apparent, contact the next level of support.
3. If the feature that should be removed is apparent, follow these steps to remove it:
 - a) At the master control center (MCC), enter the following command: op:conv,lport=x-y-z where: x is the SM indicated on the ROP output, y is the lport number from the ROP output, and z is either ISDN or OTHER, depending on whether or not this is an ISDN port.
 - b) Determine the RC/V view to use. If the op:conv command gave a TN, OE, or MLHG number, use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]). If the op:conv command gave a TG or EN number, use RC/V View 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER]).
 - c) Use the RC/V view determined above to delete the feature. If there is any problem with deleting this feature, contact the next level of support.

If only one fid was dumped, then the second problem has occurred. Take the following action:

1. Use RC/V (or ODBE, if necessary) in the CMP to access the rIFID2NAME tuple keyed by the feature ID that appears on the ROP output. The other keys to this relation are: RLfid2name.class = FACBRCS and RLfid2name.subclass = SCL_FEAT. Remember the feature name (or facname) given in the tuple that is found.
2. Examine the feature using RC/V View 12.51, which is keyed by the feature name found above. Determine whether this feature is one-digit speed calling or two-digit speed calling.
3. Use RC/V (or ODBE, if necessary) in the SM to access the rISC_CF tuple keyed by the feature ID that appears on the ROP output. Change the sc attribute of this tuple according to the following rules:
 - a) If RC/V View 12.51 indicated that this is a one-digit speed calling feature, assign the value SC1_DIG to the sc attribute.
 - b) If RC/V View 12.51 indicated that this is a two-digit speed calling feature, assign the value SC2_DIG to the sc attribute.
4. If any problems are encountered during this procedure, contact the next level of support.

131. FPOFFICECODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLOFFICECODE relation or the rlofficecoe tuple is missing.

Data Structures:

RLOFFICECODE. Key field: noc.

Action:

This is a database inconsistency that can only be corrected by manual action. The noc variable (decimal) was expected, but not found. Use the key NOC as printed on the ROP to access the RLOFFICECODE relation. Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the relation with the actual keys used to access the relation. If the noc was assigned through standard office data administration (ODA) or recent change (RC), a trouble report should be filed.

132. FPOW_BADCICALL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For OUTWATTS calls, if the carrier type is LEC or if the carrier type is PSEUDO and the scp route is SCP_PRIV, then the type_ci_call (type of carrier interconnect call) can only be PRIV, INTRA, COMP, or SAC, or INTER for dest_type (destination type) OPER. An inconsistency was found in the type_ci_call attribute.

Data Structures:

RLDAPRMFNL. Key field: previous.

The table number is from the RLDAPRMDGT or RLDA_AMBIG relation.

Action:

Change the TYPE_CI_CALL field in RC/V View 9.3 [LOCAL DIGIT (OFFICE DIALING)] or RC/V View 9.9 [REMAINING DIGIT (OFFICE DIALING)] to PRIV, INTRA, COMP, SAC, or INTER with 0 as the PREFIX.

133. FPOW_BADCICALL (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For OUTWATTS calls, if the carrier type is LEC or if the carrier type is PSEUDO and the scp route is SCP_PRIV, then the type_ci_call (type of carrier interconnect call) can only be PRIV, INTRA, COMP, or SAC, or INTER for dest_type (destination type) OPER. An inconsistency was found in the type_ci_call attribute.

Data Structures:

RLDAPRMFNL. Key field: previous

The table number is from the RLDAPRMDGT or RLDA_AMBIG relation.

Action:

Change the TYPE_CI_CALL field in RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) to PRIV, INTRA, COMP, SAC, or INTER with 0 as the PREFIX.

134. FPPCCLSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dynamic database read occurred during call processing. The FPDiganl() function received an error return code from a dynamic access (DA) primitive, possibly due to a corrupted linkage in the process control block link area (PCBLA)-call leg data block (CLDB) set. The FPDiganl() function could not recover from this error.

135. FPPCONF1 (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDA_CONFLCT.

Data Structures:

RLDA_CONFLCT, RLDAPRIMDGT.

The ROP output provides the keys used to access the missing rIDA_CONFLCT tuple (table and digits) and the keys for the corresponding rIDAPRIMDGT tuple (previous and digit).

Action:

Verify that the next attribute in the rIDAPRIMDGT tuple points to a valid rIDA_CONFLCT table. Also, verify that the digits field printed on the ROP is the correct number of additional digits (after primary translation in RLDAPRIMDGT) for this conflict. If the value is incorrect, update the conflict resolution entries on RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) or RC/V View 9.9 (REMAINING DIGIT [OFFICE DIALING]).

136. FPPCONF1 (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in the relation RLDA_CONFLCT.

Data Structures:

RLDA_CONFLCT, RLDAPRIMDGT.

The ROP output provides the keys used to access the missing rIDA_CONFLCT tuple (table and digits) and the keys for the corresponding rIDAPRIMDGT tuple (previous and digit).

Action:

Verify that the next attribute in the rIDAPRIMDGT tuple points to a valid rIDA_CONFLCT table. Also, verify that the digits field printed on the ROP is the correct number of additional digits (after primary translation in RLDAPRIMDGT) for this conflict. If the value is incorrect, update the conflict resolution entries on RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]).

137. FPPCONF2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIDA_CONFLCT tuple has an invalid attribute (row) value for packet switching.

Data Structures:

RLDA_CONFLCT. Key fields: table, digits.

Action:

Modify the row attribute in accordance with the population rules for the RLDA_CONFLCT relation.

138. FPPF_CPSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When trying to get a customer premises equipment port to a scan port point relation, a failure code of DBNO_MATCH was returned. This indicates that the RLPF_CPSL tuple is missing or the keys used were incorrect.

Data Structures:

RLPF_CPSL. Key fields: cpe_port.member, cpe_port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLPF_CPSL relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 5.5 (TRUNK MEMBER).

139. FPPF_TKDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLFP_TKDN relation.

Data Structures:

RLPF_TKDN. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFP_TKDN relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V Views: 5.1 (TRUNK GROUP) and 5.5 (TRUNK MEMBER).

140. FPPORTGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLPORT_GROUP relation. When reading the RLPORT_GROUP relation with the key from the RLPCBLA relation, a failure code of DBNO_MATCH was returned. The port was not found in the RLPORT_GROUP relation.

Data Structures:

RLPORT_GROUP. Key fields: port.member, port.module, party.

Action:

This is a database inconsistency that can be corrected by manual action. The first two variables contain the port member and module from RLPCBLA. Using the information on the ROP, determine what port (member and module) should be assigned through recent change (RC).

141. FPPORTTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLFC_PORTTYP was read with an invalid key, (port), or a tuple is missing from this relation. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the

INTRODUCTION section of the Asserts manual.

142. FPPP_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLPP_CF relation.

Data Structures:

RLPP_CF. Key field: feat_id.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLPP_CF relation with the actual keys used. If the tuple is missing, add it using RC/V View 12.31 (PRECEDENCE AND PREEMPTION [FEATURE DEFINITION]). If the keys used to access the relation were set incorrectly, notify your next level of support.

143. FPPUG_SM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLPUG_SM relation.

Data Structures:

RLPUG_SM. Key field: queue (first data item dumped).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the relation with the actual key used. If the tuple is missing, add it. If the key used to access the relation was set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.23 (CALL PICKUP LINE PARAMETERS).

144. FPPU_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLPU_LTM. When attempting to read this relation, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLPU_LTM. Key fields: lead module, LTM index, LTM type, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

145. FPRDANITB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure of RLANIMOD, RLANITBL, or RLANIDFLT has occurred. These relations are read for toll digital exchange (TDX) calls. If the assert failing address indicates a problem with RLANIMOD, look at the full North American Numbering Plan (NANP DN) entry for that automatic number identification (ANI) on RC/V View 8.50 (AUTOMATIC NUMBER IDENTIFICATION SWITCHING MODULE).

If the failing address points to the RLANITBL relation, check the contents of the full NANP DN entry on RC/V View 8.51 (AUTOMATIC NUMBER IDENTIFICATION TABLE).

If the failing address indicates the RLANIDFLT relation has failed, then using a key of 000-000-0000 as the full NANP DN, check the contents of RC/V View 8.51.

The first raw data dump contains the ANI calling number.

The second raw data dump message contains the return code from the database read request.

146. FPRDIITB (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure of RLIIDIGITS has occurred. This relation is read for long distance platform (LDP) calls.

Data Structures:

RLTDXCARTB. Keys: ii_digits, trk_grp.

Action:

The first raw data dump contains the II digits of the call and the trunk group associated with the call. Use these values as a key to check the contents of RC/V View 8.57.

NOTE: the II digits value 100 indicates the wildcard information digits and the trunk group number 0 indicates the wildcard trunkgroup.

The second raw data dump contains the return code from the database read request.

147. FPRDLPCTB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure of RLTDXCARTB has occurred. This relation is read for long distance platform (LDP) calls.

Data Structures:

RLTDXCARTB. keys: tdx_carr, presub.

Action:

Using the first two raw data dumps (the ID of the carrier associated with the call and the presubscription status of the caller with respect to this carrier) as a key, check the contents of RC/V View 8.52 (LONG DISTANCE PLATFORM CARRIER TABLE). Note: a carrier ID of 10000 indicates the default LDP carrier table entry, which is a required entry. The third raw data dump contains the return code from the database read request.

148. FPRDLPCTBDFLT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Missing long distance platform (LDP) carrier table default tuples. This relation is read for LDP calls. These default tuples are required to be populated before the LDP feature is activated.

Action:

Using RC/V View 8.52 (LONG DISTANCE PLATFORM CARRIER TABLE), insert two default LDP carrier table tuples, using a carrier ID of 10000 and a presubscription value of Y in the first tuple, then a carrier ID of 10000 with a

presubscription value of N in the second tuple.

149. FPRDLDPIDX (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is no tuple found in relation RLLDPINDEX with a given index(key). Relation RLLDPINDEX is read to get the ANI related data for LDP calls. If the given index is 0 the Default ANI Table is not defined.

Action:

Check RC/V View 8.59 [LONG DISTANCE PLATFORM (LDP) INDEX TABLE] to make sure that there is a tuple with the given index. Check RC/V View 8.58 (AUTOMATIC NUMBER IDENTIFICATION INDEX TABLE) to make sure that the same index is defined for the NPA-NXX-XXXX. If the given index is 0 use RC/V View 8.58 and RC/V View 8.59 to insert the default ANI tuple with the NPA-NXX-XXXX=000-000-0000 and CARRIER ID=10000.

150. FPRTMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the RLRT_MHG relation with the key from the RLPORT_GROUP relation, a failure code of DBNO_MATCH was returned. The rIRT_MHG tuple is missing.

Data Structures:

RLRT_MHG. Key field: grpnum.

RLPORT_GROUP. Key fields: port.member, port.module, party.

Action:

The first variable contains the group number. The next three show the keys of the rIORT_GROUP tuple. Using the information on the ROP, verify that the group number is assigned for the multiline hunt group through standard RC/V.

The RLRT_MGH relation is updated by the following RC/V Views:

- 21.34 (OSPS DSL PACKET SWITCHING ASSIGNMENT)
- 1.22 (CALL FORWARDING LINE PARAMETERS)
- 23.2 (DIGITAL SUBSCRIBER LINE)
- 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
- 3.40 (MODULAR QUEUING [QUEUING PARAMETERS])
- 7.12 (MODULAR QUEUING [QUEUING PARAMETERS])
- 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
- 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])

The RLPORT_GROUP relation is also updated by RC/V Views 21.34, 23.2, 3.5, 1.5, and 1.6 as well as the following RC/V views:

- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
- 5.5 (TRUNK MEMBER)

151. FPRTRROUTING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A not found condition was returned when trying to get the rLRT_ROUTING tuple pointed to by the RLSCRNING relation whose keys are also dumped.

Data Structures:

RLRT_ROUTING. Key field: route_x.

RLSCRNING. Key field: screen_x, dest_x, prefix.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLRT_ROUTING relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views: 10.25 (ALTERNATE ROUTE INDICES [ROUTING]) and 10.2 (ROUTE INDEX [ROUTING]).

152. FPRT_SCRNING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLRT_SCRNING relation.

Data Structures:

RLRT_SCRNING. Key fields: DEST_X, SCREEN_X, PREFIX.

Action:

This destination index and the prefix are the results of digit analysis. The screening index used is from the RLFC_LINE relation for the particular line. Use RC/V (or ODBE, if necessary) to cross-check the keys used to access the RLRT_SCRNING relation with the actual keys for the relation. Verify that this tuple exists; if it does not, add it.

This relation is updated by RC/V View 10.10 (SCREENING [CHARGING]).

153. FPRT_TRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLRT_TRKG relation.

Data Structures:

RLRT_TRKG. Key field: grpnum.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLRT_TRKG relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views:

24.4 (TRAFFIC DATA, ACA, MDR AND FM PARAMETERS)
 12.5 (CONFIGURATION GROUP DEFINITION)
 12.7 (DIRECT TRUNK GROUP SELECT [DTGS] ASSIGNMENT)
 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
 3.40 (MODULAR QUEUING [QUEUING PARAMETERS])
 7.12 (MODULAR QUEUING [QUEUING PARAMETERS])
 7.3 (PFA SIMULATED FACILITY GROUP)
 1.29 (TERMINAL GROUP LINE PARAMETERS)
 5.29 (TERMINAL GROUP TRUNK PARAMETERS)
 5.1 (TRUNK GROUP)
 5.5 (TRUNK MEMBER)

154. FPSC_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the relation RLSC_CF. When attempting to read this relation, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLSC_CF. Key fields: feature ID (first data item dumped).

Action:

Use ODBE in the AM to find the corresponding tuple in the RLSC_OPTS relation. Use the feature ID from the ROP output as the key to this relation.

If the tuple exists in this relation, use the information from this tuple to populate the rISC_CF tuple keyed by the same feature ID. This relation is on the SM indicated in the ROP output.

If the tuple does not exist in the RLSC_OPTS relation, use RC/V View 12.51 (SPEED CALLING FEATURE DEFINITION) to define the speed calling feature. If there is some problem with this feature definition, contact the next level of support.

155. FPSCDSCRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The scd_scrn attribute in the rIFC_LINE tuple was incorrectly set to DBYES, or the corresponding rISCD_SCRN tuple is missing.

Data Structures:

RLFC_LINE. Key fields: port.member, port.module, party-must be FC_INDI.

RLSCD_SCRN. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross check the status of the RLfc_line.scd_scrn attribute and the existence of an rISCD_SCRN tuple. For each rIFC_LINE tuple with the scd_scrn attribute set to DBYES, there must be a corresponding rISCD_SCRN tuple. If the scd_scrn attribute was incorrectly set to DBYES, use ODBE to set it to DBNO. If the scd_scrn attribute should be DBYES, create an rISCD_SCRN tuple using RC/V View 1.60 (CARRIER LINE SCREENING).

156. FPSCM_NSCM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLSCM_NSCM tuple is missing or the keys used to read this relation are incorrect.

Data Structures:

RLSCM_NSCM. Key fields: ltm_idx, ltm_type.

RLIS_LINE. Key fields: lead_module, ltm_idx.

RLFC_LINE. Key fields: port, party.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data on the SM identified on the ROP output as follow:

1) Check to see if the series completion feature is assigned on this line as follows:

a) If the ltm_type of the original key printed on the ROP was LTM_ISDN, read the RLIS_LINE relation using the ltm_idx of the original key from the ROP and the lead_module key as the SM number printed on the ROP as keys. If the sercomp bit is set to DBYES, then series completion is assigned.

b) If the ltm_type of the original key is LTM_OTHER, read the RLLTM_PORT relation using the ltm_idx of the original key printed on the ROP as the key. Use the port and party attributes as keys to read the RLFC_LINE relation. If the sercomp bit is set to DBYES, then the series completion feature is assigned.

2) If the series completion feature is assigned, a tuple should exist in the RLSCM_NSCM relation. Insert the appropriate tuple.

3) If the series completion feature is not assigned, the switch software should not have attempted to read RLSCM_NSCM with these keys. Contact the next level of support.

157. FPSDNBRET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An unexpected return code was received from the FCtrhdlr() function, which is communicating with an external network control point (NCP) data base. The transaction data block will be dumped.

158. FPSDNPKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A software defined network (SDN) call was attempted, but the SDN action point (ACPSDN) software package is not loaded. The sdnded field in the rIFC_TRUNK tuple is set to DBYES, indicating an SDN-dedicated trunk.

Data Structures:

RLFC_TRUNK. Key fields: member, module.

Action:

Determine if the trunk is a valid SDN trunk. If it is a valid SDN trunk, the ACPSDN package is missing; call your next level of support.

If the trunk is not a valid SDN trunk, change the sdnded field in the rIFC_TRUNK tuple to DBNO by changing the SDN DEDIC field to NO in RC/V View 5.1 (TRUNK GROUP).

159. FP_SERCOMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation or the tuple is missing from the RLFC_SERCOMP relation.

Data Structures:

RLFC_SERCOMP. Key fields: port.member, port.module, party.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_SERCOMP relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

This relation is updated by RC/V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]) and RC/V View 1.6 (COMPOSITE LINE [LINE ASSIGNMENT]).

160. FPSF18 (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure of RLANIMOD, RLANITBL, or RLANIDFLT has occurred. These relations are read for toll digital exchange (TDX) calls. If the assert failing address indicates a problem with RLANIMOD, look at the NPA-NXX entry for that ANI on RC/V View 8.50 (AUTOMATIC NUMBER IDENTIFICATION SWITCHING MODULE).

If the failing address points to the RLANITBL relation, check the contents of the NPA-NXX-XXXX entry on RC/V View 8.51 (AUTOMATIC NUMBER IDENTIFICATION TABLE).

If the failing address indicates the RLANIDFLT relation has failed, then using a key of 000-000-0000 as the NPA-NXX-XXXX, check the contents of RC/V View 8.51.

The first raw data dump contains the ANI (calling number).

The second raw dump message contains the return code from the database read request.

161. FPSPABILLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the RLSPABILLDN relation that is keyed with a trunk group. The problem occurred when a special access (SPA) customer originated a WATS or MEGACOM[®] call and RLSPABILLDN was read to retrieve their assigned billing number. Therefore, the RLSPABILLDN relation has the trunk group number incorrectly populated or it is corrupt.

Data Structures:

RLSPABILLDN. Key field: trunk group number.

The trunk group that originated the SPA WATS or MEGACOM[®] call is dumped.

Action:

Check the class of service of this trunk group using RC/V View 5.1 (TRUNK GROUP).

If the trunk group is a valid SPA WATS or *MEGACOM*® type and an rSPABILLDN tuple does not exist that corresponds to this trunk group, use RC/V to add the tuple. If the trunk group is a valid SPA WATS or *MEGACOM*® type and the rSPABILLDN tuple does exist, the relation is corrupt. Check the relation and re-create it using RC/V.

If the trunk group is not valid for SPA WATS or *MEGACOM*® service, use RC/V to change the class of service for this trunk group appropriately.

162. FPTATYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either a tuple is missing from the RLTYPE relation, or the key used to read this relation is not in the domain (which is the set of values the key can have).

Data Structures:

RLTYPE. Key field: tatype.

Values for DMTREAT (domain for tatype) can be found in the *5ESS*® Switch Translations and Dynamic Data Domain Description Manual and the *5ESS*® Switch Translations Guide.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the value for the tatype keys in the RLTYPE relation with the tatype value that was printed on the ROP. If the tuple is missing, insert it (especially if it is required in all offices). If the key used to access the relation is incorrect (that is, not in the domain), notify your next level of support. The RLTYPE relation is updated by RC/V View 10.1 (FIXED ROUTE).

Although RT_REGICPT, RT_DENIED, and RT_OOS are in the domain, they are intercepts and should not be populated in the RLTYPE relation. This is normally true for RT_BLANK, also; however, RT_BLANK can be set up for use on incoming CCS7 trunks that send a "REL" message of 'unallocated number.'

163. FPTCMOBF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that there was not enough space for the traveling class mark (TCM) digits in the outpulsing buffer. The digits were outpulsed without the TCM. This could be an indication of errors in the prefixing and deleting data.

Data Structures:

RLARPORT.

The first data dumped (hexadecimal) is the logical trunk port (lport) on which the error occurred. The second data dump (hexadecimal) contains the digits outpulsed. This is the string, in ASCII, after prefixing and deleting has already been done. To convert, subtract 30 from each digit. The third data dump (hexadecimal) is the TCM that could not be appended.

Action:

This assert may indicate an error in the prefixing and deleting data. Use RC/V to look up the port in the RLARPORT_GROUP relation to find the trunk group it is in. Now, search through the AM relation RLRT_MCRT for tuples that may route to the trunk group, check that the prefixing and deleting could not result in a digit string longer than 14 for 1 digit TCM or 13 for 2 digit TCM. If the resulting digit string is too long, correct the prefixing and deleting attributes using the RC/V view for ARS MC Route Index expansion.

164. FPTG_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation or the tuple is missing from the RL TG_CF relation.

Data Structures:

RLTG_CF. Key fields: feature ID (first data item dumped).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RL TG_CF relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 12.21 (TERMINAL GROUP [FEATURE DEFINITION]).

165. FPTGLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TGLTM tuple is missing for a member of a terminal group. As a result, it cannot be determined if the member is allowed to have a customer defined restriction displayed when the member is part of a call involving the ISDN attendant console for the centrex network feature.

Data Structures:

RLTGLTM. Key fields: lead_mod, ltm_idx, ltm_type.

The first three items on the ROP output are the keys used to access the TGLTM relation. Item 1 - LEAD_MOD. The lead module is the SM number associated with the port or is zero if the terminal group station restriction (TGS R) feature was assigned via a Business and Residential Custom Services (BRCS) Business Feature Group (BFG). Item 2 - LTM_TYPE. This is the ltm type of the originating port. Item 3 - LTM_IDX. This is the ltm idx of the originating port. The next two items on the ROP output are useful data for finding out more information about the port with the problem. Item 4 - MEMBER. This is the port that a was originating a call. Item 5 - MODULE. This is the originating SM of the port.

Action:

Use the following steps to recover the TGLTM tuple and to determine a value for the disp_rstrct field. Step 1. Use odbe to insert a TGLTM on the SM indicated by the MODULE item of the ROP output. Use the LEAD_MOD, LTM_TYPE, and LTM_IDX as the keys. Leave all the other fields with their default values. Step 2. If you are satisfied with the default value in the disp_rst field you are done, otherwise do the rest of these steps. Step 3. Do an op:conv,port=MODULE-h'MEMBER substituting the MODULE and MEMBER with the values from the ROP output. This will provide the DN to use for the rest of the steps. Step 4. If the LEAD_MOD field from the ROP output is zero, the TGS R feature was assigned through a BFG. Use RC view 1.11 to find the BFGN and the TGS R feature. Use RC view 12.9 with the BFGN to find the value of DISP RESTRICT. Use RC view 1.29 to set the value of DISP RESTRICT to the value found on the 12.9 view. Step 5. If the LEAD_MOD field from the ROP output is not zero there is no BFG involved. The TGS R feature was assigned as an individual DN feature. Use RC view 1.11 to find the TGS R feature. Use RC view 12.21 to get the default DISP RESTRICT value. Use RC view 1.29 to set the value of DISP RESTRICT to the value found on the 12.21 view.

166. FPTG_LTMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLTG_LTMER relation.

Data Structures:

RLTG_LTMER. Key fields: lead module, LTM type, LTM index.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLTG_LTMER relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by RC/V View 1.29 (TERMINAL GROUP LINE PARAMETERS) and RC/V View 5.29 (TERMINAL GROUP TRUNK PARAMETERS).

167. FPTGNTNSC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received bad return code from read RLTGNTNSC Got a TNSC value, tried to read RLTGNTNSC using this as the key. No tuple was found. Then attempted to read RLTGNTNSC using 10004 as the key. Got a read error that indicates a problem with the database mechanism.

Data Structures:

The ROP output indicates the return code from DBfrdtup() primitive

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

168. FPTKDGST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found in RLDA_DIGSTRT for a given trunk.

Data Structures:

RLDA_DIGSTRT, RLFC_TRUNK.

The digit analysis selector (digtree) and the trunk group number (tgroup) are printed.

Action:

Ensure that the digtree specified in RLFC_TRUNK for the given trunk is valid using RC/V. If the digtree is valid, add a tuple for the specified digtree to RLDA_DIGSTRT using RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]).

169. FPTONETY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When trying to get a tuple in the RLTONETYPE relation, a not found condition was returned.

Data Structures:

RLTONETIME. Key field: tonetype

Action:

This is a database inconsistency that can be corrected only by manual action. Use RC/V (or ODBE, if necessary) to cross check and correct the problem.

170. FPTRMBFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in relation RLTRMFEATS keyed with logical port (lport) equal to the business and residential custom services (BRCS) feature group ID (BFGID) and the logical port type (lpt_type) equal to LPT_BFG (2).

Data Structures:

RLFC_LINE, RLLPT_PT, RLTRMFEATS.

The ROP output indicates the SM number (MOD), the source file and line number, the BRCS feature group (BFG) keys used to read the relation (LPORT, LPT_TYPE), the range (RANGE), the BFGID, and the original (non-BFG) keys for this relation.

Action:

BRCS features can be assigned directly to the line or assigned to the line via a BFG.

When a BRCS feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLTRMFEATS relation where RLtrmfeats.lport is RLfc_line.lport, RLtrmfeats.lpt_type is RLfc_line.lpt_type, and RLtrmfeats.range is 0 through 6.

When a BRCS feature is assigned to a line via a BFG, the BFG keys are used to read the RLTRMFEATS relation where RLtrmfeats.lport is RLfc_line.bfgid, RLtrmfeats.lpt_type is LPT_BFG, and RLtrmfeats.range is 0 through 6.

An attempt to read the RLTRMFEATS relation using the BRCS feature group (BFG) keys was made because the a BRCS terminal feature is thought to exist in a BFG assigned to this line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

1. Use the original keys (lport, lpt_type) from the ROP output to read the RLLPT_PT relation to find the port and party of the line in question.
2. Use the port and party to read the RLFC_LINE relation to get the BFGID (bfgid) and the BFG indicator for terminal features (trmbfg).
3. If the trmbfg value from RLFC_LINE is DBNO, contact the next level of support.
4. If the trmbfg value from RLFC_LINE is DBYES, the bfgid from RLFC_LINE should match the BFGID given in the ROP output. If the BFGID values do not match, contact the next level of support.
5. If trmbfg is DBYES and the BFGID values match, a tuple should exist in RLTRMFEATS for the BFG keys. Insert the appropriate rITRMFEATS tuple.

171. FPTRMFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing in relation RLTRMFEATS keyed with logical port (lport) and logical port type (lpt_type).

Data Structures:

RLFC_LINE, RLLPT_PT, RLTRMFEATS.

The ROP output provides the SM number (MOD), the source file and line number, and the keys used to read this relation - LPORT, LPT_TYPE, and RANGE.

Action:

Business and residential custom services (BRCS) features can be assigned directly to a line or assigned to the line via a BRCS feature group (BFG).

When a BRCS feature is assigned directly to a line, the original (non-BFG) keys are used to read the RLTRMFEATS relation where RLtrmfeats.lport is RLfc_line.lport, RLtrmfeats.lpt_type is RLfc_line.lpt_type, and RLtrmfeats.range is 0 through 6

An attempt to read the RLTRMFEATS relation using the original (non-BFG) keys was made because a BRCS feature is thought to be assigned directly to the line.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM.

- 1) Find the port and party of the line in question. Using the original keys (lport and lpt_type) from the ROP output, read the RLLPT_PT relation to get the port and party.
- 2) Using the port and party, read the RLFC_LINE relation to get the logical port (lport), logical port type (lpt_type), and the indicator for BRCS terminal features (brc_trm).
- 3) If the brc_trm value from RLFC_LINE is DBNO, contact the next level of support.
- 4) If the brc_trm value from RLFC_LINE is DBYES, then the lport and lpt_type from RLFC_LINE should match the lport and lpt_type in the ROP output. If the values do not match, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
- 5) If brc_trm is DBYES and the lport and lpt_type values match, a tuple should exist in RLTRMFEATS for the original (non-BFG) keys. Insert the appropriate RLTRMFEATS tuple.

172. FP_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read this relation, or the tuple is missing from the RLFC_TRUNK relation.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

This relation is updated by the following RC/V views:

- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 5.1 (TRUNK GROUP)
- 5.5 (TRUNK MEMBER)

173. FPUNXEISMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to connect a caller to an external audio response unit (ARU). During the attempt, the FPextsetup() function received an unexpected message from the originating terminal process (OTP). The caller will be connected to an operator. Contact your next level of support.

174. FPUNXMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message is received from the far process.

175. FPUTTRK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the relation RLUTTRK, which is used in processing a utility telemetry service call.

Data Structures:

RLUTTRK Key Field: grpnum = trunk group number.

Action:

Use RC/V View 5.16 (UTILITY TELEMETRY TRUNK GROUP PARAMETERS) (or ODBE, if necessary) and insert the trunk group number of the UTS trunk, call type information (CTI) digits, value of receiving a ST, value of receiving a STP, value of receiving a ST2P, and the maximum call duration.

176. ISFCLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_LINE relation, or the rLFC_LINE tuple is missing.

Data Structures:

RLFC_LINE. Key fields: port.member(hex), port.module(dec), party(dec).

Action:

Use RC/V (or ODBE, if necessary) to cross-check the keys in the RLFC_LINE relation with the actual keys used to access the relation. If the rLFC_LINE tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

The RLFC_LINE relation is updated by the following RC/V views:

- 12.8 (BFG ADMINISTRATION)
- 23.2 (DIGITAL SUBSCRIBER LINE)
- 21.30 (OSPS-DSL PORT)
- 1.12 (BRCS FEATURE ACTIVATION [LINE ASSIGNMENT])
- 5.12 (BRCS FEATURE ACTIVATION [TRUNK MEMBER])
- 1.11 (BRCS FEATURE ASSIGNMENT [LINE])
- 5.11 (BRCS FEATURE ASSIGNMENT [TRUNK MEMBER])
- 4.29 (ATTENDANT MLHG/BUSY LAMP FIELD RANGE DN ASSIGNMENT)
- 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE)

- 1.9 (MULTIPLE DIRECTORY NUMBER WITH DISTINCTIVE RINGING)
- 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT])
- 3.3 (MULTIPLE TN FOR MULTILINE HUNT GROUPS)
- 1.32 (TWO TELEPHONE NUMBER SWAP)
- 1.5 (PBX-DID LINE [LINE ASSIGNMENT])
- 1.6 (COMPOSITE LINE [LINE ASSIGNMENT])

Range: hm**1. HMMAP0 (5E11 and later)**

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A function return value error occurred, or invalid data was found in the variable init (all functions).

2. HMMAP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module alarms process (MAP) received a message of type MGTIMER and a tag that indicates it is for a repeating fan alarm. However, this timer cannot be associated with any particular fan alarm scan point. No repeating fan alarm output message will be generated.

3. HMMAP2 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmaest() function encountered invalid data in SMmccustat (the external status table).

4. HMMAP3 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmaest() function encountered data in SMmccustat (the external status table) indicating that both module controllers (MCs) are in the same state.

5. HMMAP4 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmafnanl() function encountered an HMoutmsg() failure return value during a remote fan reset.

6. HMMAP5 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMromreq() function encountered an OSSENDMSG() failure return value while executing the OP:ALM command.

7. HMMAP6 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmasend() function encountered a DBfrdtup() failure when reading relation RLRC_LOCEQ to obtain aisle location information for a fan or fuse alarm output message. No aisle information will be provided in the output message.

8. HMMAP7 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmafnanl() function encountered an HMack() failure return value.

9. HMMAP8 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The module alarms process (MAP) received a failure return value from OSTIMER(), OSCTIMER(), or OSDETIMER() while handling timer functions for fan alarms.

10. HMMAP9 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmrasdnd() function or HMdmamsnd() function encountered invalid data in the unit field.

11. HMMAP10 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was encountered in the message text field mess by function HMmasend(), HMmrasdnd(), or HMdmamsnd().

12. HMMAP11 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmasend() function encountered invalid data in the mes_to field.

13. HMMAP12 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmaanldt() function encountered invalid force active data.

14. HMMAP13 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmasend() function encountered a DBfrdtup() failure when reading relation RLNO_PICB to obtain aisle location information for a fan or fuse alarm output message. No aisle information will be provided in the output message.

15. HMMAP14 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmasvanl() function encountered invalid old_state data [module controllers (MCs) or dual link interfaces (DLIs)].

16. HMMAP15 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmafnanl() function encountered invalid old_state data (fans).

17. HMMAP16 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmasvanl() function encountered invalid new_state data [module controllers (MCs) or dual link interfaces (DLIs)].

18. HMMAP17 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmafsanl() function encountered invalid new_state data (fuses), or the HMmafnanl() function encountered invalid new_state data (fans).

19. HMMAP18 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmagtmsg() function found an invalid msghead.type in a message from OSWGETMSG().

20. HMMAP19 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmafnanl() function encountered an invalid type.

21. HMMAP20 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmasend() function was attempting to obtain aisle location information for a fan or fuse alarm output message, but encountered a DBfrdtup() failure when reading relation RLPLI_LNK. No aisle information will be provided in the output message.

22. HMMAP21 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmaroffnorm() function has been called with an invalid scan point type.

23. HMMAP22 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DBfrdtup() failure was encountered when reading relation RLPLI_LNK in the module alarms process (MAP). If this occurs during a remote fan reset operation, no attempt will be made to reset the fan unit if there is one associated with the time slot interchange (TSI) link being investigated. If a remote reset is not in progress, this failure occurred during routine scanning for remote fan and fuse scan point status. No status will be taken from the TSI link during this scan by MAP.

24. HMMAP23 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmaanldt() function encountered invalid data in the chg_f field (force active data).

25. HMMAP24 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmagtdt() function encountered invalid data in the chg field.

26. HMMAP25 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmagtdt() function encountered invalid data in the chg_flag field.

27. HMMAP26 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmagtdt() function encountered invalid data in the sc_flag field.

28. HMMAP27 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmascrd() function encountered invalid data in the state field.

29. HMMAP28 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmascrd() function encountered invalid data in the sc_data[] array.

30. HMMAP29 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HMmaadmn() function encountered an OSWGETMSG() failure return value.

31. HMOMTBDTMR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) was unable to create a cyclic timer for the output message control process (SOCO).

32. HMOMTBLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MSQ	Audit Mode: elev

Problem:

A database (DB) dynamic relation access primitive returned a failure code indicating invalid linkages between the tuples of the RLIMMSQ (SM) or RLCPPMSQ (AM) dynamic relations. The assert fired from the HMmqasrt() [Slmqasrt()] function, and the stack backtrace will indicate a function in the HMmsgctl.c (Slmsgctl.c) or HMsoco.c (Slsooco.c) files in the hm/HMamsmsoc node. The DB return value and the pointer(s) to the invalid linkages are on the function stack, and in the stack frame output message. The linkage problem will be corrected by the demand MSQ audit.

33. HMOMTBPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The human/machine interface (HM) subsystem output message throttling code passed an invalid parameter internally, which resulted in a nonsense return from a database (DB), HM [system integrity (SI)], or operating system (OS) primitive. The return value from the failing function, and some of the data passed to the function, which detected the failure are on the function stack and included in the stack frame output message.

34. HMOMTDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive returned an error code that was not severe enough to warrant the demand audit of the dynamic relations for the output message queues, but must be recorded. The return value and the pointer(s) to the buffers involved are included on the function stack space and in the stack frame output message.

35. HMOMTDDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DDWRITE() macro or DDREAD() macro returned a failure or invalid parameter indication, or DDREAD() returned a value that was not expected. The returned value is included on the function stack and in the stack frame output message.

36. HMOMTINVRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) passed an invalid reason to the output message control process (SOCO). The function HMsocoit() [Slsoocoit()] in the file hm/HMamsmsoc/HMsoco.c (si/Slamsmsoc/Slsooco.c) requested the assert. The invalid reason is the parameter to the HMsocoit() function and is

included in the stack frame output message.

37. HMOMTOSRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operating system for distributed switching (OSDS) primitive returned a value that was not expected. The return value is included on the function stack and in the stack frame output message.

38. HMOMTRELCK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MSQ	Audit Mode: elev

Problem:

The external data used to avoid re-entrancy problems was found in an unexpected (illegal) state. This indicates a problem in the dynamic relation of output message buffers (RLIMMSQ or RLCPPMSQ), which is audited in the demand mode.

39. HMOMTUNEXP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

HM OUTPUT MESSAGE THROTTLING - UNEXPECTED MESSAGE This assert signifies that the function HMwakewt() [Slwakewt()] in the file hm/HMamsmsoc/HMsoco.c [si/Slamsmsoc/Slsoco.c] was notified by the operating system for distributed switching (OSDS) that an interprocessor message was received but the message type, the timer tag for MGTIMER, or the verb for MGDISCARD is illegal. The message types other than MGTIMER and MGDISCARD are invalid. The MGTIMER timer tags other than HMBCTIMER and HMCLRTIMER are invalid. The MGDISCARD message verbs other than HM_OP and HM_CLR are invalid for the SOCO process. The message buffer received has been read onto the function's stack and is included in the STACK FRAME output message. The SENDER of this message is in error in sending this message to output message control process (SOCO).

40. HMRAS01 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLRIIBM_SC relation was read to find the alarm level of a scan point. The read was successful, but the alarm level is not recognized. The alarm level will default to MINOR.

41. HMRAS02 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization of the remote alarm section (RAS) terminal process, a message is sent to the remote integrated services line unit (RISLU) alarm process (RISA) telling RISA that the RAS terminal process is alive. The message was not sent. Recovery is automatic, but the next level of support should be informed.

42. HMRAS03 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization, the remote alarm section (RAS) terminal process sends a message to the remote integrated

services line unit (RISLU) alarm process (RISA) telling RISA that the RAS terminal process is alive. RISA should return initialization data. The return message did not arrive. Recovery is automatic, but the next level of support should be notified.

43. HMRAS04 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote integrated services line unit (RISLU) alarm process (RISA) can send commands to the remote alarm section (RAS) terminal process. The terminal process did not recognize one of those commands.

44. HMRAS05 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When the remote integrated services line unit (RISLU) alarm process (RISA) is ready to send a message to a remote alarm section (RAS) terminal process, it is only sent if RISA's internal tables indicate that the terminal process is in a state to receive. The RAS terminal process is ready to receive messages, but the sending of the message failed.

45. HMRAS06 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote integrated services line unit (RISLU) alarm process (RISA) received a message with a subtype that was not recognized.

46. HMRAS07 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLRIBM_SC relation failed.

Action:

Check the RLRIBM_SC relation using RC/V.

47. HMRAS08 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLPCBLA relation failed.

Action:

Check the RLPCBLA relation using RC/V.

48. HMRAS09 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLDLDSL relation failed.

Action:

Check the RLDLDSL relation using RC/V.

49. HMRAS10 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote integrated services line unit (RISLU) site for which information is required, does not have an entry in the internal table used by the RISLU alarm process (RISA). Either the site number is incorrect or the table was corrupted.

50. HMRAS11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLRISLUDFI relation failed.

Action:

Check the RLRISLUDFI relation using RC/V.

51. HMRAS12 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid data value was found in a message.

52. HMRAS13 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral interface control bus (PICB) number for remote integrated services line unit (RISLU) alarms out of range.

53. HMRAS14 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Remote integrated services line unit (RISLU) number out of range for digital subscriber lines (DSL) alarms.

54. HMRAS15 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Line unit (LU) number out of range for remote integrated services line unit (RISLU) alarms.

55. HMRISA00 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid process entry reason was received from system integrity (SI) on restart of the remote integrated services line unit (RISLU) alarm process (RISA).

56. HMRISA01 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote integrated services line unit (RISLU) alarm process (RISA) received an invalid message type. The contents of the input message buffer was dumped.

57. HMRISA02 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote integrated services line unit (RISLU) alarm process (RISA) received an MGTIMER message type with an invalid timer tag.

58. HMRISA03 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote integrated services line unit (RISLU) alarm process (RISA) received a state change message, MGALMRISLU, from peripheral control (PC) signifying that a RISLU alarm (fan, fuse, power, or battery) changed state. The database read that determines the RISLU site number failed. There are two possible causes for this error.

1. The line unit number sent by PC in the message is incorrect.
2. The key for the RLRISLUDFI relation was incorrectly calculated or is invalid.

The RLRISLUDFI relation describes the RISLU digital facility interfaces (DFIs) and their relationship to other components in the RISLU.

Data Structures:

RLRISLUDFI. Key field: dfi_picb.

Action:

Verify via RC/V (or ODBE, if necessary) that the site number in the RLRISLUDFI relation is correctly populated.

59. HMRISA04 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple could not be read from the RLRISITE relation within the remote integrated services line unit (RISLU) alarm process (RISA). The RLRISITE relation contains configuration information for each RISLU site.

Action:

If this SM is hosting a RISLU, verify via RC/V (or ODBE, if necessary) that the RLRISITE relation is populated with a tuple for this RISLU site.

60. HMRISA07 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter value was found within the remote integrated services line unit (RISLU) alarm process (RISA).

Use the stack backtrace information to analyze the problem.

61. HMRMAP00 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid process entry reason was received from system integrity (SI) on restart of the remote module alarms process (RMAP).

62. HMRMAP01 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote module alarms process (RMAP) received an invalid message type. The contents of the input message buffer is dumped.

63. HMRMAP02 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote module alarms process (RMAP) received an MGTIMER message type with an invalid timer tag.

64. HMRMAP03 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote module alarm process (RMAP) received an MGONHOOK or an MGOFFHOOK message type that signifies that a master scanner unit (MSU) scan point changed state; but RMAP does not recognize the scan point. The local port name for the scan point in question is dumped. There are two possible causes for this error:

1. The RLFC_PORTTYP relation incorrectly shows the servclass for this scan point to be set to HM_REM_ALM, when the scan point does not belong in the remote alarms group.
2. The office parameters GLRSC0 and/or GLRSC1 are incorrectly set. These parameters correspond to point zero on each of the two MSU scan boards in service group zero that have remote alarm scan points.

Data Structures:

RLFC_PORTTYP. Key field: port.

Action:

For case 1, verify that the local port name dumped corresponds to a scan point associated with remote alarms. If not, verify via RC/V (or ODBE, if necessary) that the corresponding rLFC_PORTTYP tuple does not have the servclass attribute set to HM_REM_ALM.

For case 2, verify via RC/V (or ODBE, if necessary) that the GLRSC0 and GLRSC1 office parameters are correctly set. The scan point corresponding to the local port name dumped should exist on one of the two boards specified by the office parameters.

65. HMRMAP04 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple could not be read from the RLRBP_SC relation within the remote module alarms process (RMAP).

Data Structures:

RLRBP_SC. Key field: ptnum.

Action:

The ptnum field is the internal name for the scan point; 0-31 for scan points on the first remote alarm scan board, 32-63 for points on the second board. If this SM has remote alarm handling, verify via RC/V (or ODBE, if necessary) that the RLRBP_SC relation is properly populated. If this SM does not have remote alarm handling, verify via RC/V (or ODBE, if necessary) that the office parameter Glrbpsc is set to DBNO.

66. HMRMAP05 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The tuple for the remote alarm unit (RAU) or the alarm and status circuit (ASC) could not be read from the RLSMEST relation within the remote module alarms process (RMAP).

Data Structures:

RLSMEST. Key field: unit_id.

Action:

If this SM has remote alarm handling, verify via RC/V (or ODBE, if necessary) that the RLSMEST relation is properly populated with a tuple for the RAU. If this SM does not have remote alarm handling, verify via RC/V (or ODBE, if necessary) that the office parameter Glralmmod is set to DBNO.

67. HMRMAP06 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter of type DMHMPOINT (scan point internal name) was passed to a function within the remote module alarms process (RMAP). Use the stack backtrace information to analyze the problem.

68. HMRMAP07 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter value was found within the remote module alarms process (RMAP). Use the stack backtrace information to analyze the problem.

69. HMRMAP08 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote module alarms process (RMAP) detected a software failure of the master scanner unit (MSU) scan point masks. The problem could be in the peripheral control (PC) subsystem that implements the scan point masking, or in the client process (RMAP).

70. HMRMAP09 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote module alarms process (RMAP) detected a possible hardware or software failure with scan point masks. The problem could be in the peripheral control (PC) subsystem that implements scan point masking, in the client process (RMAP), or in the mask register on the hardware itself.

71. HMRMP10 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The duplexed mate circuit name is out of range.

72. HMRMP11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read for duplex portname for an metallic service unit (MSU) scan point returned an error, indicating a database system error.

73. HMRMP12 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read on RLFC_PORTTYP failed.

74. HMRMP13 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote module alarms process (RMAP) received an MGHMALMTORMAP message requesting that an operation be performed at the SM alarm status unit (ASU), but the request is invalid.

75. HMRMP14 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed database read of relation RLCKTDATA by the remote module alarms process (RMAP).

76. HMRMP15 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed database read of relation RLRC_LOCEQ by the remote module alarms process (RMAP).

Range: nm**1. NMAD_DOCDA (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: DOC	Audit Mode: elev

Problem:

An unexpected dynamic access (DA) return code was encountered in referencing dynamic overload control (DOC) or invalid data was found in DOC.

2. NMAD_EXRDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EXRR	Audit Mode: elev

Problem:

An unexpected dynamic access (DA) return code was encountered when referencing the RLEXRR relation.

3. NMAD_GTGDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GRPTGC	Audit Mode: elev

Problem:

An unexpected dynamic access (DA) return code was encountered when referencing the RLGRP_TGC relation, or invalid data was found in the RLGRP_TGC relation.

4. NMAD_IVAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was detected for a local network management (NM) variable.

5. NMAD_KEYTGC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Routing and terminal allocation (RTA) passed an invalid RLGRP_TGC relation key value.

6. NMAD_RTKGDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected database (DB) return code was encountered when referencing data in the RLRT_TRKG relation.

7. NMAD_TGCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TGC	Audit Mode: elev

Problem:

An unexpected dynamic access (DA) return code was encountered when referencing the RLTGC relation, or invalid data was found in the RLTGC relation.

8. NMAD_TRDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NMTR	Audit Mode: elev

Problem:

An unexpected dynamic access (DA) return code was encountered in referencing a trunk reservation (TR) tuple, or invalid data was found in a TR tuple.

9. NMA SPERROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the advanced services platform (ASP) R0.1 automatic call gapping (ACG) data structures used to implement the list and tree structures. The possibilities include indices out of range, invalid duration or gap interval times, invalid digit information, stack corruption, invalid code control identifiers, or unable to locate the requested control.

10. NMBADARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid argument was passed to a base level or interject level function. The argument is dumped.

11. NMBADCNTL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt data was found in a network management (NM) code control. This results in the code control being removed.

12. NMBADDDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid network management (NM) data was detected. The invalid data is dumped.

13. NMBADDDSA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid direct signaling application (DSA) type was passed to application software related to features that involve interactions with external databases via common channel signaling (CCS) "direct signaling". A single occurrence of this assert can be ignored. If more than one appears, something is wrong with the load.

14. NMBADLEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to install a leased network (LN) return query control that is not six digits. The current call will be allowed. If this occurs more than once, it is probably the result of a programming error and should be looked into more thoroughly.

15. NMBADRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid network management (NM) return code was encountered.

16. NMCC_BADDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NMCC	Audit Mode: elev

Problem:

The network management (NM) code control search tree or list contains erroneous data. Possibilities are out of range gap indices, out of range dispositions, or out of range control identifiers. Another possibility is an out of range pointer in the tree structure.

17. NMCCBADPOLL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of network management (NM) code controls in an SM does not match the number of manual code controls in the master list in the CMP.

18. NMCC_NONODES (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NMCC	Audit Mode: elev

Problem:

While attempting to install a code control, no nodes were available to install the new control into the code control search tree. This should never happen since enough nodes are allocated for the maximum number of code controls. The code control audit will be scheduled to clean up the tree.

19. NMCCSMDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in an SM's network management (NM) manual code control list.

20. NMCCTIMEOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A network management (NM) SM system process timed out while waiting for initialization messages from the CMP for the manual code controls list. Possible causes could be SM isolation, resource shortages, overload, or errors in the CMP code control list.

21. NMCD_ARC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: NMDSNARC	Audit Mode: elev

Problem:

A tuple was retrieved from the dynamic relation RLNMDSNARC, but the alternate route cancellation (ARC) control data in the tuple is in error. This tuple may be corrupted due to problems in ARC processing functions or other feature functions that have access to the RLNMDSNARC relation.

22. NMCNAMERROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the analog calling name delivery (CNAM) automatic call gapping (ACG) data structures used to implement the list and tree structures. The possibilities include indices out of range, invalid duration or gap interval times, invalid digit information, stack corruption, invalid code control identifiers, or unable to locate the requested control.

23. NMDDRFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has been encountered while reading the DD key "DDOOPIMS" to determine the equipped SM.

Probable Cause:**Action:**

None.

24. NMDSCCBADATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the direct signaling code controls data structures used to implement the list and tree structures. The possibilities include indices out of range, invalid duration or gap interval times, invalid digit information, stack corruption, invalid code control identifiers, or unable to locate the requested control.

25. NMERRCTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A wrong parameter was passed to obtain a cyclic timer.

26. NMFC_LINE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An attempt to read the RLFC_LINE relation returned the failure code DBNO_MATCH. The keys were obtained from the RLPCBLA relation. The process control block link area (PCBLA) audit will be scheduled since it is likely that the dynamic data was in error.

27. NMFCTRSMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was encountered while reading the RLFC_TRUNK relation. The RLFC_TRUNK relation may be corrupted.

28. NMILL_CMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal command request was entered.

29. NMIMPDIGITS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rNMIMPDGTS tuple was read successfully, but at least one of its fields is in error.

Possibly, the nxx field of the found tuple contains nulls, AND the call for which this tuple was looked up had under seven digits (an abbreviated signaling call). For abbreviated signaling calls, the nxx field MUST be filled in with the office code of the final destination; nulls ("") are not acceptable.

Data Structures:

RLNMIMPDGTS. Key fields: trntbl, steering, prefix

The fields from the tuple in error are dumped in this order: trntbl (type DMTRNTBL), steering (an array of length 3 of type DMNXX, padded on the right with nulls), npa (an array of length 3 of type DMNPA), nxx (an array of length 3 of type DMNXX), 5 bits of padding, and prefix (type DMPREFIX, 3 bits).

Action:

RC/V View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) should be examined for correctness, specifically the implied nxx field.

30. NMINSANE_PROC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A network management (NM) process was corrupted. The process was purged.

31. NMIVAL_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Network management administration (NMA) is considered a "traffic controller" for all messages received from the engineering and administrative data acquisition system for NMA (EADAS/NM) or the NM on-site capability. A field within a message received by a system process or terminal process was unexpected; the assert fired and returned to the caller, where several small actions take place before the recovery action is complete.

32. NMIVNM_SCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network management (NM)-schedule is a list of trunk groups for which the network managers want to see trunk group reference data and 5-minute report associated data. Trunk group data on this list was destroyed; the assert fired and returned to the calling function for further recovery steps.

33. NMIWCCARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid argument was passed to the base level inward wide area telecommunications service (INWATS) code control installation functions NMiwcc6() or NMiwcc10().

34. NMIWCHKARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid argument was passed to the interject level inward wide area telecommunications service (INWATS) code control application function NMiwcc_chk().

35. NMIWCHKLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid 10-digit code control linkage was found in the interject level inward wide area telecommunications service (INWATS) code control application function NMiwcc_chk().

36. NMIWDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inward wide area telecommunications service (INWATS) code control data was corrupted in the interject level code control application function NMiwcc_chk().

37. NMIWLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid 10-digit code control linkage was found in the base level inward wide area telecommunications service (INWATS) code control installation function NMiwcc10().

38. NMKY_ARC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to read the dynamic relation RLNMDSNARC, the key in the returned tuple was not in legal range (1 to the size of the relation), or the office name in the returned tuple is not described in the static relation RLNMDCOFC. This office name serves as a link from the RLNMDSNARC relation to the RLNMDCOFC relation.

The RLNMDSNARC relation may have been corrupted due to problems in alternate route cancellation (ARC) functions or RC/V functions that resulted in changes to the relation. Another possibility is that the relation was overwritten by processes.

39. NMLDLSTOVFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automatic call gapping (ACG) control was not installed because the numbering plan area (NPA) or revenue accounting office (RAO) that it is to control already has too many controls in place. The limit on the number of controls for the NPA or RAO was implemented for real-time performance reasons.

40. NMLIDBOVFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to install one or more network management (NM) controls for a NPA-NXX or RAO-0/1XX that is controlled by the line information database. The controls were not installed because the maximum number of controls is already in place. The #defined value LDLISTSZ defines this maximum value.

Action:

Fixing this problem involves a software change. If this event occurs often (several times a year), contact your next level of technical support to change the maximum number of controls from 64 to 100. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

41. NMLNDSCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the direct signaling code controls leased network (LN) data structures used to implement the list and tree structures. The possibilities include indices out of range, invalid duration or gap interval times, invalid digit information, stack corruption, invalid code control identifiers, unable to locate the requested control, or no more free nodes. This problem is self-correcting. An audit or initialization is done to control the problem.

42. NMMCLRSMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code was encountered while reading the data delivery (DD) key DDSLCLVL to determine the current overload level. This prohibits selective incoming load control (SILC) processing on this trunk.

43. NMMSGRSMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received from the NMamsilc terminal process with an erroneous data field. This situation should never occur. Work on this message is halted for this SM.

44. NMMSG_UNX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected network management (NM) message was encountered. The message is dumped.

45. NMNCDCCARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid argument was passed to the base level function NMncdctl().

46. NMNCDCCDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The NMncdctl() function found corrupted data in the code control structure.

47. NMNCDCHKARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid argument was passed to the interject level function NMncdchk().

48. NMNOCTIMER (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

A cyclic timer was requested during an initialization, but one could not be found.

49. NMNOPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A valid rPORTLA tuple could not be accessed via the DAGETPTLA() primitive. The elevated audit requested should reconstruct the rPORTLA tuple from static data, and schedule the appropriate recovery.

Repeated asserts associated with the same port (the portname will usually be available in the assert stack trace, either as a parameter or a local variable associated with the function calling the assert) indicate that the recovery was not successful. It is possible that the corresponding rRFC_PORTTYP tuple is missing or corrupt. This static data relation should be interrogated with ODBE.

50. NMOFC_CODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLOFFICECODE relation failed with a DBNO_MATCH failure. The key used to read the relation was the normalized office code (NOC) from an rRFC_LINE tuple that was just read. An inconsistency exists between the RLFC_LINE relation and the RLOFFICE_CODE relation.

Data Structures:

RLOFFICECODE. Key field: noc.

RLFC_LINE. Key fields: port, party.

The keys used to access both relations are dumped in a single structure in the following order: port (type DMGPORT), party (type DMPARTY, 5 bits), and noc (type DMNOC, 8 bits).

Action:

With the port number from the dump as the key, use ODBE for the specified SM to read the rRFC_LINE tuple. Get the telephone number associated with the line from the bill_dn field and the noc from the locdn.noc field. Use RC/V View 8.2 (NOC CODES MISCELLANEOUS) to verify that the NXX from the telephone number maps into the noc. If they do not match, correct the noc in the rRFC_LINE tuple using ODBE or correct the noc using RC/V.

51. NMOPCCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) network management (NM) code controls binary tree contains a

linkage error. The NM code controls are initialized for that OSPS application. If this assert occurs often, there is probably a software error in the tree manipulation primitives.

52. NMOPCCOVFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to install an operator services position system (OSPS) network management (NM) code control. The control was not installed because the maximum number of controls for that OSPS application is already in place. The maximum value for the different OSPS applications is #defined in the NMopcc.G header file.

Action:

Fixing this problem involves a software change. If this event occurs often (several times a year), contact AT&T Bell Laboratories to change the maximum number of controls for that OSPS application.

53. NM_OSAUBU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network management administration (NMA) audit buffer (nmar_blk) had an invalid message type in the msg_type field or an invalid control type in the cntltyp field.

54. NM_OSILMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal message was entered. Invalid data was found in the system process or terminal process message buffer.

55. NM_OSINVFLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the system process message buffer action field or control type field.

56. NM_OSRETCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The NMrd1frm() function received an invalid return code from the NMcreatetp() function when creating the NMsitetp terminal process (TP).

57. NMPVNEROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the private virtual network (PVN) automatic call gapping (ACG) data structures used to implement the list and tree structures. The possibilities include indices out of range, invalid duration or gap interval times, invalid digit information, stack corruption, invalid code control identifiers, or unable to locate the requested control.

58. NMQRYCHK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid argument was passed to a base level or interject level function.

59. NMQRYCNTL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt data was found in the code control structure.

60. NMQRYOVTBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An overloaded table was encountered. Could not add control for a numbering plan area (NPA).

61. NMRD_DCOFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the static relation RLNMDCOFC failed with a reason other than GLSUCCESS or DBNO_MATCH, or the alternate route cancellation (ARC) ID in the returned rLNMDCOFC tuple was not in the valid range.

Data Structures:

RLNMDCOFC, RLNMDSNARC.

For case 1, the failure return code is dumped in decimal. For case 2, the invalid ARC ID value is dumped in decimal.

Action:

If the failure return code is DBOEMP_REL (= DB_FAIL-25), the RLNMDCOFC relation is empty. This is legal only if this office does not require ARC control capability. Otherwise, use the OP:DCOFC command, RC/V View 10.36 (DEFENSE SWITCHED NETWORK CONNECTED OFFICES), or ODBE (if necessary) to review the RLNMDCOFC relation. If the failure return code is not DBOEMP_REL, the system is encountering problems with database read. Observe the system activity for other trouble reports regarding the database.

If the problem resulted from an invalid ARC ID, this might be caused by office data administration (ODA) or previous recent change (RC) actions which planted an invalid ARC ID. Use RC/V View 10.36 (or ODBE, if necessary) to correct the invalid ARC ID. In all cases, use OP:ARC to list all active ARC controls and report the error to the network control managers.

62. NMSACT_DD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to write the data delivery (DD) key DDSLCACT failed. The selective incoming load control (SILC) activity status may be in error.

63. NMSBAD_TG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SILCTG	Audit Mode: elev

Problem:

While reading the RLSILCTG relation, a trunk group read failed that should have succeeded. An audit is called to remove the trunk group and update the associated SM trunk lists.

64. NMSDNDSCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the direct signaling code controls switched digital network (SDN) data structures used to implement the list and tree structures. The possibilities include indices out of range, invalid duration or gap interval times, invalid digit information, stack corruption, invalid code control identifiers, unable to locate the requested control, or no more free nodes. This problem is self-correcting. An audit or initialization is done to control the problem.

65. NMSP_ENTRY (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry reason code from the operating system for distributed switching (OSDS) was received in a network management (NM) system process.

66. NMSRTKG_DB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIRT_TRKG tuple failed.

67. NMSTG_DB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to insert, delete, clear, or read an rSILCTG tuple failed.

68. NMTKGDSMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKGSILC	Audit Mode: elev

Problem:

A failure return code was received while trying to delete an rTKGSILC tuple. This relation may be corrupted.

69. NMTKGISMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKGSILC	Audit Mode: elev

Problem:

A failure return code was received while trying to insert an rTKGSILC tuple. This relation may be corrupted.

70. NMTKGRSMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKGSILC	Audit Mode: elev

Problem:

A failure return code was received while trying to read an rTKGSILC tuple. The relation may be corrupted. The read

failure may have occurred in or out of a transaction.

71. NMTP_ENTRY (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A network management (NM) terminal process was created with an invalid reason from the operating system for distributed switching (OSDS). The terminal process will be terminated.

72. NMTP_STUCK (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A network management (NM) terminal process was executing too long and must be purged to free the resources associated with it.

73. NMUNEXMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by a network management (NM) function in the AM or SM.

Range: oa**1. INVALID_LPSTAT (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The loop status field in the MGPOSTRMRQ message contained an invalid loop status.

2. OA0000 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed.

3. OA0004 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when setting the keys used to read the RLFC_TRUNK relation, or the rIFC_TRUNK tuple is missing.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

In the first word of the data dump, the first two bytes are port.member, the next byte is filler, and the next byte is port.module.

Action:

Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the RLFC_TRUNK relation with the actual keys used to access the relation.

4. OA1_ACDRTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distributor (ACD) request type included within an external information system (EIS) operating system for distributed switching (OSDS) message (internal format) was not expected when calling the message set 1 (OAMSET1) outgoing message translator function OASET1tout(). The unexpected ACD request type is dumped along with the OSDS message ID (message type) that the unexpected value was read from.

5. OA1_APPCDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) application code passed to the message set 1 (OAMSET1) outgoing translator function OASET1tout() was out of range. The EIS application code indicates the type of application (service) to be provided for the 5ESS[®] switch. The application code range for OAMSET1 is 1 to 999, inclusive; the internal message format supports values from 0 to 1023, inclusive. The unexpected application code is dumped along with the operating system for distributed switching (OSDS) message ID (message type) that the unexpected value was read from.

6. OA1CIDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) message set 1 incoming translator function OAsel1tin() detected an EIS call ID that is out of range; that is, greater than 0x1ffff. The EIS call ID, internal message type, and the EIS ID of the sending EIS are dumped.

7. OA1_MSGTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator function OAsel1tout() for message set 1 was not expected. That is, the OSDS message type passed is not included in the OAMSET1 message protocol. The unexpected OSDS message ID (internal message type) is dumped.

8. OA1_POSNMOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) position number passed to the external information system (EIS) outgoing message set 1 (OAMSET1) translator function OAsel1tout() was out of range. The range specified for the position number under the OAMSET1 interface specification is 1 through 9999, inclusive. Currently, OSPS only supports position numbers in the range of 1 to 4095, that is, twelve binary bits. This error code supports future expansion of the OSPS position number range. The out-of-range position number and the internal OSPS message ID (message type) from which the position number was read are dumped.

9. OA1SDNNRA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A software defined network (SDN) network remote access (NRA) call attempted to route to a non-CCS7 trunk. Since an SDN NRA call can not be routed via a non-CCS7 trunk, this call will not be completed.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.

RLDAPRLDGT. Key fields: previous, digit.

RLDAPRLFNL. Key field: previous.

RLDAPRMDGT. Key fields: previous, digit.

RLDAPRMFNL. Key field: previous.

RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.

RLRT_ROUTING. Key field: route_x.

The Glstdnds global parameter is also involved.

Action:

SDN NRA calls can only route to CCS7 trunks; a non-CCS7 trunk will be blocked. An SDN NRA call passed digit analysis and routing, but routed to a non-CCS7 trunk. The ROP output includes the dialed digits along with the screen index and digit analysis selector (DAS) used for this call. This should be enough information to trace through the digit analysis and routing office records to determine at what step the problem was introduced.

10. OA1VMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Voice messaging service interface (VMSI) transfer was routed to the enhanced services provider (ESP) over a non-CCS7 trunk, but the ESPINFO table in office record 5472 and RC/V View 27.65 (VOICE MESSAGING SERVICE INTERFACE) has the CCS7SIG field set to DBYES, this is an inconsistency.

The CCS7SIG field is an indicator that specifies how the VMS call data will be transmitted to the ESP. If CCS7SIG is set to DBYES, the call data will be sent via common channel signaling system 7 (CCS7) signaling during the call setup. If CCS7SIG is set to DBNO, the call data will be sent to the VMS via dual tone multifrequency (DTMF) signaling once the call is completed.

The call cannot be transferred to the VMS, so the call is idled.

Action:

Modify the routing data so that only CCS7 trunks are used, or change the value of the CCS7SIG field to DBNO if the traditional DTMF signaling should be used to transfer the call data to the ESP. The ROP output includes the dialed digits and other routing data to help analysis the routing of this call.

11. OA1XATINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), received an MGOA1TRNS_REQ message with an announcement type that is not consistent with the route type specified in the RLSRV_DEST relation. Route types operator (OPER) and route index external announcement should indicate the null announcement type of 255; and route types route index internal announcement and fixed index internal announcement should indicate an announcement type between 1 and 254, inclusive. The announcement type, EIS ID, and service destination ID are dumped; the last two parameters are the keys for RC/V View 21.53 (OSPS DESTINATION DATA FOR LISTING SERVICES CALLS).

12. OA1XBMOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), exceeded the capacity of the internal operating system for distributed switching (OSDS) message billing module array due to the receipt of more billing data than expected. The internal OSPS message ID (message type) associated with the external message is dumped.

13. OA1XBTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), received an external message containing an unexpected billing module type. The unexpected billing module type is dumped along with the internal operating system for distributed switching (OSDS) message ID (message type) associated with the external message.

14. OA1XCOCBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), received an external message with an unexpected class of charge code. The unexpected class of charge value is dumped along with the internal operating system for distributed switching (OSDS) message ID (message type) associated with the external message.

15. OA1XDTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), received an unexpected data type in the listing number data fields of the MGOA1TRNS_REQ external message. The unexpected data type value is dumped.

16. OA1XFDVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), upon receipt of the MGOA1TRNS_REQ message, exceeded the size of the internal operating system for distributed switching (OSDS) message field_data[] array. The EIS sent more field data than the 5ESS[®] switch expected, or the external message data was corrupted, which may imply more data than was really sent.

17. OA1XICOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin() received an external message containing incorrect billing information for an intercept call. The billing option selected in the COMPLETE CALL message is incorrect, or the class of charge in the LISTING ACCESS COMPLETE message is incorrect. The external message ID is dumped along with the incorrect value received.

18. OA1XMTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), received an unexpected external message type. The unexpected message ID is dumped.

19. OA1XPNBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 1 translator function oa/OAeis/OAset1tin(), received an incoming message that contains a position number that cannot be converted to a binary value. The most significant byte, least significant byte, and associated internal operating

system for distributed switching (OSDS) message ID (message type) are dumped.

20. OA1XPNOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) incoming message set 1 (OAMSET1) translator function oa/OAeis/OAset1tin(), received an external message with a position number that is out of range. The unexpected position number and the corresponding internal operator services position system (OSPS) message ID (message type) are dumped.

21. OA2_ACDRTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distributor (ACD) request type included in an external information system (EIS) operating system for distributed switching (OSDS) message (internal format) was unexpected when calling the message set 2 (OAMSET2) outgoing message translator function OAset2tout(). The unexpected ACD request type is dumped along with the OSDS message ID (message type).

22. OA2ACoor (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 2 (OAMSET2) translator function OAset2tin() received an invalid auto collect option from an external message. The unexpected auto collect option is dumped.

23. OA2_ARUIDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) audible response unit (ARU) trunk group member number passed to the external information system (EIS) outgoing message set 2 (OAMSET2) translator function OAset2tout() was greater than the range specified for the trunk group given.

Action:

Check RC/V View 21.58 (OSPS PORT RANGES FOR IBM DA SYSTEM) to verify that the range of member numbers for a given trunk group does not exceed the range dumped. If it does, the trunk group must be changed to the limit defined by the range given.

24. OA2_MSGTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator function OAset2tout() for message set 2 was unexpected; that is, the OSDS message type passed is not included in the OAMSET2 message protocol. The unexpected OSDS message ID (internal message type) is dumped.

25. OA2POSID_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 2 (OAMSET2) translator function OASET2tin() received an invalid position ID. The invalid position ID is dumped.

26. OA2_POSIDOOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) position number (defined in RC/V View 21.32 [POSITION TO PORT MAPPING]) passed to the external information system (EIS) outgoing message set 2 (OAMSET2) translator function OASET2tout() was out of range.

The range specified for the position number is global parameter Glposmn through (Glposmn + Glposrn - 1), inclusive. The out-of-range position number and the internal OSPS message ID (message type) corresponding to the position number, are dumped.

Action:

Check RC/V View 21.58 (OSPS PORT RANGES FOR IBM DA SYSTEM) to verify that all OSPS position numbers associated with an IBM digit analysis selector (DAS) are bounded (inclusive) between the minimum and maximum position numbers defined on RC/V View 21.58.

27. OA2XMTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 2 (OAMSET2) translator function OASET2tin() received an unexpected external message type. The unexpected message ID is dumped.

28. OA0033 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was encountered in the operator services code. The message header is dumped.

29. OA3_APPCDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) application code passed to the message set 3 (OAMSET3) outgoing translator function OASET3tout() was out of range. The EIS application code indicates to the EIS the type of application (service) to be provided for the 5ESS[®] switch.

The application code range for OAMSET3 is 1 to 999, inclusive; the internal message format supports values from 0 to 1023, inclusive. The unexpected application code is dumped along with the operating system for distributed switching (OSDS) message ID (message type) from which the unexpected value was read.

30. OA3BADBNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function `oa/OAeis/OAset3tin()` received an external message containing an invalid billing number module (module code 0x076c). The billing module is dumped and an action denied message is sent to the EIS.

31. OA3BADVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only when the operator services position system (OSPS) external information system (EIS) global variable `OAeisim` is set to `DBYES`. The EIS sent a message over a link that resulted in a link takeover scenario. The version ID in the message was within the range supported by the switch, but was of a greater value than the version assigned to the link. This is an error because the link decides the version level.

The incoming message, `rEIS_LNK` tuple, and version ID from the message are dumped. This assert is reported for message set 3 (Computer Generation Incorporated) only.

Probable Cause:

The EIS system might have transferred the call from a processor that was running a higher level version to a processor running a lower level version.

Action:

Contact field support personnel.

32. OA3BBOPTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints when the external information system (EIS) global flag `OAeisim` is set to `DBYES`. The EIS incoming message translator for message set 3 (OAMSET3) detected an invalid billing option in the `BEGIN BILLING` message. The value is in the first byte of the data dump.

33. OA3BDEISVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the operator services position system (OSPS) external information system (EIS) interface, this assert only prints when the global variable `OAeisim` is set to `DBYES` (1). The external vendor system sent a version ID in a heartbeat message that was not in the range of values supported by the OSPS. The external vendor system is associated with message set 3 (CGI).

The heartbeat message, the OSPS software version for message set 3, and the `rEIS_LNK` tuple associated with the data link the message arrived over are dumped.

Probable Cause:

The external vendor system and the OSPS are running incompatible versions of the interface software.

Action:

Report the problem immediately to field support personnel.

34. OA3BDVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only when the operator services position system (OSPS) external information system global variable OAeisim is set to DBYES (1). The external vendor system (Computer Generation Incorporated message set 3) sent OSPS a message that resulted in a link takeover scenario. The version ID sent in the message was out of the range supported by OSPS. The incoming message, the version level currently supported by OSPS, and the rEIS_LNK tuple associated with the data link that the call arrived over are dumped.

Probable Cause:

OSPS or EIS is operating with an invalid version of the interface.

Action:

Alert field support personnel.

35. OA3BLFVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only when the operator services position system (OSPS) external information system (EIS) global variable OAeisim is set to DBYES. The EIS sent a message over a link that resulted in a link following scenario. The version ID in the message was within the range supported by the switch, but was of greater value than the version assigned to the link. This is an error because the link decides the version level.

The rEIS_LNK tuple associated with the link the message was received on, the rEIS_LNK tuple associated with the link the call was originally assigned to, and the rEISCALL tuple assigned to the call are dumped. This assert is reported for message set 3 (Computer Generation Incorporated) only.

Probable Cause:

The EIS system might have transferred the call from a processor that was running a higher level version to a processor running a lower level version.

Action:

Contact field support.

36. OA3BOPTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) incoming message translator for message set 3 (OAMSET3) detected an invalid billing option selected field. The value is in the first byte of the data dump.

37. OA3CIDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) message set 3 incoming translator function OASet3tin() detected an EIS call ID that is out of range (greater than 0x1ffff). The EIS call ID, the internal message type being translated at the time the error was found, and the EIS ID of the sending EIS are dumped.

38. OA3EISVOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) version ID specified in the dynamic relation RLEIS_LNK was out of range. The rLEIS_LNK tuple and the version currently supported on the switch are dumped.

Probable Cause:

A wild process write or an error in software logic regarding the initialization or update of the version ID may have occurred.

Action:

Report the problem to field support personnel.

39. OA3MSGTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator for message set 3 function OAs3tout() was unexpected; that is, the message type is not included in the OAMSET3 message protocol. The unexpected message ID (internal message type) is dumped on the ROP.

40. OA3OTRANFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert only prints when the operator services position system (OSPS) external information system (EIS) integrity monitor flag OAeisim is set to DBYES (1). A message set 3 translator could not be assigned to an outgoing EIS message. The outgoing message, version ID assigned to the call, and rLEISCALL tuple are dumped. The outgoing message is dropped.

Probable Cause:

Most likely, the switch was upgraded to a new version ID for the message set and no longer supports the version being used by the external vendor. This is a coordination problem between the switch and the external vendor.

Action:

The external vendor needs to upgrade their version, or the switch needs to go back to an older version.

41. OA3RTNMFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only when the external information system (EIS) global variable OAeisim is set to DBYES. The EIS incoming message translator for message set 3 (OAMSET3) failed to convert a routing number (supplied in the routing number module) from compact binary coded decimal (BCD) to domain directory number (DMDN) format. The incoming message buffer, incoming message type, and billing module type are dumped.

Probable Cause:

The EIS sent an invalid routing number, or operator services position system (OSPS) incorrectly translated the number supplied.

Action:

Contact OSPS field support personnel.

42. OA3TRANFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert only prints when the operator services position system (OSPS) external information system (EIS) integrity monitor flag OAeisim is set to DBYES (1). A message set 3 translator could not be assigned to an incoming EIS message. The incoming message and the version ID sent in the message are dumped. The incoming message is dropped.

Probable Cause:

Most likely, the switch was upgraded to a new version ID for the message set and no longer supports the version being used by the external vendor. This is a coordination problem between the switch and the external vendor.

Action:

The external vendor needs to upgrade their version, or the switch needs to go back to an older version.

43. OA3XBCF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing more than one data module (module code 0x707c or 0x709c). The billing modules are dumped.

44. OA3XBCF2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 1 data module (0x707c) with a release 2 feature module (0x70ac). The billing modules are dumped.

45. OA3XBCF3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 data module (0x709c) when the feature was not activated. The billing modules are dumped.

46. OA3XBCF4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 data module (0x709c) with another data module (0x707c or 0x709c). The billing modules are dumped.

47. OA3XBCF5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 feature module (0x70ac) when the feature has not been activated. The billing modules are dumped.

48. OA3XBCF6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing multiple release 2 feature modules (0x70ac). The billing modules are dumped.

49. OA3XBCF7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 feature module (0x70ac) with a release 1 data module (0x707c). The billing modules are dumped.

50. OA3XBCF8 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing more billing modules than will fit in the internal message buffer. The billing modules are dumped.

51. OA3XBCF9 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 feature module (0x70ac) with an invalid feature flag. The billing modules are dumped.

52. OA3XBCFA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 feature module (0x70ac) with a forced return timer value that was out of range. The billing modules are dumped.

53. OA3XBCFB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 feature

module (0x70ac) with a busy/no answer timer value that was out of range. The billing modules are dumped.

54. OA3XBCFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received a routing number module (module code 0x705c) in an external message that is not a complete call message.

55. OA3XBCFD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing a release 2 feature module (0x70ac) with a platform billing indicator that is set improperly. This indicator must be set to 1 for a begin billing message.

56. OA3XBMOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() exceeded the capacity of the internal operating system for distributed switching (OSDS) message billing module array due to receipt of more billing data than expected. The internal OSDS message ID (message type) associated with the external message is dumped.

57. OA3XBTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an external message containing an unexpected billing module type. The unexpected billing module type and the internal operating system for distributed switching (OSDS) message ID (message type) associated with the external message are dumped.

58. OA3XMTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 3 (OAMSET3) translator function oa/OAeis/OAset3tin() received an unexpected external message type. The unexpected message ID is dumped.

59. OA0046 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid TYPE_CI_CALL value was encountered. One of the following situations was detected:

- 1) an invalid combination of TYPE_CI_CALL (FCCI_NULL) and ROW_TYPE
- 2) an undefined TYPE_CI_CALL value
- 3) the TYPE_CI_CALL is AD1 with no carrier prefix (10XXX) dialed

Data Structures:

The following information is dumped to the ROP (in hex):

The first data dump contains the digit count (first half byte) and dialed digits (one byte per digit; subtract hex 30 from each).

The second data dump contains the digtree value (bytes 0 and 1) and the TYPE_CI_CALL value (bytes 2 and 3).

Action:

Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]), View 9.2 (PREFIX/FEATURE DIGIT [OFFICE DIALING]), or View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) to verify the TYPE_CI_CALL value and correct the error.

60. OA0048 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rRFC_WZ1 tuple is missing.

Data Structures:

RLFC_WZ1.

The first data dump contains the numbering plan area (NPA) in hex (bytes 0, 1, and 2; one byte per digit; subtract hex 30 from each).

Action:

Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) (or ODBE, if necessary) to insert an rRFC_WZ1 tuple (WZ1 REGION field).

61. OA4_ACDRTFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distributor (ACD) request type in an external information system (EIS) operating system for distributed switching (OSDS) message (internal format) was unexpected when the message set 4 (OAMSET4) outgoing message translator function OASET4tout() was called. The unexpected ACD request type is dumped along with the OSDS message ID (message type).

62. OA4_APPCDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) application code passed to the message set 4 (OAMSET4) outgoing translator function OASET4tout() was out of range. The EIS application code indicates to the EIS the type of application (service) to be provided for the 5ESS[®] switch.

The application code range for OAMSET4 is 1 to 999, inclusive; the internal message format supports values from 0 to 1023, inclusive. The unexpected application code is dumped along with the operating system for distributed

switching (OSDS) message ID (message type).

63. OA4CIDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) message set 4 incoming translator function OAset4tin() detected an EIS call ID that is out of range, that is, greater than 0x1ffff. The EIS call ID, internal message type, and the EIS ID for the sending EIS are dumped.

64. OA4_MSGTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator function for message set 4 OAset4tout() was unexpected; that is, the OSDS message type is not included in the OAMSET4 message protocol. The unexpected OSDS message ID (internal message type) is dumped.

65. OA4_POSNMOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) position number passed to the external information system (EIS) outgoing message set 4 (OAMSET4) translator function OAset4tout() was out of range. The range specified for the position number under the OAMSET4 interface specification is 1 through 9999, inclusive.

Currently, OSPS only supports position numbers in the range of 1 to 4095, that is, twelve binary bits. This error code supports future expansion of the OSPS position number range. The out-of-range position number and the internal OSPS message ID (message type) for the message that the unexpected value was read from are dumped.

66. OA4XATINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received an OA4TRNS_REQ message with an announcement type that is not consistent with the route type specified in the RLSRV_DEST relation in RC/V View 21.53 (OSPS DESTINATION DATA FOR LISTING SERVICES CALLS).

Route types operator (OPER) and route index external announcement should indicate the null announcement type of 255; route types route index internal announcement and fixed index internal announcement should indicate an announcement type between 1 and 254, inclusive. The announcement type, EIS ID, and service destination ID are dumped; the latter two parameters are the keys for View 21.53.

67. OA4XBMOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() exceeded the capacity of the internal operating system for

distributed switching (OSDS) message billing module array due to receipt of more billing data than expected. The internal OSPS message ID (message type) associated with the external message is dumped.

68. OA4XBTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received an external message containing an unexpected billing module type. The unexpected billing module type is dumped along with the internal OSDS message ID (message type) associated with the external message.

69. OA4XDTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received an unexpected data type in the listing number data fields of the OA4TRNS_REQ external message. The unexpected data type value is dumped.

70. OA4XFDOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When the operator services position system (OSPS) external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received the OA4TRNS_REQ message, it exceeded the size of the internal operating system for distributed switching (OSDS) message field_data array. The EIS sent more field data than the 5ESS[®] switch expected, or the external message data was corrupted, which may imply more data than was really sent.

71. OA4XICOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received an external message containing incorrect billing information for an intercept call. The billing option selected in the COMPLETE CALL message is incorrect, or the class of charge in the LISTING ACCESS COMPLETE message is incorrect. The external message ID is dumped along with the incorrect value received.

72. OA4XMTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received an unexpected external message type. The unexpected message ID is dumped.

73. OA4XPNBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 4 translator function oa/OAeis/OAset4tin() received an incoming message with a position number that could not be converted to a binary value. The most significant byte, least significant byte, and associated internal OSDS message ID (message type) are dumped.

74. OA4XPNOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) incoming message set 4 (OAMSET4) translator function oa/OAeis/OAset4tin() received an external message with a position number that was out of range. The invalid position number and the corresponding internal operator services position system (OSPS) message ID (message type) are dumped.

75. OA0050 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Modular feature construction (MFC)/feature execution (FEX) received an error return code from a dynamic access (DA) primitive. The error may be an invalid linkage in the process control block link area (PCBLA)-associated process block (APB) set. FEX could not recover from this error.

76. OA0052 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAatpcap() primitive failed to return the associated process block (APB) to the APB idle list during a subprocess suicide.

77. OA0054 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator actions (OA) feature execution (FEX) had an invalid digit analysis request flag. It could not invoke digit analysis or parameter collection.

78. OA0057 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A subprocess had an invalid state and caused a single process purge. The process control block link area (PCBLA) and related associated process blocks (APBs) are dumped on the ROP. The layout of the APB data dumped is found in the file fc/hdr/MCcmmsgtxt.L in the typedef named MCASRT_APB.

79. OA0058 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A subprocess received an invalid message and caused a single process purge. The process control block link area (PCBLA) and related associated process blocks (APBs) are dumped on the ROP.

80. OA0059 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Too many JOINSTATE in a master control center (MCC) terminal process. There may be an infinite loop of "JOIN".

81. OA5_APPCDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application code range for OAMSET5 is 1 to 999, inclusive; the internal message format supports values from 0 to 1025, inclusive. The unexpected application code is dumped along with the operating system for distributed switching (OSDS) message ID (message type) from which the unexpected value was read.

Probable Cause:

The application code used by the process sending this message has become corrupted.

Action:

Report the problem immediately to field support personnel.

82. OA5BADBNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 5 (OAMSET5) translator function OAs5tin. received an external message containing an invalid billing number (module code 0x106c). The billing module and the message ID received from the EIS vendor are dumped.

Probable Cause:

The Tele-Matic Inmate Calling System has sent invalid data to OSPS.

Action:

Contact Tele-Matic Inc. field support.

83. OA5BBOPTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 5 (OAMSET5) detected an invalid billing option in the BEGIN BILLING message. The value is in the first byte of the data dump.

Probable Cause:

The Tele-Matic Inmate Calling Services system sent invalid data to OSPS.

Action:

Contact Tele-Matic Inc. field support.

84. OA5BDEISVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only if the external information system (EIS) global flag OAeisim is set to DBYES. The external vendor system sent a version ID in a heartbeat message that was not in the range of values supported by the OSPS. The external vendor system is associated with message set 5 (Tele-Matic Inc).

The heartbeat message, the OSPS software version for message set 5, and the rIEIS_LNK tuple associated with the data link the message arrived over are dumped.

Probable Cause:

The external vendor system and the OSPS are running incompatible versions of the interface software.

Action:

Report the problem immediately to field support personnel.

85. OA5BDN_DCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS vendor for an Inmate Calling Services call has sent a FORWARD NUMBER CHECK AND DATABASE QUERY REQUEST message to OSPS with a pre-paid class of charge, but has not included a valid billing number in the billing number module (module code 0x106c). The number of digits received in the module is printed.

Probable Cause:

The external vendor system has sent an invalid billing number module.

Action:

Report the problem immediately to field support personnel.

86. OA5BDN_MISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints when the external information system (EIS) global flag OAeisim is set to DBYES. The EIS vendor for an Inmate Calling Services call has sent a BEGIN BILLING message to OSPS with a pre-paid class of charge, but has not included a valid number in the billing number module (module code 0x106c). This request is rejected by the OSPS.

Probable Cause:

The external vendor system has sent an invalid billing number module.

Action:

Report the problem immediately to field support personnel.

87. OA5BINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert fires when an invalid initial action is found for an Inmate Calling Services call.

Data Structures:

RLSERVDATA, key = serv_id.

Action:

The 5ESS® switch data has the initial action for this call, with the printed SERV_ID, as sending the call to an operator. This action is not valid for an Inmate Calling Services call. Use RC/V View 21.54 (OSPS SERVICE DATA FOR LISTING SERVICES CALLS) to change the initial action for this service.

88. OA5B_NMATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The billing number for an Inmate Calling Services call does not agree with 5ESS® switch data.

Data Structures:

RLSERVDATA, key=serv_id.

Action:

This assert fires when the billing number sent to the operator services position system (OSPS) by the external information system (EIS) vendor does not match the one provisioned in the 5ESS® switch data. The number sent to OSPS in a FORWARD NUMBER CHECK AND DATABASE QUERY REQUEST message from Tele-Matic Inc for an Inmate Calling Services call is compared against 5ESS® switch data. Since these two numbers do not match, one system must be updated. Determine which of the two printed billing numbers is incorrect. If the 5ESS® switch billing number is wrong, use RC/V View 21.54 (OSPS SERVICE DATA FOR LISTING SERVICES CALLS), keyed with the printed SRV ID, to update the billing number in the 5ESS® switch data. If the EIS billing number is wrong, the Tele-Matic Inc system must be updated to use the correct number.

89. OA5BNUM_CHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The billing number received from the EIS vendor (Tele-Matic Inc) for an Inmate Calling Services call has changed. The original billing number received in the FORWARD NUMBER CHECK AND DATABASE QUERY REQUEST message and stored in a DMDN in the call record is dumped and the changed number received in the BEGIN BILLING message is dumped.

Probable Cause:

The EIS software has improperly changed the billing number.

Action:

Contact Tele-Matic customer support.

90. OA5BOPTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 5 (OAMSET5) detected an invalid billing option in the FORWARD NUMBER CHECK AND DATABASE QUERY REQUEST message. The value is in the first byte of the data dump.

Probable Cause:

The EIS database software has sent an invalid billing option to OSPS.

Action:

Contact customer support for Tele-Matic Inc.

91. OA5CIDDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) message set 5 incoming translator function OAs5tin or message set 6 incoming translator function OAs6tin detected an EIS call ID that is out of range (greater than 0x1ffff). The EIS call ID, the text of the message being translated at the time the error was found, and the EIS ID of the sending EIS are dumped. The message ID is the first byte of the message text.

Probable Cause:

An invalid EIS call ID was received from the EIS vendor.

Action:

Contact Tele-Matic customer support if message set 5 or OSPS field support if message set 6.

92. OA5COC_CHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The class of charge received from the EIS vendor (Tele-Matic) for an Inmate Calling Services call has changed. The first byte in the first dump is the class of charge received in the FORWARD NUMBER CHECK AND DATABASE QUERY REQUEST message and the first byte in the second dump is the changed class of charge from the BEGIN BILLING message. A value of 06 means pre-paid, while 02 is collect.

Probable Cause:

The external vendor system has changed the class of charge for the cause.

Action:

Report the problem immediately to field support personnel.

93. OA5DIOR_ICS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A international originating number is identified as an inmate line.

Data Structures:

RLFCNPAMAP, key=bnpa,bnxx RLFCSCRLNE, key=lnoc,lnum RLFCSCRRNG, key=tupnum,lnoc RLOLSR, key=scrncode

Action:

This assert fires when an international number is defined in 5ESS[®] switch data as an inmate line. When found, this provisioning error is reported and the USA Direct call is sent to an operator for proper handling. Determine the originating line screening code associated with the printed originating line number from RC/V View 26.2 (LINE SCREENING). There is then an entry in RC/V View 26.3 (OSPS BACK SCREEN CODE TABLE) with the ICS TREAT field marked Y. Either the originating line has the wrong screening code assigned to it or the ICS TREAT field for the screening code should be set to N.

94. OA5MSGTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator for message set 5 function OAs5tout was unexpected; that is, the message type is not included in the OAMSET5 message protocol. The unexpected message ID (internal message type) is dumped on the ROP.

Probable Cause:

Internal 5ESS® switch call processing error - sending an unexpected message for an Inmate Call.

Action:

Report the problem immediately to field support personnel.

95. OA5NO_SRV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call from a line marked for Inmate Calling Services is not being served.

Data Structures:

RLFCNPAMAP, key=bnpa,bnxx RLFCSCLNE, key=lnoc,lnum RLFCSCLRRNG, key=tupnum,lnoc RLOLSR, key=scrncode

Action:

This assert is fired when an Inmate Calling Services call arrives and is not going to receive service. The reason for denying service is one of the following: the call arrived over an 800 access trunk, the originating line is identified as a coin line, the originating line is identified as receiving telephone relay service (TRS) or the call is received from a wireless provider. The originating line number and trunk group number are printed. If the line is improperly identified as an inmate call, use the LINE SCREENING view (RC/V View 26.2) to determine the Originating Line Screening code associated with the originating line number. Then, use the OSPS BACK SCREEN CODE TABLE view (RC/V26.3), keyed by the screening code, to set the ICS TREAT field to N.

96. OA5SRV_BDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid billing number for an Inmate Call is found in the 5ESS® switch data.

Data Structures:

RLSERVDATA, key=serv_id.

Action:

The assert fires when an invalid billing number is found in the 5ESS® switch data. The SVC ID associated with the Inmate Calling Services call is printed. This value is used as the key to the OSPS SERVICE DATA FOR LISTING SERVICES CALLS view (RC/V View 21.54). The billing number for the Inmate Calling Services call must be specified on this view.

97. OA5XBMOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 5 (OAMSET5) has exceeded the capacity of the internal operating system for distributed switching (OSDS) message billing module array due to receipt of more billing data than expected. The

internal OSDS message ID (message type) associated with the external message is dumped.

Probable Cause:

The billing modules received from the EIS vendor (Tele-Matic) was greater than what OSPS expects or handles.

Action:

Report the problem immediately to field support personnel.

98. OA5XBTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 5 (OAMSET5) received an external message containing an unexpected billing module type. The unexpected billing module type and the internal operating system for distributed switching message ID (message type) associated with the external message are dumped.

Probable Cause:

The EIS vendor (Tele-Matic) has sent a billing module with an unknown module ID.

Action:

Report the problem immediately to field support personnel.

99. OA5XMTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 5 (OAMSET5) received an unexpected external message type. The text of the unexpected message is dumped. The first byte is the message ID.

Probable Cause:

The EIS vendor (Tele-Matic) has sent a message to the 5ESS[®] switch that is not in the agreed upon message set.

Action:

Report the problem immediately to field support personnel.

100. OA6_AAPCDOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator for message set 6 function OAs6tout was unexpected; that is, the message type is not included in the OAMSET6 message protocol. The unexpected message ID (internal message type) is dumped on the ROP.

Probable Cause:

Internal 5ESS[®] switch call processing error - sending an unexpected message for a Customer Services Data Unit (CDSU) call.

Action:

Contact OSPS field support personnel.

101. OA6BCALL_TR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) detected an invalid call treatment option in the COMPLETE CALL message. The value received from the Customer Services Data Unit (CDSU) is in the first byte of the data dump.

Probable Cause:

The CDSU software has sent an invalid call treatment option to OSPS.

Action:

Contact OSPS field support personnel.

102. OA6BDEISVER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only if the external information system (EIS) global flag OAeisim is set to DBYES. The external vendor system sent a version ID in a heartbeat message that was not in the range of values supported by the OSPS. The external vendor system is associated with message set 6 (CDSU)

The heartbeat message, the OSPS software version for message set 6, and the rEIS_LNK tuple associated with the data link the message arrived over are dumped.

Probable Cause:

The EIS and the OSPS are running incompatible versions of the interface software.

Action:

Report the problem immediately to field support personnel.

103. OA6BDTMF_OPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) detected an invalid dtmf/speech indicator in the COMPLETE CALL MESSAGE received from the Customer Services Data Unit (CDSU). The value is in the first byte of the data dump.

Probable Cause:

The CDSU software sent invalid data to OSPS.

Action:

Contact OSPS field support personnel.

104. OA6BNMF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming

message translator for message set 6 (OAMSET6) found invalid compact binary coded decimal (BCD) data in the billing number supplied by the CDSU in the CDSU Billing number module. The incoming message buffer, incoming message type, and billing module type are dumped.

Probable Cause:

The Customer Services Data Unit (CDSU) software sent an invalid billing number or OSPS incorrectly translated the number supplied.

Action:

Contact OSPS field support personnel.

105. OA6CNMFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) failed to convert a called number (supplied in the CDSU Called number module) from compact binary coded decimal (BCD) to domain directory number (DMDN) format. The incoming message buffer, incoming message type, and called module type are dumped.

Probable Cause:

The Customer Services Data Unit (CDSU) software sent an invalid called number or OSPS incorrectly translated the number supplied.

Action:

Contact OSPS field support personnel.

106. OA6LKTKO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Customer Services Data Unit (CDSU) returned at least one message to OSPS over a Call Processing Data Link (CPDL) that terminates on an SM that is different from the one initially used to communicate with the CDSU. All CPDLs from one CDSU must all terminate on a single SM. The eis_id and the number of the SM originally used are dumped.

Probable Cause:

CPDLs from one CDSU terminate on different SMs.

Action:

For each CDSU, verify that all of its CPDLs terminate to a single SM. For each SM with CDSU CPDLs, verify that all CPDLs originate from a single CDSU.

107. OA6MOD_MISS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) received a COMPLETE CALL message from the Customer Services Data Unit (CDSU) with a call treatment type of external transfer, but the message did not contain the required routing number module (0x105c).

Probable Cause:

The CDSU software sent OSPS a message with a required field missing.

Action:

Contact OSPS field support personnel.

108. OA6MSGTYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) operating system for distributed switching (OSDS) internal message type passed to the outgoing message translator for message set 6 function OAs6tout was unexpected; that is, the message type is not included in the OAMSET6 message protocol. The unexpected message ID (internal message type) is dumped on the ROP.

Probable Cause:

Internal 5ESS[®] switch call processing error - sending an unexpected message for a Customer Services Data Unit (CDSU) call.

Action:

Contact OSPS field support personnel.

109. OA6RTE_FL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. OSPS has been instructed by the Customer Services Data Unit (CDSU) to transfer a call to an external number, but cannot do so. The transfer failed because either the number sent by the CDSU is not provisioned in the 5ESS[®] switch digit analysis data or the number is invalid or the number is not an 800/888 or 129 format number.

Data Structures:

RLDA_DIGSTRT. Key field: digtree. RLDAPRLDGT. Key fields: previous, digit. RLDAPRLFNL. Key field: previous. RLDAPRMDGT. Key fields: previous, digit. RLDAPRMFNL. Key field: previous.

Action:

If the number sent by the CDSU is valid, use Recent Change to provision it on the 5ESS[®] switch. If the number sent by the CDSU is not valid, provisioned data on the CDSU must be changed.

110. OA6RTNFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) failed to convert a routing number (supplied in the routing number module) from compact binary coded decimal (BCD) to domain directory number (DMDN) format. The incoming message buffer, incoming message type, and billing module type are dumped.

Probable Cause:

The Customer Services Data Unit (CDSU) sent an invalid routing number, or OSPS incorrectly translated the number supplied.

Action:

Contact OSPS field support personnel.

111. OA6XBMOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) has exceeded the capacity of the internal operating system for distributed switching (OSDS) message billing module array due to receipt of more billing data than expected. The internal OSDS message ID (message type) associated with the external message is dumped.

Probable Cause:

The billing modules received from the Customer Services Data Unit (CDSU) is greater than what OSPS expects or handles.

Action:

Contact OSPS field support personnel.

112. OA6XBTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) received an external message containing an unexpected billing module type. The unexpected billing module type and the internal operating system for distributed switching message ID (message type) associated with the external message are dumped.

Probable Cause:

The Customer Services Data Unit (CDSU) has sent a billing module with an unknown module ID.

Action:

Contact OSPS field support personnel.

113. OA6XMYPEFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints if the external information system (EIS) global flag OAeisim is set to DBYES. The EIS incoming message translator for message set 6 (OAMSET6) received an unexpected external message type from the Customer Services Data Unit (CDSU) or the length of the message did not match what is defined in the interface specification. The text of the message is dumped. The first byte of the dump is the message ID.

Probable Cause:

The CDSU software has sent a message to the 5ESS[®] switch that is not in the agreed upon message set.

Action:

Contact OSPS field support personnel.

114. OA7BADHIL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) message set 7 incoming translation function OAetp7emsg() detected a Harris host interface link (HIL) circuit ID that can not be mapped to an

internal 5ESS® switch call ID. The mapping from HIL circuit ID to call ID is done with the dynamic relation RLHAR_CODE. The external message type and HIL circuit ID are dumped.

Probable Cause:

Harris operator system has routed call control messages to incorrect location.

Action:

Contact OSPS field support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

115. OA7INVEMSG (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) incoming message set 7 translator function OASET7tin() received an unexpected external message type. The unexpected message ID is dumped.

Probable Cause:

Harris operator system has sent a message not supported by OSPS.

Action:

Contact OSPS field support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

116. OA7INVIMSG (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) translator function for 5ESS® switch OSDS messages OASET7tou() received an unexpected message type. The message type is dumped.

Probable Cause:

An attempt to send an un-supported message was made.

Action:

Contact OSPS field support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

117. OA7LKTKO (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Harris External System returned at least one message to OSPS over a call processing data link (CPDL) that terminates on a SM that is different from the one initially used to communicate with the Harris System. All CPDLs from one Harris System must terminate on a single SM. The eis_id and the number of the SM originally used are dumped.

Probable Cause:

CPDLs from one Harris System terminate on different SMs.

Action:

For each Harris System verify that all of its CPDLs terminate to a single SM. For each SM with Harris CPDLs verify that all CPDLs originate from a single Harris System.

118. OA0120 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BUFMSG	Audit Mode: elev

Problem:

A BUFMSG audit was called when an rIBUFMSG tuple could not be inserted into the busy list.

119. OA0121 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A single process purge was called when rIBUFMSG tuples could not be obtained from the idle list. This indicates a resource failure because the IMfex_rsc() function has already searched for BUFMSG hogs.

120. OA0123 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BUFMSG	Audit Mode: elev

Problem:

An audit was scheduled in elevated mode when an rIBUFMSG tuple could not be returned to the idle list.

121. OA0127 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No message buffers were queued and the OAbuf_end() function was called.

122. OA0128 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown apb_tag value was encountered.

123. OA0129 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A model with the given apb_tag value could not be found.

124. OA0130 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BUFMSG	Audit Mode: elev

Problem:

The BUFMSG audit was called when an rIBUFMSG tuple could not be obtained from the idle list.

125. OA0150 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digit count value (dial_data.dial_dig.digcnt) in the route request message was too small or too big. This error occurred in the OAop_id() function when determining if the call is an operator services position system (OSPS) call.

126. OA700C7ER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A specialized 700 call that required routing over a common channel signaling system 7 (CCS7) trunk was routed over a non-CCS7 trunk group. Specialized 700 calls cannot be completed until the routing data is corrected.

Action:

One of the following may have occurred:

1. Digit analysis selected a code index that is associated with a non-CCS7 trunk group.
2. Overflow routing occurred and the overflow trunk group is non-CCS7.
3. The external information system (EIS) that requested the call to be completed over a CCS7 trunk sent the switch a number that was not agreed upon as requiring routing on CCS7 trunks only.

For all possibilities, the starting point is digit analysis. The incoming trunk group number, routing (forward) number, and outgoing trunk group number are dumped. Use these values with the office data records to determine where the problem lies.

127. OA900C7ER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) 900 call attempted to route to a non-CCS7 trunk. Since OSPS 900 calls cannot be routed using a non-CCS7 trunk, this call will not be completed.

Data Structures:

RLFC_TRUNK. Key field: port.
 RLDA_DIGSTRT. Key field: digtree.
 RLDAPRLDGT. Key fields: previous, digit.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMDGT. Key fields: previous, digit.
 RLDAPRMFNL. Key field: previous.
 RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.
 RLRT_ROUTING Key field: route_x.

Action:

OSPS 900 calls only route to common channel signaling system 7 (CCS7) trunks; routing to non-CCS7 trunks is blocked. An OSPS 900 call passed digit analysis and routing, but routed to a non-CCS7 trunk. The ROP output includes incoming and outgoing trunk numbers and the 900 forward number. This should be enough information to trace through the digit analysis and routing office records to determine at what step the problem was introduced.

128. OAABUSYF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

A failure occurred while linking the toll and assistance LOOP data base (TALOOPDB) to the DB_HEADC busy list. The assert will schedule an elevated TALOOPDB audit, and return to the caller.

129. OAACCSFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAGTACCSDb() macro returned an invalid pointer.

130. OAACC_TIMO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The timer timed out while waiting for the automated calling card service terminal process (ACCS-TP). The ACCS-TP is assumed corrupted and the call is idled.

131. OAACC_TYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the automated calling card service (ACCS) call type is invalid.

132. OAACCUPTTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACCSDB	Audit Mode: elev

Problem:

Failed to unlink the automated calling card service data block (ACCSDB) from its owning pointer data block (PTRDB).

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to locate either the PTRDB tuple of the ACCSDB tuple.

Action:

Schedule the ACCSDB audit.

133. OAACNBFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

The OAcndatsz() function encountered a failure when adding an rICOINOT tuple to the headcell busy list. An elevated COINOT audit is scheduled and processing returns to the calling function.

134. OAACNIFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

The OAcndatrls() function encountered a failure when adding an rICOINOT tuple to the headcell idle list. An elevated AUICOINOT audit is scheduled and processing returns to the calling function.

135. OAACOPUN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACop_req() function returned an unknown value.

136. OAACTOWN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The account owner received in the originating line number screening (OLNS) reply could not be found in the account owner table.

Data Structures:

RLACCTOWN. Key fields: account owner.

Action:

Add a new tuple in RC/V View 26.48 (OSPS OLNS ACCOUNT OWNER) with the account owner received in the OLNS reply.

137. OAAGRTRK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RLFC_OPRTK indicates that a trunk group carries calls from a directory assistance aggregator, but no RLDA_ENH tuple exists for the trunk group. The trunk group number is printed with the assert.

Data Structures:

RLFC_OPRTK (View 26.26), RLDA_ENH (View 26.27).

Action:

Remove the trunk group from service. Delete, then re-insert the tuples for this trunk group on RC/V Views 26.27 and 26.26. Restore the trunk group.

138. OAAHHCSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SDAPSDL	Audit Mode: elev

Problem:

An attempt to add an SDAP_SDL tuple to the head of the idle list failed. An elevated SDAP_SDL audit is scheduled and processing returns to the calling function.

139. OAAHPCSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SDAPSDL	Audit Mode: elev

Problem:

An attempt to attach an SDAP_SDL tuple to the head of the PCBLA owner tuple failed. An elevated SDAP_SDL audit is scheduled and processing returns to the calling function.

140. OAAIDLEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

An error occurred while adding the toll and assistance LOOP database (TALOOPDB) to the DB_HEADC idle list. The assert will schedule an elevated TALOOPDB audit, and return to the caller.

141. OAILSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is used for all the AILS errors.

Action:

On the ROP output, the first parameter is the error type. The following error types are given as part of the message:

1. An AILS BEGIN message was sent to the wrong operator services position system (OSPS). This assert will print out in both the call serving OSPS and the normal serving site OSPS. The parameters printed are the calling number and the point code of the offending OSPS. The data in the AILS Destination Table (RC/V View 26.7) is correct for the calling number printed in the message.

An AILS BEGIN message was received with an out-of-range OSPS Service Specifier value. The only parameter printed is the point code of the offending OSPS.

3. An AILS BEGIN message was received in an OSPS where the AILS feature was not activated. This assert will print out in both the call serving OSPS and the normal serving site OSPS. The parameters printed are the calling number and the point code of the offending OSPS. The AILS feature should be turned on in the offending site.

4. The parsing of an AILS BEGIN/END/ERROR message failed. The only parameter printed is the point code of the offending OSPS.

5. There is an inconsistency in the AILS software version number between OSPSs. The only parameter printed is the point code of the offending OSPS. Make sure that the AILS software version number is consistent among all OSPSs.

6. An NPA-NXX was not found in the NPA-NXX SM Assignment & LATA Exceptions Table (RC/V View 26.1) and/or not found in the AILS Destination Table (RV/V View 26.7). The parameters printed are the calling number and the TGN-MEM. The NPA-NXX should be added to either table, if applicable.

142. OAA_INCRSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect reason for the creation of the automatic charge quotation service terminal process (ACQS-TP) was encountered. The reason should only be OSRREPLACE. The reason field is dumped.

143. OAAISDIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected digit analysis data was defined for an incoming intercept to operator services position system (OSPS) call.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.
 RLDAPRLDGT. Key fields: previous, digit.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMDGT. Key fields: previous, digit.
 RLDAPRMFNL. Key field: previous.
 RLDA_CONFLCT. Key fields: table, digits.

RLDA_AMBIG. Key field: table.

Action:

An incoming intercept to OSPS call arriving over a multi-frequency trunk encountered a problem with digit analysis data. The digit analysis selector (DAS), the dialed digits received over the incoming intercept trunk, and the trunk group number are printed on the ROP.

Use RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to verify that the DAS is valid. If this DAS is not found, either insert the DAS on RC/V View 9.1 or change the DAS specified on RC/V View 8.9 (OSPS OFFICE PARAMETERS) to a valid DAS.

If the DAS is valid, use the dialed digits and the PDIT/INDIT and LDIT values to trace through the digit analysis data. Only three types of calls can arrive over an intercept trunk: test calls, toll fraud follow-up calls (also called no voice calls or NOVA), and intercept calls.

For a test call, the CALL TYPE on the RC/V LDIT View must be a valid value for a test call and the CI TYPE field must be NONCI. For a toll fraud follow-up call, the CALL TYPE on the LDIT View must be LOCDA and the CI TYPE must be NONCI; the CODE INDEX specified can be used in RC/V View 26.10 (OSPS ACD CALL TYPE POOL).

For a valid intercept call, the first digit received is the intercept class. The following table summarizes the relationship that should exist between the INC DIGITS (class) field and the NBR DIG (valid number of digits to collect) field on the LDIT View:

INC DIG	NBR DIG
0	1, 8 or 11
1	1, 8 or 11
2	1
3	1, 8 or 11
5	1
6	1
7	1
8	1

For a valid intercept call, the CALL TYPE on the LDIT View must be NORMAL and the CI TYPE must be NONCI.

For a vacant code, the CALL TYPE on LDIT must be VACANT and the CI TYPE must be NONCI.

144. OAALOPTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAalo_ptrdb() function returned GLFAIL. This function is called whenever a change is made to the counts for RAFs, VDTs, interflow positions, or requests for more PTRDBs. OAalo_ptrdb() controls the creation of new tuples and also updates Glptrdb, which holds the count of PTRDBs on the SM. Glptrdb must be the sum of Glnraf + Glnvdt + Glint + Gliptrdb. Whenever one of these globals changes, then OAalo_ptrdb() is called to perform any adjustments to the number of PTRDBs.

Probable Cause:

1. the wrong parameter ID was passed as an argument 2. could not obtain the new tuple count from OAresizerel() 3. the attempt to update the global Glptrdb failed (which should cause an additional assert to fire 4. failed to insert a tuple using DBfintup() 5. failed to attach a tuple to the idle list using DBathcpr()

Action:

None. If this problem was temporary, then the next time OAalo_ptrdb() is called, it will re-adjust everything to make up any differences.

145. OAALOQRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAalo_qrydb() function returned GLFAIL. This function is called whenever a change is made to the counts for RAFs, VDTs, Interflow Positions, or requests for more QRYDBs. OAalo_qrydb() controls the creation of new tuples and also updates Glqrydb, which holds the count of QRYDBs on the SM. Glqrydb must be the sum of Glnraf + Glnvdt + Glint + Gliqrydb. Whenever one of these globals changes, then OAalo_qrydb() is called to perform any adjustments to the number of QRYDBs.

Probable Cause:

1. the wrong parameter ID was passed as an argument 2. could not obtain the new tuple count from OAresizerel() 3. the attempt to update the global Glqrydb failed (which should cause an additional assert to fire 4. failed to insert a tuple using DBfintup() 5. failed to attach a tuple to the idle list using DBathcqr()

Action:

None. If this problem was temporary, then the next time OAalo_qrydb() is called, it will re-adjust everything to make up any differences.

146. OAANI2_UNK (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A coin call came in which an automatic number identification (ANI) II/originating line information (OLI) digits are not recognized by operator services position system (OSPS) office data. The call will be treated as if ANI II/OLI digits of 07 are received.

Action:

The source office for this call should be checked to see if they are sending the correct ANI II/OLI digits for this type of call. Determine whether the receiving ANI II/OLI digits should be included in the RC/V View 26.45 (OSPS ANI II DIGITS FOR AMA RECORDING). The data printed on the ROP are trunk group, trunk member, ANI information digits, NPA, NXX, and line number. If the LRN of the back number exists, the LRN is also printed.

147. OAANI_DB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call came in with an automatic number identification (ANI) code that was defined in the database to be treated as if it had a normal ANI code by allowing it to be routed to an operator services position system (OSPS) operator for further identification of necessary information for processing.

Action:

The source office for this call should be checked to see if they are sending the correct ANI digits for this type of call. Start by looking at the associated relations printed on the ROP. Also check to see if the tuple in the database for this ANI value is correct.

148. OAANIGRP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ANI group ID from the incoming trunk group could not be found in the ANI group table.

Data Structures:

RLFC_OPRTK. Key field: trunk group number

RLANIIGRP. Key field: ANI group ID

Action:

Get the ANI group ID from the incoming trunk group using RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) and add a new tuple in RC/V View 26.47 (OLNS ANI GROUP DIGIT LIST) with it.

149. OAANRIREAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason parameter in the OAannri() function was unexpected; it does not correspond to enum values in the file OAannreas.h. The reason is dumped.

150. OAANYCOC_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OArplyqry() function was called when the OARPLY_QRY message was received in the "wait for query/connection state". A class of charge that does not generate queries did in fact generate a query.

Action:

The OArplyqry() function continues by returning NXTSTATE and going to the next state. The APB_ptr->int_msg.text[0] and loop_ptr->coc values are dumped. No manual intervention is required.

151. OAAOCEXTENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While preparing to terminate, the announcement only channel terminal process (AOC-TP) could not determine the extent of the resources that need to be cleaned up.

152. OAAPBBUFF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An APB/BUFMSG linkage was invalid, causing a dynamic access (DA) primitive to return failure. A single process purge is called.

153. OAAPBFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAgetapb() primitive returned a failure code.

154. OAAPBPOSF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The associated process block (APB) to position data block (POSDB) linkage was invalid.

155. OAAPBTAPF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This returning assert is called by operator actions (OA) feature execution (FEX) when the associated process block (APB) to toll and assistance operator position data block (TAPOSDB) linkage is invalid.

156. OAAPB_TMRFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) feature execution (FEX) model's attempt to start an associated process block (APB) timer failed. The OAASSERT() macro is used with this error code; therefore, the following information is dumped: APB key, model ID, state of the model, type of input message, where the message is from, far process ID, APB tag, the value switched on, and the external message header.

157. OAAPCCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to get the head link for the member channel control block communication region (CCBCOM) from its owner process control block link area (PCBLA) using the DAghpccc() primitive returned an unexpected failure. There may be an invalid link from the owner PCBLA to the member CCBCOM.

158. OAAPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Glaptyp global parameter for AP automation call selection protocol was set to an unexpected value (OAAP_NULL).

Action:

Use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to update the AP PROTOCOL field with a valid entry, or use RC/V View 21.33 (OSPS SWITCHING MODULE GROWTH) to add the SM to group partition 2 by setting the OPRT 2 field to Y.

159. OA_AQONHK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) received an MGONHOOK message during the path set up.

160. OA_AQSENDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) failed to send an operating system for distributed switching (OSDS) message to the autoquote terminal process (AQTP).

161. OA_AQTGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAclr_seqn() or OArst_seqn() function failed; could not reset the hotel sequence number to the RLHTL_SEQN dynamic relation.

162. OA_AQUNMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) received a return value from the FCsetup() function that was not FCDISC or the expected return of GLSUCCESS.

163. OA_AQZODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_LINE relation, or the rLFC_LINE tuple is missing for an autoquote mate analog line Z-card port on a (remote) integrated services line unit [(R)ISLU]. When this port is out of service (OOS), the associated autoquote digital subscriber line (AQ-DSL) is also removed from service due to a family of equipment relationship. See the RLAQTE_ADP relation for the port relationship.

Data Structures:

RLFC_LINE Key fields: port.member, port.module, party.

In the first word of the data dump layout, the first two bytes are port.member, the next byte is filler, and the next byte is port.module. In the next word, the first five bits are party.

Action:

Use RC/V (or ODBE, if necessary) to crosscheck the data set for the keys in the RLFC_LINE relation with the actual keys used to access the relation.

164. OAASGNDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Inks_asgnd field in the rLEIS_SM relation contains 16 bits where each bit position (0-15) represents the SM relative link (sm_rel_lnk) number of an external information system (EIS) call processing data link (CPDL). A bit set to 1 in the Inks_asgnd field implies that the CPDL with the corresponding SM relative link number was assigned to the EIS represented by the eis_id key in the rLEIS_SM tuple.

The rLEISDSL tuple is keyed by sm_rel_lnk and contains the external system name (x_name, equivalent to the eis_id) that is assigned to this CPDL.

One of the following occurred:

1. An extra bit was set to 1 in the Inks_asgnd field of the rLEIS_SM tuple.
2. The eis_id value in the rLEISDSL tuple (x_name) was incorrectly modified.
3. The rLEISDSL tuple does not exist; that is, the x_name, x_link, and port attributes are all 0.

The value of Inks_on_sm should equal the number of bits set to one (1) in the Inks_asgnd field.

Data Structures:
RLEIS_SM, RLEISDSL.

Action:

Use ODBE on the SM firing this assert to modify the corrupted databased on your particular office data configuration.

165. OAASOTPRIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) originating terminal process (OTP) called the OAcruPd() function with a MGOACRUPD message that had an invalid primitive type. Most likely, the position terminal process (PTP) did not load a proper value in the primitive field of the MGOACRUPD message. This is an internal OSPS call processing problem. Save the ROP output and contact your next level of support.

166. OAATAPF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

The DAattptl() primitive failed while linking the toll and assistance (T/A) LOOP database (TALOOPDB) to the T/A operator position data block (TAPOSDB) owner. This assert schedules an elevated TALOOPDB audit, and returns to the caller.

167. OAATCMSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid common channel signaling (CCS) direct signaling message was received by the OAatcset() function for an ALLIANCE teleconferencing (add-on or meet-me) call. The message could not be understood. The message head and contents will be dumped.

168. OAATCSSD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A second start dial was received on an ALLIANCE teleconferencing call. The call will be idled. The second start dial could be the result of one of the following:

- (1) Network routing problems - the call routed non-CCS ISDN7 direct egress.
- (2) The 4ESSTM switch that serves as the host to the NSC is not running a 4E13 or later software release.
- (3) The 4ESSTM switch that serves as the host to the NSC had problems completing to the NSC.

169. OAATHCSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SDAPSDL	Audit Mode: elev

Problem:

An attempt to attach an SDAP_SDL tuple to the tail of the idle list failed. An elevated SDAP_SDL audit is scheduled and processing returns to the calling function.

170. OAATPDBINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization for the RLATPDB relation busy/idle tuple lists failed. This may temporarily or permanently prevent any or all operator service position system (OSPS) directory assistance (DA) digital services unit 2 - recorded announcement facility (DSU2-RAF) or DSU2-service announcement system (DSU2-SAS) automated announcement units on the indicated SM from providing announcements. The output message indicates the number of tuples that were successfully initialized and added to the idle list. If this number is 32 or greater, a limited number of announcements can be provided on this SM.

The total number of DA announcement channels available is the sum of the number of channels that are available on each OSPS DA SM. This can be determined by examining the trunk group associated with the OSPSDA route type (assuming all tuples have successfully initialized and all OSPS DA DSU2-RAF or DSU2-SAS units are in service). The number of available channels on the indicated SM will be equal to the lesser of the number of OSPS DA DSU2-RAF or DSU2-SAS channels on the SM and the number of tuples that were successfully initialized rounded down to the next smallest multiple of 32. For example, if the number of tuples is 45, and there are 64 OSPS DA DSU2-RAF or DSU2-SAS channels on this SM (two units), the number of available channels is 32 since 45 rounded down is 32 and 32 is smaller than the number of channels (64).

Operators on this SM will be able to transfer DA calls to any of the announcement channels in this trunk group (that is, they are not confined to announcement channels on this SM only). However, since the number of channels available is lower than the number that should be available, an increased number of calls will require verbal announcements and the overall OSPS announcement transfer performance will be degraded. The duration of this problem depends on whether the busy/idle lists can be repaired by the ATPDB audit which runs on a routine basis.

Data Structures:
RLATPDB.

Action:

The problem may be corrected automatically by a routine ATPDB audit. If the audit does not correct the problem, asserts will continue to fire and several options are available.

If a sufficient number of announcement channels are available across the entire OSPS DA system, recovery action may not be necessary. In this case, a number of OSPS DA DSU2-RAF or DSU2-SAS units on this SM should be taken out of service so that the number of units left in service, times 32, does not exceed the number of tuples successfully initialized. (This may mean that all OSPS DA DSU2-RAF or DSU2-SAS units on this SM must be taken out of service). Units are taken out of service using the RAF or SAS page on the master control center (MCC) (SM pages menu). These units should be left out of service until the problem can be corrected.

If this problem will degrade performance to an unacceptable level, a full initialization of this SM with pump must be re-attempted. This is done from the SM INH & RCVRY CNTL page on the MCC. If the problem occurs again, a memory or database problem is indicated.

171. OAATPDBLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ATPDB	Audit Mode: elev

Problem:

An attempt to play an operator services position system (OSPS) directory assistance (DA) announcement failed due to errors in retrieving an idle rLATPDB tuple. The operator to gave the announcement verbally. The ATPDB audit will be scheduled and should fix this problem.

172. OAATPUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the OAatp_init() function of the announcement terminal process. This prevented an automated operator services position system (OSPS) directory assistance (DA) announcement from being played.

173. OA_AUNEXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service terminal process (ACQS-TP) received an unexpected operating system for distributed switching (OSDS) message from the OSWEGETMSG() macro. The message is dumped.

174. OABABADACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAeetkbact() function found an invalid action in the MGBEGINACT message that it was processing. The action is out of range or simply not supported at this point in the call. The MGBEGINACT message is dumped.

Probable Cause:

The external information system (EIS) interface may have translated the external vendor message incorrectly, the OAeetkbact() function may not be supporting valid actions, or SMs may be out of synch while a software update is loaded that affects the structure layout of the MGBEGINACT message.

Action:

Contact field support personnel.

175. OABABADST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function OAeetkbact() received an invalid MGBEGINACT message with action OABEG_BILLING. The message was received on a call with an associated service that does not support this action. The MGBEGINACT message is dumped.

Probable Cause:

The external information system (EIS) interface may have initialized the message incorrectly, or the OAeetkbact() function may not be allowing this action on services that support it. Another possibility is that SMs may not be in synch while a software update is being applied that changes the values assigned to actions in the MGBEGINACT message.

Action:

Contact field support personnel.

176. OABACTCOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external vendor for message set 3 sent a begin action message containing an invalid class of charge. This assert only prints when the global variable OAeisim is on.

Probable Cause:
Vendor error.

Action:
Contact field support personnel.

177. OABAD_2TK_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAdef_npa() function that prepends a default numbering plan area (NPA) onto an operator-entered 7 digit directory number, encountered a return of DBNO_MATCH from the read of the RLFC_OPRTK relation. An rLFC_OPRTK tuple must exist for a valid trunk group; either loop_ptr->ta_data.trk_grp is not valid or the relation was corrupted. The data dumped is the trunk group number in the toll & assistance LOOP database (TALOOPDB).

178. OABADACTION (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected action code was found in the function OAevent(). The function OAevent() is defined in the file oa/OAa_ot/OAevent.c. The unexpected action code is dumped.

179. OABADARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OA trigger function was called with an invalid parameter.

Probable Cause:
Unknown.

Action:
None.

180. OABADBIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system (EIS) vendor provided billing modules when they should not have been provided. Billing should only be done on 5E6(2) software release and later type calls, it should not be done on a call using the dynamic access (DA) call type determination. To correct this problem, the vendor should not provide billing information. This assert only fires when the global variable OAeisim is turned on using ODBE or in ITS.

181. OABADBLOPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid billing option was returned by the external information system (EIS) associated with a request action for a X00 number forward check. The fwd_chk variable from the rLSRVOT tuple and the invalid billing option are dumped.

Probable Cause:

The vendor returned invalid information.

Action:

Determine the invalid billing option from the ROP output and talk to the EIS vendor.

182. OABADCALLCLASS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call coordinator - originating treatment (CCOT) or position terminal process (PTP) model found an invalid call class in the RLTALOOPDB relation. taloopdb_ptr->ta_data.call_class is not valid. The following information is dumped: the associated process block (APB) key, model ID, model state, type of input message, where message is from, far process ID, APB tag, the value switched on, and the external message header.

183. OABADCCIND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid call completion indicator was detected. The loop_ptr->cc_ind value is dumped.

184. OABADCCRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from the OAlscchk() function and passed as a parameter to the OAchkccret() function. This return is in error and cannot be corrected without code change. The unexpected return is dumped.

185. OABADCGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A carrier group ID value has been found that does not have any carriers associated with it.

Data Structures:

RLTCCID. Key field: issiddgt.

RLLECCRD. Key fields: npa, nxx.

RLLECRNG. Key fields: npa, tupnum.

RLTMP3OSPS. Key fields: key3_a, key3_b, key3_c.

Action:

A carrier group value used in static data does not have any carrier codes belonging to it. The carrier group value assigned to a calling card number and the card issuer ID are printed. No entry for this carrier group was found in RC/V View 27.69 (CARRIER CARD GRP). The carrier group value printed is determined from RC/V View 27.55 (TCR IDENTIFICATION) or RC/V View 27.68 (LEC CARD). Determine the carriers that should be allowed with this card and enter the data using the CARRIER CARD GRP view. The effect of this data inconsistency is that calling card billed calls are blocked when they might have been allowed.

186. OABAD_CLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

4 and 9 are not valid intercept class digits. The operator services position system (OSPS) originating terminal process (OTP) call processing should have detected these digits and given them appropriate error treatment. However, a function discovered them later in call processing.

187. OABADCSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Listing services calls are not allowed to have carrier selection enforcement (CSE) on.

Data Structures:

RLFC_OPRTK. Key field: tgroup.

Action:

Check RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) to verify that the CSE field has a proper value (NO) based on the trunk group number that is dumped on the ROP. If the CSE field is YES, set it to NO.

188. OABAD_DA_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from the OAtadiganl() function. The first variable in the dump specifies what digit analysis was being performed on (that is, bk#, fwd#, etc). The values are defined in the header file hdr/db/DMoadigkey.h. The second variable is the unexpected return code. The return codes are defined in oa/hdr/OAtadigrtn.h.

189. OABADDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data was out of range.

190. OABADDBFRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The current operator could not log in on an operator services position system (OSPS) operator position automated multi-leaf bulletin (AMLB) external database because an attempt to read the static database relation RLOPEXTDB failed. The user defined keys to the relation were invalid, or there are not enough database resources left to complete this transaction.

Data Structures:

RLOPEXTDB. Key fields: OSC #, serving team #, database #.

The serving team # is the number of the serving team serving this call type. The database # is the number of the database that is used for login information.

Action:

This assert is only a warning, no further action will be taken. Manual login procedures will continue if the operator cannot access the AMLB external database.

If the external database is required, take one of the following actions:

1. Check the key values in the office dependent data (ODD) for the relation RLOPEXTDB against the valid values in RC/V View 26.31 (OSPS OPERATOR EXTERNAL DATABASE ACCESS). If these values and number.
2. If there are not enough resources are available to complete the transaction, re-initialize the system (type in 52 on the master control center [MCC]). This should retrieve any available system resources.

191. OABADDCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an invalid value for dcc_pend in OACOMplete case.

192. OABADDEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The transfer request message from the directory assistance system/computer (DAS/C) contains an unknown destination ID.

193. OABADEBARET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAetkbact() function received an unexpected return from the external information system (EIS) call event point function OAbgactfl(). The unexpected return value and the MGBEGINACT message are dumped.

Probable Cause:

The OAbgactfl() function returned an invalid code, or the OAetkbact() function is not handling all valid returns.

Action:

Contact field support personnel.

194. OABADEISRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A return code from the external information system (EIS) interface primitives indicated that an unexpected return was encountered. These returns should be clearly defined between the application calling the primitive and the primitive itself. The return received will be dumped.

195. OABADERRTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) model verifies the reason found in the OAMPRNO message. The two allowable values are OAOPKEY_ERR (an operator made an incorrect keypress) and OATNKEY_ERR (an operator's keypress is currently rejected, but a subsequent keypress will probably be accepted). The OAeiserrch() function detected a reason other than the allowed values.

196. OABAD_ESC_DARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return has been received from the OAtadiganl() function. In the data dump, the first variable specifies the digit analysis that was being performed on (for example, bk#, fwd#). The values are defined in the header file hdr/db/DMoadigkey.h.

The second variable specifies the return code that was received. The return codes are defined in oa/hdr/OAtadigrtn.h. The third variable specifies the directory number that was undergoing digit analysis. The rLESPINFO tuple is dumped for the requested voice messaging service (VMS), from hdr/db/RLespinfo.h.

197. OABADEVENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event code was passed to the OAevent() function. OAevent() is in the file oa/OAa_ot/OAevent.c. The event code should be in the range defined in the file hdr/oa/OAevents.h. The unexpected event code is dumped.

198. OABAD_EXT_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid external message text was encountered. An operator services position system (OSPS) process received a message with a correct msgtype, but the text of the message is corrupted.

Data dump interpretation:

Byte-Name	Description
0,1-procno	Process number
2-pcrid	Processor ID
3-uniq	Uniqueness
4,5-type	Type of message
6-priority	Priority
7-length	Length of message text
8 ->	Message text

199. OABADHDR_ID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an operator services position system (OSPS) announcement using a digital service unit model 2 recorded announcement facility (DSU2-RAF) or DSU2-service announcement system (SAS) failed when an invalid header ID was detected. No rLANNC_HDR tuple was found for the hdr_id value passed in through the OAhdr_lang() or OAannc_lang() function.

Data Structures:

RLANNC_HDR. Key fields: application, announcement header ID.

RLLANG_TBL. Key field: lang_val.

The application type is FCL2_OSPSTA, FCL3_OSPSTA, etc. for non-English languages. The RLLANG_TBL relation maps the language value for the calling card to the application type.

Action:

The ROP output provides the `hdr_id` and the `lang_val` keys. The `lang_val` key is the language value associated with the caller's calling card. A value of 1 indicates English. A value greater than 1 indicates that a non-English language was specified for the announcement. Use RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST) to determine if an `rlANNC_HDR` tuple exists for the `hdr_id` and application type keys. If `lang_val` is 1, the application type is `FCOSPS_TA`. If `lang_val` is other than 1, obtain the application type from RC/V View 8.66 (NON-ENGLISH LANGUAGE ANNOUNCEMENT APPLICATION TYPES) using `lang_val` as the key. Insert the missing phrases via RC/V View 8.61.

200. OABADHEADER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an operator services position system (OSPS) announcement using a DSU2-DTA-RAF or a DSU2-DTA-SAS failed when an invalid header ID was detected. No `rlANNC_HDR` tuple was found for the `hdr_id` value passed in through the `OAreq_annc()` function.

Data Structures:

`RLANNC_HDR`. Key fields: application type, announcement header ID.

`RLLANG_TBL`. Key field: `lang_val`.

`RLOLSR`. Key field: `scrncode`.

In the `RLANNC_HDR` relation, the application type is `FCL2_OSPSTA`, `FCL3_OSPSTA`, etc., for non-English languages. In the `RLLANG_TBL` relation, the `lang_val` key maps the language value for the calling card to the application type.

Action:

The ROP output provides the `hdr_id` value and the `lang_val`, the language value associated with the caller's calling card. If `lang_val` is 1, the announcement language is English and the application type is `FCOSPS_TA`. If `lang_val` is not 1, find the application type via RC/V View 8.66 (NON-ENGLISH LANGUAGE ANNOUNCEMENT APPLICATION TYPES) using `lang_val` as the key.

Use RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST) to determine if an entry exists for the `hdr_id` and application type keys. If the current feature is an independent telephone company (ICO) special feature, the `hdr_id` should be 65 (with phrase #79 "Bong" tone) or 66 (with phrase #155 "Thank you for using").

If the feature is OLS-CMA, use the numbering pla area (NPA) and office code (NXX) of the back number to access RC/V View 26.2 (OSPS BACK NUMBER SCREENING) to retrieve the screen code. Use the screen code as the key to access RC/V View 26.3 (OSPS BACK SCREEN CODE TABLE) to verify that the `hdr_id` is populated. If it is, each phrase of that header should be populated in RC/V View 8.63 (ANNOUNCEMENT PHRASE LIST). Then, the header ID and all of its phrase IDs should be populated in the `RLANNC_HDR` relation via RC/V View 8.61.

201. OABAD_IMF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The intercept class digit received over an incoming intercept trunk using multi-frequency signaling was not valid for intercept.

Data Structures:

`RLDA_DIGSTRT`. Key field: `digtree`.

`RLDAPRLDGT`. Key fields: previous, digit.

`RLDAPRLFNL`. Key field: previous.

`RLDAPRMDGT`. Key fields: previous, digit.

RLDAPRMFNL. Key field: previous.
 RLDA_CONFLC. Key fields: table, digits.
 RLDA_AMBIG. Key field: table.

Action:

When an intercept call arrives over an incoming intercept trunk that uses multi-frequency signaling, the first digit received is the intercept class. 4 and 9 are not valid intercept class digits, but either 4 or 9 was received and accepted by digit analysis. The trunk group number that the call arrived over is dumped.

Use the digit analysis selector (DAS) printed as the key to access RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to determine the incoming trunk digits (INDIT) and local digits (LDIT) associated with the call. Use the INDIT and dialed digits as keys to RC/V View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) and the LDIT and dialed digits as keys to RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) to update one of these forms so that the number is identified correctly as a vacant code.

If the DAS printed is not the correct one to use for incoming intercept calls, use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to update the DAS under the INTERCEPT section.

202. OABAD_INT_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) feature execution (FEX) model received an internal message that was corrupted. The OAASSERT() macro is used with this error code; therefore, the following information is dumped: associated process block (APB) key, model ID, state of the model, type of input message, where the message is from, far process ID, APB tag, the value switched on, and the external message header.

203. OABAD_LNP_HEAD (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid stat_field data found for a location routing number.

Data Structures:

RLOLNP_HEAD, Key field: npa.

Action:

RC/V View 27.34 (OSPS LOCAL NUMBER PORTABILITY DATABASE QUERY INSERT AND DELETE) defines the status of an NPA-NXX as portable or not. The stat_field in the relation is set to an unused value. Use Recent Change to check and correct the status of the NPA-N printed.

204. OABADMORE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad value for the ospsdata tag the sending or receiving function for the MGMOREDATA message. There are two brethren functions: OAsmdata.c and OAgmdata.c.

Probable Cause:

Someone filled it in incorrectly or forgot to write code to handle the case or the ospsdata field is no good.

Action:

If the problem consistently happens, fix the function where the assert fired or fix the sending function. If the problem happens infrequently, ignore it.

205. OABADNPA (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The numbering plan area (NPA) ASCII digits were corrupted and could not be converted to binary. The first three bytes of the dump contain the NPA digits.

206. OABADNPA (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The numbering plan area (NPA) ASCII digits were corrupted and could not be converted to binary in the OAtmzone() function. The first three bytes of the dump contain the NPA digits.

207. OABADNXX (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office code (NXX) ASCII digits were corrupted and could not be converted to binary. The first three bytes in the dump are the NXX digits.

208. OABADNXX (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office code (NXX) ASCII digits were corrupted and could not be converted to binary in the OAtmzone() function. The first three bytes in the dump are the NXX digits.

209. OABADOCS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ocs_state value was encountered in the OAopsetup() function.

210. OABADOLOGINID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAtalogin() function encountered an unusual condition that prevented it from logging in any OA VDT. OAtalogin() could not read the RLOLOGINID relation. The database (DB) return code is dumped along with the RLOLOGINID buffer and a part of the position data block (POSDB).

211. OABADOPCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to route to a dynamic access (DA) recorded announcement function (RAF) announcement, an

error code was returned in the opcode field of the MGPCRAF message. The opcode field is dumped. This error code is located in the global header file under pc PCdsu2ops.h. These enumerations can be mapped to the reason for error.

212. OABADOPTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid transfer type was found in the MGOPTRAN message (msg.text.opt.tran_typ). The MGOPTRAN message and the invalid transfer type are dumped.

213. OABADPARM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to a function.

214. OABADPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAeisintrt() or OAeisextrt() function received an invalid path number to define. The path number is dumped.

215. OABADPHRASE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an operator services position system (OSPS) directory assistance (DA) announcement using a digital services unit 2-recorded announcement facility (DSU2-RAF) or a DSU2-service announcement system (DSU2-SAS) on the indicated position switching module (PSM) failed when software detected an invalid phrase ID. The phrase ID is used by the DSU2-RAF or DSU2-SAS to play the announcement.

Run a diagnostic on the DSU2-RAF or DSU2-SAS firmware to determine if there is a problem on the firmware. If so, failed tests and segment number are dumped on the ROP. Phase 7 (RAF or SAS related messages) pinpoints the firmware or hardware problem.

Data Structures:

RLANNC_HDR. Key fields: application, announcement header ID.

RLANNC_TRL. Key fields: application, announcement trailer ID.

RLANNC_DIG. Key fields: application, inflection ID.

RLPHRASES. Key fields: application, phrase ID.

Action:

Examine each rLANNC_HDR (announcement header) tuple. List all possible announcement header IDs. Access RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST) in review mode. Perform steps 1-3 for each announcement header. Perform steps 2 and 3, repeatedly, for each phrase ID found in the header. (16385 and 16386 are not phrase IDs.) The recognized phrase ID values are found in the 5ESS® Switch Translations and Dynamic Data Manual.

1. For the given announcement header, list each phrase ID that is in the header.

2. Access RC/V View 8.63 (ANNOUNCEMENT PHRASE LIST) in review mode.

3. Each phrase ID should be found and displayed correctly. If a phrase ID is invalid, make the appropriate update. Verify updates at the trunk line work station (TLWS). (See below for details.)

Examine each rIANNNC_TRL (announcement trailer) tuple. List all possible announcement trailer IDs. Access RC/V View 8.62 (ANNOUNCEMENT TRAILER PHRASE LIST) in review mode. Perform steps 1-3 for each announcement trailer. Perform steps 2 and 3, repeatedly, for each phrase ID found in the trailer.

1. For the given announcement trailer, list each phrase ID that is in the trailer.

2. Access RC/V View 8.63 in review mode.

3. Each phrase ID should be found and displayed correctly. If a phrase ID is invalid, make the appropriate update. Verify updates at the TLWS. (See below for details.)

Examine each rIANNNC_DIG (announcement digit) tuple. List all possible inflection IDs. Access RC/V View 8.60 (ANNOUNCEMENT DIGIT INFLECTION SCHEME) in review mode. Perform steps 1-3 for each inflection. Perform steps 2 and 3, repeatedly, for each phrase ID found in the inflection.

1. For the given inflection ID, list each phrase ID that is in the inflection ID.

2. Access RC/V View 8.63 in review mode.

3. Each phrase ID should be found and displayed correctly. If a phrase ID is invalid, make the appropriate update. Verify updates at the TLWS. (See below for details.)

To verify updates at the TLWS, plug a headset into the talk and monitor (T&M) phone jack and do the following:

1. Enter page 160 to display the test positions.

2. Enter 161 to select test position 1.

3. Enter 416, x, 0, 0 (where x is the PSM number) to seize a line/trunk.

4. Enter 527, x (where x is a phrase ID) to play the specific announcement. For example, phrase ID 30 plays the announcement "The number is".

5. When the announcement has completed, enter 499 to release the line/trunk, then enter 160 and 201 to release the test position.

216. OABADPOSNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position number value in the message received (transfer request or position release) by the external information system (EIS) model does not match with the value stored in the RLTALOOPDB relation. Both position numbers are printed.

217. OABADPREFDIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call coordinator - originating treatment (CCOT) or position terminal process (PTP) model found an unexpected prefix digit in the RLTALOOPDB relation; the loop_ptr->ta_data.pref_dig value is not valid.

218. OABADPROG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSRESTART() macro encountered an invalid program ID parameter.

219. OABADQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISTINFO tuple has the conf_q or sa_q attribute set to a non-zero value that is not a key into the RLCTINFO relation. Any non-zero number in these attributes must correspond to a call queue key in an rICTINFO tuple.

Data Structures:

RLSTINFO. Key field: serv_tm (serving team number).

RLCTINFO. Key field: call_type (call queue).

The ROP output provides the serving team key to the rISTINFO tuple, and the queue number from the conf_q or sa_q attribute that does not correspond to an rICTINFO tuple.

Action:

One of the following changes should be made:

- 1) Use RC/V View 21.2 (SERVING TEAM) to change the conf_q or sa_q attribute in the affected rISTINFO tuple to the value of a valid key in the RLCTINFO relation.
- 2) In the affected rISTINFO tuple, the conf_q or sa_q attribute should be set to 0. If conf_q is set to 0, verify that the emerg_conf attribute is set to DBNO.
- 3) Use RC/V View 21.22 (CALL TYPE) to add an rICTINFO tuple with the key from the conf_q or sa_q attribute.

220. OABADRANGE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid time parameter was passed to the OSTIMER(), OSWAIT(), or OSRESTART() macro. The autoquote terminal process (AQTP) cleans up some data and releases the processor.

221. OABADREQTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request type was found in the MGOPTTRAN message (msg.text.acd_data.req_type). The message will be dumped along with the invalid request type.

222. OABAD_REQ_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function OAconn_init() that initializes data associated with operator connections at position seizure, has encountered an invalid value for loop_ptr->acd_data.req_type.

223. OABADREST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason for restarting the OAeistalk() function was received. This is an error in interfacing with this function. The reason is dumped and the call is terminated.

224. OABADRET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An undefined return value was received from a function call.

225. OA_BADRETN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service system process (ACQS-SP) received an unexpected return from the OSWAIT() or OSWGETMSG() macro. The message is ignored.

226. OABADR NATM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAsrvres() function (defined in the file oa/OAeisot/OAsrvres.c) found zero time specified in the busy no answer field in the rISRVOT tuple. This field must be non-zero. The rISRVOT tuple is dumped.

227. OABADR TENUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call coordinator - originating treatment (CCOT) or position terminal process (PTP) model found an invalid route number type in the RLTALOOPDB relation. taloopdb_ptr->rte_numtype is not an allowed value.

The following information is dumped: the associated process block (APB) key, model ID, model state, type of input message, where message is from, far process ID, APB tag, the value switched on, and the external message header.

228. OABADR TYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid routing type was found in the MGTRNS_REQ message (field rte_type). This field was initialized by the external information system (EIS) terminal process before being sent to this process. Either the EIS terminal process incorrectly populated this field or it was corrupted in transit.

229. OABADSDAPPOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is an SDAP call and we expected an AP to do provisioning but routed instead to an operator. Processing cannot continue so the call must be terminated.

Data Structures:

RLAC_CQDET - RC/V View 26.9 (OSPS ACD CALL TYPE)
 RLAC_DESTX - RC/V View 26.10 (OSPS ACD CALL TYPE POOL)
 RLCTINFO - RC/V View 21.22 (OSPS RSM/CARRIER DATA).

Action:

- (1) The wrong call type was selected in RC/V View 26.9 or 26.10 or,
- (2) the wrong serving team was assigned to the call type in RC/V View 21.22.

Check to ensure that in RC/V View 26.9 for the call_orig OATO_AP, that the fields are correctly populated. The values in RC/V View 26.10 are derived from RC/V View 26.9. Check to ensure that in RC/V View 21.22, the appropriate serving team has been assigned to the selected call type.

230. OABADSML (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The key in the rLSMPTRDB tuple (obtained from the DAGETSMPTR() macro) does not match the process number in the rIPCBLA tuple. This is an unrecoverable error; the currently running process is purged.

231. OABADSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program state was encountered.

232. OABADSTINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAtalogin() function encountered an unusual condition that prevented it from logging in any OA VDT. OAtalogin() could not read the RLSTINFO relation. The database (DB) return code is dumped along with the RLSTINFO buffer and a part of the position data block (POSDB).

233. OABAD_TA_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function OAconn_init() that initializes data associated with operator connections at position seizure, has encountered an invalid value for loop_ptr->ta_data.ta_type.

234. OABADTC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid transition plan feature group D (FGD) carrier was specified. A call was dialed 950-XXXX to a feature group B (FGB) carrier that is provisioned for transition access. A transition carrier was indicated in the

rIFC_FGBCARR tuple for this FGB carrier, but no corresponding FGD carrier is defined in the RLFC_CARR relation; or the TRANS CARRIER field was not filled in. The call cannot be routed, and reorder treatment is given.

Data Structures:

RLRCFGB_CARR. Key fields: fgb_carrid, feature group=B.

Action:

Insert an FGD carrier into the office dependent data (ODD) using RC/V View 10.3 (INTER-LATA CARRIER). The key value must be the same carrier identification code (CIC) indicated in the TRANS CARRIER field of the View 10.3 page for the FGB carrier.

235. OABADTRANS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual network (VN) model had a switched on invalid transfer type in the OAMTRNS message from the NEAR process. Since the VN model stores this message and sends it to the call coordinator-originating treatment (CCOT), it may also switch on it when processing error messages after CCOT receives the OAMTRNS message. These two error messages are OAMERR and MCGTIMEOUT.

The VN model could timeout while waiting for an MGPATH_REL message from OT and switch on this to send the OAMCCA or OAMCCF message to the NEAR process. Default action is to send the OAMCCA message to the NEAR process and suicide.

The following information is dumped: associated process block (APB) key, model ID, state of the model, type of input message, where the message is from, far process ID, APB tag, value switched on, and the external message header.

236. OABAD_TRK_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIVALOFFC tuple is missing in the operator SM specified. For operator services position system (OSPS) automatic number identification failure (ANIF)/office number identification (ONI) calls, the incoming FIOPR trunk group must have a corresponding entry in the RLVALOFFC relation.

Data Structures:

RLVALOFFC. Key field: tgroup.

Action:

Use RC/V View 26.24 (OSPS NXX LIST FOR BILLING NUMBER ON ONI/ANIF CALLS) to determine if an entry exists for the corresponding trunk group. If an entry is not found, add one. This entry defines the valid office codes (that is, NXXs) for a given incoming FIOPR or DIOR trunk group for ANIF/ONI calls.

If an entry is found in View 26.24, use RC/V View 21.33 (OSPS SWITCHING MODULE GROWTH) to verify that the SM that the assert fired in is in OSPS GROUP 1 (field 6).

237. OABADTRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid transfer type was specified for an operator transfer.

238. OABADVAPHR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to play an operator services position system (OSPS) announcement using a DSU2-DTA-RAF or DSU2-DTA-SAS failed when an invalid phrase ID was detected. No rIPHRASES tuple was found with the variable phrase ID that was passed in through the OAreq_annc() function.

Data Structures:

RLPHRASES. Key fields: application, phrase ID.

RLFCNPAMAP. Key fields: NPA, NXX.

RLOLSR. Key field: scrncode.

Action:

The variable phrase ID is used in the independent telephone company (ICO) or OLS-CMA special feature. The phrase ID is not a part of the phrase list that constructs the header.

For ICO, access RC/V View 26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) with the numbering plan area (NPA) and office code (NXX) of the back number to verify that the phrase ID is populated. If it is, the phrase should be populated in RC/V View 8.63 (ANNOUNCEMENT PHRASE LIST).

For OLS-CMA, access RC/V View 26.2 (OSPS BACK NUMBER SCREENING) with the NPA and NXX of the back number to retrieve the screen code. Use the screen code to access RC/V View 26.3 (OSPS BACK SCREEN CODE TABLE) to verify that the phrase field is populated. If it is, the phrase should be properly populated in RC/V View 8.63.

239. OABADZNNEXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAZnnext() function encountered the default case of a switch. Look at the OAZnnext() function to determine which case statement is missing.

240. OABANSTIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to transfer to a recorded announcement facility (RAF) for an automated operator services position system (OSPS) directory assistance (DA) announcement failed when the announcement status indicator contained an unknown value. This will force the operator to respond verbally.

241. OABCKNUMERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not route to an operator service position system (OSPS) operator entered back number using the digit analysis selector (DAS) and trunk group indicated.

Data Structures:

RLFCNPAMAP. Key fields: bnxx, bnpacvt.

Action:

An OSPS operator tried to route to a back number that does not pass digit analysis; however, the data in RC/V View

26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) indicates that the dialed numbering plan area (NPA)-office code (NXX) can be routed to. The ROP output includes the dialed digits, the trunk group number from RC/V View 26.1, and the DAS for the trunk group.

- If this phone number should not be used for originations, use RC/V View 26.1 to set TERM ONLY to yes for this NPA-NXX.
- If this back number is for originations and terminations and the trunk group printed is not correct, use RC/V View 26.1 to correct the trunk group.
- If the trunk group is correct, review the office records using the DAS and the dialed digits to determine why it failed; then use RC/V to update the appropriate digit analysis view.

242. OABCKQZ_CRD_COC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The BACK_CARD class of charge was restricted (screened against), but not the BACK_QZ class of charge. This occurs in the class of charge modules (notably OAncoc/OAncbct). The transition strings call the OAcocck() function to check screening on the back number and in turn OAcocck() may call the OAcocrstck() function, which determines if the screening is wrong.

Action:

The call continues. No manual intervention is required. Normally an error is generated, then processing goes to the next state (normally waiting for operator action).

243. OABDBLOPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the billing option field of the MGTRNS_REQ message (MGTRNSREQ.cc_bill_opt). A complete call transfer request message was generated by the external information system (EIS) or by the unified position terminal process (UPTP) (COMPLETE SAME or DIFFERENT SOFT keys) with no class of charge specified, but the billing option field is populated with don't care.

This is invalid because a specific class of charge or a valid billing option is expected. The route type is dumped. If the route type is OACCOPER (see hdr/db/DMrtetyp.h), then the UPTP is responsible; otherwise, the EIS interface is responsible.

244. OABDBLSAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) listing services call completion capability identified an external vendor problem. This assert prints only when the global variable OAeisim is turned on. The vendor specified a billing option of "bill same" in the complete call message with a class of charge or rate class that was not valid with "bill same". The class of charge and rate class are dumped.

245. OABDCC_CR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While processing a listing services call, the external information system (EIS) provided an invalid carrier to be used for call completion. An rIFC_CARR tuple was not found for the carrier ID specified by the EIS.

Data Structures:

RLFC_CARR. Key field: carrid (FGD carrier identification code [CIC]).

Action:

There are two possible causes for this problem:

- (1) The EIS has an invalid carrier in its database. Changes must be made in that database to correct the problem. The listed number is printed on the ROP to help identify the incorrect database entry.
- (2) The EIS provided a valid feature group D (FGD) carrier to the 5ESS[®] switch, but it was not found in the 5ESS[®] switch database. Enter the FGD carrier data by accessing RC/V View 10.3 (INTER-LATA CARRIER).

246. OABDCCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Listing services call completion is activated for a trunk that does not support answer supervision.

Data Structures:

RLFC_OPRTK. Key field: tgroup.

Action:

Listing services call completion can only be activated on a trunk group that supports answer supervision. For the trunk group number printed on the ROP, call completion is activated, but data indicates that the trunk group does not support answer supervision.

Update RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS), keyed by the trunk group number, as follows:

1. If the specified trunk group does not support answer supervision, set the ANSWER SUP field to N and the CALL COMPL field to N.
2. If the specified trunk group supports answer supervision, but call completion should not be done, set ANSWER SUP to Y and CALL COMPL to N.
3. If the specified trunk group supports answer supervision and call completion should be done, set ANSWER SUP to Y and CALL COMPL to Y.

247. OABDCITP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect translation of a feature group B (FGB) call origination occurred. A call that originated on an incoming trunk was translated as TYPE CI CALL = FCTransition (instead of FCINTERIM). The call is routed as FCINTERIM, if possible; otherwise, reorder treatment is given.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V View 5.1 (TRUNK GROUP) to verify that the digit analysis selector (DAS) value for the trunk group is

correct for FGB calls. From the DAS value, use RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to determine the local digit interpreter table (LDIT).

Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) to correct the LDIT translation for this call. Make sure that all LDIT records for calls for this FGB carrier that originate on a line or (tandem) trunk in this office, are translated as TYPE CI CALL = FCINTERIM, not FCTRANSITION.

248. OABDDBNO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLOPEXTDB relation failed. An operator tried to log in to an external information system (EIS) database, but no rLOPEXTDB tuple existed.

Data Structures:

RLOPEXTDB. Key fields: db_key, ofc_num, serv_tm.

Action:

Use RC/V View 27.31 (OSPS OPERATOR EXTERNAL DATABASE ACCESS) to add an rLOPEXTDB tuple for this database, using the information from the ROP message. If this is a new database type, a new rLOPDBPARM tuple must be added to specify parameters for the database via RC/V View 27.30 (OSPS OPERATOR DATABASE PARAMETERS).

249. OABDDBNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch received an invalid database number from an operator position, caused by an operator logging into a position, or hitting a database key (MAIN DB or a softkey). The error could result from data corruption across the digital subscriber line (DSL), or a hardware (or firmware) problem in the terminal.

Action:

Diagnose the terminal and DSL. If a firmware upgrade was done to the terminal, check compatibility with switch.

250. OABDDBPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLOPDBPARM relation failed. An operator tried to log in to an external information system (EIS) database, but no rLOPDBPARM tuple existed for the database type.

Data Structures:

RLOPDBPARM. Key field: db_type.

Action:

Use RC/V View 27.30 (OSPS OPERATOR DATABASE PARAMETERS) to add an rLOPDBPARM tuple for this database type, using the information from the ROP message.

251. OABDEAINFO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAea_ani() function found an unexpected value in the ea_info (equal access [EA] signaling information) field of

the route request message. The ea_info value and the back number saved in the call record are dumped.

252. OABDEISCOC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) listing services call completion capability detected external vendor problems when the global parameter OAeisim was turned on. The vendor sent an invalid class of charge in the complete call message. The class of charge is dumped.

253. OABDELANS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OAopto_tlk() function, the unified position terminal process (UPTP) sent the originating terminal process (OTP) an MGANS_CHG message when delay answer supervision was not to be applied. Delayed answer supervision is specified by the customer on a per trunk group basis, and when selected, results in answer supervision being delayed until a vendor generated billing message is received.

The billing message was received by the UPTP, which forwarded an MGANS_CHG message to the OTP because the delay answer supervision option was selected. The OTP received the MGANS_CHG message, but did not find the del_ans bit set in the RLSRVOT relation. The UPTP should forward only one MGANS_CHG message per call. If the UPTP is not correctly updating the del_ans bit in the RLTALOOPDB relation, then subsequent billing messages will result in extra MGANS_CHG messages being sent to the OTP. Another possibility is that the del_ans field in the RLSRVOT relation was not updated or initialized correctly.

254. OABDERFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAcall_arr() function returned an unexpected value when it was called by the OAFwdck() function. The unexpected return value is dumped.

Probable Cause:

The OAcall_arr() function returned an invalid return code, or the OAFwdck() function is not accepting valid return codes.

Action:

Contact field support personnel.

255. OABDFCONN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAotrsnd() function found an invalid forward connection type in the dynamic data. This field should indicate the last forward connection type made by the operator, and is used to properly populate fields of the operator trouble report (OTR). Valid values include: forward number, conference number, and route number.

The type of connection is defaulted to forward number and the OTR is printed. The first byte of the first data dump is the invalid forward number type. The second data dump is the rITALOOPDB tuple.

256. OABDFWCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAsrv_id() function identified a service that does not support a forward number check. A forward number check occurs when the operator enters a forward number that has an associated service (e.g., Quantum) and the external vendor that provides the service is queried to determine the next action (e.g., complete the call to a translated POTS number, route the call to an external audio response unit (ARU), etc.). Only certain services support this functionality. This assert is called from the function OAfwdck().

Probable Cause:

The position terminal process (PTP) initiated a forward number check on a call whose associated service does not support that functionality.

Action:

Contact field support personnel.

257. OABDISPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAais_dp() function encountered an unexpected return code when calling the FCispdigit() function. The return code is dumped.

258. OABDISRVID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incoming intercept to operator services position system (OSPS) call that requires listing services treatment was mapped to a call type in the RLCTINFO relation with a zero service ID. This is not allowed.

Data Structures:

RLAC_CQDET. Key fields: ta_type, prefix, coin, ospsid, carrier.
 RLAC_TGRP. Key fields: ta_pcid, tgroup.
 RLAC_DESTX. Key fields: ta_pcid, destx.
 RLAIISCLS. Key field: aiscls (intercept class).
 RLCTINFO. Key field: call_type.

A description of the key fields follows:

- ta_type is the toll and assistance (T&A) type of the OSPS call
- prefix is the prefix of the OSPS call
- coin indicates a coin or non-coin call
- ospsid is the OSPS number where the call originated
- carrier is the type of carrier used on the call
- tgroup is the trunk group number
- destx is the destination index from digit analysis

Action:

A call arriving over a trunk with a trunk class of INAISTRK, had a zero service ID associated with it, based on the call type printed on the ROP. This call type should be assigned a service ID, or this was call mapped to the wrong call type.

Call type determination for intercept is defined on RC/V View 26.10 (OSPS ACD CALL TYPE POOL) and uses the following information:

CALL ORIGIN: AIS
 PREFIX: NULLP
 CARRIER: UNKWN
 COIN: N
 OSPS ID: printed on ROP
 TGN: printed on ROP
 CDI: printed on ROP

If a service ID should be assigned to this call type, access RC/V View 21.22 (CALL TYPE) to change the SVC ID field to the correct value.

If the call type is not correct, use RC/V View 26.10 to update the call type determination so that this call has a call type with a non-zero service ID associated with it.

If the CDI for this intercept class is not correct, use RC/V View 21.57 (OSPS INTERCEPT DESTINATION INDICES) to assign the correct DI. Based on the dialed digits, determine the INCPT CL, which is used as the key to RC/V View 21.57.

If no dialed digits are printed, then there was a signaling problem with the call and the CDI value was obtained from the DEST IDX field on RC/V View 8.9 (OSPS OFFICE PARAMETERS). If calls with signaling problems should be sent to reorder, change the DEST IDX to zero; otherwise, change it to a value that will be correct for call type determination use.

259. OABDLATAACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The serv_data.lata_check value in the rLOOPDB tuple was out of range; that is, it was not OALCNULL, OALCFAIL, or OALCSUCC. The unexpected lata_check value is dumped.

260. OABDLSTRAF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-intermediate switching point (non-ISP) trunk group carrying operator services position system (OSPS) listing services traffic, had an rLFC_OPRTK tuple with the ls_traf attribute set to DBNO. This is a violation of the RLFC_OPRTK relation population rules.

Data Structures:

RLFC_OPRTK. Key field: tgroup (originating trunk group).

Action:

The trunk group number is dumped on the ROP. If this trunk group was intended to carry OSPS listing services traffic, enter RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) using the trunk group number as

the key to change the LSTG SVC TRAF field to Y.

If this trunk group is not intended to be used for OSPS listing services traffic, use RC/V View 26.26 to delete the entry for this trunk group.

261. OABDOLSR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIOLSR tuple was missing. This relation is populated from RC/V View 26.3 (OSPS BACK SCREEN CODE TABLE). The decimal value of the screening code key (SCRN CODE field in RC/V View 26.3) is dumped. Most likely, the key is valid and is in the range defined in the domain DMSCRCDE.

Data Structures:

RLOLSR. Key field: screening code.

Action:

Verify that the key printed on the ROP is a valid screening code. If the key is valid, determine the back number(s) in RC/V View 26.2 (OSPS BACK NUMBER SCREENING) that reference this screening code before entering fields in RC/V View 26.3. Insert the rIOLSR tuple using View 26.3.

If the key is not valid, write an initial modification report (IMR).

262. OABDOSREAS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAccann() function was dispatched by the operating system for distributed switching (OSDS) with a reason other than OSRREPLACE. This is an unrecoverable error and results in a single process purge of the process. The reason parameter is dumped.

263. OABDPTPCOC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid class of charge was sent from the unified position terminal process (UPTP) to the originating terminal process (OTP) in a complete call transfer request message. The transfer request message is formatted by the UPTP in response to the operator selecting the COMPLETE SAME or COMPLETE DIFFERENT listing services call completion soft key. The invalid class of charge is dumped.

264. OABDRETFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAsrv_id() function returned failure when it was called from the OAfwdck() function. The failure code is dumped.

Action:

Contact field support personnel.

265. OABDRQEIS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OArequesteis() returned an invalid code when it was called by the OEvent() function. The invalid return code is dumped.

Probable Cause:

The OArequesteis() function returned an invalid code, or the OEvent() function is not accepting valid return codes.

Action:

Contact field support personnel.

266. OABDRTETYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position terminal process (PTP) external information system (EIS) model received a MGTRNS_REQ message from the EIS interface with an invalid routing type (rte_type). The message is dropped. The invalid route type and the MGTRNS_REQ message are dumped. This assert only prints when the EIS debugging global parameter OAeisim is set to DBYES on the asserting SM.

267. OABDSDAST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected digit analysis state was found in the function OAsrvdanl(). The function OAsrvdanl() is found in the file oa/OAeisot/OAsrvdanl.c. The unexpected digit analysis state, stimulus message buffer, and associated rISRVOT tuple are dumped.

268. OABDSRVID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call identified as requiring listing services treatment was mapped to a call type in the RLCTINFO relation with a zero service ID. This is not allowed.

The call was identified as requiring listing services treatment based on static trunk group data in the RLFC_OPRTK relation and digit analysis (that is, assigned a destination type of DA or LOCDA). Call type determination is based on the RLAC_CQDET, RLAC_TGRP, and RLAC_DESTX relations.

Data Structures:

RLAC_CQDET. Key fields: ta_type, prefix, coin, ospsid, carrier.

RLAC_TGRP. Key fields: ta_pcid, tgroup.

RLAC_DESTX. Key fields: ta_pcid, destx.

The ta_type attribute is the toll and assistance (T&A) type of the operator services position system (OSPS) call, prefix is the prefix of the OSPS call, coin indicates a coin or non-coin call, ospsid is the OSPS number where the call originated, carrier is the type of carrier used on the call, tgroup is the trunk group number, and destx is the destination index from digit analysis.

Action:

The call type should be assigned a service ID, or call type determination mapped this call to the wrong call type.

If the call type should be assigned a service ID, access RC/V View 21.22 (CALL TYPE) to change the SVC ID field to the correct value.

If call type determination mapped this call to the wrong call type, access RC/V View 26.10 (OSPS ACD CALL TYPE POOL). Specify LSTA in the CALL ORIGIN field. Map the prefix dumped on the ROP (in decimal form) to the PREFIX field, the station type dumped on the ROP to the COIN field, the carrier type dumped on the ROP to the CARRIER field, and the OSPS ID dumped on the ROP to the OSPS ID field. Examine View 26.10 to determine where the call type dumped on the ROP was assigned. Correct the call type mapping.

269. OABDTARET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was returned from the OAa_init() function. The return code is dumped.

270. OABDVERSION (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This error only prints when the operator services position system (OSPS) external information system (EIS) global variable OAeisim is set to DBYES (1). An incoming message had a different version ID than the version ID assigned in the rIEISCALL tuple.

The OAETPMHDR structure that contains the version ID sent in the message, the rIEISCALL tuple assigned to the incoming message, and the rIEIS_LNK tuple associated with the link that the message arrived over are dumped. The incoming message is dropped by OSPS.

Probable Cause:

The external vendor system or OSPS changed the version ID at some point in the call.

Action:

Report the problem to field support personnel.

271. OABILL_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid billing center (revenue accounting office [RAO] or regional processing center [RPC]) was found in the rao_num attribute of an rIACCSDB tuple. The OAASSERT() macro is used with this assert. The following information is dumped: associated process block (APB) key, model ID, model state, type of input message, where the message is from, far process ID, APB tag, the value switched on, and the external message header.

272. OABINTOASC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid conversion from binary to ASCII occurred.

273. OABKCN_NOT_ACQS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A back number entered by the operator on an automatic number identification failure (ANIF)/operator number identification (ONI) call resulted in conflicting information about the type of station that is found at that back number.

Some information indicates that the call is an automatic charge quotation service (ACQS) call, but other information indicates that it is a coin call. Possibly, the operator services position system (OSPS) data is incorrect or internally inconsistent, the originating office forwarded the call on an incorrect type of trunk, the operator incorrectly indicated the call was hotel when it was not, or the caller gave an incorrect back number to the operator.

Data Structures:
RLTALLOOPDB.

The oa_data.backnum.dn value is the back number entered by the operator and the ta_data.trk_grp value is the incoming trunk group number.

Action:

Determine the kind of station that is actually at this back number by calling the originating office and providing the line number in question. To determine the originating office, look at the group card in the operator services position system (OSPS) office that is the same as the trunk group number (TGN) provided by the ROP output. If the trunk is a tandem access trunk, the tandem office must determine the local office from the numbering plan area (NPA) and office code (NXX). If the trunk is a direct trunk (directly connected to a local office), the local office is specified on the trunk card. If the station at the back number is actually coin, determine if the ACQS data incorrectly includes the station. If it does, use RC/V View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE) to remove the entry from the ACQS data.

If the station at the back number is actually ACQS, determine if the originating line screening (OLS) data incorrectly indicates the station is coin. If it does, use RC/V View 26.2 (OSPS BACK NUMBER SCREENING) to correct the entry in the OLS data.

If the station type indications in the OLS and ACQS data are correct, no further action is required.

274. OABK_IS_CNACQS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A back number entered by the operator on an automatic number identification failure (ANIF)/operator number identification (ONI) call resulted in conflicting information about the type of station that is found at that back number.

Possibly, the operator services position system (OSPS) data is incorrect or internally inconsistent, the originating office forwarded the call on an incorrect type of trunk, the operator incorrectly indicated the call was hotel when it was not, or the caller gave an incorrect back number to the operator.

Data Structures:
RLTALLOOPDB.

The oa_data.backnum.dn value is the back number entered by the operator, the ta_data.trk_grp value is the incoming trunk group number, the ta_data.statn_typ value is the kind of station that OSPS thinks it should be, and the oa_data.service value is the service class that the originating line screening (OLS) data indicated.

Action:

In the ROP output, the station is COIN or automatic charge quotation service (ACQS) and the service class is "Noncoin Public" or "NonACQS Hotel".

Determine the kind of station that is at this back number by calling the originating office and providing the line number in question. To determine the originating office, look at the group card in the OSPS office that is the same as the trunk group number (TGN) provided by the ROP output. If the trunk is a tandem access trunk, the tandem office must determine the local office from the numbering plan area (NPA) and office code (NXX). If the trunk is a direct trunk (directly connected to a local office), the local office is specified on the trunk card.

If the station type printed in the ROP output is correct, the incompatible service class in OLS data must be corrected by using RC/V View 26.2 (OSPS BACK NUMBER SCREENING).

If the service class is correct and the station type incorrectly indicates COIN, determine if the OLS data indicates that the station is coin. If it does, use RC/V View 26.2 to mark the station not coin.

If the service class is correct and the station type incorrectly indicates ACQS, determine if the ACQS data incorrectly includes the station. If it does, use RC/V View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE) to remove the entry in the ACQS data.

If the service class in the OLS data and the station type indications in the OLS and ACQS data are correct, no further action is required.

275. OABK_NOT_ACQS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automatic number identification failure (ANIF)/operator number identification (ONI) call arrived on a trunk that is dedicated to automated charge quotation service (ACQS) traffic. The operator then entered a back number that was not in the ACQS database.

The originating office may have inadvertently determined this call to be an ACQS call, the ACQS database for that operator services position system (OSPS) office could be out-of-date, or the back party may have supplied an incorrect number to the operator.

Data Structures:

RLTALOOPDB. Key fields: oa_data.backnum.dn (back number entered by the operator), ta_data.trk_grp (incoming trunk group number).

Action:

The ROP output provides the numbering plan area (NPA), office code (NXX), line number (LINENO), and trunk group number (TGN).

Determine if this back number is an ACQS establishment by calling the originating office and providing the line number in question. To determine the originating office, look at the trunk group card (in the OSPS office) that is the same as the TGN provided by the ROP output.

If the trunk is a tandem access trunk, then the tandem office will need to determine the local office from the NPA and NXX. If the trunk is a direct trunk (directly connected to a local office), the load office will be specified on the trunk card. If the back number is an ACQS establishment, use RC/V View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SYSTEM) to insert an rIFC_HOTEL tuple. The key to this view is the ACQS telephone number. The information in the tuple must be provided by the local office. If the back number is not an ACQS establishment, no action is required.

276. OABLVEXCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLBLVEXCL relation has one of the following problems:

1. No tuple exists for the specified keys.
2. Not enough tuples are available based on the entries attribute in this relation.

Data Structures:

RLBLVEXCL. Key fields: NXX of the forward number, tuple number (00-15), exclusion key.

The exclusion key is obtained from the RLBLVSCRN relation and based on the numbering plan area (NPA) of the forward number.

Action:

The order of the keys listed on the ROP will be the office code (NXX), exclusion key, then tuple number. These keys indicate the rLBLVEXCL tuple that was expected when the relation was read.

If the tuple number was 0, then no tuples for these keys were found. The RLBLVSCRN relation indicated that there are exclusions for the NXX, but none were specified in the RLBLVEXCL relation. This inconsistency must be fixed.

If the tuple number is greater than 0, rLBLVEXCL tuples are missing based on the entries attribute for this NXX. The number of tuples for this NXX is equal to entries divided by 6 plus 1. This problem must be fixed by making the entries attribute equal to the number of exclusion ranges for the NXX in question.

When this error occurs, the program will deny verification to the NXX.

277. OABLVSCRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The status of an office code (NXX) in the RLBLVSCRN relation contained an invalid value. The status must be verifiable, non-verifiable, or verifiable with exclusions.

Data Structures:

RLBLVSCRN. Key field: NPA of the forward number.

Action:

The ROP lists the numbering plan area (NPA) and NXX containing the invalid value. The value specified must be changed to a legal value. The program, in this case, will allow the verify attempt to proceed.

278. OABN_MONITRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bn_monitored attribute in the RLLOOPDB relation was corrupted. The attribute is dumped.

279. OABNSCOC_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OArplyqry() function, an inappropriate class of charge (COC) generated a BNS query. The OArplyqry() function is called when the OARPLY_QRY message is received in the "wait for query/connection" state.

The COCs that generate a BNS query are COLLECT, BACK_THIRD_NUMBER, and FORWARD_THIRD_NUMBER. No other COCs start BNS queries.

Action:

The OArplyqry() function continues and moves to the next state. The APB_ptr->int_msg.text[0] and loop_ptr->coc values are dumped to help determine where the error occurred in the OArplyqry() function. No manual intervention is required.

280. OABOOL_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DMBOL attribute in the RLLOOPDB relation was not DBYES or DBNO. The attribute is dumped.

281. OABRCHKTRQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the attempt to play an automated operator services position system (OSPS) directory assistance (DA) announcement, the OAchk_treq() function of the position terminal process (PTP) returned an unexpected return code. This will cause the operator to give the announcement verbally.

282. OABRDG_FAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Problem occurred when trying to bridge onto the requested terminal process port. MCGTIMEOUT or MGr_t_fail was received.

283. OABRSN_AQTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OA_aqtp() entry function was entered with a reason other than OSRREPLACE.

284. OABRT_RPRL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received from the OAchk_rpri() function after validation was performed on the request position release message. It is assumed that message validation was unsuccessful; ignore the message.

285. OABUSYPOSEIZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) model was in the BUSY state when it received a position seizure message. This is invalid. The state of the model is changed to IDLE and the message is acted upon.

286. OACALLDUMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There may be errors in the rEISCALL tuple. The rEISCALL tuple is printed.

287. OACALLINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLEIS_CALL dynamic relation, which is associated with the operator services position system (OSPS) external information system (EIS) call processing data links (CPDLs), did not initialize properly.

288. OACALL_LIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The list of rLEISCALL tuple keys associated with a specified rLEIS_LNK tuple are dumped in the three data fields on the ROP. Each data field contains 80 keys providing a maximum indication of 240 rLEISCALL tuples linked to an operator services position system (OSPS) external information system (EIS) call processing data link (CPDL). After the keys of all rLEISCALL tuples have been displayed, the remaining key entries are populated with 0xffff.

289. OACAOVLP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) operator express trunk (private facility [PF] service class) selected a carrier that has OVERLAP set to Y. For operator express trunks in an OSPS office, the OVERLAP for the carrier must be set to N. The feature group D (FGD) carrier and the translated digits are dumped.

Data Structures:

RLFC_CARR. Key field: carrid.

Action:

Use the carrier ID dumped on the ROP and FGD to access RC/V View 10.3 (INTER-LATA CARRIER) to set the OVERLAP field to N. If the dumped digits are a SAC code, set the SAC OVERLAP field to N. If the OVERLAP and SAC OVERLAP fields are already N, contact your next level of support.

290. OACARD_4FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When the OAfcardf() function called the OAcrdanl() function, the return code was FOUR_DIGS_FAILED. (FOUR_DIGS_FAILED has a #defined value of 3.)

Card analysis found four digits, but there is not a valid forward number. This should never occur at this point in forward card processing; by this time forward number should be valid because the forward connection exists and is in the talking state.

Action:

The OAfcardf() function returns NXTSTATE (#defined value of 1) to go to the next state. No further action is required.

291. OACARDAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office data associated with a feature group D (FGD) or feature group B (FGB) carrier is missing. This can affect entry of carrier data by an operator services position system (OSPS) operator and routing of operator assisted calls by a carrier.

Data Structures:

RLFC_CARR. Key field: carrid.

RLFC_FGBCARR. Key field: fgb_carrid.

RLCRI_CRN. Key fields: carr_id, featgrp.

Action:

The ROP output provides the carrier ID and its feature group. Use RC/V View 10.3 (INTER-LATA CARRIER) to verify that an entry exists for the carrier ID printed and that a CARRIER NAME is associated with it. If this data is missing, it must be inserted.

292. OACBADPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

OApasngen has received an optional ISUP parameter that its not set up to receive.

Probable Cause:

Incorrect switch statement in the function OAcopiamp or missing code in OApasngen.

Action:

Fix the code in either function or stop sending this ISUP parameter

293. OACBCOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access the channel control block (CCB) failed.

Probable Cause:

The link between the process control block link area (PCBLA) and the CCB communication region (CCBCOM) was corrupted.

294. OACDCOC_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ineligible class of charge (COC) generated a CCD query. The CCD query result was received by the OArplyqry() function, but the wrong COC generated the query. The OArplyqry() function is called when the OARPLY_QRY message is received in the "wait for query/connection" state.

The COCs that can generate a CCD query are BACK_CARD_NUMBER, DDD_BACK_CARD_NUMBER, and FORWARD_CARD_NUMBER. No other COCs generate CCD queries.

Action:

The APB_ptr->int_msg.text[0] and loop_ptr->coc values are dumped to help determine where the error was encountered in the OArplyqry() function. The function continues and moves to the next state by returning the NXTSTATE return code.

295. OACCMODF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAaccs_init() function called the FCcreate() function to create the associated process block (APB) for the call

coordinator (CC) subprocess. The FCcreate() function returned failure.

296. OACCPCTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLCC_PCC relation which is used for international calls. An attempt was made to obtain a paired country code (PCC), but the RLCC_PCC tuple for the specific country code (CC) could not be found.

Data Structures:

RLCC_PCC. Key field: country code (CC).

The CC is in the dialed_dig field of the trunk termination (MGTK_TERM) message. The CC is converted to binary before accessing the RLCC_PCC relation; however, the CC is displayed in decimal on the ROP.

Action:

Use RC/V View 27.3 (OSPS TERMINATING CODE SCREENING & PCC FOR COUNTRY CODE) The message "ERROR: DBfrdtup() can not find tuple in RLCC_PCC relation - key = aaa", where aaa is the CC in decimal, will

297. OACCTP_PATH_ERR (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call control terminal process (CCTP) found inconsistent data used in tracking call connections.

Probable Cause:

Check data dumped to determine the problem.

Action:

Contact OSPS field support.

298. OACCTPRUNC (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call control terminal process (CCTP) run controller found an error that caused the CCTP to terminate.

Probable Cause:

Check data dumped to determine the problem. Either the 5ESS[®] switch software or adjunct software needs to be updated to fix this problem.

Action:

Contact OSPS field support.

299. OACEO_TO_NCEO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call came in on a conforming trunk, but the trunk group is marked as non-conforming.

Data Structures:

RLFC_TRUNK, RLFC_OPRTK.

Action:

The error is due to a mismatch in the signaling types indicated by the RLFC_TRUNK and RLFC_OPRTK relations. In the RLFC_OPRTK relation, the mfj_sig value is checked against the number of digits received in the back number (which includes automatic number identification [ANI] information). If the signaling is not compatible, the trunk group and member attributes from the RLFC_TRUNK relation are dumped along with whatever is known about the back number.

300. OACFCRERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global conference number carrier for an operator services position system (OSPS) conference number is not valid or can not handle a call.

Data Structures:

RLFC_CARR. Key field: carrid.

RLDNNTWK. Key fields: oanpa, oaindex.

RLFCRSMCAR. Key fields: carrier, rsm_num, featgrp.

Action:

The global conference carrier from the Glcf_carr global parameter is printed in decimal. The feature group of a global conference carrier is always D. Use the carrier ID and feature group D as keys for RC/V View 10.3 (INTERLATA CARRIER) to verify that the carrier is valid and that it is an interexchange or consolidated carrier.

If the carrier is not valid, the global parameter is not set properly. Determine the correct carrier and use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to update the conference carrier.

If the carrier is valid and the SM number printed is a remote SM (RSM), use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to check that there is an entry for this carrier, feature group D, and SM number. If an entry is not present, the appropriate RSM dependent routing data must be inserted for this carrier to be used.

If the carrier is valid, it cannot handle an operator entered conference number. The digits dialed by the operator are printed. If another carrier handles this number, use RC/V View 26.20 (OSPS CARRIER FOR OPERATOR DIALED DNS) to insert an rIDNNTWK tuple for that carrier and this NPA-NXX.

301. OACHCON_NOS (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function OAch_conn() was called to change the status of a connection, but detected an error. The errors included are an unsupported change, invalid parameters passed to the function and corrupted dynamic data.

Probable Cause:

Invalid parameters were passed to OAch_conn(), an unsupported change was tried or corrupted data was found.

Action:

Contact field support with the ROP output to determine the problem and what action should be taken. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

302. OACHDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to access the channel control block (CCB) failed.

Probable Cause:

The link between the CCB communication region (CCBCOM) and the channel data block (CHDB) was corrupted.

303. OACHK_FAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The transfer check failed and returned an invalid value. This should not happen since all cases are accounted for in the OAnprls() function and the OAtrncheck() function has a default value. Recovery is handled in the code, the call continues.

304. OACIABBK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ASCII to binary conversion (CCascbin) of the originating numbering plan area (NPA)-office code (NXX) failed during exception area determination and/or local access and transport area (LATA) mapping. The originating party's directory number from the call record calling number (billing number) or toll & assistance (T/A) loopdb.oe_data.backnum is dumped.

305. OACIABFW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ASCII to binary conversion (CCascbin) of the terminating numbering plan area (NPA)-office code (NXX) failed during exception area determination and/or local access and transport area (LATA) mapping. The terminating party's directory number from the digit analysis data block (DADB) or toll & assistance (T/A) loopdb.fwd_rt_db for operator entered operator special dialed codes (OSDC) calls is dumped.

306. OACIBBCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local access and transport area (LATA) mapping and/or exception area determination was requested from OT with other than 10 digits provided in the back number. The back number is retrieved from the call record billing number.

307. OACIDTGN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred while reading the RLTGNLEC relation.

Data Structures:

RLTGNLEC. Key field: tgn (incoming trunk group number [TGN]).

Action:

Use RC/V View 27.21 (OSPS TGN TO LEC INDEX) (or ODBE, if necessary) to verify that the RLTGNLEC relation exists. If necessary, add the relation.

308. OACIDTXT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred while reading the RLLECTEXT relation. There may be an office dependent data (ODD) inconsistency between the RLGTNLEC relation and the RLLECTEXT relation.

For every rLTGNLEC tuple with lec-index, an rLLECTEXT tuple must exist. For each rLTGNLEC tuple containing a tgn-index attribute value, a corresponding rLLECTEXT tuple may not have been found. Either the tgn-index attribute value is incorrect in the RLGTNLEC relation, or the rLLECTEXT tuple is missing.

Data Structures:

RLLECTEXT. Key field: lecidx (lec index).

Action:

Use RC/V View 27.20 (OSPS LOCAL EXCHANGE CARRIER TEXT) (or ODBE, if necessary) to check the key used for accessing the RLLECTEXT relation as output on ROP with the actual keys for this relation. Verify that the relation or the tuple exists; if necessary, add the relation or the tuple.

309. OACIEXMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure of the RLOAEXMAP relation occurred.

310. OACILATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local access and transport area (LATA) mapping was turned on (the Glatmap global parameter was DBYES) and a customer dialed or an operator entered a forward number. The RLFCNPAMAP relation had invalid data stored for the LATA number associated with the originator's (back party) number.

Data Structures:

RLFCNPAMAP. Key fields: NPA, NXX.

Action:

Turn off LATA mapping or correct the rLFCNPAMAP tuple. The ROP output consists of the back number and local digit interpreter table (LDIT) associated with the call. Use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to turn LATA mapping on or off.

Or, use the numbering plan area (NPA) and office code (NXX) to read the RLFCNPAMAP relation via RC/V View 26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS). To execute with LATA mapping on, every NPA-NXX in the operator services position system (OSPS) serving area must have the latanum field populated in RC/V View 26.1 with the same value that is populated in the RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) terminating LATA field (term_lata) for this NPA-NXX and LDIT ID.

311. OACILMIS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While local access and transport area (LATA) mapping was performed, a consistency check was made between the terminating LATA defined by the local digit interpreter tables (LDITs) in RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]), and the numbering plan area (NPA)-office code (NXX) mapping table in RC/V View 26.1 (OSPS

NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS).

Data Structures:

RLDAPRMDGT. Key field: LDIT ID.

RLDAONFLICT. Key field: LDIT ID.

RLFCNPAMAP. Key fields: NPA, NXX.

Action:

The ROP output provides the LDIT ID (which is the start index for the local digit interpreter) and the associated terminating LATA (term_lata) retrieved from the LDIT for analyzing the forward (called) number. The output also includes the dialed digits for the forward number and the LATA number (latanum) retrieved from the NPA map.

Use RC/V View 9.3 to verify the terminating LATA number for the given LDIT and dialed digits. Verify the LATA number stored within the NPA map. One or both of these values are wrong. Since network call denial (NCD) also uses the term_lata information from the LDIT, check if NCD works. If so, the NPA map value is wrong and must be changed.

Another alternative is to re-examine the entire office for LATA number values defined by both views. A LATA number is assigned for every NPA-NXX served by the operator services position system (OSPS) and represents the LATA in which the office resides. Valid LATAs are in the range 2-15 for directory numbers (DNs) served by this OSPS and should be the same in both views for all DN's in the serving area.

312. OACINMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local access and transport area (LATA) mapping was active and was attempted for an operator entered number or for a customer dialed 0+ call, but the originating (back) number's numbering plan area (NPA) and office code (NXX) are not populated in the RLFCNPAMAP relation.

Data Structures:

RLFCNPAMAP. Key fields: NPA, NXX.

Action:

The ROP output provides the back number's NPA and NXX, and the local digit interpreter table (LDIT) ID of the digit analysis translator. Use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) for the LDIT and back number NPA and NXX given to retrieve the term_lata value. Insert an rIFCNPAMAP tuple via RC/V View 26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) and populate the latanum attribute with the term_lata value.

Or, if LATA mapping is not needed on this switch, turn it off via RC/V View 8.9 (OSPS OFFICE PARAMETERS). LATA mapping is not needed on a switch.

313. OACINPAF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLFCNPAMAP relation failed.

314. OACINVBK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local access and transport area (LATA) mapping and/or exception area determination was requested with an invalid

back number. This should never happen since OA guarantees that a valid back number is available before calling digit analysis with LATA mapping and/or exception area determination turned on.

315. OACINVEA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Exception area determination was attempted on a customer entered 0+ call or on an operator entered forward number. The call was an inter-local access and transport area (LATA) call and the exception area indexes populated in the RLFCNPAMAP relation were the same. This is not allowed, exception area indexes must be different.

Data Structures:

RLFCNPAMAP. Key fields: NPA, NXX.

Action:

The ROP output provides the forward number and the back number. Use the numbering plan area (NPA) and office code (NXX) for each of these directory numbers (DNs) to access the RLFCNPAMAP relation.

Use RC/V View 26.1 (OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) to correct the exception area index and define unique indexes for each LATA. The same index may not be used in two different LATAs. Exception area characteristics are defined in RC/V View 26.4 (OSPS/ISP EXCEPTION AREAS) for each exception index defined in the RLFCNPAMAP relation.

316. OACINVF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Exception area determination and/or local access and transport area (LATA) mapping was done for a floatable route number, but the forward number was invalid. This should never happen since OA should screen the number to ensure its validity.

317. OACIOATG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Exception area determination and/or local access and transport area (LATA) mapping was performed on this trunk group. The RLFCOPR_TK relation is not populated for this trunk group.

Data Structures:

RLFCOPR_TK.

The digit analysis data block (DADB) and toll & assistance (T/A) loop data block (LOOPDB) are also involved. The trunk group from LOOPDB.ta_data.trk_grp is dumped.

Action:

Most likely the trunk group is invalid. If the trunk group is valid, it must be added to the RLFCOPR_TK relation.

318. OACIOTTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Exception area determination and/or local access and transport area (LATA) mapping was performed on this trunk group. The RLFCOPR_TK relation is not populated for this trunk group.

Data Structures:
RLFCOPR_TK.

The digit analysis data block (DADB) is also involved. The trunk group from DADB.tgroup is dumped.

Action:

Most likely the trunk group is invalid. If the trunk group is valid, it must be added to the RLFCOPR_TK relation.

319. OACKTFYL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to obtain a circuit index from RLCKTDATA, a failure occurred.

Probable Cause:

No cktdata.name was found to match the cktname from rIFC_PORTTYP

Action:

Refer to RC/V View 19.4 and 20.4

320. OACLG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid calling number was found in the RLACCSDB relation. The OAASSERT() macro is used with this assert. The following information is dumped: associated process block (APB) key, model ID, model state, type of input message, where the message is from, far process ID, APB tag, the value switched on, and the external message header.

321. OACL_UNXMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the OAcI_wann() function while attempting to set up to an announcement only channel (AOC) to play the purchase limits disconnect warning announcement. Call processing will proceed. The CL data structure (which contains the CL supervision state [cl_supv], confpath, and aoc_setup) and the message will be dumped on the ROP.

322. OACMPCRD_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLCMP_CRD relation associated with the operator services position system (OSPS) differentiation of card service charges feature was not initialized properly.

323. OACNFATI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

The OAalo_coinot() function encountered a failure when adding an rICOINOT tuple to the headcell idle list.

Probable Cause:
Unknown.

Action:
An elevated AUCOINOT audit is scheduled and processing returns to the calling function.

324. OACNINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The COINOT initialization function, called during SM initialization, failed to insert a tuple or link a tuple to the idle list.

Probable Cause:
Unknown.

Action:
None.

325. OACNLKFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:
The OAcndatsz() function encountered a failure when linking an rICOINOT tuple to the process control block link area (PCBLA). An elevated AUCOINOT audit is scheduled and processing returns to the calling function.

326. OACNNLKD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:
The OAcndatrls() function encountered a failure when unlinking an rICOINOT tuple from the process control block link area (PCBLA). An elevated AUCOINOT audit is scheduled and processing returns to the calling function.

327. OACOCENUM_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An unknown or unexpected class of charge enumeration value was encountered. This assert is used mainly in the class of charge modules OAncoc and OAncbct.

Action:
The class of charge value that is in the LOOP data block (LOOPDB) is dumped. No manual intervention is required.

328. OACONF_OP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The MGCONFOP message contains corrupted data.

329. OACONQFWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The conn_pending, qry_pending, and fwd_chk attributes in an rITALOOPDB tuple were all DBYES when the OAZNNEXT() macro was called from SDL code. These three bits should never be DBYES at the same time. The OAZNNEXT() macro called the OAZnnext() function, which called this assert.

Action:

Examine the stack back trace to determine the function that called the OAZnnext() function and why these bits are set to DBYES. Contact field support personnel.

330. OACONV_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Conversion from one type of notation to another failed (general). The structure containing the value being converted is dumped.

331. OACPSDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The entries attribute of an rLDIORCPS tuple indicated that more tuples in the RLDIORCPS relation needed to be read. However, the DBfrdtup() primitive returned DBNO_MATCH when attempting to read one of these additional tuples. The data may have been populated incorrectly for the originating country code and carrier.

332. OACPTGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAcarpic() function attempted to select the international carrier from the RLFCOPR_TK relation using the trunk group stored in taloopdb->ta_data.trk_grp as the key; the read failed.

333. OACRDAGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CRECORD	Audit Mode: elev

Problem:

The base call record DAGETCREC macro returned an invalid pointer to the base call record tuple.

Probable Cause:

A bad call ID was passed as a parameter.

Action:

The base call record audit is scheduled.

334. OACRD_NMTCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuple was found when attempting to read the RLCRD_ATTR relation using the card attribute ID printed on the ROP. This is an unexpected condition; a tuple matching this key should exist.

Data Structures:

RLCRD_ATTR. Key field: crd_attr (card attribute ID).

Action:

A data provisioning error has likely occurred. Access RC/V View 27.56 (OSPS TELEPHONE CREDIT CARD [TCR] ATTRIBUTES) using the card attribute ID listed on the ROP as the key. If the rICRD_ATTR tuple exists, an internal error has occurred; contact your local support organization.

If the rICRD_ATTR tuple does not exist, insert the tuple via RC/V View 27.56. If this is undesirable, update the corresponding tuple in View 27.55 (OSPS TELEPHONE CREDIT CARD ISSUER IDENTIFICATION) with a card attribute ID that has a matching tuple in View 27.56.

335. OACRDPRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to read the Product Type Table, but the DBfrdtup() primitive returned DBRELNAMEBAD when it attempted to read the RLCRDPRD relation.

Probable Cause:

Unknown.

Action:

None.

336. OACREXCPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is an operator services position system (OSPS) external information system (EIS) conditional removal exception report. An EIS may return a call processing interface message on an EIS call processing data link (CPDL) that is different from the one currently assigned by the 5ESS[®] switch. The switch normally changes the internal CPDL assignment when this event occurs.

Depending on the EIS interface specification, some EIS's are advised when a CPDL is marked internally for conditional removal and are not to move calls to CPDL's so marked. An EIS moved a call to a CPDL marked for conditional removal and the EIS integrity monitor flag (OAeisim) was on for the SM. The switch still honors the CPDL re-assignment. The rEIS_LNK tuple associated with the CPDL receiving the message is dumped along with a event value of 1 for link following and 2 for link takeover.

337. OACRMTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call record macro CRMTR() failed.

338. OACSCCLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An international number was dialed and the local digit interpreter table (LDIT) indicated that the country code (CC) has an invalid length. The valid size is 1 to 3 digits.

Data Structures:

The digit analysis data block (DADB) contains the carrier information structure and directory number (DN) structure.

Action:

The ROP output provides the LDIT (digit analysis start ID), the CC length, and the dialed digits of the forward number. Review the IDDD Country access code RC/V View 9.6 (IDDD COUNTRY ACCESS CODE [OFFICE DIALING]) for the given LDIT and 011 prefix, then correct the CC defined.

339. OACSEISDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup(RLEIS_DATA,&eis_data) primitive call returned DBNO_MATCH. The decimal value of the eis_id key used to access the rEIS_DATA relation is dumped.

Data Structures:

RLEIS_DATA, RLOPEISDB.

Action:

Check the validity of the key. The eis_id key is based on the eis_id field value of the retrieved rLOPEISDB tuple. Use RC/V View 21.55 (OSPS OPERATOR TO EIS AND DATABASE MAPPING) and RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM [EIS] DATA) to check for a possible discrepancy. Remove the data link tuple and re-insert the tuple with the correct information, if any.

340. OACSEISID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A previously assigned eis_id value does not match the value in the RLOPEISDB relation; could not assign listing services calls to the proper vendor. This may occur on recall because the recall queue is set up incorrectly; or the eis_id assigned to the serv_tm is incorrect. The decimal value of the eis_id in the rLOPEISDB tuple and the eis_id in the MGPOSTMRQ message are dumped.

Data Structures:

RLOPEISDB.

Action:

Check the range of eis_id values. If the eis_id value in the MGPOSTMRQ message is out of range, this is a coding error in OT.

If the eis_id values are in range, use RC/V View 21.55 (OSPS OPERATOR TO EIS AND DATABASE MAPPING) to check for a possible discrepancy. Remove the data link tuple and re-insert the tuple with the correct information, if any.

341. OACSOPEISDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup(RLOPEISDB,&opeisdb) primitive call returned DBNO_MATCH. The decimal value of the serv_id and serv_tm keys used to access the RLOPEISDB relation are dumped.

Data Structures:

RLOPEISDB, RLSERVDATA.

Action:

Check the validity of the keys. The serv_id key is based on the serv_data.serv_id field value of the MGPOSTMRQ

message, and the serv_tm key is based on the serv_tm field value of the MGPOSTRMRQ message from the ACD.

Check for possible database discrepancies. Use RC/V View 21.55 (OSPS OPERATOR EIS AND DATABASE MAPPING) and RC/V View 21.54 (OSPS SERVICE DATA FOR LISTING SERVICES CALLS) to check the validity of the rLOPEISDB and rLSERVDATA tuples, respectively. Remove the invalid data link tuple and re-insert the tuple with the correct information, if any.

342. OACSREQTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OAissetup() function, the acd_data.req_type field in the MGPOSTRMRQ message was invalid or had an unexpected value. The expected req_type values are AC_NORMCONF, AC_EMERCONF, AC_NORMTRANS, AC_OPERCONF, AC_POSCONF, AC_OPERTRANS, AC_POSTRANS, AC_NORMAL, and AC_RECALL. The decimal value of req_type is dumped. This assert indicates a coding error.

343. OACSR_NMTCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuple was found when attempting to read the RLCSR_ATTR relation using the card attribute ID printed on the ROP. This is an unexpected condition; the tuple matching this key should exist.

Data Structures:

RLCSR_ATTR. Key field: csr_attr_id (CSR attribute ID).

Action:

A data provisioning error has likely occurred. Access RC/V View 27.58 (OSPS CARRIER SPECIFIC ROUTING (CSR) INTL CREDIT CARD ATTRIBUTES) using the CSR attribute ID listed on the ROP. If an rICSR_ATTR tuple exists, an internal error occurred; contact your local support organization.

If the tuple does not exist, insert a tuple via RC/V View 27.58. If this is undesirable, update the corresponding tuple in RC/V View 27.55 (OSPS TELEPHONE CREDIT CARD ISSUER IDENTIFICATION) with a CSR attribute ID that has a matching tuple in View 27.58.

344. OACTIN_READ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while reading the RLCTINFO relation. The error was not DB_RESOURCE.

345. OACVALCE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

The rICV_STATE tuple could not be allocated or de-allocated. This implies a problem with the SM free list or idle list.

346. OACVCORD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event occurred during vector processing that implied data corruption.

347. OACVLNKE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred when allocating or de-allocating the rICV_STATE tuple, or when linking with the rIPCBLA tuple of a process.

348. OACVMPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call vectoring model OACVD received an MGTASUCCESS message. This call should have been connected to music; however, a message was received indicating that an announcement just completed.

Data Structures:

RLFC_ANOUNCE. Key field: port.

Action:

Check the port type and the machine supplying the music for a match. If the machine is an announcement unit, check the RLFC_ANOUNCE relation in RC/V View 5.1 (TRUNK GROUP) to verify that the ANNC CYCLES field is set to 0 and the BARGE IN field is set to YES.

349. OACVSDLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

A problem linking/unlinking an rICV_STATE tuple to/from an rIPCBLA tuple occurred. Data may be corrupted in one or both tuples.

350. OACVUXEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected event occurred during vector processing.

351. OADANGLECONF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) position terminal process (PTP) left an N-port conference circuit dangling. The call for which the conference circuit was allocated is no longer at the position. The conference circuit is returned to the idle list.

The data dump provides the port (2 bytes), the process number (2 bytes), the process number uniqueness (1 byte), and the SM where the conference circuit resides (1 byte).

352. OADASCVENDOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global parameter Gldasc_vendor specifies the vendor supplying directory assistance system/computer (DAS/C) service to operator service position system (OSPS) operators. Gldasc_vendor was set to an unrecognized value.

The recognized values associated with Gldasc_vendor are enumerated in the 5ESS® Switch Translations and Dynamic Data Manual. The value FCDAS_NONE indicates the absence of a vendor supplying directory assistance service. However, the value FCDAS_NONE should not be encountered since a DAS/C is apparently being used.

Action:

Use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to reset the value of the Gldasc_vendor global parameter to reflect the DAS/C vendor supplying directory assistance service to OSPS operators.

353. OAD_BADESTID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The destination ID found in an immediate transfer message is invalid; the destination ID is dumped.

354. OAD_BADFLAG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data used by the autoquote terminal process (AQTP) was corrupted.

355. OAD_BADPOSID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position ID found in the IBM message is out of range; the position ID is dumped.

356. OAD_BCTME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 30 second cyclic timer for the autoquote terminal process (AQTP) could not be set.

357. OAD_BDRSTRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSRESTART() macro returned an error code to the autoquote terminal process (AQTP).

358. OADBRBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAcntvalid() function used the DBfrdtup() primitive to read a relation, but invalid data was found in the tuple read. The relation name and the entry containing the invalid data are dumped.

Data Structures:

RLCNH_CAS, RLICNH_CAS, RLICRH_CAS.

Action:

Verify the data in the tuple for the given relation name. Use RC/V View 27.53 (OSPS CAS CONTRACT STATUS) for the RLCNH_CAS relation, and RC/V View 27.54 (OSPS CAS INVERSE CONTRACT STATUS) for the RLICNH_CAS and RLICRH_CAS relations.

359. OADBRLCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive returned failure while reading the RLCTINFO relation.

360. OADBRNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OActnvalid() function used the DBfrdtup() primitive to read a relation, but no match was found. The relation name is dumped.

Data Structures:

RLCNH_CAS, RLCNB_CAS, RLICNH_CAS, RLICNB_CAS, RLICRH_CAS.

Action:

Determine why the relation does not exist. Use RC/V View 27.53 (OSPS CAS CONTRACT STATUS) or RC/V View 27.54 (OSPS CAS INVERSE CONTRACT STATUS).

361. OAD_BSTME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSTIMER() macro returned an error code to the autoquote terminal process (AQTP).

362. OADCPSSS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine country pair screening (CPS) - special screening (SS) for a direct international originations (DIOR) call, to read the RLDCPSSS relation.

363. OAD_DASCFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DASC	Audit Mode: elev

Problem:

The RLDASC relation is full; a call ID tuple could not be inserted. The AUDASC audit is called to remove inactive process IDs in the RLDASC relation.

364. OAD_DSLFRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed to read an rLDLDSL tuple. The return value is dumped.

365. OAD_DSLNOMAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed. The global port does not exist in the RLDLDSL relation. The global port is dumped.

366. OADEACCS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete an rIACCSDB tuple. The rIACCSDB tuple key is dumped.

367. OADEAC_TMRO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitoring process timed out while waiting for a response to determine whether or not the position was de-activated as a monitor. Possibly, the position is still assigned monitoring privileges. The switch value contains the position number.

368. OAD_EMTPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OApst_init() function failed; the RLPOSDB relation is empty.

369. OAD_FDLFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfdltup() primitive failed to delete an rIDASC tuple. The return value is dumped.

370. OAD_FINFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfintup() primitive failed to insert an rIDASC tuple; the return value is dumped.

371. OAD_FRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Dbfrdtup() primitive failed to read an rIDASC tuple; the return value is dumped.

372. OADFSRVRES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized resource was requested for either release or acquisition in the function OASrvres(). The function OASrvres() is defined in the file oa/OAeisot/OASrvres.c. The list of resources requested, the associated rISRVOT tuple, and the boolean indicator of whether the resource list is for acquisition or release are dumped.

373. OAD_FUPFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfuptup() primitive failed to update an rIDASC tuple. The return value is dumped.

374. OADGT_ANA_BAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAct_diganal() function returned a value that is not in the associated header file. This may indicate a memory problem since there is a default return value to cover the case of dropping through the function.

375. OADIGCOSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAtacar_sel() function is entered if the class of service is a value found in a feature activation table (FAT). However, the OAtacar_sel() function had a class of service with an unexpected value that is not listed in the FAT.

376. OADIGKEYERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAtadignl() function prepares for digit analysis for an operator services position system (OSPS) call. The key used to start digit analysis was not recognized.

377. OAD_INCRSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect reason field was passed to the OA_dtp() function. The reason field is dumped.

378. OADINGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed initialize the Glnbst global parameter using the DBrfgparm() primitive when it was called from the OAdat_init() function in oa/OAfex/OAdatinit.c.

379. OADINGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glnbst global parameter using the DBrfgparm() primitive when it was called from the OAdat_init() function in oa/OAfex/OAdatinit.c.

380. OADINGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the Gloop global parameter using the DBrfgparm() primitive when it was called from the OAinloopdb() function in oa/OAfex/OAdatainit.c.

381. OADINGP4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gloop global parameter using the DBrfgparm() primitive when it was called from the OAinloopdb() function in oa/OAfex/OAdatainit.c.

382. OADINGP5 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gloop global parameter using the DBrfgparm() primitive when it was called from the OAinloopdb() function in oa/OAfex/OAdatainit.c.

383. OADINGP6 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gloop global parameter using the DBrfgparm() primitive when it was called from the OAinloopdb() function in oa/OAfex/OAdatainit.c.

384. OAD_INITFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OApst_init() function failed due to a DBstfst() or DBstnxt() primitive failure. The return value is dumped.

385. OAD_INVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received from the directory assistance system/computer (DAS/C). The message type is dumped.

386. OAD_INVPRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid process number (dalbkey) was found in the data link entry.

387. OAD_INVST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state flag was set to an invalid state. The state flag is dumped.

388. OADIORCPS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine country pair screening (CPS) for a direct international originations (DIOR) call, but the DBfrdtup() primitive returned DBRELNAMEBAD when it attempted to read the RLDIORCPS relation.

389. OADIRCERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The direct connect directory number (DN) associated with an incoming intercept direct connect trunk is not valid.

Data Structures:

RLFC_TDIRC. Key field: port.

Action:

If this trunk only has initial intercept calls on it, then the direct connect DN must be one of the following values:

- 6 for operator number identification (ONI) regular
- 7 for ONI blank
- 8 for ONI trouble

The data printed on the ROP consists of the intercept trunk group number, the intercept trunk group port number and module, and the digits associated with the trunk. Check the direct connect DN specified on RC/V View 5.1 (TRUNK GROUP). Update this direct connect DN from its current, incorrect value to the single digit 6, 7, or 8. RC/V View 5.1 is keyed by trunk group number.

If the data on RC/V View 5.1 is correct, then the RLFC_TDIRC relation, keyed by the trunk group member port and module numbers, is not correct.

390. OAD_LSNOMAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAldsh() function failed; the global port does not exist in the RLDLDSL relation.

391. OA_DNMSGTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) timed out waiting for the MGAQDN message. This message contains the directory number for the automatic charge quotation service (ACQS) establishment from the autoquote terminal process (AQTP).

392. OADNNERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The carrier identified in the RLDNNTWK relation could not handle an operator entered conference number.

Data Structures:

RLFC_CARR. Key field: carrid.

RLFCRSMCAR. Key fields: carrid, rsm_num, featgrp.

RLDNNTWK. Key fields: oanpa, oaindex.

Action:

The carrier ID from the RLDNNTWK relation is printed in decimal. Use the carrier ID and feature group D as keys to RC/V View 10.3 (INTERLATA CARRIER) to verify that the carrier is valid and is not an international carrier. If the data in this view is not correct, update it. If the data is valid, the carrier can not handle the call to the dialed digits printed.

If the SM number printed is a remote SM (RSM), use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to verify that an rFCRSMCAR tuple exists for this carrier, feature group D, and RSM number. If the carrier is valid and should handle this call, but does not have an entry in View 26.22, determine the routing data needed and insert an rFCRSMCAR tuple.

If the carrier is not valid or if it should not handle calls to this NPA-NXX, use RC/V View 26.20 (OSPS CARRIER FOR OPERATOR DIALED DNS) to update the RLDNNTWK relation with the correct carrier, or remove the tuple specifying this carrier so that the global default conference carrier will be used.

393. OAD_NPAFLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed to read an rINPA_HEAD tuple. The numbering plan area (NPA) number is dumped.

394. OAD_NPANXFLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed to read an rINPA_NXX tuple. The first four digits of the npa_nxx value is dumped.

395. OADNRA_C7ER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) DIOR NRA call attempted to route to a non-CCS7 trunk. Since DIOR NRA calls cannot be routed via a non-CCS7 trunk, this call will not be completed.

Data Structures:

RLDNRARTE - Key fields: INWATS NPA, office code, line number.

Gldnrade - destination index

Gldnrarte - route index

Action:

DIOR NRA calls must route only to common channel signaling system 7 (CCS7) trunks; routing to non-CCS7 trunks is blocked. An OSPS DIOR NRA call passed digit analysis and routing, but routed to a non-CCS7 trunk. The ROP output includes incoming and outgoing trunk numbers, the forward number, the DIOR NRA translated routing number, the destination index, and the route index.

396. OADNSTART (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The starting point (position of the first digit that will be displayed) of the number the operator dialed is greater than the number of digits left over from digit analysis. Therefore, no digits will be displayed at the operator's position. These values are specified in the RLOAODISP relation.

Data Structures:

RLOAODISP. Key field: display index. The ROP output provides the display index key, the starting point of the digits to be displayed, the digit count (the number of digits left over from digit analysis), and the trunk group number.

Action:

Use RC/V View 21.1 (OSPS ADMINISTRATIVE OFFICE PARAMETERS) and View 21.26 (SEIZURE) to change the rLOAODISP tuple for the display index specified in the ROP output.

Change the starting point to allow the desired number of digits to be displayed. Decrease the starting point so that the digit count minus the starting point equals the number of digits to be seen by the operator.

397. OAD_OSENOTCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cyclic timer failed; could not allocate a timer control block (TCB).

398. OAD_OSERANGE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cyclic timer failed; the timer was out of range.

399. OAD_OSSENDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed; could not send an operating system for distributed switching (OSDS) message.

400. OAD_OSTMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() macro timed out; the cyclic timer was not running.

401. OAD_OSWGETFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() macro failed.

402. OAD_POSFRDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed to read an rIPOS_LPRT tuple. The position ID is dumped.

403. OAD_POSIDNTSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position ID in the rIPOSDB tuple does not match the position ID in the rIPOS_LPRT tuple. The position ID is dumped.

404. OADPTF_C7ER (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An Operator Services Position System (OSPS) DIOR PTF call attempted to route to a non-CCS7 trunk. Since DIOR PTF calls cannot be routed using a non-CCS7 trunk, this call will not be completed.

Data Structures:

RLDPTFRTE - Key fields: INWATS NPA, Office Code, Line Number

Gldptfdest - destination index

Gldptfrte - route index

Action:

DIOR PTF calls must route only to common channel signaling system 7 (CCS7) trunks; routing to non-CCS7 trunks is blocked. An OSPS DIOR PTF call passed digit analysis and routing, but routed to a non-CCS7 trunk. The ROP output includes incoming and outgoing trunk numbers, the forward number, the destination index, and the route index.

405. OAD_REINTLNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The directory assistance system/computer (DAS/C) terminal process (DTP) initialization or message handling could not continue. DTP calls this purging assert to allow re-initialization of the data link to occur.

406. OAD_RTNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The directory assistance system/computer (DAS/C) terminal process (DTP) received a returned message from the DAS/C; the message type is dumped.

407. OAD_SRSPFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAsys_rsp() function failed due to accessing a global port, or the PSol3send() function failed; the return value is dumped.

408. OAD_STATFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAstat_mon() function failed because a directory assistance system/computer (DAS/C) digital subscriber line (DSL) global port was accessed or the PSol3send() function failed. The return value is dumped.

409. OAD_UNACMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unaccepted IBM messages; dump the message type.

410. OAD_UNEXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The directory assistance system/computer (DAS/C) terminal process (DTP) received an unexpected operating system for distributed switching (OSDS) message from the OSWGETMSG() macro. The message is dumped.

411. OAE_ACTIONFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While translating an external information system (EIS) operating system for distributed switching (OSDS) internally-formatted message into the specified external message set format, the action field value in the internal message structure was unexpected for the particular message type to be sent. The unexpected action value is dumped along with the OSDS message ID (message type) and the external message set number. The valid enumerations for the action field are found in oa/hdr/OAeis_act.L.

412. OAEATRETBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown return value was returned from the dynamic access (DA) "Add EIS call to the EIS link" function. This occurred while trying to add an external information system (EIS) call tuple to the tail of an EIS link tuple. The return value will be dumped.

413. OAEBADDBREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The "DB fast read tuple" primitive returned an unexpected value in the "EIS get SM" function. The return value is dumped.

414. OAEBADMSGTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAcomsend() function received a request to send a message with a message type that it can not understand.

Valid message types are MGDISCNTL, MGREQ_ACT, MGPORT_SEL, MGDENY_ACT, MGPOS_RLS and MGPOS_SEIZ. The invalid message type is printed.

415. OAEBADPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was detected on entry to one of the operator actions (OA) external information system (EIS) functions. The parameter is printed.

416. OAEBPRONO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

The external information system terminal process (EIS-TP) process number found in an EIS link tuple was out of range (<1||=>DBQNPCBLA). The process number is dumped and the EIS link audit is initiated.

417. OAE_BSCSUX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAtedisdata() or OAtedisdsl() external information system (EIS) trigger functions associated with the RLEIS_DATA and RLEISDSL static relations, respectively, found an rIORTLA tuple with an unexpected basic state (bsc_state) value. Each trigger function returns a failure code that causes the database (DB) subsystem to issue the DBTRIGFAIL assert that specifies the relation name and the trigger's return code value. This assert dumps the key (port) and the unexpected bsc_state value of the offending rIORTLA tuple.

418. OAECALTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISCALL	Audit Mode: elev

Problem:

An error occurred while adding an external information system (EIS) call tuple to the tail of a set associated with the EIS. The dynamic access (DA) "add EIS call to tail of EIS link" function returned a value of "bad address" meaning that the tuple is already a member of a list. Before adding the tuple to the list, it should have been removed from its current list. The tuple will be dumped.

419. OAE_CIDMM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) call ID indicated within the local EIS data block (LEDB) does not match the EIS call ID specified in the rIEISCALL tuple. This may occur when an earlier call allocated an rIEISCALL tuple, returned the tuple to the RLEISCALL resource idle list, and a new call accessed the tuple once again; but the EIS or the 5ESS[®] switch attempted to use this rIEISCALL tuple for the "old" call.

This error may also happen if the key to the rIEISCALL tuple was corrupted. The key is the SM relative call ID; that is, the call ID relative to the SM where the EIS call processing data link (CPDL) was allocated. The EIS call ID from the LEDB and the rIEISCALL tuple are dumped.

420. OAEDBRETINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) called the "DB set cardinality" function during conditional removal and received an error return value. The return is either "DB set name bad" or an unknown return code. The return value is dumped.

421. OAEDIEJOBBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while scheduling an integrated services port administrator (ISPA) job in the "EIS terminal process terminate" function. The terminal maintenance (TM) ISPA job handler function returned failure or an unknown return value signifying that the call processing data links (CPDL) removal job was not scheduled. The return value, the ISPA input buffer, and the job ID will be dumped.

422. OAEDPBBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An inconsistency occurred in retrieving the rIDPB tuple associated with an external information system (EIS) call processing data link (CPDL). The port used as a parameter to the "DA get DPB" macro does not match the port in the retrieved rIDPB tuple. The port from the rIDPB tuple and the port used as a parameter to the macro, which is from the feature data block (FDB) of the EIS terminal process (EIS-TP), are dumped.

423. OAE_EISIDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system identification number (EIS ID) was outside of its defined range (0 to 16, inclusive). The unexpected EIS ID is dumped.

424. OAEFDBMSINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The external information system (EIS) found an invalid message set ID in the feature data block (FDB) of the process that called this function. The message set ID is dumped.

425. OAEFLAGSBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The flags used by the external information system terminal process (EIS-TP) to determine the conditional removal state of its call processing data link (CPDL) are invalid. The conditional remove active and ignore conditional remove flags from the feature data block (FDB) are both set. These flags should not both be set at the same time. The conditional remove state, which is calculated from the settings of these flags, is dumped.

426. OAEGKBADID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: EISLKSEL	Audit Mode: elev

Problem:

In the `OAeis_glnk()` function, a link to an external information system (EIS) was selected for the next call. When the link tuple was retrieved, the `eis_id` field did not match the value passed to this function. Both `eis_id` values will be printed. An EIS link select audit will be scheduled.

427. OAEGLPIDBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An inconsistency was found while comparing the process ID of an external information system terminal process (EIS-TP) with the EIS link's process ID in the "get EIS link pointer" function. The EIS-TP's process ID, which was determined by calling the OS "get PID" macro, was not equal to the EIS link's process ID. Both process IDs will be dumped.

428. OAEGLPTRBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An inconsistency was found while trying to access a pointer to the external information system (EIS) link tuple associated with an EIS terminal process (TP) in the "get EIS link pointer" function. The EIS link's SM relative link does not agree with the feature data block's (FDB's) SM relative link. Both SM relative link values are dumped.

429. OAEHBTMROOR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The external information system (EIS) heartbeat function requested an operating system for distributed switching (OSDS) timer while attempting to send an EIS request heartbeat message to the EIS. The EIS message delay field in the feature data block (FDB) of the process that called this function was used as an element of the calculated time parameter.

The OSDS timer function returned a value of error range, meaning that the time parameter calculated using EIS message delay was out of range. The EIS message delay field is dumped.

430. OAEHBTYPEINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the common "EIS message set X heartbeat message" functions was passed an invalid heartbeat message type parameter. The heartbeat message type is dumped.

431. OAEHUNGTOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A hung external information system (EIS) call tuple was found by the EIS system process (EIS-SP). The controlling terminal process associated with the EIS call tuple is no longer controlling this call. This assert only occurs if the EIS integrity monitor is on. The EIS call tuple is dumped.

432. OAEIDOOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) ID passed to one of the common EIS functions was out of range. The EIS ID is dumped.

433. OAEIETPR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An inconsistency was detected in the external information system terminal process (EIS-TP) process ID (PID) value found in the EIS link tuple and the EIS call tuple. The inconsistent values will be printed and an audit will be scheduled.

434. OAEIKECT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISCALL	Audit Mode: elev

Problem:

The DAGETCALL() macro returned a tuple that had an inconsistent key value. The key that was used to obtain the tuple and the key in the tuple are printed. An EISCALL audit is scheduled.

435. OAEIKELN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

The DAGETLNK() macro returned an external information system (EIS) link tuple that had an inconsistent key value. The key that was used to obtain the tuple and the key in the tuple are printed. An EIS_LNK audit is scheduled.

436. OAEIKELS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISLKSEL	Audit Mode: elev

Problem:

The DAGETLKSEL() macro returned an external information system (EIS) link select tuple that had an inconsistent key value. The key that was used to obtain the tuple and the key in the tuple are printed. An audit is scheduled.

437. OAEINTINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) failed to establish an interface with an EIS for a new call. The assert is only called when the EIS integrity monitor global variable is on. The incoming message associated with this new call is dumped.

438. OAEIPRNO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

The external information system terminal process (EIS-TP) process number was not consistent between the rIPCBLA tuple and the EIS link tuple. The two values are printed and an EIS link audit is scheduled.

439. OAEIRHCAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive called to obtain an EIS call tuple from the head of the list returned DBNULL_SET. No audit was scheduled.

440. OAEISERCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert only prints when the global external information system (EIS) flag OAeisim is set to DBYES (1). The number of errors encountered during a call processing session with an EIS exceeded the threshold. The call is terminated to prevent looping errors that may occur if communication with the vendor continues. The message set ID is dumped.

441. OAEISINVPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The "OS send message" macro returned a value indicating the supplied receiver's process ID is invalid for the calling external information system (EIS) process. The return value and process ID of the receiving process are dumped.

442. OAEISLNGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The "OS send message" macro returned a value indicating that the calling external information system (EIS) process tried to send a message that is too long for the operating system for distributed switching (OSDS) or for the receiving process. The return value, process ID of the receiving process, and OSDS message length are dumped.

443. OAEISLPCNTBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) model detected that the eis_loopdb_ct value in the RLTAPOSDB relation is out of range (<0 or >1). The actual value will be printed.

444. OAEISMCID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected in the SM relative call ID value. The value will be printed.

445. OAEISMVCL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) system interface function OAmov_call() was passed a pointer to the rEIS_LNK tuple representing the call processing data link (CPDL) from which the call is being moved, and a pointer to the rEIS_CALL tuple that was assigned to the call.

The rIEISCALL tuple should be a member of the set currently owned by the rIEIS_LNK tuple from which the call is being moved, but this is not the case.

446. OAEISNOLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert only prints when the global external information system (EIS) debug flag OAeisim is set to DBYES (1). A vendor incoming message could not be associated with an internal EIS call processing link. When an incoming message is received, two 5ESS[®] switch internal data structures are accessed - the data associated with the call and the data associated with the call processing link assigned to the call.

The call related data was accessed successfully, but the call processing link data was not found. The message was late (that is, the switch cleared its data before the message was processed), or the vendor did not correctly specify the switch area data in the incoming message. The incoming message and the rIEISCALL tuple associated with the call are dumped. If the error was encountered in the EIS terminal process OAetpnrmmsg(), the rIEIS_LNK tuple is also dumped; otherwise, the message set ID is dumped.

447. OAEISNORES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The "OS send message" macro returned a value indicating a resource failure to the calling external information system (EIS) process. This assert is only called when the EIS integrity monitor global variable is on. The return value and process ID of the receiving process are dumped.

448. OAEISRETUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The "OS send message" macro returned an unknown return value to the calling external information system (EIS) process. The return value is dumped.

449. OAEISRLNO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An inconsistency was detected in the SM relative link number of the rIPCBLA tuple and the external information system (EIS) link tuple. The two values are printed and an EIS link audit is started.

450. OAEISUNXMSG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in the operator actions software interacting with an external information system (EIS). Data dumped about the call is the message or the dynamic data about the call. The action that is taken depends on the code that is executing at the time the message is received. If the message is from the far process or a far process does not exist, the call is terminated. If the message is from an unknown process, the message is ignored and processing continues.

451. OAEISUNXMSG (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in the operator actions software interacting with an external information system (EIS). The message is dumped. The action that is taken depends on the code that is executing at the time the message is received. If the message is from the far process or a far process does not exist, the call is terminated. If the message is from an unknown process, the message is ignored and processing continues.

452. OAEL3SEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system (EIS) function received an error return code from the packet services (PS) sending function while attempting to send a message. The return value was unknown or indicated that one of the parameters passed to the PS sending function was invalid. The return value, rIDALB tuple key, and message size are dumped.

453. OAELMSINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An external information system (EIS) function found an invalid message set ID in the EIS link tuple associated with its call processing data link (CPDL). The message set ID is dumped.

454. OAELPRETBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to traverse a "TA loop db" linked list in search of an external information system (EIS) call's SM relative call ID during EIS system process (EIS-SP) hung tuple processing. A dynamic access (DA) function returned an unknown return value. The return value is dumped.

455. OAELSINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISLKSEL	Audit Mode: elev

Problem:

An inconsistency occurred when retrieving an external information system (EIS) link select dynamic tuple. The EIS ID used as a parameter to the "DA get EIS link select" macro does not match the EIS ID in the retrieved EIS link select tuple. The EIS ID used as a parameter to the macro and the EIS ID from the tuple are dumped.

456. OAEMIECI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the data in the received message's local external information system (EIS) data block (LEDB) and the EIS call tuple data. The EIS call ID value is not consistent. Both EIS call ID values are printed.

457. OAEMIEID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the data in the received message's local external information system (EIS) data block (LEDB) and the EIS link tuple data. The EIS ID is not consistent. Both EIS IDs are printed.

458. OAEMIESM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the SM value in the received message's local external information system (EIS) data block (LEDB) and in the GI_pcrd global parameter. The LEDB SM value and the contents of the GI_pcrd parameter are printed.

459. OAEMIMSID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the data in the received message's local external information system (EIS) data block (LEDB) and the EIS link tuple data. The message set ID is not consistent. Both message set IDs are printed.

460. OAEMISID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the data in the received message's local external information system (EIS) data block (LEDB) and the EIS link tuple data. The switch ID value is not consistent. Both switch ID values are printed.

461. OAEMISRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the data in the received message's local external information system (EIS) data block (LEDB) and the EIS call tuple data. The SM relative call ID is not consistent. Both SM relative call ID values are printed.

462. OAEMIVEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected by the OAMsgck() primitive between the data in the received message's local external information system (EIS) data block (LEDB) and the EIS link tuple data. The vendor information is not consistent. Both vendor IDs are printed.

463. OAEMLCOOR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

The maximum link capacity field of an external information system (EIS) link tuple was zero. This is invalid since this field is used as a divisor during the calculation of the approximate usage of an EIS call processing data link (CPDL).

464. OAE_MSGSETIDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface detected an invalid external message set ID. The message set ID is used to determine how to convert the internal EIS operating system for distributed switching (OSDS) message structure into the external format used by the particular EIS assigned to the call. The invalid message set ID value is dumped.

465. OAEMSGVIOL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the external information system (EIS) for service code OASRV5 (specialized handling for 700 numbers), for service code OASRV7 (inmate calling services) or for service code OASRV8 (AATLSOS automated access prompting with CDSU), the number of errors detected by the switch in communicating with the external vendor on this call exceeded the threshold of one.

466. OAEMSGVIOL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the external information system (EIS) for service code OASRV5 (specialized handling for 700 numbers), for service code OASRV7 (inmate calling services) or for service code OASRV8 (AATLSOS automated access prompting with CDSU), the number of errors detected by the switch in communicating with the external vendor on this call exceeded the threshold of one. For service code OASRV9 (OSPS interface to Harris Operator System), this identifies a message received by the switch in the wrong state.

467. OAEMSGVIOL (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the external information system (EIS) for service code OASRV5 (specialized handling for 700 numbers), for service code OASRV7 (inmate calling services) or for service code OASRV8 (AATLSOS Automated Access Prompting with CDSU), the number of errors detected by the switch in communicating with the external vendor on this call exceeded the threshold of one.

468. OAENODALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The "EIS get DALB" function tried to access an rIDALB tuple associated with the process number passed as a parameter. The rIDALB tuple was not found. The return value from the "DA follow PCBLA to DALB" function will be dumped along with the process number.

469. OAENOEISDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rEIS_DATA tuple is missing. Most likely the key is valid, but the tuple is missing from the database. The decimal

value of the external information system (EIS) ID (eis_id) key used to access the RLEIS_DATA relation is dumped.

Data Structures:

RLEIS_DATA. Key field: eis_id.

Action:

Verify that the eis_id key printed on the ROP is a valid EIS ID. If the key is valid, access RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM [EIS] DATA) to insert the rLEIS_DATA tuple with this key. If the key is not valid, write an initial modification request (IMR).

470. OAENOESM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No bit was set in the preoper portion of an rLEIS_DATA tuple. The preoper portion is a bit map representing whether or not an SM is available for pre-operator external information system (EIS) functionality.

EIS pre-operator functionality was attempted, but no EIS SMs were assigned to provide this functionality. The decimal value of the eis_id key used to access the RLEIS_DATA relation is dumped.

Data Structures:

RLEIS_DATA. Key field: eis_id.

Action:

Use RC/V View 21.52 (OSPS SM SPECIFIC DATA FOR EIS) to verify that at least one EIS SM is available to handle pre-operator functionality for the associated EIS and asserting SM. If none are available, update the view so that at least one EIS SM is available for pre-operator functionality.

471. OAEQPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Feature control (FC) has this bad habit of forwarding MGINTERRUPT messages to the far process. When the position terminal process (PTP) has a connection with a FC process that receives an interrupt. Luckily, we can catch these cases by examining the gport field in the message and compare it to the PTP port. The comparison is performed in OAEqport() by reading RLFC_PORTYPE to obtain a portindex. The portindex specifies whether the port was a D or B port. A failure occurred while reading RLFC_PORTTYP.

Probable Cause:

Tuple does not exist for the port used as key to read FC_PORTTYP.

Action:

Populate RC/V View 21.30 with the appropriate digital subscriber line (DSL) port.

472. OAER0CCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine the country name for a country code, but database read did not recognize the RLCC_NAME relation.

473. OAER1AATOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to make a 1+800 alternate access to operator services/software defined network (AATOS/SDN) network remote access (NRA) call, but the feature is turned off or the feature activation parameter is set to a trunk group and member number that are not the same as the trunk group and member number over which the call originated. The call will be sent to reorder.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

RLFC_OPRTK. Key field: tgroup.

Action:

Use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to determine if the AS FEATURE WORD field equals N. If it does, set this field to Y in the AATOS/SDN NRA section of the view.

If the AS FEATURE WORD field equals "T aaaa bbbb" where T indicates test mode, aaaa is the trunk group number, and bbbb is the trunk group member number:

1. Obtain the trunk group number and trunk group member number from RC/V View 5.5 (TRUNK MEMBER).
2. Change the "aaaa" and "bbbb" in RC/V View 8.9 to match the trunk group number and trunk group member number in RC/V View 5.5.

474. OAER1CCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine the country name for a country code, but no entry was found for the country code.

Data Structures:

RLCC_NAME. Key field: country code.

Action:

Determine if this is a valid country code, according to the rules associated with RC/V View 27.7 (OSPS COUNTRY NUMBER TO COUNTRY NAME MAPPING) for specifying country codes. If the code is valid, add this country code and the name of the country using RC/V View 27.7.

475. OAER2AATOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to read an rLSERVDES tuple, but the tuple was not found or the key used to read the relation was incorrect. The call will be sent to reorder. This rLSERVDES relation is used by the alternate access to operator services/software defined network (AATOS/SDN) network remote access (NRA) feature.

Data Structures:

RLSERVDES. Key field: SSCWXY.

The SSCWXY key is the first six digits of the signaled forward number. servind is a required field.

Action:

If the SSCWXY key is a valid value, add this SSCWXY and the servind in RC/V View 27.70 (OSPS SERVICE DESIGNATION FOR 1+800 AATOS/SDN NRA OR AATLSOS CALLS).

476. OAER2CCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine the country name for a country code, but the name retrieved was blank.

Data Structures:

RLCC_NAME. Key field: country code.

Action:

Determine the name of the country associated with the printed country code. Use RC/V View 27.7 (OSPS COUNTRY NUMBER TO COUNTRY NAME MAPPING) to provide a name that can be displayed to the operator.

477. OAER3CCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAcountry() function was called with an invalid parameter; a request was made to display the country name for an unsupported or invalid directory number type.

478. OAER4CCNAME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine whether direct international originations (DIOR) automated sequence calls are allowed for a specified country code, but the database read did not recognize the RLCC_NAME relation.

479. OAERANNC_HDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to obtain phrases for a header ID from the RLANNC_HDR relation, but the DBfrdtup() primitive returned DBRELNAME_BAD.

480. OAE_REASONFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While translating an external information system (EIS) operating system for distributed switching (OSDS) internally-formatted message into the specified external message set format, the reason field value within the internal message structure was unexpected for the particular message type to be sent.

The unexpected reason value is dumped along with the OSDS message ID (message type) and the external message set number. The valid enumerations for the reason field are found in uhdr/db/DMeis_reas.G.

481. OAERHRETBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to remove an external information system (EIS) call tuple from a list. The dynamic access (DA) "remove EIS call from head of EIS link" function returned an unknown return value. The return

value will be dumped.

482. OAERLANG_TBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive returned failure when trying to read the RLLANG_TBL relation. The return value, the value of the key, and the language value (indicating the language to be used for the announcement) are dumped.

The language table is in RC/V View 8.66 (NON-ENGLISH LANGUAGE ANNOUNCEMENT APPLICATION TYPES) and the valid range for the language value is 1 through Gllop_max (see the MAX LOP field in RC/V View 8.9 [OSPS OFFICE PARAMETERS]).

Probable Cause:

The data read error occurred due to an invalid relation name or other invalid data.

483. OAE_RLSFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) position release call event function OAeisprls() was called with an invalid release reason; valid values are defined in uhdr/db/DMrls_reas.G. The invalid release reason is dumped.

484. OAERPHR_LANG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to obtain a non-English phrase ID from the RLPHR_LANG relation, but the DBfrdtup() primitive returned DBRELNAME_BAD.

485. OAERRDSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was fired when the macro RTGETD() was invoked to obtain the D-port for a database session. The utility function Rlgetd() failed due to a SYSERROR, or some other error besides DBNO_MATCH, while an attempt was being made to obtain a UNIT_CKT or CKT_PORT tuple. This assert could fire under the following circumstances:

- 1) When a database session is being established for a strike login.
- 2) When a database session is being established for a non-strike login.
- 3) When the Main DB key or a database soft key has been hit in to access an external database.

486. OAERRFTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to make a 1+800 federal telecommunication system network remote access (FTS NRA) call, but the FTS NRA feature is not active. The call will be sent to reorder.

Action:

If the FTS NRA feature is not active, follow the standard procedures to activate the FTS NRA feature on RC/V Views

8.22 (SECURED FEATURE UPGRADE) and 8.31 (OPTIONED FEATURES).

487. OAERRSDAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to make a 1+800 Speed Dial Autoprovisioning (SDAP) call, but the SDAP feature is not active. The call will be sent to reorder.

Data Structures:

Action:

If the SDAP feature is not active, follow the standard procedures to activate the SDAP feature on RC/V Views 8.9 (OSPS OFFICE PARAMETERS) and 8.22 (SECURED FEATURE UPGRADE).

488. OAERTPRCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine the terminating restrictions for a call, but the DBfrdtup() primitive returned DBRELNAMEBAD when it attempted to read the RLTPRINTL relation.

489. OAERTPRNPA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to determine the terminating restrictions for a call, but the DBfrdtup() primitive returned DBRELNAMEBAD when it attempted to read the RLTPR_NPA relation.

490. OAE_SCRCDE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) outgoing translator found an out-of-range originating line screening (OLS) screening code while translating a message. The OLS screening code must be a number from 0 to 9999, inclusive.

The message type being translated when the error was found, the message set identifier (indicating the outgoing translator that discovered the error), and the out-of-range OLS screening code are dumped.

491. OAE_SEIZFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) position seizure call event function OAeispsez() was called with an invalid seizure reason; valid values are defined in oa/hdr/OAseizreas.L. The invalid seizure reason is dumped.

492. OAESLLSINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) set link function was passed an invalid link setting parameter. The link setting

parameter will be dumped.

493. OAESMATLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An error occurred while attempting to add an external information system (EIS) call tuple to the tail of an EIS link tuple. The dynamic access (DA) "add EIS call to tail of EIS link" function returned a value of "no owner". The SM relative link parameter supplied to the DA function was not a valid key for an EIS link tuple. The SM relative link parameter is dumped.

494. OAESMCLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISCALL	Audit Mode: elev

Problem:

The dynamic access (DA) "get the owner rEIS_LNK tuple of the specific rEIS_CALL tuple" primitive failed and returned DBNO_OWNER or an invalid return code. The return code and the SM relative call ID used as the key are printed and an EIS_CALL audit is scheduled.

495. OAESMGHLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An error occurred while obtaining an EIS call tuple from a list that it is a member of. The "DA get EIS call from head of EIS link" function returned a value of "no owner". The SM relative link parameter supplied to the dynamic access (DA) function is not a valid key for an EIS link tuple. The SM relative link parameter is dumped.

496. OAESMRHLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

An error occurred while attempting to remove an external information system (EIS) call tuple from a list. The dynamic access (DA) "remove EIS call from head of EIS link" function returned a value of "no owner" meaning that the SM relative link parameter supplied to the DA function was not a valid key for an EIS link tuple. The SM relative link parameter will be dumped.

497. OAESMRLKBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

The SM relative link key of an external information system (EIS) link tuple used as a parameter to the "DB set cardinality" function caused an error return of "DB no owner"; the key is invalid. The EIS terminal process (EIS-TP) called the "DB set cardinality" function during conditional removal. The EIS link tuple is dumped.

498. OAESMRLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EISCALL	Audit Mode: elev

Problem:

The DA primitive "remove EIS_CALL tuple from set owned by EIS_LINK tuple" has failed by returning DBNO_OWNER or an invalid return code. The SM relative call ID that was used by the primitive to access the tuple and the return code will be printed. An EIS call tuple audit will be scheduled.

499. OAE_SNDMSGFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system (EIS) call event function could not send a message directly to the EIS using packet services (PS) subsystem primitives, or indirectly to the EIS system process using the operating system for distributed switching (OSDS) send message primitive.

The failing return code of the function used to send the message is dumped along with the OSDS message ID (message type) that could not be sent. This assert only fires when the OAeisim global parameter was set to DBYES on the SM being examined.

500. OAESPBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) received a message destined to the EIS without a call processing data link (CPDL) assigned. The type of message received should have already been assigned to a CPDL. The message is dumped.

501. OAESPCTIMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) could not allocate a cyclic timer. The operating system (OS) cyclic timer macro returned failure. The return value is dumped.

502. OAESPDEC (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Operator Services Position System (OSPS) enhanced services platform (ESP) encountered a problem when decoding a message according to recommendation X.209, Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1).

Probable Cause:

Check data dumped to determine the problem.

Action:

Contact OSPS field support.

503. OAESPENC (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Operator Services Position System (OSPS) Enhanced Services Platform (ESP) encountered a problem when encoding a message according to recommendation X.209, Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1).

Probable Cause:

Check data dumped to determine the problem.

Action:
Contact OSPS field support.

504. OAESPLNGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) received an operating system for distributed switching (OSDS) message that is too long for the buffer supplied in the "EIS-SP get message" function. The message is dumped.

505. OAESPMCBPROB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) received a failure return value from the "OS MCB count" macro while attempting to determine the number of message control blocks (MCBs) currently queued. The return value is dumped and the EIS-SP is purged.

506. OAESPMMSGUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) received an unknown operating system for distributed switching (OSDS) message in the "EIS-SP get message" function. The message is dumped.

507. OAESPNOCPLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) received an internal message destined for the EIS vendor, but no call processing data links (CPDLs) are populated on the associated SM. Outgoing internal messages should only be routed to SMs with CPDLs. The internal message is dumped.

508. OAESPReason (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected initialization reason was passed to the external information system system process (EIS-SP) when it was created. The reason is dumped and the EIS-SP is purged.

509. OAESPRETUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) received an unexpected return value from either the "OS wait" or "OS wait get message" macros. The return value is dumped.

510. OAESPSTUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state of the external information system system process (EIS-SP) is unknown. The state is dumped.

511. OAESP THROW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system system process (EIS-SP) was dispatched and found more than its threshold of message control blocks (MCBs) queued. The first "X" number of MCBs will be discarded until the number of MCBs queued is equal to the threshold that the EIS-SP is allowed to process in one real-time segment. This assert only fires when the EIS integrity monitor flag is set. The MCB count of queued messages when the EIS-SP was dispatched is dumped.

512. OAESPWTIMBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The wait time parameter supplied by the external information system system process (EIS-SP) to the "OS wait get message" macro in the "EIS-SP get message" function was corrupted. The EIS-SP is purged.

513. OAESRLOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM relative link parameter passed to one of the common external information system (EIS) functions was out of range. The SM relative link is dumped.

514. OAE_SRVCFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system (EIS) call event function detected an invalid service code. The service code is used to indicate the actions to be taken by the specific EIS call event function; the call event function implemented a default action due to this error. The invalid service code is dumped.

515. OAE_TGROUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The audible response unit (ARU) trunk group passed to the external information system (EIS) outgoing message translator was out-of-range. The ARU trunk group must be in the range 0 through 2001, inclusive. The message type being translated at the time the error occurred, the EIS message set identifier (identifies the outgoing translator that found the error), and the out-of-range trunk group number are dumped.

516. OAETKOCID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) interface function OAltco_chk()

(link takeover check) or OArace_chk() (race condition check) of the EIS system process detected a mismatch between the EIS call ID contained in the message received from the EIS and the value contained in the rEISCALL tuple currently assigned to the call. The contents of the incoming message and the rEISCALL tuple are dumped.

517. OAETKOMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) interface function OAltco_chk() (link takeover check) or OArace_chk() (race condition check) of the EIS system process received an unexpected message type. The message contents are dumped.

518. OAETKOPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following occurred:

1. The operator services position system (OSPS) external information system (EIS) interface function OAltco_chk() (link takeover check) of the EIS system process detected a mismatch between the controlling process ID in the message received from the EIS and the value contained in the rEISCALL tuple currently assigned to the call. The contents of the incoming message and the rEISCALL tuple are dumped.

2. The OSPS EIS interface function OArace_chk() (race condition check) of the EIS system process determined that the controlling process ID in the message received from the EIS and the value contained in the rEISCALL tuple are the same. This implies that the controlling process ID in the rEISCALL tuple was not updated; therefore, this message can not be sent to the correct process.

519. OAE_TMEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The audible response unit (ARU) trunk group member number passed to the external information system (EIS) outgoing message translator was out of range. The member number must be in the range 0 through 4095, inclusive. The message type being translated at the time the error occurred, the EIS message set identifier (identifies the outgoing translator that found the error), and the out-of-range trunk group member are dumped.

520. OAETPCALLID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the external information system (EIS) call ID in an EIS vendor's message and the EIS call ID in the associated EIS call tuple. This assert is only called when the EIS integrity monitor global variable is on. Both EIS call IDs are dumped.

521. OAETPCONPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the controlling process ID (PID) in an external information system (EIS) vendor's message and the controlling PID associated with the call. This assert is only called when the EIS integrity

monitor is turned on. The vendor's controlling PID and the controlling PID associated with the call will be dumped.

522. OAETPCTIMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) could not allocate a cyclic timer. The operating system (OS) cyclic timer macro returned failure. The return value will be dumped.

523. OAETPDESTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) could not destroy a previously allocated timer. This may be the cyclic timer or a heartbeat response timer. The "OS destroy timer" macro returned failure. The return value and the timer tag will be dumped.

524. OAETPLNGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) received an operating system for distributed switching (OSDS) message that is too long for the buffer supplied in the "EIS-TP get message" function. The message is dumped.

525. OAETPMSETID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the message set ID in an external information system (EIS) vendor's heartbeat message and the message set ID in the feature database (FDB) of an EIS terminal process (EIS-TP). This assert is only called when the EIS integrity monitor global variable is turned on. The vendor's message set ID and the message set ID in the FDB are dumped.

526. OAETPMMSGUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) received an unknown operating system for distributed switching (OSDS) message in the "EIS-TP get message" function. The OSDS message is dumped.

527. OAETPOORMSID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM ID received in an external information system (EIS) vendor's message by the EIS terminal process (EIS-TP) was out of range. This assert is only called when the EIS integrity monitor global variable is turned on. The vendor's SM ID is dumped.

528. OAETPREASON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason field in the external information system terminal process (EIS-TP) initialization function did not equal REPLACE, which should be the value passed from the OSREPLACE() macro. The reason field will be dumped.

529. OAETPRESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system terminal process (EIS-TP) received a Level 3 error message indicating that an X.25 reset occurred on its associated call processing data link (CPDL). EIS messages may be lost. This assert only fires when the EIS integrity monitor flag is set. The SM relative link of the EIS-TP is dumped.

530. OAETPRETUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) received an unknown return value from the "OS wait get message" macro in the "EIS-TP get message" function. The return value is dumped.

531. OAETPSIDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the switch ID in an external information system (EIS) vendor's message and the switch ID in the EIS link tuple associated with an EIS terminal process (EIS-TP). The inconsistency occurred in the EIS-TP message handler function OAetpmsg(). This assert is only called when the EIS integrity monitor global variable is turned on. Both switch ID values and the EIS message set ID are dumped.

532. OAETPSMRCID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in the SM relative call ID of an external information system (EIS) vendor's message. This assert is only called when the EIS integrity monitor global variable is turned on. The vendor's SM relative call ID is dumped.

533. OAETPSTUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state of an external information system terminal process (EIS-TP) is unknown. The state is dumped.

534. OAETPSWAREA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) terminal process received a SYSTEM ID REQUEST message from the external vendor that did not have the switch area of the message populated with all 1s (ones). This violates the call processing data link (CPDL) interface specification. This assert will only print when the global debugging variable

OAeisim is set to DBYES.

535. OAETPSWIDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the switch ID in an external information system (EIS) vendor's message and the switch ID in the EIS link tuple associated with an EIS terminal process (EIS-TP). The inconsistency occurred in the "EIS-TP message set 1 EIS message handler" function. This assert is only called when the EIS integrity monitor global variable is turned on. The vendor's switch ID and the EIS link's switch ID are dumped.

536. OAETPSWMODID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the switch module ID in an external information system (EIS) vendor's message and the switch module ID in the feature database (FDB) of an EIS terminal process (EIS-TP). This assert is only called when the EIS integrity monitor global variable is turned on. The vendor's switch module ID and the switch module ID in the FDB are dumped.

537. OAETPTMRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) received a timer operating system for distributed switching (OSDS) message in the "EIS-TP get message" function for an unknown timer tag. The timer tag from the message is dumped.

538. OAETPWTIMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system terminal process (EIS-TP) supplied a wait time to the "OS wait get message" macro in the "EIS-TP get message" function that is out of range. The wait time parameter is dumped.

539. OAETVRETBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to traverse an EIS call tuple linked list. A dynamic access (DA) function returned an unknown return value. The return value is dumped.

540. OAE_UNXLEDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system (EIS) call event function detected an invalid local EIS data block (LEDB). The LEDB is used within all internal EIS operating system for distributed switching (OSDS) messages and is stored by the processes that use the EIS software interface. The unexpected LEDB structure in the RLSRVOT relation is dumped.

541. OAEXTDL_PER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RLologinid.extdl_per is corrupted.

542. OAFAIL_BLVDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office data identified a valid forward number as verifiable, but busy line verification (BLV) routing data to the forward number does not exist.

Action:

Determine if this numbering plan area-office code (NPA-NXX) is verifiable from this operator services position system (OSPS). Use RC/V View 27.10 (OSPS BUSY LINE VERIFICATION NPA FORM) to verify that the office data agrees. Note the route code in this view. It should be 3 digits; if not, pad zeroes in front so that it becomes 3 digits. For example, if 35 is shown, treat it as 035.

If RC/V View 27.10 indicates that the NPA-NXX is verifiable, use the following procedure to make sure that routing data is available.

1. Use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to find the DAS field of the BLV options.
2. Use RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) with the key DAS from View 8.9 to find the INC DIT and LDIT values.
3. Use RC/V View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) with the keys INC DIT from View 9.1 and INC DIGS (described below) to verify the routing data for this forward number. The INC DIGS value is the forward number printed on the ROP, with the route code from View 27.10 substituted for the NPA. Not all of the forward number digits may be used.
4. If the LDIT field in View 9.5 is Y, use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) with the keys LDIT from View 9.1 and incoming digits (same as INC DIGS in step 3) to verify the routing data for this forward number.

543. OAFAILCNFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHconfig() primitive failed. A conference circuit could not be set up. Possible reasons include: 1) our SM or the SM with the conference circuit controller is isolated or 2) one of the paths being configured is in an invalid state.

544. OAFAILDROP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHdrop_conn() primitive failed. A reasonable call state could not be recovered since the multiway connector could not be released.

545. OAFAILISSET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process either a PTP or an OTP has failed to send the MGISSETUP message for an OSPA call.

Probable Cause:

We have probably exceeded the size of the MGISSETUP optional parameters or have populated the message incorrectly.

Action:

Contact craft to determine what actions should be taken.

546. OAFailJoin (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHjoin() primitive failed. Two paths on a conference circuit could not be joined. Possible reasons include: 1) our SM or the SM with the conference circuit controller is isolated or 2) one of the paths being joined is in an invalid state.

547. OAFailName (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHrename() primitive failed.

548. OAFail_NPAMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office data identified an error in numbering plan area (NPA) mapping to a trunk group number on an operator initiated call.

Data Structures:

RLFCNPAMAP, RLFC_OPRTK, RLRCGTGRPRK.

Action:

Determine if the trunk group number in RC/V View 26.1 (OSPA NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS) is defined in RC/V View 5.1 (TRUNK GROUP) and/or in RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS). Probably, the trunk group number used in RC/V View 26.1 (field 5) is missing in RC/V View 5.1 and/or RC/V View 26.26.

549. OAFailRSV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHrsv_conn() primitive failed. A conference circuit could not be allocated for some reason, possibly:

- 1) all conference circuits are in use,
- 2) no SM is linked that has conference circuits, or
- 3) our SM is isolated from the rest of the switch.

550. OAFAPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSfap() function returned OSNOTLOADED or OSNOTMATCHED when the CCospsmsg() function (in the CCSCOMMN package) was called from the operator services position system (OSPS) OT code (in the OPSMOT package). This should not happen. The code invoking the OSfap() function should not have had control unless the common channel signaling (CCS) packages were loaded and the call was from a CCS trunk.

551. OAFCFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Feature control (FC) has this bad habit of forwarding MGINTERRUPT messages to the far process. When the position terminal process (PTP) has a connection with a FC process that receives an interrupt, luckily we can catch these cases by examining the gport field in the message and compare it to the PTP port. OAeqport was called to perform this comparison and failed.

Probable Cause:

MGINTERRUPT message was from a different SM or a different port was contained in the message.

Action:

The Process will be purged.

552. OAFCHKBERET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value from the external information call event point function OAeisccl() was found by the OAcc_cmp() function. A forward number check was in progress at the time. The return value is dumped.

Action:

Contact field support personnel.

553. OAF COPNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLFC_OPRTK tuple failed. The ROP output contains the key value trunk group number (TGN). There is no entry for this TGN in RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS), or OPRT 2 is set to N for this SM in RC/V View 21.33 (OSPS SWITCHING MODULE GROWTH).

Data Structures:

RLFC_OPRTK. Key field: tgroup (trunk group).

Action:

Use RC/V View 21.33 to verify that OPRT 2 is set to Y for this SM. If not, set OPRT 2 to Y. If it is Y, use View 26.26 to insert this trunk group number.

554. OAF COPNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLFC_OPRTK relation failed because the relation was not found in the database.

Data Structures:

RLFC_OPRTK. Key field: tgroup (trunk group).

Action:

Add the RLFC_OPRTK relation to the database according to RC/V procedures.

555. OAFCTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_PORTTYP relation, or the rRFC_PORTTYP tuple is missing.

Data Structures:

RLFC_PORTTYP. Key fields: port.module, port.member.

Action:

Use RC/V View 21.30 (OSPS - DSL PORT) (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_PORTTYP relation with the actual keys used to access the relation. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

556. OAFCTRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rRFC_TRUNK tuple failed. The ROP output contains the SM and port member number. On the SM, the given port was not assigned to a trunk group number (TGN) and member number (MEMB NBR). No equipment number (EN) entry was found for the port in RC/V View 5.5 (TRUNK MEMBER).

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use OP:CONVERT to convert the port member number to an EN. Use RC/V View 5.5 to assign the EN to a TGN and MEMB NBR.

557. OAFCTRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLFC_TRUNK relation failed because the relation was not found in the database.

Data Structures:

RLFC_TRUNK. Key field: tgroup (trunk group).

Action:

Add the RLFC_TRUNK relation to the database according to RC/V procedures.

558. OAFCTRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_TRUNK relation, or the rRFC_TRUNK tuple is missing.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used to read the relation. If the tuple is missing, add it. This relation is updated by RC/V View 5.1 (TRUNK GROUP) and View 5.5 (TRUNK MEMBER).

If the keys used to access the relation were set incorrectly, notify your next level of support.

559. OAFDBADD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBaddset() primitive returned failure while adding a tuple to the idle list for the set DBHCATPDB.

560. OAFDBRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBrmset() primitive returned failure while removing a tuple from the active list for the set DBHCATPDB.

561. OAFLHCSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVOT	Audit Mode: elev

Problem:

Failed to link the rISRVOT tuple to one of the DB_HEADC lists - either idle or busy. The SRVOT audit is scheduled in elevated mode. This problem is most likely caused by the dynamic access (DA) primitive DAathcsr() finding a non-NULL owner linkage in the rISRVOT tuple.

562. OAFLSRSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVOT	Audit Mode: elev

Problem:

Failed to link the rISRVOT tuple to the rISMPTRDB tuple one-to-one. The SRVOT audit is scheduled in elevated mode to correct the problem. Most likely, a non-NULL linkage was found in the rISRVOT or rISMPTRDB tuple.

563. OAF_NPANXX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database read of the RLNPA_NXX relation failed. The error was DBNO_MATCH, a missing tuple. This can be corrected by updating the office dependent data (ODD) to contain a tuple with the appropriate tuple key.

Data Structures:

RLNPA_NXX. Key field: npa_n.

Action:

Use ODBE to add the rINPA_NXX tuple. RC/V Views 27.32 (OSPS LINE INFORMATION DATABASE QUERY INSERT AND DELETE) and 27.33 (OSPS LINE INFORMATION DATABASE QUERY REVIEW AND UPDATE) will NOT work until the tuple is in the RLNPA_NXX relation.

564. OAFNSIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while attempting to populate the forward network specific information parameter into the MGISSETUP message for operator services position system (OSPS) calls. The following data is dumped. The feature indicators that show what type of call was populating the data, the feature information that includes the data to populate the message, and the forward network specific information data that has failed.

565. OAFPCCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to follow the linkage from the process control block link area (PCBLA) to the call build up data block (CBDB). Since the CBDB cannot be found, it cannot be unlinked and released. Failure to release the CBDB does not affect the current call.

566. OAFSPLIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the path split/unsplit primitives (PHopen(), PHclos(), PHopenc(), or PHclos()) failed unexpectedly.

567. OAFUBLSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SRVOT	Audit Mode: elev

Problem:

Failed to unlink the rISRVOT tuple from the DB_HEADC busy list. The SRVOT audit will be scheduled to run in the elevated mode. This error is most likely caused by the dynamic access (DA) primitive DARshcsr() finding a NULL owner link in the rISRVOT tuple.

568. OAFUILSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to unlink an rISRVOT tuple from the DB_HEADC idle list. Most likely, no idle rISRVOT tuples were available.

569. OAFWD_A_ERR (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services call has found invalid data dealing with the forward number answer. It appears as if the forward party answered more than once.

Probable Cause:

Dynamic data is probably corrupted.

Action:

Contact field support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

570. OAGBLTMZN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data received from reading the Gla1zone or Gla2zone global parameter to determine the time difference between the alternate 1 or alternate 2 time zone area, and the operator service position system (OSPS) base system clock was invalid.

Action:

Use RC/V to check the value of the Gla1zone and Gla2zone parameters. Verify that they are equal to one of the values allowed.

- N2: 2 hours from the OSPS base system clock
- N1: 1 hour from the OSPS base system clock
- 0: same time as the OSPS base system clock
- 1: +1 hour from the OSPS base system clock
- 2: +2 hours from the OSPS base system clock

Use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to update the parameter to one of the above values.

571. OAGENDIGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while attempting to populate the generic digits parameter into the MGISSETUP message for operator services position system (OSPS) calls. The following data is dumped. The feature indicators that show what type of call was populating the data, the feature information that includes the data to populate the message, and the generic digit data that has failed.

572. OAGENERAL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general OA assert code. Each ROP message that could appear should be specified below with its associated message, data structure and action.

572.1 Initial or overtime interval too short for Pre Paid Overtime Coin - Calling No NPANXXXXXX Called No NPANXXXXXX

The interval returned in the the initial or interim coin rating reply was too short to handle the possible processing time needed. The interval must be large than the sum of 2 times the query timeout parameter plus the warning period plus 2 seconds. This is for the Prepaid Overtime for Coin Calls feature.

Data Structures:

Calling and Called Numbers

Action:

The call is given post paid treatment and allowed to continue. The RTRS should be notified to correct this situation.

**572.2 Tuple not found in relation ANNC_HDR for key values: Application - FCOSPS_TA
Announcement Header ID - x**

The announcement header ID (x) specified was not found in relation RLANNH_HDR. This header ID should be added using recent change view 8.61.

Data Structures:
Announcement Header ID

Action:
Add this announcement header ID using RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST) with an application type of FCOSPS_TA

572.3 An 800 UIN call was received but no entry was found in IDDD table for 800 CAC.

An invalid country access code was found in the IDDD table (RC/V View 9.6 [IDDD COUNTRY ACCESS CODE (OFFICE DIALING)]). For 800 universal international numbering (UIN) calls, the country access code must be 800 and not 8 or 80.

Data Structures:
DAS, Country Code length and the dialed digits

Action:
Update the country access code on RC/V View 9.6 to be 800.

572.4 LEC Operator Transfer call was received on trunk group with Special Access Service Identifier value of 1.

LEC operator transfer call was received on trunk group having an associated special access service identifier value of 1. On LEC operator transfer calls having 0+, 1+, 01+ or 011+ prefix, this assert will be printed with the trunk group, trunk member, back number, forward number and the dialed prefix information.

Data Structures:
Trunk group, trunk member, back number, forward number and dialed prefix

Action:
Contact the sending LEC office to resolve this issue.

572.5 Invalid header command in relation ALT_HDR

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility/service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software encountered an invalid command entry in the phrase/command list of an rIALT_HDR tuple.

The entry was interpreted as a command since it had a value greater than 16383, but was not recognized as a valid command or specified to repeat a digit string when no digit string expansion had been previously specified (in the announcement header).

Data Structures:
RLALT_HDR. Key fields: application, announcement header id, announcement set.

Action:
Use RC/V View 8.71 (ALTERNATE ANNOUNCEMENT TRAILER PHRASE LIST) to correct the rIALT_HDR tuple associated with the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements including the indicated announcement header.

572.6 Missing tuple in relation ALT_HDR

An attempt to play an announcement using a DSU2-RAF/SAS unit on the indicated SM failed when software could not retrieve the rIALT_HDR tuple associated with the key values indicated.

Data Structures:

RLALT_HDR. Key fields: application, announcement header id, announcement set.

Action:

Use RC/V View 8.71 to insert an rIALT_HDR tuple using the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements which include the indicated announcement header.

572.7 Invalid trailer command in relation ALT_TRL

An attempt to play an announcement using a DSU2-RAF/SAS unit on the indicated SM failed when software encountered an invalid command entry in the phrase/command list of an rIALT_TRL tuple.

The entry was interpreted as a command since it had a value greater than 16383, but was not recognized as a valid command or specified to repeat a digit string when no digit string expansion had been previously specified (in the announcement trailer).

Data Structures:

RLALT_TRL. Key fields: application, announcement trailer id, announcement set.

Action:

Use RC/V View 8.72 (ALTERNATE PHRASE ID MAPPING) to correct the rIALT_TRL tuple associated with the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements including the indicated announcement trailer.

572.8 Missing tuple in relation ALT_TRL

An attempt to play an announcement using a DSU2-RAF/SAS unit on the indicated SM failed when software could not retrieve the rIALT_TRL tuple associated with the key values indicated.

Data Structures:

RLALT_TRL. Key fields: application, announcement trailer id, announcement set.

Action:

Use RC/V View 8.72 to insert an rIALT_TRL tuple using the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements which include the indicated announcement trailer.

573. OAGENERAL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general OA assert code. Each ROP message that could appear should be specified below with its associated message, data structure and action.

573.1 Initial or overtime interval too short for pre-paid overtime coin - calling number NPANXXXXX; called number NPANXXXXXX

The interval returned in the initial or interim coin rating reply was too short to handle the possible processing time

needed. The interval must be large than the sum of 2 times the query timeout parameter plus the warning period plus 2 seconds. This is for the pre-paid overtime for coin calls feature.

Data Structures:
Calling and called numbers.

Action:
The call is given post paid treatment and allowed to continue. The RTRS should be notified to correct this situation.

573.2 Tuple not found in relation ANNC_HDR for key values: application - FCOSPS_TA, announcement header ID - x

The announcement header ID (x) specified was not found in relation RLANNC_HDR. This header ID should be added using RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST).

Data Structures:
Announcement header ID.

Action:
Add this announcement header ID using RC/V View 8.61 with an application type of FCOSPS_TA

573.3 An 800 UIN call was received but no entry was found in IDDD table for 800 CAC

An invalid country access code was found in the IDDD table (RC/V View 9.6 [IDDD COUNTRY ACCESS CODE (OFFICE DIALING)]). For 800 universal international numbering (UIN) calls, the country access code must be 800 and not 8 or 80.

Data Structures:
DAS, country code length and the dialed digits.

Action:
Update the country access code on RC/V View 9.6. to be 800.

573.4 LEC operator transfer call was received on trunk group with special access service identifier value of 1

LEC operator transfer call was received on trunk group having an associated special access service identifier value of 1. On LEC operator transfer calls having 0+, 1+, 01+ or 011+ prefix, this assert will be printed with the trunk group, trunk member, back number, forward number and the dialed prefix information.

Data Structures:
Trunk group, trunk member, back number, forward number and dialed prefix.

Action:
Contact the sending LEC office to resolve this issue.

573.5 Invalid header command in relation RLALT_HDR

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility/service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software encountered an invalid command entry in the phrase/command list of an RLALT_HDR tuple.

The entry was interpreted as a command since it had a value greater than 16383, but was not recognized as a valid command or specified to repeat a digit string when no digit string expansion had been previously specified (in the announcement header).

Data Structures:

RLALT_HDR. Key fields: application, announcement header ID, announcement set.

Action:

Use RC/V View 8.71 (ALTERNATE ANNOUNCEMENT TRAILER PHRASE LIST) to correct the rIALT_HDR tuple associated with the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements including the indicated announcement header.

573.6 Missing tuple in relation RLALT_HDR

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility/service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software could not retrieve the rIALT_HDR tuple associated with the key values indicated.

Data Structures:

RLALT_HDR. Key fields: application, announcement header ID, announcement set.

Action:

Use RC/V View 8.71 (ALTERNATE ANNOUNCEMENT TRAILER PHRASE LIST) to insert an rIALT_HDR tuple using the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements which include the indicated announcement header.

573.7 Invalid trailer command in relation RLALT_TRL

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility/service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software encountered an invalid command entry in the phrase/command list of an rIALT_TRL tuple.

The entry was interpreted as a command since it had a value greater than 16383, but was not recognized as a valid command or specified to repeat a digit string when no digit string expansion had been previously specified (in the announcement trailer).

Data Structures:

RLALT_TRL. Key fields: application, announcement trailer ID, announcement set.

Action:

Use RC/V View 8.72 (ALTERNATE PHRASE ID MAPPING) to correct the rIALT_TRL tuple associated with the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements including the indicated announcement trailer.

573.8 Missing tuple in relation RLALT_TRL

An attempt to play an announcement using a digital services unit 2 - recorded announcement facility/service announcement system (DSU2-RAF/SAS) unit on the indicated SM failed when software could not retrieve the rIALT_TRL tuple associated with the key values indicated.

Data Structures:

RLALT_TRL. Key fields: application, announcement trailer ID, announcement set.

Action:

Use RC/V View 8.72 (ALTERNATE PHRASE ID MAPPING) to insert an rIALT_TRL tuple using the SM and key values given in the ROP output message. This tuple should specify the phrase list to be given in announcements which include the indicated announcement trailer.

574. OAGENERAL (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general OA assert code. Each ROP message that could appear should be specified below with its associated message, data structure and action.

Initial or overtime interval too short for pre paid overtime coin - calling no NPANXXXXXX called no NPANXXXXXX

The interval returned in the initial or interim coin rating reply was too short to handle the possible processing time needed. The interval must be large than the sum of 2 times the query timeout parameter plus the warning period plus 2 seconds. This is for the prepaid overtime for coin calls feature.

Data Structures:

Calling and called numbers.

Action:

The call is given post paid treatment and allowed to continue. The RTRS should be notified to correct this situation.

Tuple not found in relation ANNC_HDR for key values: Application - FCOSPS_TA Announcement Header ID - x.

The announcement header ID (x) specified was not found in relation RLANN_C_HDR. This header ID should be added using RC/V View 8.61 (ANNOUNCEMENT HEADER PHRASE LIST).

Data Structures:

Announcement header ID.

Action:

Add this announcement header ID using RC/V View 8.61 with an application type of FCOSPS_TA.

575. OAGENOPBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while attempting to populate the generic operations parameter into the MGISSETUP message for operator services position system (OSPS) calls. The following data is dumped. The feature indicators that show what type of call was populating the data, the feature information that includes the data to populate the message, and the generic operations data that has failed.

576. OAGETAPB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAgetapb() returned an invalid pointer.

577. OAGETCBDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to remove an rICBDB tuple from the idle list. The call cannot continue because the rICBDB tuple is needed to store the FCsemiglob data.

578. OAGOPCSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SDAPSDL	Audit Mode: elev

Problem:

Either an attempt to get the owner of a given SDAP_SDL tuple failed or the owner was not associated with the current process. An elevated SDAP_SDL audit is scheduled and processing returns to the calling function.

579. OA_GST_MAN_PBX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call came to the position with good automatic number identification (ANI) on a trunk that does not carry automatic charge quotation service (ACQS) traffic, and the back party indicated that this was a manual PBX from a guest. Or, the call was an ANI failure (ANIF)/office number identification (ONI) call, and the back number entered was valid. The BLG CODE key was pressed, and the operator entered "gst" or "guest" into the billing code field.

The back number was in the ACQS database, but the ACQS establishment was not a manual PBX. The ACQS database for that operator services position system (OSPS) may need to be updated.

Data Structures:

RLTALLOOPDB.

The oa_data.backnum.dn value is the back number entered by the operator, and the ta_data.trk_grp value is the incoming trunk group number.

Action:

Determine if this back number is an ACQS establishment and a manual PBX by calling the originating office and providing the line number in question. To determine the originating office, look at the trunk group card in the OSPS office that is the same as the trunk group number (TGN) provided by the ROP output. If the trunk is a tandem access trunk, the tandem office must determine the local office from the numbering plan area (NPA) and office code (NXX). If the trunk is a direct trunk (directly connected to a local office), the load office is specified on the trunk card. If the back number is an ACQS establishment and a manual PBX, update the rIFC_HOTEL tuple to reflect this fact via RC/V View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE). The key to this view is the ACQS telephone number. The information in the tuple must be provided by the local office.

If the back number is not an ACQS establishment, the number should be removed from the ACQS database.

580. OA_GST_NOTINDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call that is being changed to an automatic charge quotation service (ACQS) call arrived on a trunk that does not carry ACQS traffic, and the number is not in the ACQS database.

The call is on a trunk that does not carry ACQS traffic, but "gst" was entered. The back number must be looked up in the ACQS database to see if it is from an ACQS manual PBX establishment. If it is in the tables, information is gathered about that establishment. In this case, the back number is not in the ACQS database. This is an automatic number identification (ANI) or ANI failure (ANIF)/office number identification (ONI) call.

The ACQS database for that operator services position system (OSPS) office may be out of date.

In the case of an ANIF call, it is possible that the back party supplied an incorrect number to the operator.

Data Structures:

RLTALLOOPDB.

The oa_data.backnum.dn value is the back number entered by the operator, and the ta_data.trk_grp value is the

incoming trunk group number.

Action:

Determine if this back number is an ACQS establishment by calling the originating office and providing the line number in question. To determine the originating office, look at the trunk group card in the OSPS office that is the same as the trunk group number (TGN) provided by the ROP output. If the trunk is a tandem access trunk, the tandem office must determine the local office from the numbering plan area (NPA) and office code (NXX). If the trunk is a direct trunk (directly connected to a local office), the local office is specified on the trunk card.

If the back number is an ACQS establishment, an rRFC_HOTEL tuple must be inserted via RC/V View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE). The key to this view is the ACQS telephone number. The information in the tuple must be provided by the local office.

If the back number is not an ACQS establishment, no action is required.

581. OAHAR_STAT (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call processing software found data for an OSPS interface to Harris operator system call inconsistent.

Probable Cause:

An fault in call processing logic.

Action:

Contact OSPS field support personnel. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

582. OAHOMECALLERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLHOMECALL tuple is missing. The ROP output provides the issuer ID digits that were used to access the RLHOMECALL relation.

Data Structures:

RLHOMECALL. Key field: issiddgt.

Action:

Use RC/V View 27.55 (OSPS CREDIT CARD ISSUER IDENTIFICATION) to determine if an rLHOMECALL tuple exists for the key printed on the ROP. If the tuple does not exist, add the tuple. Also, if the home call allow field is no, an associated country direct number entry must exist.

583. OAHTLREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFC_HOTEL relation could not be found in the database. An attempt was made to obtain data about an automated central quotation system (ACQS) establishment to verify that the back number was or was not from an ACQS establishment.

Data Structures:

RLFC_HOTEL. Key field: telno (number of the calling customer with first two digits reversed).

Action:

Add the RLFC_HOTEL relation according to RC/V procedures using View 26.11 (OSPS AUTOMATIC CHARGE QUOTATION SERVICE LIST).

584. OAIFATPDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: ATPDB	Audit Mode: elev

Problem:

Linkage errors are suspected for the failure to successfully move an rIATPDB tuple from the busy list to idle list. The ATPDB audit will be scheduled to fix linkage problems.

585. OAIF_BADDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the interflow feature, invalid data was accessed in the RLTALOOPDB relation, such as, corrupted data in loopdb_ptr->looptype that is used in the DECISION statement. This assert is called by NEAR, CC, and VN of OA models.

586. OAIFMH_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interflow message handler (IFMH) model failed to be created by FM-z.

587. OAIFTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the originating terminal process (OTP) from the interflow position terminal process (IPTP) while an internal transfer between two operators on OSPS-z was in progress during an interflow call. The contents of the unexpected message are printed on the ROP.

588. OAIFUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown message was received in the operator actions (OA) interflow message handler (IFMH).

589. OAIFWDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator actions (OA) interflow message handler (IFMH) detected a wrong destination in the interflow message header.

590. OAIF_WRONGMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is called by operator actions (OA) basic main NEAR in the interflow feature. There are two operator services position system (OSPS) switches involved in the interflow feature: the sending OSPS and the receiving OSPS. A message was received by the wrong switch. The data loopdb_ptr->looptype and &stype will be dumped.

591. OAIFWSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is called by the operator actions (OA) interflow message handler (IFMH) when a message is received in the wrong switch.

592. OAIFWSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator actions (OA) inter-flow message handler (IFMH) detected a wrong data size.

593. OAINACCS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rIACCSDB tuple. The rIACCSDB tuple is dumped.

594. OA_INCAQFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote failure message received from the autoquote terminal process (AQTP) contained an invalid failure reason. The automatic charge quotation service (ACQS) system process restored the quote message into the queue.

595. OAINC_CAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) stored carrier data conflict occurred. Data in RC/V View 26.25 (ACCESS TANDEM ROUTE INFO. FOR PRIMARY & ALTERNATE TOLL & ASSIST. O.S.) indicates that a feature group D (FGD) carrier is served by the OSPS, but other RC/V data says the carrier is not served.

Data Structures:

RCFC_OPRTK. Key field: tgroup.

RLFC_CARR. Key field: carrid.

RLFC_DIOPR. Key fields: carrid, bcarrier.

RLFCRSMCAR. Key fields: carrid, featgrp, rsm_num.

Action:

The ROP output contains the trunk group number and the carrier identifier. If calls for the printed carrier should be tandemmed to the FGD carrier without providing operator services, use RC/V View 26.25 to define a PRIM CDI value that will cause calls to be routed to this FGD carrier.

If the OSPS should provide service to the printed carrier and the SM is not a remote SM (RSM), set the LEC SERVICE field for the printed FGD carrier to Y using RC/V View 10.3 (INTER-LATA CARRIER). If the SM is an

RSM, set the OSPS SERVES field to Y for the printed FGD carrier using RC/V View 26.22 (OSPS RSM/CARRIER DATA).

If calls arriving on the printed trunk group should be handled by a different carrier, change the carrier assigned to the trunk group via RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUP).

596. OA_INCPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service (ACQS) system process detected an invalid range of pointers to the MGACQS message queue. Credit records are made for quote messages lost due to invalid pointers and the pointers are initialized.

597. OA_INCRESN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service (ACQS) system process initialization function OAasp_init() detected an incorrect reason. The system process terminates.

598. OA_INCTRGID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAclr_seqn() trigger function detected an invalid hotel relation identification or an invalid reason. The function returns without assigning a hotel sequence number to a dynamic relation.

599. OAINFNAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or unexpected values were assigned to function arguments.

600. OAINFRV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function returned an invalid or unexpected return value.

601. OAINITNRAF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the Glnraf global parameter using the DBrfgparm() primitive when it was called from the OAinaccsdb() function.

Probable Cause:

Unknown.

Action:

None.

602. OAINITPTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The pointer data block (PTRDB) initialization function, called during SM initialization, failed to insert a tuple or link a tuple to the idle list.

Probable Cause:

Unknown.

Action:

None.

603. OAINITQRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The QRYDB initialization function, called during SM initialization, failed to insert a tuple or link a tuple to the idle list.

Probable Cause:

Unknown.

Action:

None.

604. OAINSDYN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfintup has returned failure to insert a tuple in a dynamic relation.

Probable Cause:

Unknown.

Action:

None.

605. OAINITFLP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) interflow position terminal process (IPTP) on the OSPS-a switch detected that the OSPS-a switch is looped on itself.

Action:

The OSPS extended digital service line (EDSL) must be manually removed from service. The OSPS-z switch will have the interflow D-channel in a facility failure state. Once the interflow link is properly reconnected, the interflow link must be manually restored to service by telephone company administration (TCA) personnel via the RST:TRK input message.

606. OAINIT_MSG_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAMRTFAL, OAMPRNO, OAMINNO, or OAMEXRDN code was received by the operator services position system (OSPS) virtual terminal (VT) model, but the message contains corrupted data. These feature execution (FEX) internal messages have data associated with them, but the data is out of range.

607. OAINVACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid initial action was found in the RLSERVDATA relation.

Data Structures:

RLSERVDATA. Key field: serv_id (service identifier).

Action:

The key serv_id and the attribute init_action (initial action) are printed on the ROP. Access RC/V View 21.54 (OSPS SERVICE DATA FOR LISTING SERVICES CALLS) using this key to update the INITIAL_ACTION field with a valid value (TOOPER, TODEST, or ASKEIS).

608. OAINVBLOPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid billing option was populated in a call completion transfer request message. The MGTRNS_REQ message and the rISRVOT tuple are dumped.

609. OAINVCC_CR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) provided an invalid carrier ID. The carrier ID is dumped.

610. OAINV_CT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid conference type was received. In the rITALOOPDB tuple, the cnfrn_type attribute is corrupted. The conference transfer type is dumped.

611. OAINVDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator actions (OA) function detected some bad data. Either the data was corrupted or it is inconsistent with the running leg of code or some other data.

612. OAINVEISCOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the operator services position system (OSPS) call completion for service calls capability, the vendor sent the switch a class of charge that is not allowed by OSPS. The restriction is based on the service provided, station type, and originating line screening information. The class of charge, station type, and service type are dumped.

613. OA_INVLDTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message format was detected in the OAhobmsg() function.

614. OAINV_LSCOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid class of charge was received from an external information system (EIS) vendor. The class of charge received indicates that the vendor provided a carrier, but the class of charge for the switch to use is not one that the vendor should provide a carrier for. The EIS associated with the call and the invalid class of charge will be dumped.

615. OA_INVLSCOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An external information system (EIS) for listing services call completion returned an invalid class of charge for use in call completion. The vendor should only send a class of charge of autocollect when the carrier is provided by the EIS. The invalid class of charge and the carrier provided are dumped.

616. OAINV_QRY_DATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external database message handler (EDBMH) software encountered invalid data while trying to format a query or determine the destination. A directory number could not be successfully converted from ASCII to binary. The dump will contain the directory number (DMDN structures) associated with the query attempt.

617. OAINV_RAT_DATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external database message handler (EDBMH) software encountered invalid data while trying to gather data for a rating query for centralized flexible rating (CFR) or the real time rating system (RTRS). This problem may be caused by an invalid country code length or a failure return from the OA_rattime() function.

618. OAINVRES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function was restarted for an invalid reason.

619. OAINVRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid route type was found in the RLSRV_DEST relation.

Data Structures:

RLSRV_DEST. Key fields: serv_dest, eis_id.

Action:

The serv_dest (service destination) and eis_id (external information system [EIS] ID) keys along with the rte_type (route type) attribute are printed on the ROP. Access RC/V View 21.53 (OSPS DESTINATION DATA FOR LISTING SERVICES CALLS) to update the RTE_TYPE field with a valid route type.

620. OAINVTRFLRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return from the external information system (EIS) call event point function OAeistrfl() was detected. Specifically, the return was inconsistent with the state of call processing. The return code will be dumped.

621. OAIOTPMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the interflow originating terminal process (IOTP) while processing a call. The contents of the message will be printed on the ROP.

622. OAIPTPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TAPOSDB	Audit Mode: elev

Problem:

Invalid data was discovered in the RLTAPOSDB relation for an interflow position terminal process (IPTP). An elevated TAPOSDB audit is scheduled.

623. OAIRTCAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global default carrier for emergency calls could not handle this call. The carrier ID is an invalid value, or it is not populated in the RLFC_CARR relation.

Data Structures:

RLFC_CARR. Key field: carrier ID.

The Glircar global parameter is also involved.

Action:

The ROP output includes the global emergency default carrier. Check the office parameters in RC/V View 8.9 (OSPS OFFICE PARAMETERS) to verify that the emergency default carrier is a proper value. Check RC/V View 10.3 (INTER-LATA CARRIER) for an entry for the carrier ID with a feature group of D.

If the carrier is not found, use RC/V View 10.3 to insert the carrier. Otherwise, use RC/V View 8.9 to define a new carrier and populate it using RC/V View 10.3.

624. OAISDN_RC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGISDNDATA message contains corrupted or unexpected data. This message is sent from the basic services terminal (BST) to the operator services position system (OSPS) virtual terminal (VT) model. This problem may result from

- 1) a blocking state for keys that is not what is expected by the VT model in a certain state
- 2) an unknown message or key type in the message
- 3) the VT model is in the wrong state
- 4) the BST sent something other than plugin while VT is in the "waiting for plugin" state

625. OAISPLSF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A listing services call originated on a ISP trunk group and was assigned to a call queue that had a zero service ID associated with it. Listing services calls originating on ISP trunk groups MUST have a non-zero service ID assigned in the RLCTINFO relation.

A non-unique screening index may have been assigned to this trunk group. That is, a screening index used by trunks carrying listing services traffic may also be assigned to this group.

Data Structures:

RLCTINFO. Key field: call_type.
 RLAC_TKCT. Key fields: oppcid, tgroup.
 RLFC_TRUNK. Key field: global port name.

Action:

The automatic call distributor (ACD) call type (CALL_TYPE), trunk group (TGROUP), operator pre-call ID (OPPCID), and screening index (SCREEN_X) are printed on the ROP. There are several corrective actions that can be taken:

- If this trunk group was not assigned to carry listing services traffic, use RC/V View 5.1 (TRUNK GROUP) with the key trunk group to change the trunk group screening index to a new value - one that is not assigned to other listing services trunk groups.
- If this trunk group was assigned to carry listing services traffic, then it was assigned to an incorrect queue, or the queue itself was not set up correctly. To modify the queue assignment, access RC/V View 21.23 (OSPS CALL TYPE & DISPLAY INDEX FOR TRUNK) with the keys trunk group and pre-call ID to change the call queue assignment to a new value. If the call queue itself must be modified, access RC/V View 21.22 (CALL TYPE) with the key call type to assign a non-zero service ID.

626. OAITLGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the Gltloop global parameter using the DBrfgparm() primitive when it was called from the OAintaloop() function in oa/OAfex/OAintaloop.c.

627. OAITLGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gltloop global parameter using the DBrfgparm() primitive when it was called from the OAintaloop() function in oa/OAfex/OAintaloop.c.

628. OAITLGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gltloop global parameter using the DBrfgparm() primitive when it was called from the OAintaloop() function in oa/OAfex/OAintaloop.c.

629. OAITLGP4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gltloop global parameter using the DBrfgparm() primitive when it was called from the OAintaloop() function in oa/OAfex/OAintaloop.c.

630. OAKILLPROC (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The newly created process is terminated.

631. OALANGOLS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Language code not found in RC/V View 27.95 (OSPS LANGUAGE TO DESTINATION CODE INDEX). An attempt to read RC/V View 27.95 failed with the language code indicated in the message.

Data Structures:

RLLANGDEST. Key field: lang_code.

Action:

Use RC/V View 27.95 to insert a tuple using the language code given in the ROP output message.

632. OALEC7CRERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The carrier in the carrier identification parameter (CIP) of the incoming IAM is not served by the OSPS.

Data Structures:

RLSS7CARR. Key field: carrid.

Action:

Use the carrier ID as key to view RC/V 26.51 to verify that the carrier is served by the OSPS. If the tuple exists, make sure the field "OSPS SERVICE" is marked "Y". If the carrier ID is valid and should be handled by the OSPS, but does not have an entry in RC/V View 26.51, insert a tuple and mark the field "OSPS SERVICE" to "Y".

633. OALF_OVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) interface received an incoming message from the EIS on a call processing data link (CPDL) different from the one currently assigned, but terminating on the same SM; this is called link following.

The CPDL on which the message was received is handling the maximum number of calls permitted. The OSPS will continue to communicate with the EIS via the currently assigned CPDL, thereby preventing data link overload and random message loss. The SM relative link numbers of the currently assigned CPDL and the CPDL to which the EIS attempted to move the call, and the EIS ID of the EIS are dumped.

634. OALINEDATA_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch data contains inconsistencies on the characteristics of a line.

ACQS--Automatic Charge Quotation Service

OLS--Originating Line Screening

1) OPERATOR_ON_DDD conflict: ACQS information specifying that an operator is *not* to be used to handle a direct distance dialed (DDD) call conflicts with OLS information that all calls from this line should be routed to an operator, or that calls billed to the originating line (which happens with DDD) are not allowed.

Data Structures:

RLFC_HOTEL contains ACQS data. RLFCSCRLNE, RLFCSCRCDE, and RLOLSR contain OLS data.

RC views [office record numbers]:

OSPS BACK NUMBER SCREENING ("line screening") [5416]

OSPS BACK SCREEN CODE TABLE ("screen code table") [5415]

OSPS AUTOMATIC CHARGE QUOTATION SERVICE ("auto charge quote") [5425]

Action:

1) OPERATOR_ON_DDD conflict: Determine whether the originating line really should use an operator to handle DDD calls. If so, use "auto charge quote" view to set the OPERATOR ON DDD field to Y. If it should not, and the OLS information is incorrect, use "line screening" view to set the TO OPER POS field to N, or change the SCREEN CODE field to an appropriate screen code that has (on "screen code table" view) PAID OR DDD set to Y, or change the PAID OR DDD field for the specified SCREEN CODE to Y. (Be aware that this last possible change will affect every line that uses the specified screen code.)

If necessary, use the printed trunk group number (TGN) to determine the originating office for the line, to find what the characteristics of the originating line should be.

635. OALINETERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) handled call attempted to route to a line termination. Since only trunk terminations are allowed, this call will not be completed.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.
 RLDAPRLDGT. Key fields: previous, digit.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMDGT. Key fields: previous, digit.
 RLDAPRMFNL. Key field: previous.
 RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.
 RLRT_ROUTING. Key field: route_x.

Action:

OSPS calls only route to trunks; line terminations are blocked. An OSPS call passed digit analysis and routing, but routed to a line. The ROP output includes the dialed digits along with the screen index and digit analysis selector used for this call. Trace through the digit analysis and routing office records to determine at what step the problem was introduced.

636. OALKSELDUMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There may be errors in the rLEISLKSEL tuple.

Data Structures:

RLEISLKSEL.

Action:

Display the fields of the rLEISLKSEL tuple.

637. OALKSELINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLEISLKSEL dynamic relation, which is associated with the operator services position system (OSPS) external information system (EIS) call processing data links (CPDLs), did not initialize properly.

638. OALKTKOFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An IBM directory assistance system (DAS) returned at least one message on an operator services position system (OSPS) external information system (EIS) call processing data link (CPDL) that terminates on an OSPS SM that is not the SM that initially handled a call associated with the IBM DAS. An alternate data link assigned by the IBM DAS must terminate on the same OSPS SM as the original data link.

Action:

The EIS ID and the original SM handling the call are specified on the ROP along with the alternate link ID and the SM on which the message was received. Data must be changed in the IBM DAS using an IBM DAS utility to assure that the alternate link ID for any CPDL terminates on the same SM as the original data link.

639. OALNCBDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to insert an rCBDB tuple to the idle list. An audit was scheduled to clean up the problem.

640. OALNCBPC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to link the call build up data block (CBDB) and the process control block link area (PCBLA); therefore, the FCsemiglob data that is stored in the CBDB cannot be accessed. This prevents the call from being completed, a single process purge is called.

641. OALNKDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rLEISDSL tuple specified contained an external name identifier (x_name) that is inconsistent with the current database. A corresponding rLEIS_DATA tuple with the external information system (EIS) ID (eis_id key) equivalent to x_name should exist in the database, but no match occurred. The rLEISDSL tuple's x_name parameter was incorrectly altered, or the expected rLEIS_DATA tuple was removed.

Data Structures:

RLEISDSL. Key field: sm_rel_lnk (SM relative link number).

RLEIS_DATA. Key field: eis_id.

Action:

Use RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM [EIS] DATA) to verify that an rLEIS_DATA tuple exists. If not, enter the required information.

Use RC/V View 21.30 (OSPS - DSL PORT) to verify that the DATA LINK GRP field matches the expected eis_id (x_name). If not, remove the rLEISDSL tuple then re-insert the tuple with the correct information.

642. OALNKDUMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There may be errors in the specified rLEIS_LNK tuple.

Data Structures:

RLEIS_LNK.

Action:

Display the fields of the rLEIS_LNK tuple.

643. OALNKINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLEIS_LNK dynamic relation, which is associated with the operator services position system (OSPS) external information system (EIS) call processing data links (CPDLs), did not initialize properly.

644. OALNPBLDA (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

Busy line verify information about a location routing number is missing.

Data Structures:

RLBLVSCRN. Key field: NPA of the location routing number.

Action:

OSPS was not able to complete a busy line verify to a location routing number. An entry was missing in RC/V View 27.10 (OSPS BUSY LINE VERIFICATION NPA FORM) for the NPA-NXX of the location routing number printed. Without this entry, the routing code used for digit analysis is not known.

645. OALNP_DAFL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

OSPS attempted to route to a location routing number (LRN), but the number did not pass digit analysis.

Data Structures:

RLBLVSCRN, Key field: blvnpa.

RLDA_DIGSTRT. Key field: digtree.

RLDAPRLDGT. Key fields: previous, digit.

RLDAPRLFNL. Key field: previous.

RLDAPRMDGT. Key fields: previous, digit.

RLDAPRMFNL. Key field: previous.

RLDA_CONFLCT. Key fields: table, digits.

RLDA_AMBIG. Key field: table.

Action:

OSPS attempted to route to a LRN, but the number failed digit analysis. The LRN and the digit analysis selector are printed.

If a busy line verification is being done, check RC/V View 27.10 (BUSY LINE VERIFY NPA NXX) to determine the routing code associated with the LRN prior to checking digit analysis data.

Use RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to determine the PDIT/INDIT and LDIT values associated with the DAS. Then trace through the digit analysis data using the LRN to determine what is missing. It is most likely that either an entry does not exist for it or the number is defined as a vacant code.

646. OALNP_DAFL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

OSPS attempted to route to a location routing number (LRN), but the number did not pass digit analysis.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.

RLDAPRLDGT. Key fields: previous, digit.

RLDAPRLFNL. Key field: previous.

RLDAPRMDGT. Key fields: previous, digit.

RLDAPRMFNL. Key field: previous.

RLDA_CONFLCT. Key fields: table, digits.

RLDA_AMBIG. Key field: table.

Action:

OSPS attempted to route to a LRN, but the number failed digit analysis. The LRN and the digit analysis selector are printed.

Use RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) to determine the PDIT/INDIT and LDIT values associated with the DAS. Then trace through the digit analysis data using the LRN to determine what is missing. It is most likely that either an entry does not exist for it or the number is defined as a vacant code.

647. OALNPDBBAD (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database value passed to an OSPS function is bad.

Probable Cause:

OAlrn_srck() is passed a parameter that says where to find local number portability data. This parameter should indicate RLTALOOPDB, RLACCSDB or RLOCRECORD. An invalid value was found.

Action:

Contact OSPS field support personnel.

648. OALNPOPRKTFL (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistent trunk group related local number portability data.

Data Structures:

RLFC_OPRTK, Key: tgroup.

Action:

Local number portability data for an incoming OSPS trunk group is not correct. The problem is that data says to associate the location routing number (LRN) assigned to the trunk group with an incoming call, but the LRN is missing. Use the trunk group number printed to update the data on RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS), either adding an LRN or changing the status so a query is made or the back number is treated as not ported.

649. OALNPPARBD (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad local number portability request was made.

Probable Cause:

A function called OAlrn_srck, asking that a number be checked to see if it is portable. However, the request was not valid.

Action:

Contact OSPS field support personnel.

650. OALOGSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

MGoalogack.logstat is corrupted.

651. OALPRTACCSF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database read of the RLLPRTACCS relation failed. The rLPRTACCS tuple may be missing. The key that was sent as an input parameter may not be valid, but it is more likely that the office dependent data (ODD) needs to be updated to contain an rLPRTACCS tuple with the appropriate key.

Another possibility is that the relation name that was sent to the primitive was not valid, or a system error occurred.

Data Structures:

RLLPRTACCS. Key field: lport (local port number).

Action:

Use RC/V View 20.22 (EQUIPMENT SUBUNIT -- RAF SERVICES) to update the static ODD database to contain an rLPRTACCS tuple for the port that is being used by the process. This port is printed on the ROP.

652. OALPRTPOSF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database read of the RLLPRT_POS relation failed. The rLPRT_POS tuple may be missing. The key that was sent as an input parameter may not be valid, but it is more likely that the office dependent data (ODD) needs to be updated to contain an rLPRT_POS tuple with the appropriate key.

Another possibility is that the relation name that was sent to the primitive was not valid, or a system error occurred.

Data Structures:

RLLPRT_POS. Key field: lbport (local B-channel port number and module).

Action:

Use RC/V View 21.32 (POSITION TO PORT MAPPING) to update the static ODD database to contain an rLPRT_POS tuple for the port that is being used by the process. This port (local B-channel number) is printed on the ROP. The output lists the port number and the module number, which together make up the key.

653. OALPSGFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The LPsig() function failed when accessing DSU2-LDSUF for a coin call.

654. OALSFCOSBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A listing services call received a MGSETUP_CMP message with a class of service that was unexpected for this type of call. The only classes expected are OA_TAOPER and FC_ANNCMNT. The class of service will be dumped.

655. OALT_OVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) interface received an incoming message from the EIS on a call processing data link (CPDL) different from the one currently assigned to the call and terminating on a different SM; this is called link takeover.

The CPDL on which the message was received is handling the maximum number of calls permitted. The OSPS will continue to communicate with the EIS via the currently assigned CDPL, thereby preventing data link overload and random message loss. The SM on which the currently assigned CPDL terminates, the SM relative link number of the CPDL to which the EIS attempted to move the call, and the EIS ID of the EIS involved are dumped.

656. OAMAKE_BUSY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OACHECKLED() macro returned something other than OALITLED or OADARKLED. This macro is called by operator services position system (OSPS) operator actions models. This macro has only two possible return values.

657. OAMC_ADIGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAMCAGDIG() macro found too many digits in the digit collection field for this macro.

658. OAMC_ARGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bcnt argument passed to the OAmiscitoa() function was too small for the number being converted. The length of the number to be converted in ASCII was larger than expected.

659. OAMC_BADTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The .5 second timer allocated in the MTP in the OA_mtp() or OAmischdlr() function was out of range.

660. OAMC_CTINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position terminal process's (PTP's) call type was invalid. The call type is checked in the OAMCCLTP() macro.

661. OAMC_CTUNUSED (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position terminal process's (PTP's) call type was not used for a commercial automatic call distributor (ACD) call. The OAMCCLTP() macro is used to check this field.

662. OAMC_INCRSN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason argument passed to the OA_mtp() function was not OSRREPLACE. The reason argument will be dumped.

663. OAMC_INVMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAmiscsend() function was called with an invalid event code. The valid event codes are found in oa/hdr/OAmiscev.L. The invalid event code will be dumped.

664. OAMC_NOTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitor terminal process (MTP) in the OA_mtp() or OAmischdlr() function could not allocate a .5 second cyclic timer.

665. OAMC_ODIGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAMCDIALDIG() macro found too many digits in the digit collection area for this macro.

666. OAMC_SDIGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAMCSPDIG() macro found too many digits in the digit collection area for this macro.

667. OAMC_SZERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number being converted to ASCII by the OAmiscitoa() function was larger than the maximum available for this function.

668. OAMC_TIMEOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MTP's .5 second cyclic timer in the OAmischdlr() function was not running.

669. OAMC_UNEXMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitor terminal process (MTP) received an unexpected operating system for distributed switching (OSDS) message from the OSWGETMSG() macro. The unexpected message is dumped. The MTP is in the OA_mtp() and OAmischdlr() functions.

670. OAMISS_LNP_NXX (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Missing local number portability data.

Data Structures:

RLOLNP_HEAD, Key: npa.

RLOLNP_NXX, Key: npa_grp.

Action:

RC/V View 27.34 (OSPS LOCAL NUMBER PORTABILITY DATABASE QUERY INSERT AND DELETE) is used to define if an NPA-NXX is portable or not. Data in RLOLNP_HEAD indicated that some NXXs in an NPA are portable, but the data in RLOLNP_NXX is missing. Use RC/V View 27.34 and correct the portability status of the NPA-NXX impacted.

671. OAMNTD_IMTXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal message text was corrupted. The state of the sending model is not known. The monitored position terminal process is released.

672. OAMNTDTMRF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position terminal process (PTP) being monitored could not set up a timer for waiting for "I'm alive" messages. A system error reply is sent to the monitoring PTP.

673. OAMNTD_TMRO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The position terminal process (PTP) being monitored did not receive an "I'm alive" message from the monitoring PTP within the allotted time.

674. OAMNTG_PHF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the protocol handler (PH) path control primitives [PHdef1(), PHset(), PHclos(), or PHopen()] failed. The monitored position is released.

675. OAMNTGTMRF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitoring terminal process could not set up a timer to be used in sending "I'm alive" messages to the monitored terminal process. The monitored position is released.

676. OAMNUNXCLR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitoring process received an unexpected MGCLR_BACK message from the bridging process. The monitored position is released.

677. OAMON_PERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The mon_perm attribute in the RLOLOGINID relation was corrupted. The attribute is dumped.

678. OAMSGINFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The FCmsg_init() function returned failure. The msgid parameter was not recognized by the FCmsg_init() function.

679. OAMTBENUM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid enumeration value was sent to one of the operator actions (OA) message transport interface primitives in the OAbstvt() function.

680. OAMTI_CMPLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the message transport interface (MTI), a failure was received from the PSol3send() or OSsendmsg() function, or errors were detected that would produce failures from these two functions as a result of an attempted send.

The first two bytes of the third word in the ROP output contains the (possibly simulated) return from the PSol3send() or OSsendmsg() function as tabulated below.

DISPLAY (VALUE)	RETURN	REASON
PSol3send()		
0x0000xxxx (0000)	GLSUCCESS	no assert
0xfc0bxxxx (-1013)	PSL3DOWN	DALB or SPB linkage breakage
0xfc0cxxxx (-1012)	PSL3BADPARM	message too long, owner dead
0xfc08xxxx (-1016)	PSL3BFFULL	too many PKB's attached to owning process (usually, this causes a

0xfc18xxxx (-1000)	PS_FAIL	purge - see assert codes OAMTI_KILL and OAMTI_SUICIDE)
0xfc09xxxx (-1015)	PSUNAVLC	PKB buffer exhaustion
		level 3 not available because logical channel not available - no
		response from receiver OSsendmsg()
0x0000xxxx (00)	OSSUCCESS	no assert
0xffcaxxxx (-22)	OSenomCB	MCB buffer exhaustion
0xffff5xxxx (-11)	OSEPROC	dead receiving process
0xffff1xxxx (-15)	OSELENGTH	invalid message length

681. OAMTI_KILL (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The PSL3BFFULL error code was returned in the final step of the message transport interface (MTI) error recovery, and the data owner was not the current running process. The process that owns the data in the multimessage buffers is purged.

In general, the data owner will not be the calling process because a process will actually send its own data only during seizures, recover call, or slow-business periods. The companion OAMTI_SUICIDE assert is used when the currently running process is the offender.

682. OAMTI_SUICIDE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSL3BFFULL error code was returned in the final step of the message transport interface (MTI) error recovery, and the data owner is the current running process. The process that owns the data in the multimessage buffers is purged.

In general, the data owner will be the calling process during seizures, recover call, or slow-business periods. The companion OAMTI_KILL assert is used when the currently running process is not the offender.

683. OAMTPBSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAmtpstat() function received a message requesting the update of the management information system (MIS) computer data link terminal process global status data block. The SM number specified for the data link was out of the range of valid SM numbers for the switch. The text of the message is given in the stack for this function.

684. OANCDCOC_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OArplyqry() function encountered an error. For a given network call denial (NCD) query result, this particular class of charge does not generate NCD queries. An NCD query was sent and the reply was deny.

The classes that can generate NCD queries are PAID, DDD, COLLECT, AUTO_COLLECT, BACK_CARD_NUMBER, DDD_BACK_CARD_NUMBER, BACK_THIRD_NUMBER, FORWARD_CARD_NUMBER, FORWARD_THIRD_NUMBER, and HOTEL_ROOM_NUMBER. All other classes do not start NCD queries.

The APB_ptr->int_msg.text[0] and loop_ptr->coc values are dumped to show where the assert was fired in the OArplyqry() function. The function generates an error and continues to the next state. No manual intervention should be required.

685. OANCEO_TO_CEO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call came in on a non-conforming trunk, but the trunk group is marked as conforming.

Data Structures:

RLFC_TRUNK, RLFC_OPRTK.

Action:

This error is due to a mismatch in the signaling types indicated by the RLFC_TRUNK and RLFC_OPRTK relations. In the RLFC_OPRTK relation, the mfj_sig value is checked against the number of digits received in the back number (which includes automatic number identification [ANI] information). If the signaling is not compatible, the trunk group and member attributes from the RLFC_TRUNK relation are dumped along with whatever is known about the back number.

686. OANDSLPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert resulted because an attempt was made to obtain an invalid D-port using the RTGETD() macro. The value GLNULPORT was returned from the invocation because an invalid port was passed as a parameter to RTGETD(). This assert will dump the port that was used to read the RTGETD() macro, when an attempt was made to obtain a D channel to bringup a database page.

687. OANFTLDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-fatal DBfrdtup() primitive error occurred. Recovery is possible with assumptions made about the inaccessible tuple, processing may continue.

688. OANFWDNUM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) sent the operator services position system (OSPS) a transfer request for which call completion checks are to be performed, but no listed number was included. That is, the referral directory number had a digit count of 0.

689. OANGENERAL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates an error has occurred while processing an OSPS call. The first argument dumped in the assert indicates what type of error occurred.

Error Type 1:

LEC operator transfer call was received on trunk group having an associated special access service identifier value of 1. On LEC operator transfer calls having 0+, 1+, 01+ or 011+ prefix, this assert will be printed with the trunk

group, trunk member, back number, forward number and the dialed prefix information.

Data Structures:

Trunk group, trunk member, back number, forward number and dialed prefix.

Action:

Contact the sending LEC office to resolve this issue.

690. OANG_TADATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OAtacall_typ() function, an invalid data value was discovered in the ta_data attribute of the RLTALOOPDB relation. This function sets up an operator services position system (OSPS) call type in the CROPDATA structure.

691. OANITOOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the display attribute was incorrect. The allowable range for the display attribute in the RLOAODISP relation is 1-276. The display value was out of range.

Data Structures:

RLOAODISP.

Action:

Use RC/V to check the RLOAODISP relation, and make the necessary corrections to the data.

692. OANMIFLW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the RLINTERFLW relation to determine if re-route is active for a particular serving team, a DBNO_MATCH occurred. For every serving team (serv_tm) listed in the RLSTINFO relation, there must be an rINTERFLW tuple with the same serving team number.

Data Structures:

RLSTINFO, RLINTERFLW.

Action:

Check the RLSTINFO and RLINTERFLW relations and coordinate the data contained there.

693. OANMRRDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Re-routing is in effect, but a DBNO_MATCH occurred while trying to get the new re-route destination index in the RLRR_DN relation.

Data Structures:

RLRR_DN. Key fields: dest_x, tgroup, int_destid.

dest_x is the incoming destination index that is a product of digit analysis, tgroup is the incoming trunk group

number (or a wildcard number of 9999), and int_destid is the internal destination ID for re-routing the calls.

Action:

Use RC/V to insert an rIRR_DN tuple.

694. OANOCRUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For a listing services call, the originating terminal process (OTP) expected an MGOACRUPD message from the position terminal process (PTP), but did not receive one; or the OTP received an MGOACRUPD message from the PTP, but did not expect one.

Probable Cause:

An MGOACRUPD message was lost, or it was sent for listing services calls when it should not be.

695. OANOCTIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rICTINFO tuple is missing. A process on a different SM successfully read this relation with this same key. Either the key was corrupted, or the tuple is missing on this SM.

Data Structures:

RLCTINFO. Key field: call_type (ACD call type).

Action:

The call_type key is printed on the ROP. Verify that the key is valid (range is 0-128).

If the key is valid, then an rICTINFO tuple is missing from this SM, but is populated correctly on other SMs. This implies that ODBE may have been used to insert a tuple for this call type on other SMs but not this one, or to delete this tuple on this SM. RC/V may not be used to correct this problem since abnormal procedures were used to get into this situation. Use ODBE to insert the rICTINFO tuple with this key on this SM.

696. OANODALB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Failed to access the D-channel application linkage block (DALB) associated with an active process. With no DALB, the process is isolated from its port. The process is purged and the DALB audit is scheduled.

697. OANODEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The carrier-specific code index and/or route index were incorrectly set to zero after carrier selection. The call cannot be routed; reorder treatment is given.

Data Structures:

RLFC_FGBCARR. Key fields: carrier ID, feature group = B.

RLFC_CARR. Key fields: carrier ID, feature group = D.

RLFCRSMCAR. Key fields: carrier ID, feature group, RSM.

Action:

Most likely, digit routing is set to YES, but the RLDI_COMP relation does not contain a tuple with the proper keys. Take one of the following actions:

1. Provide the correct route index and code index for routing the call on RC/V View 10.3 (INTER-LATA CARRIER).
2. If this is a remote SM (RSM), insert an rFCRSMCAR tuple on RC/V View 26.22 (OSPS RSM/CARRIER DATA) with the carrier ID, feature group, and RSM number as keys. The appropriate route index/code index pair(s) must be filled in.
3. Set the dig_route field to DBYES on RC/V View 10.3. Insert at least one rLDI_COMP tuple via RC/V View 9.7 (CARRIER DESTINATION [OFFICE DIALING]) with the carrier ID, feature group, and code index (CDI) as keys. The CDI key is the regular code index determined by digit analysis, not the carrier-specific code index determined by carrier selection.

698. OANOFOPRTK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There is no RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) entry for the given trunk group. All trunk groups carrying inward traffic must have a OPRTK entry on RC/V View 26.26.

Data Structures:

RLFC_OPRTK - RC/V View 26.26

Action:

Go to RC/V View 26.26 for the given trunk group and insert the view for the given trunk group.

699. OANO_FCTRNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLFC_TRUNK relation, or the rLFC_TRUNK tuple is missing.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_LINE relation with the actual keys used to access the relation. If the tuple is missing, add it. This relation is updated by RC/V View 5.1 (TRUNK GROUP) and View 5.5 (TRUNK MEMBER).

If the keys used to access the relation were set incorrectly, notify your next level of support.

700. OANOFIXEDRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_FIXEDRI relation, a failure return of DBNO_MATCH was received. The rIRT_FIXEDRI tuple is missing, or the keys used to read the relation were in error. The keys used are dumped.

Data Structures:

RLRT_FIXEDRI. Key fields: noc, ritype.

Action:

This is a database inconsistency that must be corrected by manual action within the office.

701. OA_NOHOBSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service (ACQS) system process received an unexpected global office parameter Glhobisc of OAH_NULL. Quotations (either autoquote or voice quote) are ignored.

702. OANOKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAMRTFAL, OAMINNO, OAMCCUAV, OAMTRANS, or OAMDIAL code was received by the operator services position system (OSPS) basic services terminal (BST) virtual terminal (VT) model, but no key or led is lit. A DIAL, TRANS, or SA key is expected to be lit in these cases.

703. OANOLANG_TBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive returned DBNO_MATCH when attempting to read the RLLANG_TBL relation. The language value, the key used to access the RLLANG_TBL relation, is dumped.

Data Structures:

RLLANG_TBL.

Action:

Check the validity of the language value key; the valid range is 1 to Glop_max. The Glop_max global parameter (maximum range of the language value) is defined in the MAX LOP field in RC/V View 8.9 (OSPS OFFICE PARAMETERS).

The rLANG_TBL tuple for the language value key was not found. Verify the language table in RC/V View 8.66 (NON-ENGLISH LANGUAGE ANNOUNCEMENT APPLICATION TYPES) and update the entry as necessary.

704. OANONUSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When trying to read an rINON_USA tuple, a code other than GLSUCCESS or DBNO_MATCH was returned.

705. OANO_OTDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process thinks it should have an OAOTDB linked to the process control block link area (PCBLA), yet it cannot follow the linkage to obtain one.

Probable Cause:

A process did not link an OAOTDB to the PCBLA and it needed to for operator services position system (OSPS) processing, a linkage is corrupt, or a process has prematurely released its OAOTDB.

Action:

Since further OSPS originating treatment call processing cannot be done, the position is purged and the OAOTDB audit is scheduled in elevated mode.

706. OANO_OTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) was purged without the autoquote terminal process (AQTP) being notified.

707. OANOPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A key used to access the rIORTLA tuple via the DAGETPTLA() macro did not match the key contained in the tuple referenced. The elevated audit requested should reconstruct the rIORTLA tuple from static data and schedule the appropriate recovery.

The corresponding rIFC_PORTTYP tuple may be missing or corrupt for the identified port. If this assert repeats, use RC/V (or ODBE, if necessary) to interrogate this static data. The key used to access the rIORTLA tuple and the key contained in the tuple are dumped.

708. OANOPHTH_REL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) virtual network (VN) model timed out while waiting for the MGPATH_REL message from an originating terminal process (OTP) or another position terminal process (PTP). This usually occurs on early position release when there is a problem in the OTP; or this could occur on conference handoff when the assistant operator (OP2) does not drop the first operator (OP1) properly.

The following information is dumped: associated process block (APB) key, model ID, state of the model, type of input message, where the message is from, far process ID, APB tag, value switched on, and external message header.

709. OANORCLTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the RLEIS_RCL relation failed. For the each eis_id and serv_id value, a recall tuple should exist for recalling an operator associated with this external information system (EIS).

Data Structures:

RLEIS_RCL. Key fields: eis_id, serv_id.
RLCTINFO. RLSERVDATA.

Action:

Use RC/V View 21.22 (CALL TYPE) and View 21.54 (OSPS SERVICE DATA FOR LISTING SERVICES CALLS) to verify that the eis_id and serv_id values are in the valid range. The range is 1-16 for eis_id and 1-512 for serv_id. If the values are out of range, a coding problem occurred and no further action can be taken. If the values are in range, refer to the serving team growth procedures.

710. OANORECV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

In the operator services position system, the default model for receiving a feature execution (FEX) message was lost, or the dynamic access (DA) primitive used to get the default receiver failed. The terminal process was purged.

711. OANORTGEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automated calling card service terminal process (ACCS-TP) did not receive the expected MGRT_GEN message. Possibly, a timeout occurred, or errors occurred while receiving the message.

712. OANOSERV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISERVDATA tuple is missing. Most likely the key is valid, but the tuple is missing from the database.

Data Structures:

RLSERVDATA. Key field: serv_id (service identifier).

Action:

The key serv_id (service ID) is printed on the ROP. Determine if the key is valid (domain DMUNS10; valid range from 1-1023). If the key is valid, use RC/V View 21.54 (OSPS SERVICE DATA FOR LISTING SERVICES CALLS) to insert the rISERVDATA tuple with this key. If the key is not valid, write an initial modification request (IMR).

713. OANOSRVOT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The OAGETSRVOT() macro was called to get a pointer to a rISRVOT tuple and no linkage of a rISRVOT tuple to the rIPCBLA tuple was found. In this case, the DA primitive does not set a value to the passed in address buffer.

This is an unrecoverable error; the callers of the OAGETSRVOT() macro expect an rISRVOT tuple to exist and to be linked to an rIPCBLA tuple.

The running process is purged. The PCBLA audit is scheduled to run in the elevated mode.

714. OANOSTINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLSTINFO tuple failed. The ROP output contains the serving team key value. There is no entry in RC/V View 21.2 (SERVING TEAM) for this serving team, or the OSPS 2 field is set to N for this SM in RC/V View 21.33 (OSPS SWITCHING MODULE GROWTH).

Data Structures:

RLSTINFO. Key field: serv_tm (serving team).

Action:

Use RC/V View 21.33 to verify that the OSPS 2 field is set to Y for this SM. If not, set OSPS 2 to Y. If it is Y, use RC/V View 21.2 to insert this serving team.

715. OANOSVDT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLSRV_DEST tuple is missing. Most likely the keys are valid, but the tuple is missing from the database.

Data Structures:

RLSRV_DEST. Key fields: serv_dest, eis_id.

Action:

Determine if the serv_dest (service destination) and eis_id (external information system [EIS] ID) keys printed on the ROP are valid. The valid range for serv_dest is 1-65535, and the valid range for eis_id is 1-16.

If the keys are valid, access RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM [EIS] DATA) to determine the EIS name for the EIS ID. Access RC/V View 21.53 (OSPS DESTINATION DATA FOR LISTING SERVICES CALLS) to insert the rLSRV_DEST tuple with these keys. If either key is not valid the external information system associated with this EIS should be contacted to determine if they are sending invalid keys. If the keys that they are sending can be proven to be correct a logic problem in the switch is most likely to be at fault and an IMR should be written. In most cases it will be found that the external EIS is sending incorrect information and this must be corrected on their system.

716. OANOSVDT (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLSRV_DEST tuple is missing. Most likely the keys are valid, but the tuple is missing from the database.

Data Structures:

RLSRV_DEST. Key fields: serv_dest, eis_id.

Action:

Determine if the serv_dest (service destination) and eis_id (external information system [EIS] ID) keys printed on the ROP are valid. The valid range for serv_dest is 1-65535, and the valid range for eis_id is 1-16.

If the keys are valid, access RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM [EIS] DATA) to determine the EIS name for the EIS ID. Access RC/V View 21.53 (OSPS DESTINATION DATA FOR LISTING SERVICES CALLS) to insert the rLSRV_DEST tuple with these keys. If either key is not valid the external information system associated with this EIS should be contacted to determine if they are sending invalid keys. If the keys that they are sending can be proven to be correct a logic problem in the 5ESS[®] switch is most likely to be at fault and an IMR should be written. In most cases it will be found that the external EIS is sending incorrect information and this must be corrected on their system.

717. OANO_TCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No timer control block (TCB) space was available when an attempt was made to set a timer from the OSTIMER(), OSWAIT(), or OSRESTART() macro.

718. OANOTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function failed to seize a timer. One variable is dumped that can be helpful in pointing to the cause.

719. OANPORTPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) toll and assistance (T&A) position terminal process (PTP) received an invalid N-port conference circuit process ID (PID) on a recall seizure. Possible recall seizures with more than a back party connection are: 1+coin charge due, large charge 0+coin flash, charge due, large charge 0+non-coin flash, more efficient call handling (MECH) seizure, and time and charges (T&C) seizure.

The originating terminal process (OTP) sent an invalid PID. This is the result of a source code fault in one of the functions that performs recall seizures with conference circuits in the OSPS OTP.

The following information is dumped in hex: the signal received bytes, the APBTAG that the message is from, the from processor (0), the switch value (0), associated process block (APB) data, APB data of the sending model, rITAPOSDB tuple data, and rITALOOPDB tuple data. These hex dumps can be interpreted by field support personnel.

720. OANRAINCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There exists an inconsistency in the DIOR NRA in RC/V View 27.81. The 800 number entered was identified as a DIOR NRA call but the country code was not able to be translated in view 27.81. The DIOR incoming country code and the forward number will be dumped.

Probable Cause:

The data has not been correctly populated.

Action:

Correct the data.

721. OANRIFLW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred while reading the RLINTERFLW relation. It was not a DBNO_MATCH error.

722. OANRRRDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred while reading the RLRR_DN relation. It was not a DBNO_MATCH error.

723. OANRTGEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGRT_GEN message expected after the creation of the announcement terminal process (ATP) was never received by the ATP. The attempt to play an automated operator services position system (OSPS) directory assistance (DA) announcement fails, forcing the operator to respond verbally.

724. OANSUBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A toll and assistance NEAR submodel received a signal that it did not expect, and reported the error to the NEAR main model. Possibly, the NEAR main model misdelivered the signal to the submodel, another submodel sent the unexpected signal, or the submodel made an error in sending a signal to itself.

The signal received by the NEAR main model is dumped; this signal identifies the submodel that detected the error. The NEAR main model will notify the virtual network (VN) model of the error condition and suicide. The VN model should clean up, report availability of the loop to the feature model (FM), and suicide.

725. OANTINDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIFC_HOTEL tuple failed. The number was not in the database, or a database error occurred.

Data Structures:

The oa_data.backnum.dn value is the back number entered by the operator in the format of NPA NXX XXXX. The tgroup value is the incoming trunk group number in the rIFC_TRUNK tuple. The tmember value is the incoming trunk group member in the rIFC_TRUNK tuple.

Action:

Determine if this back number is an automatic charge quotation service (ACQS) establishment. This should be determined by the originating office. To determine the originating office, look at the RLRCTRGPRK relation using the trunk group number as a key; the vdata.orig_npa and vdata.offcode values provide the numbering plan area (NPA) and office code (NXX) combinations for the office in question.

If the back number is an ACQS establishment, insert an rIFC_HOTEL tuple for the back number. If the back number is not an ACQS establishment, no action is required.

726. OANULEMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLSTINFO tuple has the emerg_conf attribute set to DBYES, which indicates that a conference should be attempted when the EMERG key is pressed by an operator on this serving team. However, the conf_q attribute, which indicates the call queue to be used for the conference is set to 0; 0 is not a valid call type.

Data Structures:

RLSTINFO. Key field: serv_tm (serving team number).

Action:

In the affected rLSTINFO tuple, either change the conf_q attribute to the value of a valid key of the RLCTINFO relation, or set the emerg_conf attribute to DBNO. Use RC/V View 21.2 (SERVING TEAM) to make the changes.

727. OANUM_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RLloopdb.num_type is corrupted.

728. OANXXREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFC_NXXZN relation could not be found when an attempt was made to determine if a tuple was present. This relation contains data about the time zone for each numbering plan area (NPA)-office code (NXX) combination not covered in the RLFC_TMZN relation.

Data Structures:

RLFC_NXXZN. Key fields: npa, nxx.

Action:

Add the RLFC_NXXZN relation using RC/V View 26.12 (OSPS NXX OUTSIDE OF MAJORITY TIME ZONE) according to the Translation Data Manual. Actual data may be obtained from the operator services position system (OSPS) switch data engineer.

729. OAOCNERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The carrier identified in the RLOCNTWK relation could not handle an operator entered route number.

Data Structures:

RLFC_CARR. Key field: carrid.

RLFCRSMCAR. Key field: carrid, rsm_num, featgrp.

RLOCNTWK. Key fields: oanpa, oattc, oaosdc.

Action:

The carrier ID from the RLOCNTWK relation is printed in decimal. Use the carrier ID and feature group D as keys to RC/V View 10.3 (INTERLATA CARRIER) to verify that the carrier is valid and is not an international carrier. If the data in this view is not correct, update it. If the data is valid, then the carrier can not handle the call to the printed number dialed (Note: The number is in the form NPA-TTC-OSDC where TTC is the terminating toll center and OSDC is an operator special dial code). If the SM number printed is a remote SM (RSM), use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to verify that an rIFCRSMCAR tuple exists for this carrier, feature group D, and RSM number. If the carrier is valid and should handle this call, but does not have an entry in View 26.22, determine the routing data needed and insert an rIFCRSMCAR tuple.

If the carrier is not valid or if it should not handle calls to this NPA-TTC-OSDC, use RC/V View 26.21 (OSPS CARRIER FOR OPERATOR SPECIAL DIALED CODES) to update the RLOCNTWK relation with the correct carrier, or remove the tuple specifying this carrier so that the global default route number carrier will be used.

730. OAODISP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system or database error occurred while reading the RLOAODISP relation.

731. OAOFRRERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator assisted call routing using the operator services position system (OSPS) office carrier failed because the carrier's size is invalid.

Data Structures:

RLFC_CARR. Key field: carrier.

Action:

The global office carrier is output to the ROP. Set the OSPS global office carrier parameter Glofcar via RC/V View 8.9 (OSPS OFFICE PARAMETERS). The valid range is 0-9999. Set the value to zero if this is a local exchange carrier (LEC) or Bell operating company (BOC) owned OSPS. Set the value to represent the inter-exchange carrier (IC) that owns this OSPS; for example, "288" for AT&T or "222" for MCI.

If the value is non-zero, a feature group D (FGD) entry must be populated on RC/V View 10.3 (INTER-LATA CARRIER) for this office carrier.

732. OAOLIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while attempting to populate the originating line information parameter into the MGISSETUP message for operator services position system (OSPS) calls. The following data is dumped. The feature indicators that show what type of call was populating the data, the feature information that includes the data to populate the message, and the originating line information that has failed.

733. OAOLNSCN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Trunk signaling characteristics and trunk data in the RLFC_OPRTK relation are inconsistent with the service or equipment indicator (SEI) in the originating line number screening (OLNS) reply.

Data Structures:

RLFC_OPRTK. Key field: trunk group number.

Action:

Check the SEI value in the OLNS reply and use RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) for the RLFC_OPRTK relation to verify the coin line indicator.

734. OAOLNSHT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch-based hotel data in the RLFC_HOTEL relation is inconsistent with the service or equipment indicator (SEI) in the originating line number screening (OLNS) reply.

Data Structures:

RLFC_HOTEL. Key field: line number.

Action:

Check the SEI value in the OLNS reply and the switch-based hotel data in View 26.11 (OSPS AUTOMATIC

CHARGE QUOTATION SERVICE).

735. OAOLOG_READ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while reading the RLOLOGINID relation. The error was not DB_RESOURCE.

736. OAOLOG_TUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLOLOGINID tuple is missing.

737. OAOLSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are inconsistencies between the originating line screening relations (RC/V Views 26.1 [OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS], 26.2 [OSPS BACK NUMBER SCREENING], and 26.3 [OSPS BACK SCREEN CODE TABLE]) and the operator trunk relation (RC/V View 26.26 [ACCESS TANDEM INCOMING TRUNK GROUPS]).

Data Structures:

RLFCNPAMAP. Key fields: NPA, NXX.
 RLFCSCRLNE. Key fields: Inoc, line number.
 RLFCSCRRNG. Key field: Inoc.
 RLFCBTNTBL. Key fields: Inoc, line number.
 RLOLSR. Key field: scrncode.

Action:

On the ROP output, the first parameter is the error type. The following error types are given as part of the message:

- (1) No rLFCNPAMAP tuple exists for the NPA-NXX of the back number. The parameters printed are the numbering plan area (NPA), office code (NXX), line number, trunk group, and member number for the back number. Enter this NPA-NXX on RC/V View 26.1.
- (2) The call is a local-office-identified screened call (that is, signaled with an ANI-7 code), but no rLFCSCRLNE or rLFCSCRRNG tuple exists. The parameters printed are the NPA, NXX, line number, trunk group, and member number for the back number. Enter this line number or range on RC/V View 26.2 if it should be screened.
- (3) The trunk type is dedicated screened, but no rLFCSCRLNE or rLFCSCRRNG tuple exists. The parameters printed are the NPA, NXX, line number, trunk group, and member number for the back number. If the back number was entered at an operator position, the operator ID is also printed. Enter this line number or range on RC/V View 26.2 if it should be screened.
- (4) The tbn flag is set in the rLFCSCRLNE or rLFCSCRRNG tuple, but no rLFCBTNTBL tuple exists for the back number. The parameters printed are the Inoc and line number for the back number. The Inoc is an internal translation of the NPA-NXX. This is an internal error. Use ODBE to correct the problem.

Type 4 errors may never appear as office data administration (ODA) does not allow the tbn flag to be set if no

true billing number (TBN) is entered.

- (5) The trunk type is ANI-search, but an ANI-7 was signaled with the call. Enter the line number or range on RC/V View 26.2 if it should be screened.
- (6) The screen code retrieved from RC/V View 26.2 was not populated in View 26.3. Enter the screen code on RC/V View 26.3.

738. OAOLSPRB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Trunk signaling characteristics and trunk data in the RLFC_OPRTK relation are inconsistent with the originating line screening (OLS) relations RLFCNPAMAP, RLFCSCRLNE, and RLFCSCRRNG.

Data Structures:

RLFCNPAMAP. Key fields: NPA, NXX.

RLFCSCRLNE. Key fields: Inoc, line number.

RLFCSCRRNG. Key field: Inoc.

RLFC_OPRTK. Key field: trunk group number.

Action:

In the ROP output, the first parameter is the error type.

Error type 1: The back number was a coin line based on trunk signaling and truck data, but the OLS data indicates that it is a non-coin line.

Error type 2: The back number was a non-coin line based on trunk signaling and truck data, but the OLS data indicates that it is a coin line.

The parameters displayed are the back number (numbering plan area [NPA], office code [NXX], and line number), trunk group, and trunk member. Use RC/V View 26.2 (OSPS BACK NUMBER SCREENING) for the RLFCSCRLNE, and RLFCSCRRNG relations, and View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) for the RLFC_OPRTK relation to verify the coin line indicator.

739. OAOLSTRKCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After an operator services position system (OSPS) origination occurred on a non-intermediate switching point (ISP) trunk group, an inconsistency was found between originating line screening (OLS) and trunk group data while attempting to identify the originating station type. OLS data identified the originating station as coin, but the trunk group was marked as non-coin (the cn_ind and pp_ind attributes are both set to DBNO in the RLFC_OPRTK tuple).

Data Structures:

The relations for OLS data are:

RLFCNPAMAP. Key fields: NPA, NXX.

RLFCSCRLNE. Key fields: Inoc, line number.

RLFCSCRRNG. Key field: trunk group number.

The relation for trunk group data is:

RLFC_OPRTK. Key field: trunk group number.

Action:

There are three possible explanations:

- (1) A coin call was misrouted over the trunk group from the originating office. The originating number (NPA-NXX-LINENO) is dumped on the ROP. Trace back to the originating office and inform them of the misrouting.
- (2) Coin traffic should be allowed on the trunk group. Access RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) using the trunk group dumped on the ROP as the key to change the coin fields to indicate that coin traffic is allowed on the group.
- (3) OLS incorrectly identified the call as coin. Access RC/V View 26.2 (OSPS BACK NUMBER SCREENING) with the keys from the NPA-NXX-LINENO dumped on the ROP to correct the COIN LINE value.

740. OAOPBADREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request arrived at the operator services position system (OSPS) administrative processor (OAP) terminal process.

741. OAOPBADVAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) administrative processor (OAP) terminal process detected an invalid case in a switch or an invalid communications path.

742. OAOPBPOOL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The bpool entry for the operator services position system (OSPS) administrative processor (OAP) terminal process was invalid. The process will terminate.

743. OAOPDBFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database access failed in the operator services position system (OSPS) administrative processor (OAP) terminal process.

744. OAOPERINDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while attempting to populate the operator indicators parameter into the MGISSETUP message for operator services position system (OSPS) calls. The following data is dumped. The feature indicators

that show what type of call was populating the data, the feature information that includes the data to populate the message, and the operator indicators data that has failed.

745. OAOPHBSTOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) administrative processor (OAP) terminal process detected a failure in the OAP or in the data link that goes to the OAP. The terminal process will exit.

746. OAOPLINETERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) operator initiated call attempted to route to a line termination. Since only trunk terminations are allowed, this call will not be completed.

Data Structures:

RLSTINFO. Key field: serv_tm.
 RLDA_DIGSTRT. Key field: digtree.
 RLDAPRLDGT. Key fields: previous, digit.
 RLDAPRLFNL. Key field: previous.
 RLDAPRMDGT. Key fields: previous, digit.
 RLDAPRMFNL. Key field: previous.
 RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.
 RLRT_ROUTING. Key field: route_x.

Action:

OSPS calls only route to trunks; line terminations are blocked. An OSPS call passed digit analysis and routing, but routed to a line. The ROP output includes the dialed digits along with a serving team number. The OSPS serving team information record can be reviewed to find the screen index and digit analysis selector (DAS) for this serving team. This should be enough information to trace through the digit analysis and routing office records to determine at what step the problem was introduced.

747. OAOPNOBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) administrative processor (OAP) terminal process ran out of data buffers. Data was lost.

748. OAOPPRFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) administrative processor (OAP) terminal process called a primitive that failed.

749. OAOPRCCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call completion transfer request message was received, but the local access and transport area (LATA) checks did not complete successfully. A call cannot be completed if LATA checks do not complete successfully.

The route type in the transfer request was OACCOPER, indicating that this request was generated by the operator keying the COMPLETE SAME or COMPLETE DIFFERENT keys on the operator services position system (OSPS) terminal. The unified position terminal process (UPTP) should not generate a complete call request if LATA checks failed.

The UPTP may be improperly or incompletely performing LATA checks, or an inconsistency may exist between the UPTP and originating terminal process (OTP) in the LATA check determination process. The MGTRNS_REQ message and the rISRVOT tuple are dumped on the ROP.

750. OAOPSMOTNL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A listing services call originated on a SM that is not loaded with the software necessary to provide the indicated service. The call was identified as requiring listing services treatment by the non-zero service ID assigned to the call queue associated with the origination.

That is, at least one trunk group member on this SM is assigned to a call queue that has a listing services service ID (serv_id attribute) in the RLCTINFO relation, but the appropriate software to handle this listing services call does not exist on this SM.

Data Structures:

RLCTINFO. Key field: call_type (ACD call type).

RLAC_TKCT. Key fields: oppcid (operator pre-call ID), tgroup (trunk group).

Action:

The call type (CALL_TYPE), service ID (SERV_ID), operator pre-call ID (OPPCID), trunk group (TGROUP), and trunk group member (TMEM) are printed on the ROP. Access RC/V View 21.23 (OSPS CALL TYPE & DISPLAY INDEX FOR TRUNK) using the TGROUP and OPPCID keys (TK_GROUP and CALL_TYPE_ID fields, respectively). There are two cases that can exist:

- (1) The entry for these keys is not found. In this case, the "wild trunk group" 9999 was used to assign the call type. The wild trunk group is used when an entry for the actual trunk group was not specified in RC/V View 21.23. If the intention of the office data design was to use the wild trunk group to assign a call type, then this type of traffic should not be originating on trunks on this SM.

If different types of traffic with the same operator pre-call ID, but different call types based on trunk groups was the intention, then entries for this trunk group must be made in RC/V View 21.23.

- (2) The entry for these keys is found. In this case, a member of the trunk group (TMEM) exists on this SM. This member must be dis-associated from the group, assigned to a different group, or the entire trunk group must be assigned to a call type in RC/V View 21.23 that does not have a listing service service ID assigned to it in RC/V View 21.22 (CALL TYPE).

751. OAOPSTLVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAopsetup() function received an unexpected value in the level field of the MGACQUEUED message. The level field is dumped.

752. OAOPTKTRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator service position system (OSPS) operator initiated call attempted to route to an intermediate switching point (ISP) outgoing operator trunk. Since trunk terminations other than ISP outgoing operator trunks are allowed, this call will not be completed.

Data Structures:

RLDA_DIGSTRT. Key field: digtree.
 RLDA_PRLDGT. Key fields: previous, digit.
 RLDA_PRLFNL. Key field: previous.
 RLDA_PRMDGT. Key fields: previous, digit.
 RLDA_PRMFNL. Key field: previous.
 RLRT_SCRNING. Key fields: dest_x, screen_x, prefix.
 RLRT_ROUTING. Key field: route_x.

Action:

OSPS calls only route to trunks that are not outgoing operator trunks; terminations to these trunks are blocked. An OSPS call passed digit analysis and routing, but routed to a trunk that is an ISP outgoing operator trunk. The ROP output includes the dialed digits, incoming and outgoing trunk group numbers, and carrier.

If the carrier number on the ROP is 10000, the carrier is a local exchange carrier (LEC). Use RC/V View 5.1 (TRUNK GROUP) to find the digit analysis selector (DAS) for this trunk group. This information should be enough to trace through the digit analysis and routing office records to determine at what step the problem was introduced.

753. OAOQANTKUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in OT OAorigue function, FCANNTALK state. If the message is from the announcement terminal process, the announcement is idled and OAorigue is restarted in the FCWSEIZURE state; otherwise it is ignored. Dump msg.msghead.

754. OAOQWACKUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in OT OAorigue function, FCWACK state. The message is ignored. Dump msg.msghead.

755. OAOQWANUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in OT OAorigue function, FCWANNSETUP state. The message is ignored.

Dump msg.msghead.

756. OAOQWSZUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in OT OAorigue function, FCWSEIZURE state. The message is ignored.
Dump msg.msghead.type.

757. OAORANCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred when reading the RLCTINFO relation using the call_type key. It was not a DBNO_MATCH error.

758. OAORNOCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No rICTINFO tuple exists for the call_type key. A database inconsistency exists between the RLSTINFO and RLCTINFO relations, or between the RLCTINFO and RLAC_TKCT relations.

Data Structures:

RLCTINFO.

Action:

Search the RLCTINFO relation for a tuple with the call_type key. If none is found, use RC/V to insert the tuple. If an entry exists, contact the product engineering control center (PECC) and write an initial modification request (IMR).

759. OA_OSCNM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A mismatch of the originating station class was found while performing a terminating code screening (TCS) check.

760. OA_OSENMOCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed; could not allocate a message control block.

761. OAOSPDAGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OCRECORD	Audit Mode: elev

Problem:

The operator services position system (OSPS) call record DAGETOCREC macro returned an invalid pointer to

Probable Cause:

A bad call ID was passed as a parameter.

Action:

The OSPS call record audit is scheduled.

762. OAOTDBIDLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OAOTDB	Audit Mode: elev

Problem:

Failed to add the OAOTDB to the head of the DB_HEADC idle list.

Probable Cause:

The OAOTDB has a non-zero linkage to the idle head cell.

Action:

An OAOTDB audit is scheduled in elevated mode.

763. OAOTDBINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLOAOTDB initialization function OAinitotdb failed to insert a tuple or link a tuple to the idle list.

Probable Cause:

Unknown.

Action:

None.

764. OAOT_P_ERR (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to update the state of the talking path for an operator services call.

Probable Cause:

Dynamic data in the coinot dynamic relation is probably wrong.

Action:

Data dumped can be used to determine the failing area.

765. OAOTP_IFLOW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received at the originating terminal process (OTP) during the setup of an interflow call. This message was received after the interflow position terminal process (IPTP) was seized, but before the position terminal process (PTP) on OSPS-z was seized. The message contents are printed on the ROP.

766. OAOTR_VLDL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed because it received an invalid relation name. The relation could be missing from the

office dependent data (ODD), or the relation name could be incorrect in the ODD. The valid relation name is RLOTR_VLD.

767. OAOUT_CALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RLloopdb.outcall is corrupted.

768. OAPARM_RDF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred at the position terminal process (PTP) being monitored, or the PTP requested to be monitored. This PTP was trying to read the RLOSPSPARM relation. A system error reply was sent to the monitoring PTP. The switch value contains the office number.

769. OAPCBLAOTDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OAOTDB	Audit Mode: elev

Problem:

Failed to link the process control block link area (PCBLA) to the OAOTDB.

Probable Cause:

There is an existing linkage in the OAOTDB or PCBLA.

Action:

An OAOTDB audit is schedule in elevated mode.

770. OAPCBLAPBF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A single process purge was called when the associated process block (APB) to process control block link area (PCBLA) linkage was invalid and the dynamic access (DA) primitive failed.

771. OAPI2PTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PCPT2PICB macro was called to obtain a peripheral interface control bus (PICB) for a port and failed. This assert will dump the port that was used to access a peripheral interface data bus (PIDB).

Probable Cause:

No PICB exists for the passed in port

Action:

Check recent change view 5.5 to determine if the passed in port is valid.

772. OAPICBNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rPICB tuple failed. The ROP output contains the picb_no key value (the peripheral interface control bus [PICB] number).

Data Structures:

RLPICB. Key field: picb_no.

Action:

Use RC/V (or ODBE, if necessary) to cross check the key value used to access the RLPICB relation with the actual keys for the relation. Determine if the rPICB tuple exists, and possibly add a tuple to this relation.

773. OAPICBNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLPICB relation failed because the relation was not found in the database.

Data Structures:

RLPICB. Key field: picb_no (peripheral interface control bus [PICB] number).

Action:

Add the RLPICB relation to the database according to RC/V procedures.

774. OAPOLSERR (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are inconsistencies between the originating line screening relations (RC/V Views 26.1 [OSPS NPA-NXX SM ASSIGNMENT & LATA EXCEPTIONS], 26.2 [OSPS BACK NUMBER SCREENING], and 26.3 [OSPS BACK SCREEN CODE TABLE]) and the operator trunk relation (RC/V View 26.26 [ACCESS TANDEM INCOMING TRUNK GROUPS]).

Data Structures:

RLFCNPAMAP. Key fields: NPA, NXX.

RLFCSCRLNE. Key fields: Inoc, line number.

RLFCSCRRNG. Key field: Inoc.

RLFCTBNTBL. Key fields: Inoc, line number.

RLOLSR. Key field: scrncode.

Action:

On the ROP output, the first parameter is the error type. The following error types are given as part of the message:

- (1) The trunk type is dedicated screened from payphone, but no rIFCSCRLNE or rIFCSCRRNG tuple exists. The parameters printed are the NPA, NXX, line number, trunk group, trunk member, and ANI information digits for the back number. If the location routing number (LRN) of the back number exists, the LRN is also printed. Enter this line number or range on RC/V View 26.2 if it should be screened.
- (2) The trunk type is ANI-search from payphone, but no rIFCSCRLNE or rIFCSCRRNG tuple exists. The parameters printed are the NPA, NXX, line number, trunk group, trunk member, and ANI information digits for the back number. If the LRN of the back number exists, the LRN is also printed. Enter the line number or range on RC/V View 26.2 if it should be screened.

- (3) The call is a local-office-identified screened call from payphone, but no rIFCSCRLNE or rIFCSCRRNG tuple exists. The parameters printed are the NPA, NXX, line number, trunk group, trunk member, and ANI information digits for the back number. If the LRN of the back number exists, the LRN is also printed. Enter this line number or range on RC/V View 26.2 if it should be screened.

775. OAPOSAPBF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The associated process block (APB) to position data block (POSDB) linkage was invalid and the dynamic access (DA) primitive failed. A single process purge was called.

776. OAPOS_INIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAMPINIT code was received by an operator services position system (OSPS) feature model. The position init control key was depressed on the basic services terminal (BST), causing the process to be purged.

777. OAPOSLOOPF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The position data block (POSDB) to loop data block (LOOPDB) linkage was invalid and the dynamic access (DA) primitive failed. A single process purge was called.

778. OAPOS_LPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred when reading the RLPOS_LPRT relation. The error was not DB_RESOURCE.

779. OAPOS_LPRTF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database read of the RLPOS_LPORT relation failed. An rIPOS_LPORT tuple may be missing. This can be corrected by updating the office dependent data (ODD) to contain a tuple with the appropriate tuple key.

The key that was passed to the read function may have been invalid. Another possibility is that the relation name passed to the read function was invalid; this would be due to a system error.

Data Structures:

RLPOS_LPRT. Key field: posnum (position number).

Action:

Use RC/V View 21.32 (POSITION TO PORT MAPPING) to update the ODD to contain an rIPOS_LPRT tuple for the position number that is used by the process. The position number is printed on the ROP output.

780. OAPOS_READ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while reading the RLPOS_LPRT relation. The error was not DB_RESOURCE.

781. OAPOS_STILMON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitor position was not deactivated as a monitor position. One of the DBx... primitives failed. The switch value contains the position number.

782. OAPRL_ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

OAnrls.sd received an invalid return from the OAprlcheck() function. This return was not one of the return values defined for this function, which would include the default return value for cases (rare) in which the OAprlcheck() function would fall through. This could be caused by a memory fault in the SM that would corrupt the return value.

783. OAPRTFYL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to obtain a circuit name from rIFC_PORTTYP, a failure occurred.

Probable Cause:

There was no port matching the posdb_ptr->lbport.

Action:

Refer to RC/V 5.1 (TRUNK GROUP) to get information about the port.

784. OAPSLPRTRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while reading the RLPOS_LPTR relation. The error was not DB_RESOURCE.

785. OAPTRDBADD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not save the address of the rIPTRDB tuple in the semi-global data area.

786. OAPTREXRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pointer data block (PTRDB) resources have been exhausted from the idle list.

Probable Cause:

Call load has exceeded the expected amount for this resource.

Action:

If this is an SM-2000, overload control should report the condition and the office personnel will have to request more of this resource per administrative/engineering guidelines.

787. OAPTRFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

The DAfpcpr() function failed to populate a pointer to the pointer data block (PTRDB). This function follows the linkage of the process control block link area (PCBLA) to the PTRDB and populates a pointer to the PTRDB.

The probable cause may be that a PTRDB tuple is not linked to the PCBLA tuple.

Recovery action is to schedule the PTRDB audit.

788. OAPTRFARI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Failed to retrieve a pointer data block (PTRDB) from the idle list while trying to create a process that requires a PTRDB tuple.

Probable Cause:

The DA primitive received a bad parameter and could not find the idle list.

Action:

Schedule the PTRDB audit.

789. OAPTRFATI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Failed to attach a pointer data block (PTRDB) tuple to the idle list either during initialization of the PTRDB idle list, a request for more resources to be allocated by the craft, the addition of more resources due to the insertion of hardware related static tuples, or the deallocation procedure after a process is completed.

Probable Cause:

The DA primitive received a bad parameter and was not able to link the PTRDB tuple to the idle list, or the tuple was already on the idle list.

Action:

An elevated AUPTRDB audit is scheduled and processing returns to the calling function.

790. OAPTRLNKF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following dynamic access (DA) link primitives failed:

- The DAprac() primitive failed to link the pointer data block (PTRDB) and the automated calling card service data block (ACCSDB).

- The DAIPrqr() primitive failed to link the PTRDB and the query data block (QRYDB).
- The DAIPrtp() primitive failed to link the PTRDB and the toll and assistance operator position data block (TAPOSDB).

791. OAPTRLPCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Failed to link the pointer data block (PTRDB) to its owning process control block link area (PCBLA).

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to find either the PCBLA tuple or the PTRDB tuple.

Action:

Schedule the PTRDB audit.

792. OAPTRUPCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Failed to unlink the pointer data block (PTRDB) from its owning process control blocklink area (PCBLA).

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to locate either the PCBLA or the PTRDB tuples. Action:

Schedule the PTRDB audit.

793. OAPUR_PROC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When the MGOAKP_PS message is received from an operator, the virtual terminal (VT) model calls this assert to purge the receiving position terminal process (PTP). This message is related to a keying action on the operator terminal.

Note: No audits are specifically scheduled by this assert, but the single process purge uses audits to clean up the less important dynamic data. There will typically be a fair number of audit errors associated with this assert.

794. OAQBDBACOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert prints only when the external information system (EIS) global variable OAeisim is set to DBYES. The OAetkbact() function found an invalid class of charge specified in the MGBEGINACT message. The message specified that quantum platform access billing commence with the given class of charge. The invalid class of charge and the MGBEGINACT message are dumped.

Probable Cause:

The external vendor providing the quantum service specified an invalid class of charge, or operator services position system (OSPS) is not accepting all of the allowed class of charges.

Action:

Contact field support personnel.

795. OAQRYEXRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Query data block (QRYDB) resources have been exhausted from the idle list.

Probable Cause:

Call load has exceeded the expected amount for this resource.

Action:

If this is an SM-2000, overload control should report the condition and the office personnel will have to request more of this resource per administrative/engineering guidelines.

796. OAQRYFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAFPRQR() function failed to populate a pointer to the query data block (QRYDB). This function follows the linkage of the pointer data block (PTRDB) to the QRYDB and populates a pointer to the QRYDB.

Probable cause may be that a QRYDB tuple is not linked to the PTRDB tuple.

797. OAQRYFARI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

Failed to retrieve a query data block (QRYDB) tuple from the idle list while trying to create a process that requires a QRYDB tuple.

Probable Cause:

The DA primitive received a bad parameter and could not find the idle list.

Action:

Schedule the QRYDB audit.

798. OAQRYFATI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

Failed to attach a pointer data block (PTRDB) tuple to the idle list either during initialization of the QRYDB idle list, a request for more resources to be allocated by the craft, the addition of more resources due to the insertion of hardware related static tuples, or the deallocation procedure after a process is completed.

Probable Cause:

The DA primitive received a bad parameter and was not able to link the QRYDB tuple to the idle list, or the tuple was already on the idle list.

Action:

An elevated AUQRYDB audit is scheduled and processing returns to the calling function.

799. OAQRYFWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The qry_pending and fwd_chk attributes in an rITALOOPDB tuple were both DBYES when the OAZNNEXT() macro was called from SDL code. These two bits should never be DBYES at the same time. The OAZNNEXT() macro called the OAZnnext() function, which called this assert.

Action:

Examine the stack back trace to determine the function that called the OAZnnext() function and why both bits are set to DBYES. Contact field support personnel.

800. OAQRYLPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

Failed to link the pointer data block (PTRDB) to its owning process control block link area (PCBLA).

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to find either the PTRDB tuple or the QRYDB tuple.

Action:

Schedule the QRYDB audit.

801. OAQRYMODF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAaccs_init() function called the FCcreate() function to create the associated process block (APB) for QUERY. The FCcreate() function returned a failure code.

802. OAQRY_NOLOOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The query model no longer had an rITALOOPDB tuple. If this occurred on the reply side of the query model, it is most likely that during call processing, the loop was torn down while waiting for a query to be returned; but the outstanding query was not canceled (it should have been canceled).

803. OAQRYUPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

Failed to unlink the query data block (QRYDB) from its owning pointer data block (PTRDB).

Probable Cause:

A bad parameter was passed to the DA primitive and it was not able to locate either the PTRDB tuple or the QRYDB tuple.

Action:

Schedule the QRYDB audit.

804. OAQUERY_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remaining query results are not valid for the "wait for query/connection state". The OArplyqry() function is called when the OARPLY_QRY message is received in the "wait for query/connection state". The OArplyqry() function resides in the oa/OAncoc module.

Action:

The OArplyqry() function continues by returning NXTSTATE and going to the next state. The APB_ptr->int_msg.text[0] valued is dumped. No manual intervention is required.

805. OARASTUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in the OArasetup() function of the originating terminal process (OTP). This prevents an automated operator services position system (OSPS) directory assistance (DA) announcement from being played and forces the operator to give the announcement verbally.

806. OARATCFWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rate_quote, conn_pending, and fwd_chk attribute in an rITALOOPDB tuple were all DBYES when the OAZNNEXT() macro was called from SDL code. These three bits should never be DBYES at the same time. The OAZNNEXT() macro called the OAznnext() function, which called this assert.

Action:

Examine the stack back trace to determine the function that called the OAznnext() function and why the bits are set to DBYES. Contact field support personnel.

807. OARATCQFWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rate_quote, conn_pending, qry_pending, and fwd_chk attributes in an rITALOOPDB tuple were all DBYES when the OAZNNEXT() macro was called from SDL code. These bits should never be DBYES at the same time. The OAZNNEXT() macro called the OAznnext() function, which called this assert.

Action:

Examine the stack back trace to determine the function that called the OAznnext() function and why these bits are set to DBYES. Contact field support personnel.

808. OARATECONN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In a rITALOOPDB tuple, the rate_quote and conn_pending values were both DBYES when the OAZNNEXT() macro was called from SDL code. The value of the qry_pending attribute is independent of this assert. The OAZNNEXT() macro is defined to be the OAznnext() function, and the OAznnext() function calls this assert. Use the stack back

trace to determine the function that called the OAZnnext() function (via the OAZNNEXT() macro), then determine why both values are set to DBYES.

809. OARATFWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rate_quote and fwd_chk attributes in an rITALOOPDB tuple were both DBYES when the OAZNNEXT() macro was called from SDL code. These two bits should never be DBYES at the same time. The OAZNNEXT() macro called the OAZnnext() function, which called this assert.

Action:

Examine the stack back trace to determine the function that called the OAZnnext() function and why both bits are set to DBYES. Contact field support personnel.

810. OARATQFWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rate_quote, qry_pending, and fwd_chk attributes in an rITALOOPDB tuple were all DBYES when the OAZNNEXT() macro was called from SDL code. These three bits should never be DBYES at the same time. The OAZNNEXT() macro called the OAZnnext() function, which called this assert.

Action:

Examine the stack back trace to determine the function that called the OAZnnext() function and why these bits are set to DBYES. Contact field support personnel.

811. OARCLTYPFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recall delay type (rcl_dly_type) found in the rISRVOT tuple is invalid. Acceptable recall delay type values are specified in the file uhdr/db/DMdlytyp.G. The invalid value is dumped.

812. OARCNBFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

The OAcndatrls() function encountered an error when removing an rCOINOT tuple from the headcell busy list. An elevated AUOCOINOT audit is scheduled and processing returns to the calling function.

813. OARCNIFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: COINOT	Audit Mode: elev

Problem:

The OAcndatsz() function encountered an error when removing an rCOINOT tuple from the headcell idle list. An elevated AUOCOINOT audit is scheduled and processing returns to the calling function.

814. OARESX_READ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while reading the RLRESXDL relation. The error was not DB_RESOURCE.

815. OARET_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An if statement or function returned something other than success or failure.

816. OARETINVALID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) model called the OAeispsez() primitive; the primitive returned an unexpected value. This can occur when the MGOAMPOS_SZ or MGOAMUROP1 message is received.

When the MGOAMPOS_SZ message is received, the expected return values are OAEIS_CONT, OAEIS_SINF, OAEIS_FINF, OAEIS_SDSP, or OAEIS_FDSP. With the MGOAMUROP1 message, the expected values are OAEIS_CONT, OAEIS_SINF, or OAEIS_FINF. A value other than those listed was returned.

817. OARFBNARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisbna() returned an unexpected code when it was called by the OAEvent() function in the OAEROUTEF event. The unexpected return code is dumped.

Probable Cause:

The OAeisbna() function returned an invalid code, or the OAEvent() function is not accepting valid return codes.

Action:

Contact field support personnel.

818. OARGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error has been returned from an attempted read of a global parameter from within a transaction.

Probable Cause:

Unknown.

Action:

None.

819. OARHHCSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SDAPSDL	Audit Mode: elev

Problem:

An attempt to remove an SDAP SDL tuple from the head of the idle list failed. An elevated SDAP SDL audit is scheduled and processing returns to the calling function.

820. OAR_INCRSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for creation of the real time rating system (RTRS) terminal process (TP) was not OSRREPLACE. The reason field is dumped.

821. OARMBUSYF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

An error occurred while removing the toll and assistance LOOP database (TALOOPDB) from the DB_HEADC busy list. The assert will schedule an elevated TALOOPDB audit, and return to the caller.

822. OARMIDLEF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

A failure occurred while removing the toll and assistance LOOP database (TALOOPDB) from the DB_HEADC idle list. The TALOOPDB audit is scheduled.

823. OARMTAPF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

A failure occurred while removing the toll and assistance (T/A) LOOP database (TALOOPDB) from its T/A operator position data block (TAPOSDB) owner. The assert schedules an elevated TALOOPDB audit, and returns to the caller.

824. OARNOMATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No match was found for the real time rating system (RTRS) global port.

825. OA_RPDBP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function OAtlpcreat was called to create a loop and failed. The port will be displayed.

Probable Cause:

This failure occurred because an invalid port was found in a RLTAPOSD tuple.

Action:

Verify that a tuple exists for the port either in RC/V View 21.30 (OSPS - DSL PORT) or 21.4 (OPERATOR ASSIGNMENT).

826. OARPDBPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function OAtalpcreat() was called by FM to create a loop, and failed. The port and the class of charge will be dumped.

Probable Cause:

The failure occurred because the port found in RLTAPOSDB is a non-OSPS B-port.

Action:

Verify that the port exist on RC/V View 21.30, (OSPS - DSL PORT) or 21.4 (OPERATOR ASSIGNMENT).

827. OA_R_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The macro RTGETED() was called to obtain a D-port using a port retrieved from the process control block link area (PCBLA). However, the utility function Rlgeted() called from this macro was unsuccessful while reading databases to determine the D_port because a system error occurred, and thus returned GLERRPORT to the function OAgacdie(). This assert will display the passed in port. Other recovery actions will place the port on the out of service disable list.

828. OARQTYPINVALID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) model was given a call that had a TALLOOPDB->acd_data.req_type value that was not AC_NORMTRANS, AC_OPERTRANS, AC_POSTRANS, AC_NORMAL, or AC_RECALL. Also, the TALLOOPDB->oa_data.orig_cos value was not OA_TAOPER. This condition is not expected by this model.

829. OARSPCSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SDAPSDL	Audit Mode: elev

Problem:

An attempt to remove a specific SDAP_SDL tuple from a process control block link area (PCBLA) owner tuple failed. An elevated SDAP_SDL audit is scheduled and processing returns to the calling function.

830. OARSP_ENTRY (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of a system process failed because of an invalid entry reason.

Result:

The system process is purged.

Action:

Contact OSPS field support personnel. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

831. OARSP_ENTRY (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was passed to the OArspin() function in the real time rating system (RTRS) system process.

832. OARSPUNXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The real time rating system (RTRS) system process received a MGRTRS message with an unexpected message type.

833. OARSTATFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAlinkstat() function failed to update the real time rating system (RTRS) link status array.

834. OA_RSTPID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) could not be restarted because an invalid program ID was passed to the OSRESTART() macro.

835. OA_RSTTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The autoquote originating terminal process (AQ-OTP) could not be restarted because an invalid maxtime parameter was passed to the OSRESTART() macro.

836. OARTCRERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global default route number carrier for an operator services position system (OSPS) non-floatable call is not a valid carrier or can not handle a call.

Data Structures:

RLFC_CARR. Key field: carrid.

RLOCNTWK. Key fields: oanpa, oattc, oaosdc.

RLFCRSMCAT. Key fields: carrid, rsm_num, featgrp.

Action:

The global route carrier in global parameter Glrt_carr is printed in decimal. Use the carrier ID and feature group D as keys to RC/V View 10.3 (INTERLATA CARRIER) to verify that the carrier is valid and is an interexchange or a consolidated carrier. If this is not the case, then the global parameter is not set properly. Determine the correct carrier and use RC/V View 8.9 (OSPS OFFICE PARAMETERS) to update the route number carrier.

If the carrier is valid and the SM number printed is a remote SM (RSM), use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to verify that an entry exists for this carrier, feature group D, and SM number. If an entry is not present, the appropriate RSM dependent routing data must be inserted for this carrier to be used.

If the carrier is valid, the carrier can not handle the call to the printed route number dialed. If the dialed digits consist

of an NPA-TTC-OSDC (where TTC is the terminating toll center and OSDC is an operator special dial code) and if another carrier should handle this number, use RC/V View 26.21 (OSPS CARRIER FOR OPERATOR SPECIAL DIALED CODES) to insert an rIOCNTWK tuple with the correct carrier.

837. OAR_UNEXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The real time rating system (RTRS) terminal process (TP) received an unexpected operating system for distributed switching (OSDS) message from the OSWGETMSG() macro. The message is dumped.

838. OASACDRIERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The carrier identified by digit analysis for a service access code (SAC) call can not do remote SM (RSM) routing.

Data Structures:

RLFCRSMCAR. Key fields: carrid, rsm_num, featgrp.

Action:

The carrier ID from the RLDAPRIMDGT relation is printed in decimal. The SM number printed should be for an RSM. If SAC calls from this RSM to this carrier should be handled by this operator services position system (OSPS), determine the routing data and use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to insert an rIFCRSMCAR tuple for the feature group D (FGD) carrier.

839. OASACERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The carrier identified for a service access code (SAC) call was invalid.

Data Structures:

RLFC_CARR. Key field: carrid.

Action:

The SAC call carrier, determined by digit analysis, could not handle a call. The carrier ID from the RLDAPRIMDGT relation is printed in decimal. Use the carrier ID and feature group D as keys to RC/V View 10.3 (INTERLATA CARRIER) to verify that the carrier is valid.

The second number printed is the dialed digits. If the carrier is not valid, determine the correct carrier for this dialed number and update RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]). If the carrier listed is correct, but there is no rIFC_CARR tuple, determine the routing data and add an entry in RC/V View 10.3

840. OASCCSPERR (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch connection control system process (SCCSP) encountered an unexpected event or stimulus.

Probable Cause:

Check data dumped to determine the problem. Either the 5ESS® switch software or adjunct software needs to be updated to fix this problem.

Action:
Contact OSPA field support.

841. OASDAPPRMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A 1+800 speed dial auto-provisioning (SDAP) call was sent to reorder. ACCS special prompt treatment had specified the call was to be sent to an operator but 1+800 SDAP calls are never to be routed to an operator.

Action:

From View 27.70 determine the SSC WXY number for the tuple with 'SDAP' SERVICE TYPE. Using that number as the TN in View 27.70, insure that the corresponding PROMPT TREAT field is not 'OP'.

842. OASDNDESTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

On a software defined network (SDN) network remote access (NRA) call, an SDN routing number had an invalid call type (dest_type) on an operator services position system (OSPS) call. The SDN routing number is sent to OSPS in a query reply from the customer account services/network control point (CAS/NCP) database when validating a CAS calling card.

This problem may be caused by an invalid CALL TYPE in the local digit interpreter table (LDIT) data, or by an invalid SDN NRA digit analysis selector (DAS). The call is changed to a public network call, and an error message is displayed to the OSPS operator.

Data Structures:

RLDAPRLFNL. Key field: previous (LDIT of previous digit).

RLDAPRMFNL. Key field: previous.

The Glsdnds global parameter, which contains the DAS of SDN routing numbers, is also involved.

Action:

If the CALL TYPE in the LDIT data is not valid:

1. Obtain the LDIT from RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) using the DAS printed on the ROP as the key.
2. Use the LDIT obtained from View 9.1 and the SDN routing number digits printed on the ROP as keys to locate the invalid call type using RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) or office records form 5300-3/5 (LDIT). Correct the invalid CALL TYPE field using RC/V View 9.3.

If the SDN NRA DAS is not valid, correct the SDN NRA DAS field of the AATOS/SDN NRA section in RC/V View 8.9 (OSPS OFFICE PARAMETERS).

843. OASEND_FAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitoring process could not send a request to the administrative services AM system process to de-activate the position as a monitor. The switch value contains the position number. The position is not de-activated as a monitor position.

844. OASENDMSGFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed because it could not send a message to the operator services position system (OSPS) AM-SM message handler. This process is identified by the ospssid structure that is dumped.

845. OASETNRAF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glnraf global parameter using the DBrfgparm() primitive when it was called from the OAINACCSDB() function.

Probable Cause:

Unknown.

Action:

None.

846. OASEZ_TYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MGPOSTMRQ message seizure type or the rLOOPDB tuple seize_type field is corrupted. The MGPOSTMRQ message is sent from the automatic call distributor (ACD) to the operator services position system (OSPS) feature model.

847. OASIDRETBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value from the oa/OAeisot/OAsrv_id() function was detected. The return value will be dumped.

848. OASIGTRKCN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After an operator services position system (OSPS) origination on a non-intermediate switching point (non-ISP) trunk group, an inconsistency was found between the signaled automatic number identification (ANI) information digits and the trunk group data while attempting to identify the originating station type.

The ANI information digits indicated that the originating station was coin, but trunk group data (the cn_ind or pp_ind attributes in the RLFC_OPRTK relation) indicates that coin traffic is not allowed on this group.

Data Structures:

RLFC_OPRTK. Key field: trunk group.

Action:

There are two possible explanations:

1. A coin call was misrouted over the trunk group from the originating office. The originating number (NPA-NXX-LINENO) is dumped on the ROP. Trace back to the originating office and inform them of the misrouting.
2. Coin traffic should be allowed on the trunk group. Access RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS) using the trunk group dumped on the ROP to update the coin fields to allow coin traffic.

849. OASMIGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the Glnvdt global parameter using the DBrfgparm() primitive when it was called from the OAsminit() function in oa/OAfex/OAsminit.c.

850. OASMIGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the Glnint global parameter using the DBrfgparm() primitive when it was called from the OAsminit() function in oa/OAfex/OAsminit.c.

851. OASMIGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glnvdt global parameter using the DBrfgparm() primitive when it was called from the OAsminit() function in oa/OAfex/OAsminit.c.

852. OASMIGP4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glnint global parameter using the DBrfgparm() primitive when it was called from the OAsminit() function in oa/OAfex/OAsminit.c.

853. OASMOTMISS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A specific call requires that the OPSMOT package be loaded on the SM. Since it is not, the call cannot be further processed. The process is be purged. The port is dumped in the first 2 bytes of data.

Action:

Either move the specific trunk member to an SM that has the OPSMOT package by looking at RC/V View 18.1 to find the SM, or convert the SM where the trunk member is located (where the assert fired from) to a CONFIGURATION on RC/V View 18.1 that contains the OPSMOT package.

854. OASOLO_ACD (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Operator Services Position System (OSPS) automatic call distribution (ACD) data has sent a call to the OSPS - enhanced services platform which the platform cannot handle. This includes 2 party recalls, 1+ coin calls and more efficient call handling (MECH) calls. The call is sent to reorder and the offending call type is printed.

Data Structures:

RLCTINFO, Key field: call_type

Action:

Use the call type printed along with RC/V View 21.22 (OSPS CALL TYPE) to determine the serving teams associated with this call type. Update the data so no team associated with this call type has an OSPS - enhanced services platform login.

855. OASRBNARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisbna() returned an invalid code when it was called by the OAevent() function in the OASUCROUTE event. The invalid return code is dumped.

Probable Cause:

The OAeisbna() function returned an invalid code, or the OAevent() function is not accepting valid return codes.

Action:

Contact field support personnel.

856. OASRCCFLRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeiscfl() returned an invalid code when it was called by the OAevent() function in the OASUCROUTE event. The invalid return code is dumped.

Probable Cause:

The OAeiscfl() function returned an invalid code, or the OAevent() function is not accepting valid return codes.

Action:

Contact field support personnel.

857. OASRVCINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected service code was found in the external information system (EIS) call tuple during translation of an incoming EIS message. The invalid service code is dumped.

858. OASRVIDBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call with an associated service that does not require call type data or an operator seizure (for example, specialized 700 number) was identified in the oa/OAotoper/OAsrv_init() function with an invalid service ID. The invalid service ID will be dumped.

859. OASRVINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SRVOT initialization function, called during SM initialization, failed to insert a tuple or link a tuple to the idle list.

Probable Cause:

Unknown.

Action:**860. OASS7AILS (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SS7 Signaled call was received with foreign ANI or foreign PBX billing number. If the AILS feature is turned on, an AILS query will be sent to the normal serving OSPA office to obtain screening and time variance data associated with the signaled PBX billing number or ANI. This problem is caused by an error in 4ESSTM routing, or routing may have been altered due to temporary network emergency. Although this assert is identifying a problem, the call is allowed to continue.

The ROP output provides the signaled ANI or PBX billing number, and the originating trunk group number and member.

Action:

If the problem persists, contact the originating 4ESSTM toll office and inform them of the routing error.

861. OASTATREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLITNASTAT tuple was not found. This relation is used by the improved third number acceptance (ITNA) feature.

Data Structures:

RLITNASTAT. Key field: originating station type.

The carrier, tgn, and set_id attributes are also printed.

Action:

Add the originating station to the RLITNASTAT relation via RC/V View 26.33 (OSPA IMPROVED THIRD NUMBER ACCEPTANCE CALL TREATMENT).

862. OASTATUPDT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Update of the hotel billing information system (HOBIS)/hotel billing information center (HOBIC) link status array in the OAlnkupdt() function failed.

863. OASTINDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator type attribute value in the rISTINFO tuple with the directory assistance login ID is invalid.

Data Structures:

RLSTINFO. Key fields: serving team, serv_tm.

Action:

The rISTINFO tuple should be dumped and examined by a maintenance personnel. Use RC/V View 21.2 (SERVING TEAM) to set the value of st_optype to OSPSDA. File a trouble report.

864. OASTIN_OAEDI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RLstinfo. oaedi is corrupted.

865. OASTIN_RD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while reading the RLSTINFO relation. The error was not DB_RESOURCE.

866. OASTIN_TUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rISTINFO tuple is missing.

867. OASTWACKUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in OT OAopsetup function, FCWACK state. The message is ignored. Dump msg.msghead.

868. OATADA_MIX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call seized a toll and assistance position, but the operator type (oa_optype) in the position termination message is not OSPSTA; or a call seized a directory assistance position, but the operator type (oa_optype) in the position termination message is not OSPSDA.

The data dump contains the text of position termination request message. Contact the office data administration (ODA) organization. Direct attention to those static relations that are responsible for routing a call to a position.

869. OATANTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in setting the keys used to read the RLATATYPE relation, or the rLATATYPE tuple is missing.

Data Structures:
RLTATYPE. Key field: tatype.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLTATYPE relation with the actual key used to access the relation. If the tuple is missing, add it. If the key used to access the relation was set incorrectly, notify your next level of support. This relation is updated by RC/V View 10.1 (FIXED ROUTE [ROUTING]).

870. OATAPAPBF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The associated process block (APB) to toll and assistance operator position data block (TAPOSDB) linkage was invalid and the dynamic access (DA) primitive failed. A single process purge was called.

871. OATAVT_A (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The parameters passed to a toll and assistance (T&A) virtual terminal (VT) output function were inappropriate for that function, or the data that a T&A VT output function needed to access was invalid.

The following information is dumped. The defined values needed for translation of the dumps are found in the local header file oa/hdr/OAvtasrt.L.

1. An identifier specifying the VT output function that called the assert. The identifiers print as the following hex values: (1)OAvtack(), (2)OAvtlchg(), (3)OAvtscrm(), (4)OAvtlsup() or OAvtlcon(), (5)OAvtclr() or OAvtficlr(), (6)OAvtdep(), (7)OAvtone(), (8)OAvtrevl(), (9)OAvtdisp() or OAvttdisp(), (A)OAvtterr() or OAerrmsg(), (B)OAvtldkb(), (C)OAvtchkbk(), (D)OAvtredisp(), (E)OAmultstor(), (F)OAmultsend(), (11)OAvtfhan(), (12)OAvtcnpg(), (13)OAvttnsn(), (14)OAvtamlb(), (15)OAvtcnct(), (16)OAvtavt.sd, (17)OAblkkeys.h, (18)OAer_ind(), (19)OAvtcid(), (1A)OAvttrcll(), (1B)OAvtmnrevl(), (1C)OAmnta_vt.sd, (1D)OAvtiddata(), (1E)OAvtifk(), (1F)OAvtikup(), (21)OAmont_send(), (22)OAabsterrmsg(), (23)OAvtpcntl(), (24)OAmnt_send()

2. An identifier indicating whether the error condition was caused by invalid parameters or invalid data. The identifiers print as the following hex values: (1)invalid parameters, (2)invalid data.

3. An identifier specifying the parameter or data that was inappropriate. If the second field indicated invalid data, the data is dumped in this field. If the second field indicated an invalid parameter value, the following identifiers specify the parameters that were invalid: (1)first parameter, (2)second parameter, (3)third parameter, (4)fourth parameter.

872. OATCMOBF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There was not enough space for the traveling class mark (TCM) digits in the outpulsing buffer. The digits were outpulsed without the TCM. This could be an indication of errors in the prefixing and deleting data.

The first data dump (hexadecimal) is the trunk port on which the error occurred. The second data dump (hexadecimal) contains the digits outpulsed. This is the string, in ASCII, after prefixing and deleting has already been done. To convert, subtract 30 from each digit. The third data dump (hexadecimal) is the TCM that could not be appended.

Data Structures:

Key fields: outp_digs.dn, outtcm, alartcm.port.

Action:

Use RC/V to look up the port in the RLPORT_GROUP relation to find the trunk group that the port is in. Search the AM relation RLRT_MCRT for tuples that may route to the trunk group. Check that the prefixing and deleting could not result in a digit string longer than 14 for a 1-digit TCM or 13 for a 2-digit TCM.

If the resulting digit string is too long, correct the prefixing and deleting attributes using RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION).

873. OATCS_NMTCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuple was found when attempting to read the RLTCSTEXT or RLTCSSCRN relation using the screen code key printed on the ROP. This is an unexpected condition; a tuple matching this key should exist.

Data Structures:

RLTCSTEXT. Key field: scrncode (screen code).

RLTCSSCRN. Key field: scrncode.

Action:

The ROP output provides the relation name and the screen code key used to access the relation.

A data provisioning error has likely occurred. Access RC/V View 27.1 (OSPS TERMINATING CODE SCREENING TEXT AND RESTRICTIONS) using the screen code printed as the key. If a tuple exists, an internal error has occurred; contact your local support organization.

If the tuple does not exist, use RC/V View 27.1 to insert the tuple. If this is undesirable, change the corresponding tuple in RC/V View 27.2 (OSPS TERMINATING CODE SCREENING FOR NPA-NXX) or View 27.3 (OSPS TERMINATING CODE SCREENING & PCC FOR COUNTRY CODE) to use a screen code that is already defined in View 27.1. The appropriate keys for Views 27.2 and 27.3 can be found by inspecting the office records. Again, contact your local support organization because an RC/V cross-check may not be working properly.

874. OATDFRRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisfr() returned an invalid code when it was called by the OAevent() function in the OAETKDISCON event. The invalid return code is dumped.

Probable Cause:

The OAeisfr() function returned an invalid code, or the OAevent() function is not accepting valid return codes.

Action:

Contact field support personnel.

875. OATFBNARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisbna() returned an invalid code when it

was called by the OAEvent() function in the OAETERMFAIL event. The invalid return code is dumped.

Probable Cause:

The OAeisbna() function returned an invalid code, or the OAEvent() function is not accepting valid return codes.

Action:

Contact field support personnel.

876. OATFSTLVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAtfsetup() function received an unexpected value in the level field of the MGACQUEUED message. The level field is dumped.

877. OATIMEREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rTIMESET tuple was not found. This relation is used by the improved third number acceptance (ITNA) feature.

Data Structures:

RLTIMESET. Key field: time set ID.

The start and end time attributes are also printed.

Action:

Add the missing time set ID to the RLTIMESET relation with the associated start and end times via RC/V View 26.30 (OSPS IMPROVED THIRD NUMBER ACCEPTANCE TIME SET ID).

878. OATKCRERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default carrier identified in the operator trunk data was not valid.

Data Structures:

RLFC_OPRTK. Key field: tgroup.

RLFC_CARR. Key field: carrid.

RLFCRSMCAR. Key field: carrier, rsm_num, featgrp.

Action:

The carrier ID in the RLFC_OPRTK relation is printed in decimal. Use RC/V View 10.3 (INTERLATA CARRIER) to verify that this feature group D (FGD) carrier is valid and that it is not an international or local exchange carrier.

If the carrier is valid and the SM number printed is a remote SM (RSM), use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to verify that there is an rFCRSMCAR tuple for the carrier ID, FGD, and RSM number.

If the carrier is valid, but does not have an entry in View 26.22, determine the routing data needed and insert an rFCRSMCAR tuple. If the carrier is not valid, determine what the correct carrier should be and update the inter ID carrier on RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS).

879. OATKLCERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the carriers identified in the operator trunk data is not valid.

Data Structures:

RLFC_OPRTK. Key field: tgroup.

RLFC_CARR. Key field: carrid.

RLFCRSMCAR. Key fields: carrier, rsm_num, featgrp.

Action:

The carrier ID found in the RC/V View 26.26 (OSPS INCOMING TRUNK GROUP) is printed in decimal. Use RC/V View 10.3 (INTER-LATA CARRIER) to determine if this feature group D (FGD) carrier is valid.

to determine if this feature group D (FGD) carrier is valid. If the carrier is valid and the SM number printed is a remote SM (RSM), use RC/V View 26.22 (OSPS RSM/CARRIER DATA) to determine if an rIFCRSMCAR tuple exists for the carrier ID, FGD, and RSM number.

If the carrier is valid, but does not have an entry in RC/V View 26.22, determine the routing data needed and insert an rIFCRSMCAR tuple.

If the carrier is not valid, determine the correct carrier and update that carrier in RC/V View 26.26 (OSPS INCOMING TRUNK GROUPS).

880. OATKORTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) external information system (EIS) function OAespgtmsg() received an internally formatted message from an EIS on a call processing data link (CPDL) terminating on another SM. The EIS system process of this SM received the message due to the EIS SM specified in the message; however, no CPDLs to any EIS are available on this particular SM.

The EIS SM value may have been corrupted. The message received is dumped to indicate the SM from which it was sent, along with the message type and the EIS ID of the EIS sending the message.

881. OATKOVERBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert only prints when the operator services position system (OSPS) external information system (EIS) integrity monitor flag OAeisim is set to DBYES (1). On a link takeover incoming message from the external vendor, the version ID in the incoming message differed from the version ID in the associated rIEISCALL tuple. The incoming message, rIEISCALL tuple, and rIEIS_LNK tuple are dumped. The incoming message is dropped.

Probable Cause:

The version ID was corrupted in the incoming message or in the rIEISCALL tuple.

Action:

Contact field support personnel.

882. OATLAAS1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to add an rICBDB tuple to the idle list using the DAahhccb() primitive in the OAtlprtacc() function in oa/OAopinit/OAtlprtacc.c. An elevated FC_CBDB audit is scheduled and processing returns to the caller.

883. OATLAFI1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to insert an rICBDB tuple using the DBfintup() primitive in the OAtlprtacc() function in oa/OAopinit/OAtlprtacc.c. An elevated FC_CBDB audit is scheduled and processing returns to the caller.

884. OATLAGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcddb global parameter using the DBrfgparm() primitive in the OAtlprtacc() function in oa/OAopinit/OAtlprtacc.c.

885. OATLAGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcddb global parameter using the DBrfgparm() primitive in the OAtlprtacc() function in oa/OAopinit/OAtlprtacc.c.

886. OATLAGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcddb global parameter using the DBrfgparm() primitive in the OAtlprtacc() function in oa/OAopinit/OAtlprtacc.c.

887. OATMAREA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid local time zone area was received when an attempt was made to determine the time zone area in which the calling customer resides. This is caused by one of two reasons:

1. The time zone area specified in the RLFC_TMZN relation for the calling numbering plan area (NPA) was invalid.
2. The time zone area specified in the RLFC_NXXZN relation for the calling NPA and office code (NXX) is invalid.

Data Structures:

RLFC_TMZN. Key field: NPA.

RLFC_NXXZN. Key fields: NPA, NXX.

Action:

Use RC/V to verify that the time zone attribute specified in the rIFC_TMZN tuple and rIFC_NXXZN tuple for the specified NPA is one of the allowed values. If necessary, correct the problem by using RC/V View 26.14 (OSPS NPA TIME ZONES) for the RLFC_TMZN relation and View 26.12 (OSPS NXX OUTSIDE OF MAJORITY TIME ZONE) for the RLFC_NXXZN relation.

The allowed values are:

PRI - same time as the operator services position system (OSPS) base system clock.

ALT1 - a telephone company administration (TCA) specified area whose time may differ from the time at the OSPS switch; the time difference can be found in the Gla1zone global parameter.

ALT2 - a second TCA specified area whose time may differ from the time at the OSPS switch; the time difference can be found in the Gla2zone global parameter.

888. OATMREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFC_TMZN relation could not be found when an attempt was made to determine if a tuple was present. This relation contains data about the time zone for each numbering plan area (NPA).

Data Structures:

RLFC_TMZN. Key field: npa.

Action:

Add the RLFC_TMZN relation using RC/V View 26.14 (OSPS NPA TIME ZONES) according to the Translation Data Manual. Actual data may be obtained from the operator services position system (OSPS) switch data engineer.

889. OATMSCOPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During interflow initialization, an unrecognized value for the initialization scope parameter was passed from terminal maintenance (TM) to operator actions (OA). The only acceptable values are TM_DSL_SCOPE for initializing a digital subscriber line (DSL) facility, and TM_B_SCOPE for initializing a single B-channel. Defensive action is taken by TM when the OA function returns an error code.

890. OATMZN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rRFC_TMZN tuple was missing when an attempt was made to obtain time zone data about a numbering plan area (NPA).

Data Structures:

RLFC_TMZN. Key field: npa.

Action:

If the rRFC_TMZN tuple is missing, verify that the NPA is handled by this office. If so, use RC/V View 26.14 (OSPS NPA TIME ZONES) to add the tuple. Information on relations can be found in Translation Data Manual. Actual data may be obtained from operator services position system (OSPS) switch data engineers.

891. OATNSBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while attempting to populate the transit network selection parameter into the MGISSETUP message for operator services position system (OSPS) calls. The following data is dumped. The feature indicators that show what type of call was populating the data, the feature information that includes the data to populate the message, and the transit network selection data that has failed.

892. OATPOAS1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LOOPDB	Audit Mode: elev

Problem:

Failed to add an rLOOPDB tuple to the idle list using the DBaddset() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c. An elevated LOOPDB audit is scheduled and processing returns to the caller.

893. OATPOAS2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

Failed to add an rTALOOPDB tuple to the idle list using the DBaddset() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c. An elevated TALOOPDB audit is scheduled and processing returns to the caller.

894. OATPOAS3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to add an rCBDB tuple to the idle list using the DAahhccb() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c. The elevated FC_CBDB audit is scheduled and processing returns to the caller.

895. OATPOFI1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LOOPDB	Audit Mode: elev

Problem:

Failed to insert an rLOOPDB tuple using the DBfintup() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c. An elevated LOOPDB audit is scheduled and processing returns to the caller.

896. OATPOFI2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TALOOPDB	Audit Mode: elev

Problem:

Failed to insert an rTALOOPDB tuple using the DBfintup() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c. An elevated TALOOPDB audit is scheduled and processing returns to the caller.

897. OATPOFI3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to insert an rCBDB tuple using the DBfintup() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c. The elevated FC_CBDB audit is scheduled and processing returns to the caller.

898. OATPOGP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gloop global parameter using the DBrfgparm() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

899. OATPOGP2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gloop global parameter using the DBrfgparm() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

900. OATPOGP3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gtloop global parameter using the DBrfgparm() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

901. OATPOGP4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gtloop global parameter using the DBrfgparm() primitive when it was called from the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

902. OATPOGP5 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gloop global parameter using the DBrfgparm() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

903. OATPOGP6 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Gtloop global parameter using the DBrfgparm() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

904. OATPOGP7 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcddb global parameter using the DBrfgparm() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

905. OATPOGP8 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcddb global parameter using the DBrfgparm() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

906. OATPOGP9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update the Glcddb global parameter using the DBrfgparm() primitive in the OAtposlprt() function in oa/OAfex/OAtposlprt.c.

907. OATPSDPOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a tuple in the RLPOSDB relation. The rIPOSDB tuple key is dumped.

908. OATPSDTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to delete a tuple in the RLTAPOSDB relation. The rITAPOSDB tuple key is dumped.

909. OATPSGTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) macro used to obtain the rITAPOSDB tuple failed. The rITAPOSDB tuple key is dumped.

910. OATPSIPOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLPOSDB relation. The rIPOSDB tuple is dumped.

911. OATPSITP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the RLTAPOSDB relation. The rITAPOSDB tuple is dumped.

912. OATPSPRLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) primitive used to obtain the rIORTLA tuple failed. The rIORTLA tuple key is dumped.

913. OATPSPSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) macro used to obtain the rIPOSDB tuple failed. The rIPOSB tuple key is dumped.

914. OATRKCK_COC_OPINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAcocck() function called the OAcotrckk() function to determine the trunk type that the call came in on. This is an operated initiated call; that is, it is a guest call but not an automatic charge quotation service (ACQS) origination, or the call has a class of charge of hotel but it is not an ACQS origination.

To reach this point, the OAbknoinfo() function called the OAacqstrnk() function that called the OA_acqsck() function. OA_acqsck() determined whether or not the back number was from an ACQS establishment. If this point is reached, then an error has occurred.

Action:

The call will automatically be converted into an ACQS call and class of charge screening will be performed. No manual intervention is needed.

915. OATRKGRP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected enumeration value was encountered on the switch on loop_ptr->ta_data.acqs_trkgrp. This switch is located in the OAacqstrnk() function, which is called by the OAbkno_info() function, which in turn is called when the back number is entered.

Action:

The OAacqstrnk() function calls the assert and continues. The loop_ptr->ta_data.acqs_trkgrp value is dumped. No manual intervention is required.

916. OATRN_BAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The transfer function OATrncheck() returned an invalid return value to the calling code. The address of the return value is given, and a macro call is made to go on to the next appropriate state.

917. OATRNCATED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A truncated message was returned to the OAtty_test() function by the OSWGETTYPE() macro.

918. OATRNGREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIITNATGN and rIITNATRNG tuples were not found. These relations are used by the improved third number acceptance feature.

Data Structures:

RLITNATGN. Key fields: orig_stat, carrier, trunk_num.

RLITNATRNG. Key fields: orig_stat, carrier, tupnum.

The attributes printed from the RLITNATGN relation includes the orig_stat (originating station type), carrier, trunk_num (trunk group number), and set_id (time set ID).

The attributes printed from the RLITNATRNG relation includes the orig_stat, carrier, tupnum (tuple number), num_rng (number of ranges specified for a given tuple), and tgnrng (trunk group number ranges). The tgnrng attribute is a structure containing a beginning and ending trunk group number and an associated time set ID.

Action:

Add the missing information to the database via RC/V View 26.33 (OSPS IMPROVED THIRD NUMBER ACCEPTANCE CALL TREATMENT).

919. OATRNOLES (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred why doing originating line screening (OLS) on the trunk rating number (TRN) contained in the generic operation parameter (GOP) for an incoming CCS7 wireless originated call. The first argument dumped in the assert indicates what type of error occurred.

Error type 1: TRN received was of the form NPA-000-0000 and a true billing number (TBN) was not found in RC/V View 26.2 [OSPS BACK NUMBER SCREENING LIST (VLIST)].

Error type 2: An incoming CCS7 wireless call was received indicating that it arrived on a combined wireline/wireless trunk, but the TRN was not found in RC/V View 26.2 or a "Scrn Code" value of 0 was assigned to the TRN in RC/V View 26.2.

The ROP output provides the error type and the TRN's NPA, NXX, line number.

Action:

Error type 1: In RC/V View 26.2 using the TRN printed in the ROP output as the keys, either update the existing tuple with a TBN, or add a new tuple that contains a TBN.

Error type 2: In RC/V View 26.2 using the TRN printed in the ROP output as the keys, either update the existing tuple with a non-zero "Scrn Code", or add a new tuple that contains a non-zero "Scrn Code".

920. OATSTACCS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) macro used to obtain the rIACCSDB tuple was not successful. The rIACCSDB tuple is dumped.

921. OATTKUXM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in the OAopto_tlk() function. The message header is dumped.

922. OAUESCTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office data specified an invalid voice messaging service (VMS) interface access telephone number (TN). The call could not be transferred to the VMS as the customer requested. If the call was handled by an operator, the operator received an error display. If the call was handled in the automated calling card service (ACCS), the caller received the same treatment as if they had dialed an incorrect number (typically, an error announcement or re-order if the dialing error threshold was reached).

Data Structures:

RLESPINFO. Key fields: VMSI access codes, access TNs.

The access code (XXX), access TN (NPA-NXX-XXXX), and digit analysis selector (DAS) (XXX) are dumped on the ROP.

Action:

The access code indicates the VMS that was requested by the operator or the caller. Determine the correct access TN for the access code. If the access TN printed is not correct, use RC/V View 27.65 (VOICE MESSAGING SERVICE INTERFACE) with the access code as the key, to correct the access TN. (ODBE may be used, if necessary, on relation RLESPINFO.)

If the access TN is correct, verify that routing data exists for this TN. Use RC/V View 9.1 (DIGIT ANALYSIS SELECTOR [OFFICE DIALING]) with the DAS as the key to find the INC DIT and LDIT values. Use RC/V View 9.5 (INCOMING TRUNK DIGITS [OFFICE DIALING]) with INC DIT as the key and the access TN as the INC DIGS to verify the routing data for this TN.

If the LDIT field is Y in RC/V View 9.5, use RC/V View 9.3 (LOCAL DIGIT [OFFICE DIALING]) with the LDIT from View 9.1 and the access TN as the INC DIGS to verify the routing data for this TN.

RC/V Views 9.5 and 9.3 may use only part of the access TN, or they may use the entire number.

923. OA_UESNMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service system process (ACQS-SP) received an unexpected return from the OSSENDMSG() macro.

924. OAUEXPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ATP received an unexpected message from the OSWGETMSG() macro.

925. OAUEXPRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ATP received an unexpected return from the OSWGETMSG() macro.

926. OAUGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There has been an error in updating a global parameter.

Probable Cause:

Unknown.

Action:

None.

927. OAUKN_MSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual network (VN) model sent an invalid message type to near position release when a transfer or position release failed. The code returns to the wait action state, so no recovery action is needed.

928. OAUMSGWR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message type was received. The message buffer is printed. Return to the function that issued the assert request.

929. OAUNEECDPDL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call was routed to an SM that contains no call processing data links (CPDLs) to the EIS selected for the call. The rIEISLKSEL (external information system [EIS] link select) tuple associated with the indicated EIS may not have been inserted.

Data Structures:

RLEISLKSEL.

Action:

The CPDLs need to be grown on this SM, or operators who provide services requiring this EIS must log in on terminals connected to SM's terminating CPDLs for the needed EIS. If the rIEISLKSEL tuple was not inserted, the RLEISLKSEL audit should correct the problem.

930. OA_UNEXCLSS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAhbc_hdlr() function detected an invalid message class; the quote is not sent to the hotel billing information center (HOBIC).

931. OAUNEXFWCKR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) position terminal process (PTP) NEAR MAIN model received a forward number check reply (OAMFRPLY) input when the fwd_chk attribute in the rITALOOPDB tuple was set to DBNO. This input should never be received by this model when fwd_chk is DBNO.

Probable Cause:

The external information system (EIS) model incorrectly forwarded this input to the NEAR model, or the fwd.chk attribute in the rITALOOPDB tuple was updated incorrectly.

Action:

Contact field support personnel.

932. OAUNEXPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

While creating the ACCS-TP or pseudo ACCS-TP process, it was found that a PTRDB tuple was already attached to the PCBLA for that process. This should never occur because all resources are unlinked when a process dies. No idle resources should be linked to anything.

Probable Cause:

A failure occurred while unlinking resources from a previous process. There is a case missing where resources must be unlinked.

Action:

Schedule the PTRDB audit.

933. OAUNEXQRY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

While creating the ACCS-TP, it was found that a QRYDB tuple was already attached to the PCBLA for that process. This should never occur because all resources are unlinked when a process dies. No idle resources should be linked to anything.

Probable Cause:

A failure occurred while unlinking resources from a previous process. There is a case missing where resources must be unlinked.

Action:

Schedule the QRYDB audit.

934. OAUNEX_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from a function call in the automated calling card service (ACCS) NEAR model.

935. OA_UNEXWMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic charge quotation service (ACQS) system process received an unexpected message from the

OSWGETMSG() macro.

936. OAUNK_CARR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This call used a carrier that was defined in RC/V View 10.3 (INTER-LATA CARRIER), but the carrier data needed in RC/V View 26.25 (ACCESS TANDEM ROUTE INFO. FOR PRIMARY & ALTERNATE TOLL & ASSIST. O.S.) was missing. The carrier data is from the RLFC_DIOPR relation.

Data Structures:

RLFC_DIOPR. Key fields: carrier, bcarrier.

Action:

Use RC/V View 26.25 to insert the missing carrier data. If the data exists, use RC/V View 21.33 (OSPS SWITCHING MODULE GROWTH) for the asserting SM to set the OPRT 2 field to Y.

937. OAUNONOFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNONOFF tuple was not found with the associated keys.

Data Structures:

RLUNONOFF. Key fields: ARS group ID, on-network digits.

Action:

An rLUNONOFF tuple must be inserted into the database. The ROP information provides the automatic route selection (ARS) group ID and the on-network network number.

Use the base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. Use RC/V View 9.23 (ON NETWORK NUMBER CONVERSION) to insert the appropriate tuple. File a trouble report.

938. OAUNRLOFFON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNOFFON tuple was not found with the associated keys.

Data Structures:

RLUNOFFON. Key fields: ARS group ID, value of the conversion index.

Action:

An rLUNOFFON tuple must be inserted into the database. The ROP information provides the automatic route selection (ARS) group ID, the conversion index value, the off-network network number, and the current dialing plan number.

Use the base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. Use RC/V View 9.22 (OFF NETWORK NUMBER CONVERSION) to insert the appropriate tuple. File a trouble report.

939. OAUNSDS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNSDS tuple was not found with the associated keys.

Data Structures:

RLUNSDS. Key fields: ARS group ID, value of the conversion index.

Action:

An rLUNSDS tuple must be inserted into the database. The ROP information provides the automatic route selection (ARS) group ID, the conversion index, and the dialed digits.

Use the base relation RLFACNAME to recover the ARS group name associated with the reported ARS group index. Use RC/V View 9.21 (PRIVATE NETWORK DIALING PLAN) to populate the appropriate tuple. File a trouble report.

940. OAUNTRANROW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLUNCNFLCT tuple was not found.

941. OAUNXDESTTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid call type was populated for the local digit interpreter table (LDIT)/incoming digits (INC DIGITS) combination.

Data Structures:

RLFC_TRUNK. Key field: port

Action:

Use the digit analysis selector (DAS) value dumped as the key for RC/V View 9.1 (DIGIT ANALYSIS). This view gives the LDIT associated with the call. The LDIT and the INC DIGITS are the keys for RC/V View 9.3 (LOCAL DIGITS). Change the call type field to a valid value for this LDIT/INC DIGITS combination. See the Translation Guide 5ESS[®] Switch TG-5 Vol. 1, Div. 3 (Translation Administration), Sec 3c (Routing and Charging Forms - Local Digit Interpreter Table (5300-3/5) - LDIT) for valid values.

942. OAUNXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) operator actions model received an unexpected message. This is usually a symptom of another problem. The message is ignored and processing continues.

943. OAUNXPATHTREL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual network (VN) model received the MGPATHT_REL message from a terminating terminal process (TTP), originating terminal process (OTP), or conference circuit; this message should not have been received. This may be the result of improper call handling, a path continuity error, or a hardware error.

If the MGPATHT_REL message is from a conference circuit, the path that was dropped is dumped. The following

information is also dumped: associated process block (APB) key, model ID, state of the model, type of input message, where the message is from, far process ID, APB tag, value switched on, and external message header.

944. OAUNX_PID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The APB_ptr->int_msg.from value is corrupted in an incoming internal message. The pid value is unknown.

945. OAUNXREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The monitored process received an unexpected path release message.

946. OAUNXRES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected response was received in a message. This is most likely caused by falling into the default case of a switch statement.

Action:

Add the appropriate handling of the response in the switch statement.

947. OAUNXSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) operator actions (OA) model received an unexpected signal. This is usually indicates incorrect logic or another problem. The message is ignored and processing continues.

948. OAUPCCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBDB	Audit Mode: elev

Problem:

Failed to unlink the call build up data block (CBDB) and the process control block link area (PCBLA). As a result, the CBDB cannot be released. The call is not affected.

949. OA_U_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The macro RTGETED() was called from within the function OAgacdie() to obtain a D-port for a port retrieved from the process control block link area (PCBLA). In the process of obtaining the D-port the utility function RIgeted() called from the macro failed and returned GLNULPORT. This assert will dump the port that was used to determine the D-port.

950. OAUXPMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown or unexpected message was received. Note the occurrence and continue.

951. OAUXRCLR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in the OAatp_init() function after the MGCLR_BACK message was sent to the originating terminal process (OTP). The call is idled.

952. OAVMS_BADPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) automated calling card service terminal process (ACCS-TP) received an internal MGVMS_ANN message from the originating terminal process (OTP) that requested playing a voice messaging service interface (VMSI) announcement prompt, or aborting the prompt in progress.

The information in the message (that is, the action to take [play or abort]) was not consistent with the state of the ACCS-TP, or call disposition is indeterminate. The message header and the text containing the action and the call disposition will be dumped.

953. OAVMSUNXCDSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) originating terminal process (OTP) received one of the following messages: MGOSPS_RPLY from the common channel signaling system 7 (CCS7) terminating terminal process (TTP), MGVMS_CMP from the automated calling card service terminal process (ACCS-TP), or MGTIMER when the FCVMSWCMP timer expires. The message received had an invalid call disposition. The OTP action was to play a VMSI-3 announcement prompt (for MGOSPS_RPLY) or to abort the prompt in progress (for MGVMS_CMP or MGTIMER), and the call disposition was not ring or busy. The process control block link area (PCBLA) data and the requested action (play or abort) will be dumped.

954. OAVMS_UNXEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) originating terminal process (OTP) received an external MGOSPS_RPLY message from a common channel signaling system 7 (CCS7) terminating terminal process (TTP) with an invalid event type. The OTP could not determine the call disposition. The message content and the process control block link area (PCBLA) data will be dumped in addition to the stack data.

955. OAVT_BADPSDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAmultstor() function (in operator services position system [OSPS] virtual terminal [VT] code) found an invalid pointer to the RLGDA, RLPTRDB, or RLTAPOSDB relation. Without access to this data, the messages intended for the operator position or interflow position cannot be sent. Because the process is no longer able to function, a single process purge is requested.

956. OAVTBD_DB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interflow virtual terminal (VT) input model (OAtavt.sd) received an MGISDNDATA message, and the consistency check between the RLTALOOPDB relation and the RLTAPOSDB relation failed. The looptype in the rITALLOOPDB tuple indicates OSPS-z, and the if_pos and loopif in the rITAPOSDB tuple does not indicate OSPS-z. The data referenced by both tuples is dumped.

957. OAVT_BD_IFM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interflow virtual terminal (VT) input model (OAtavt.sd) on OSPS-a received an MGIFISDNDATA keystroke message and the key is not known. The message is dumped.

958. OAVTE_KILD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interflow virtual terminal (VT) input model (OAtavt.sd) received an MGOAMKILLD message on a wrong operator services position system (OSPS) switch, that is, OSPS-a or interflow position. The VT ignores this input and returns to the wait state.

959. OAVTE_MRCV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interflow virtual terminal (VT) input model (OAtavt.sd) received an MGMNRCVR (monitor recover call request) message on the wrong operator services position system (OSPS) switch. The VT ignores this input and returns to wait state.

960. OAVT_OLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred while reading the RLFCSCRCDE or RLOLSR relation. Both relations are populated in RC/V View 26.3 (OSPS BACK SCREEN CODE TABLE).

Data Structures:

RLFCSCRCDE. Key field: scrncode (originating line screening [OLS] code).

RLOLSR. Key field: scrncode.

Action:

Use RC/V View 26.3 (or ODBE, if necessary) to check the key used for accessing the RLFCSCRCDE or RLOLSR relation with the actual keys for the relation. Verify that the relation or tuple exists, and if necessary add the relation or the tuple.

961. OAVT_TCS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failure occurred while reading the RLTCSTEXT relation.

Data Structures:

RLTCSTEXT. Key field: scrncode (terminating screening code [TCS] code).

Action:

Use RC/V View 27.1 (OSPS TERMINATING CODE SCREENING TEXT AND RESTRICTIONS) (or ODBE, if necessary) to check the key used for accessing the RLTCSTEXT relation as output on ROP with the actual keys for the relation. Verify that the relation or the tuple exists; if necessary, add the relation or the tuple.

962. OAWARBNARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisbna() returned an invalid code when it was called by the OAevent() function in the OAEWAREPLY event. The invalid return code is dumped.

Probable Cause:

The OAeisbna() function returned an invalid code, or the OAevent() function is not accepting valid return codes.

Action:

Contact field support personnel.

963. OAWATBNARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisbna() returned an invalid code when it was called by the OAevent() function in the OAEWATIMER event. The invalid return code is dumped.

Probable Cause:

The OAeisbna() function returned an invalid code, or the OAevent() function is not accepting valid return codes.

Action:

Contact field support personnel.

964. OAWDISCUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by OT OAopsetup function, FCWDISCON state. The message is ignored. Dump msg.msghead.

965. OAWRAFUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in the OAWRAFDISC state of the originating terminal process (OTP) OAopsetup() function after the MGONHOOK or MGINTERRUPT message was previously received by the OTP. The call will be idled.

966. OAWRLBNARET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The external information system (EIS) interface call event point function OAeisbna() returned an invalid code when it was called by the OAevent() function in the OAEWARELEASE event. The invalid return code is dumped.

Probable Cause:

The OAeisbna() function returned an invalid code, or the OAevent() function is not accepting valid return codes.

Action:

Contact field support personnel.

967. OAWSETUXM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received in OT OAopsetup function, FCWSETUP or FCRWSETUP states. The message is ignored. Dump msg.msghead.

968. OAZANCTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An announcement type of 0 was detected; the announcement type is dumped.

969. OAZERONPA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An improper numbering plan area (NPA) was found on RC/V View 26.26 (ACCESS TANDEM INCOMING TRUNK GROUPS).

Data Structures:

RLFC_OPRTK. Key field: tgroup.

Action:

The ORIG NPA field on RC/V View 26.26 was set improperly. The ROP output provides the trunk group number and the ORIG NPA value associated with the trunk group.

For intercept, the ORIG NPA field must be set to the NPA from which the intercept traffic is originating. However, an invalid value was found for the printed trunk group number. Use RC/V View 26.26 for the indicated trunk group to change the ORIG NPA field to the correct value (the NPA of the far end of the trunk group).

970. OAZIP_OTDBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to obtain a OAOTDB from the idle list. The incoming trunk group is printed.

Probable Cause:

There are not enough OAOTDBs tuples.

Action:

Verify for all incoming trunk groups carrying operator traffic that there exists an entry in RC/V View 26.26.

If RC/V View 26.26 exists for all trunk groups on this SM that are receiving operator traffic, allocate more RLOATDBs using IOAOTDB on RC/V 8.40, "SRE INCREMENTAL GLOBALS."

If the problem persists, contact your next level of support.

Range: op**1. OP_AR_ACC_DB (5E14 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This ASSERT is called when DB(read/update)tup != GLSUCCESS.

2. OP_AR_END_DB (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This ASSERT is called when DBendtrn != GLSUCCESS.

3. OP_AR_OPN_DB (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This ASSERT is called when DBopnrel != GLSUCCESS. The macro DBOPNREL, found in op/OPsyspro/OPautmsg.h, is called from op/OPsyspro/OPautrec() to open a relation in the database.

4. OP_BADMSGTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message type received is not known.

5. OPBADROUTE_ENTRY (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad route entry was found in the TCP/IP route tables.

Probable Cause:

An unexpected condition occurred.

6. OPBADTRGRS (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert will be used as a result of failure when trigger function is called with invalid reason.

7. OPCSADASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad OS primitive calls for CSADB/RSDS features.

8. OPINVALID_PID (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid PID was found to exist for a TCP/IP link.

Action:

Remove and then restore the TCP/IP link that is bad.

9. OPNOPORTLA (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A key used to access the PORTLA tuple using the DAGETPTLA macro does not match the key contained in the tuple referenced. The elevated audit requested should reconstruct the PORTLA tuple from static data and schedule the appropriate recovery. It may be possible that the corresponding rIFC_PORTTYP tuple is missing or corrupt for the identified port; if this ASSERT repeats, this static data should be interrogated using Recent Change or ODBE. The key used to access the tuple and the key contained in the tuple are dumped, respectively.

10. OP_OS_BAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid operating system (OS) call return code was encountered.

11. OP_RANGE (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data is out of range.

12. OPUNXMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AS SM system process has received an unexpected message. Dump of message follows on ROP.

13. SES_2_ASRT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad entry reason for SP initialization.

14. TP_BADMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A BAD MESSAGE was received by the process. The message will printed on the ROP.

15. TPBADTCPMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TCP received a BAD TCP message from the remote side or lower layers have not processed the message correctly.

16. TPDBOPFAIL (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The DB operation of one of the relations has failed. The process associated with the relation has been purged because it could cause the process to remain forever.

17. TPGLTCPPKTINVAL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When a attempt was made to increase rITCPPKT, either the tuple with key of GLtcpkt was not found or the value of the GLtcpkt is incorrect.

18. TPINCORRECTHDR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TCP header was formatted with no sync, reset or ack bit set. This is an error.

19. TP_INVACTION (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The action for the control is invalid.

20. TP_INVALHDRSEQ (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sequence in the TCP header is invalid.

21. TPINVBLKSTATE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state of the TCP block is invalid.

22. TP_INVCTRL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The control received is invalid for this controller.

23. TPINERROR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The error value in the TCP block is incorrect. The error value is dumped.

24. TPINVLDPROC (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process has called the transport with a incorrect processor type.

25. TPNODALB (5E14 and later)

Recovery Action: spp	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

There has been a failure to access the DALB associated with an active process. With no DALB, the process is isolated from its port. Without access to the "real world", there is no reason to continue being a process. The process is purged and the DALB audit is scheduled.

26. TPNOPORTYPE (5E14 and later)

Recovery Action: spp	SPP: n	Audit: PORTTYP	Audit Mode: elev

Problem:

There has been a failure to access the PORT_TYPE associated with an active process. With no PORT_TYPE, the process cannot be associated with a OAP. The process is purged.

27. TP_NOSHORTBNDRY (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TCP data need to be on a short boundary to compute the check sum. If this is not true, then the process can be purged due to alignment requirement for the CPU. TCP is trying to compute checksum for data not aligned on a short boundary.

28. TPOPDBFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database access failed in the OAP terminal process.

29. TPOPPRFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAP terminal process called a primitive that failed.

30. TP_RANGE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the action or the control associated with the transport connection is out of range.

31. TPRCV_ERROR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: TCPCRCV	Audit Mode: elev

Problem:

There is a problem with the receive request queue for a TCP connection. The RLTCPCRCV audits will be scheduled.

Range: opsp**1. IN2KALIGN (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Following an offline SM pump, the dynamic random access memory (RAM) start or end address was not 2K aligned.

2. SIBADOPTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Offline pump system process (OPSP) has detected an invalid value in Sloptype. The invalid value will be dumped to the ROP and OPSP will be purged.

3. SINIPINVODRID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ODRID has been passed to Slnipstrt(). The invalid ODRID will be dumped on the ROP and the NIPMP request aborted.

4. SIOFLBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Offline pump (OP) could not verify the state due to a mate conditioning failure.

5. SIOPBBUSY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) was in the wrong state for receiving a BUSY message from the AM.

6. SIOPBFINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) was in an invalid state for receiving the FINISHED INIT message from the AM. The OPSP and AM are out of sync.

7. SIOPBFPMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) was in an invalid state for receiving a FINISHED PUMPING message from the AM. The OPSP and AM are out of sync.

8. SIOPBREADY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) was in an invalid state for receiving a READY message from the AM. The OPSP and AM are out of sync.

9. SIOPBSETUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) was in an invalid state for receiving a SETUP OP PATH message from the AM. The OPSP and AM are out of sync.

10. SIOPDBBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return was received from a database (DB) primitive, such as the DBfrdtup() primitive.

11. SIOPDDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() macro returned failure when writing the DDSOPSTAT key value. The failure return code is printed on the ROP.

12. SIOPHSRGBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of hashsum ranges does not equal the number of hashsum tables as listed in the critical information. The numbers must be the same and in corresponding locations; if not, the offline pump system process (OPSP) will not correctly complete its hashsum check.

13. SIOPINVCC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The FINISHED PUMPING message from the AM contained an invalid completion code.

14. SIOPINVKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump trigger function was passed invalid data.

15. SIOPINVREAS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid startup reason was given for process initialization.

16. SIOPINVSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) is in an invalid state.

17. SIOPMSGID (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The Slopptysend() function received an invalid message ID to print.

18. SIOPPRSTATE (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An invalid offline pump system process (OPSP) state was found in a call to an OPSP primitive.

19. SIOPREQTYPINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hardware action request type was passed to the Slopbusy() function. The invalid request type is printed.

20. SIOPRNGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A range check for the DDOPSTAT value failed. The value was out of range. The invalid DDOPSTAT value is printed.

21. SIOPSMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) failed to send an interprocess message using the OSSENDMSG() macro.

22. SIOPUNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) received a message that it did not expect.

23. SIOPWMFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The offline pump system process (OPSP) received a failure while waiting for an operating system for distributed

switching (OSDS) message.

24. SITERMREAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal reason for aborting peripheral offline pump was found. The invalid request reason is printed.

Range: os**1. OSACE0 (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected message was received by the AMCT (in the AM's operational kernel process [OKP]), the AMSM (in the AM's switch maintenance kernel process [SMKP]), or the AMIT (in the SM or CMP) clock accuracy system process. The message will be dumped to the ROP and otherwise ignored.

2. OSACE1 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM, SM, or CMP system process in charge of clock synchronization (absolute time [ATIME] and operating system for distributed switching [OSDS] time relative to switch initialization [RTIME]) was created with an invalid reason. The process will be purged.

3. OSACE2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting processor received a new operating system for distributed switching (OSDS) time relative to switch initialization (RTIME) value that differs from its current RTIME by more than 5 seconds. The new RTIME value will be used and no further recovery action is taken. In the field, repeated occurrences of this assert indicate clock drift and/or time distribution problems. In a lab environment, this assert will be common (and is to be expected) when a processor is in DART or SMITS.

4. OSACE3 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSCREATE(), OSREPLACE(), or OSRSTART() primitive received a program ID for the null program, sysint(), which is used to fill unused OSprogtab[] entries. The running process will be purged.

5. OSACE4 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSCREATE() primitive, which creates only terminal processes, was called with a program ID for a system process. The running process will be purged.

6. OSACE5 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Returned to the kfault() function from a call to the Slkfault() function. This should never happen. A selective initialization will be performed.

7. OSACE6 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Returned to the kevent() function from a call to the OSkevent() function. This should never happen. A selective initialization will be performed.

8. OSACE7 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The program sysint(), used to fill unused OSprogtab[] entries, has been called. This should never happen. The running process will be purged.

9. OSACE8 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The OSprscnt() function found an invalid program ID in the process control block (PCB) of some active process.

10. OSACE9 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

In the AM's operational kernel process (OKP), the *UNIX*[®]-RTR kernel call to the ptimer() function failed while requesting a timer. A selective initialization will be performed.

11. OSACE12 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSATIMER() primitive received a time parameter that was out of range.

12. OSACE13 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

OSCREATE() was called during system initialization. A terminal process is not allowed to be created during initialization. OSEPROC will be returned to the caller and the terminal process will not be created.

13. OSACE15 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSrtcheck() function failed. This function verifies the consistency between the physical memory layout and the offsets or array sizes defined for certain operating system (OS) stack structures.

In the AM's operational kernel process (OKP), this assert indicates that the segment table offset constant OSSGTOFFSET disagrees with the kernel process control block's actual physical segment table offset.

In the SM or CMP, the number of stacks supported by the operating system for distributed switching (OSDS) conflicts with the amount of physical memory space allocated for the stacks. When this assert fires, THE ONLY

SOLUTION IS TO REBUILD THE LOAD. Although this assert will not escalate or cause a single process purge, it will fire roughly once an hour until the problem is corrected.

14. OSACE16 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: PCB	Audit Mode: nonseq

Problem:

A process control block (PCB) had an invalid state. Both the running process and the process associated with the invalid PCB will be purged. A demand-mode PCB audit will also be invoked. Recovery actions associated with a hardware error (for example, a correctable memory bit error, parity error, or cache error, etc.) may cause sporadic occurrences of this assert.

15. OSACE17 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system process's entry function defaulted to the OSdfiltproc() function. This should not happen in a correctly built load and the problem must be corrected. The system process's process control block (PCB) will be dumped.

16. OSACE18 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal process's entry function defaulted to the OSdfiltproc() function. This should not happen in a correctly built load and the problem must be corrected. The terminal process's process control block (PCB) and its parent's PCB and operating system process ID (OSPID) will be dumped.

17. OSACE19 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system or terminal process default entry function, OSdfiltproc(), is not executing under the control of a running process. The function should not be defaulted to in a correctly built load. It must be determined why the function was defaulted to, and why it was not executing under the control of a running process.

18. OSACE20 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the AM's operational kernel process (OKP), the operating system for distributed switching (OSDS) AMCT clock accuracy system process failed to obtain its cyclic hourly time synchronization timer or a daylight savings time (DST) adjustment timer. In the former case, time synchronization and clock accuracy throughout the system will be impacted. In the latter case, which could only occur between 00:00 and 02:00am on the DST transition days, the 02:00am DST adjustment will not occur automatically. Timers can be obtained to remedy both situations by setting the system time with a SET:CLK input command or manually purging the asserting process with the INIT:SPP input command.

In the AM's switch maintenance kernel process (SMKP), the OSDS AMSM clock accuracy system process failed to obtain a retry timer for its time request to OKP. As a result, SMKP may run with unsynchronized time for up to an hour before OKP automatically resynchronizes SMKP's time. This situation can be corrected sooner by setting the system time with a SET:CLK input command or manually purging the asserting process with the INIT:SPP input command.

command.

In the SM or CMP, the OSDS AMIT clock accuracy system process failed to obtain its cyclic time verification timer during an initialization. This will lead to time drift in the asserting processor unless corrected by manually purging the asserting process with the INIT:SPP input command.

19. OSACE21 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the daylight savings time (DST) field in the absolute time (ATIME) variable and a redundant copy. To correct the inconsistency, a new ATIME has been requested from the AM.

20. OSACE22 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDLNK() primitive was called to send a message to a process on the same processor. The CMDESTF error code will be returned to the caller and the message contents will be dumped to the ROP.

21. OSACE23 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSLASTPROGID() primitive encountered a corrupt previous program ID for a process. The process's process control block (PCB) and OSPRGSTATEA() structures will be dumped. The process's previous program ID will be reinitialized, and the OSEPROG error code will be returned to the caller of the primitive.

22. OSACE24 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The insertion of an RLCCBCOM, RLOSPCB, RLOSTCB, or RLPCBLA tuple failed.

If this occurred during the initialization of an SM, it is quite unlikely that the processor will initialize, or if it did, that call processing functionality will be fully available.

If this occurred when an SM was fully operational, during the growth of an SM resource, it is most likely because of a shortage of unprotected office dependent data (UODD), in which case more memory needs to be added, to allow for growth of all related resources.

23. OSACE25 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSdeliver() function, the processor ID in a message header was invalid, forcing delivery of the message to the data delivery (DD) system process.

24. OSACE26 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSIS_ITIME() macro failed, indicating that the operating system for distributed switching (OSDS) internal clock (ITIME) was out of range. A selective initialization will be performed.

25. OSACE27 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSGETITIME() primitive failed, indicating that the operating system for distributed switching (OSDS) internal clock (ITIME) was out of range. A selective initialization will be performed.

26. OSACE28 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSCATIMER() primitive received a time parameter that was out of range.

27. OSACE29 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSCTIMER() primitive received a time parameter that was out of range.

28. OSACE30 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdgparm() function returned an error when an attempt was made to read the global parameter GLTBLLINES while in a recent change transaction.

29. OSACE31 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) time relative to switch initialization (RTIME) clock is out of range. The timing system process will be purged. The RTIME clock will be corrected when the timing system process reinitializes.

30. OSACE32 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) master system process (MSP) was created with an invalid reason.

31. OSACE33 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) master system process (MSP) received an invalid message

type.

32. OSACE34 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() primitive returned a value other than OSMSG to the operating system for distributed switching (OSDS) master system process (MSP).

33. OSACE35 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) master system process (MSP) received an unrecognized MGTIMER message.

34. OSACE36 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSETATIME() primitive received an absolute time (ATIME) parameter that was out of range.

35. OSACE37 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdgparm() function returned an error when an attempt was made to read the global parameter GLTNALINES while in a recent change transaction.

36. OSACE38 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSETRTIME() primitive received an operating system for distributed switching (OSDS) time relative to switch initialization (RTIME) parameter that was out of range.

37. OSACE39 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSTIMER() primitive received a time parameter that was out of range.

38. OSACE40 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdgparm() function returned an error when an attempt was made to read the global parameter GLTATLINES while in a recent change transaction.

39. OSACE41 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

The process state of a process control block (PCB) is RUNNING, but the running process variable does not point to this PCB. The process associated with the PCB will be purged.

40. OSACE42 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

The OSIS_RUNNING() or OSIS_PTRRUNNING() macro failed. The running process variable contains an invalid process ID or its associated process control block (PCB) is not in the RUNNING state. The process will be purged and a demand-mode PCB audit invoked.

41. OSACE43 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

MICO is being purged and has either too many timers in its TCB list or its TCB list has been corrupted and is no longer valid. MICO's timers have therefore been deallocated.

42. OSACE44 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

In the OSdispatch() function, a system process that can be signaled to run should not have an outstanding timeout timer; however, the system process had an outstanding timeout timer. The process will be purged.

43. OSACE46 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

A purged process could not be unlinked from its ready queue head cell. The ready queue head cells and the process control block (PCB) of the purged process will be dumped to the ROP. A demand-mode PCB audit will be invoked to recover the ready queue. This type of error may occur sporadically (and is unavoidable) when hardware errors, tight loop detection, purging initializations, or other interrupt-level activities result in a single process purge of a running process while the operating system (OS) is manipulating the ready queue.

44. OSACE47 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the per process message queue of the running process. The process will be purged.

45. OSACE48 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

An error was found in the process control block (PCB) idle list. The running process will be purged and a demand-mode PCB audit will be invoked.

46. OSACE49 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the per process stack linkage. The process associated with the stack will be purged.

47. OSACE50 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

An error was found in the process ready queue. The process will be purged and a demand-mode process control block (PCB) audit will be invoked.

48. OSACE51 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: SCB	Audit Mode: nonseg

Problem:

In the OSdispatch() function, a stack could not be allocated for a restarting process. The restarting process will be purged and a demand-mode stack control block (SCB) audit invoked.

49. OSACE52 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSlocalmsg() function or an operating system for distributed switching (OSDS) message sending primitive was passed a message with an invalid priority. The offending message will be dumped to the ROP. The message's priority will then be set to 0, and the message will be delivered as usual.

50. OSACE53 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TCB	Audit Mode: nonseg

Problem:

An error was found in the timer control block (TCB) idle list. The running process will be purged and a demand-mode TCB audit invoked.

51. OSACE54 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

A process control block (PCB) had an invalid process priority (procprior). The running process will be purged and a demand-mode PCB audit invoked.

52. OSACE55 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TCB	Audit Mode: nonseg

Problem:

An error was found in the per process timer list. The running process will be purged and a demand-mode timer control block (TCB) audit will be invoked.

53. OSACE56 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: TCB	Audit Mode: nonseg

Problem:

An error was found in the per process timer list. The associated process will be purged and a demand-mode timer control block (TCB) audit will be invoked.

54. OSACE57 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TCB	Audit Mode: nonseg

Problem:

An error was found in the timer heap structure. The running process will be purged and a demand-mode timer control block (TCB) audit will be invoked.

55. OSACE59 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A system process was unsuccessfully initialized. A selective initialization will occur.

56. OSACE60 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: SCB	Audit Mode: nonseg

Problem:

An error was found in the stack control block (SCB) idle list. The running process will be purged and a demand-mode SCB audit invoked.

57. OSACE61 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The running process is linked to an invalid stack. The process will be purged.

58. OSACE62 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSbecome() or OSsfentry() function received an invalid system process number parameter. The running process will be purged.

59. OSACE63 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSsyspinit() function, the process number parameter was out of range. A selective initialization will be performed.

60. OSACE64 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSsyspinit() function, the program number parameter was out of range. A selective initialization will be performed.

61. OSACE65 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSsyspinit() function, a stack could not be allocated for a system process. A selective initialization will be performed.

62. OSACE67 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

An error was found with a process control block's (PCB's) timeout timer. The process will be purged.

63. OSACE68 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

An error was found in a process's message queue. The process will be purged.

64. OSACE69 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

In the OSdispatch() function, a system process that can be signaled to run should not have an outstanding timeout timer; however, the system process had an outstanding timeout timer. The process will be purged.

65. OSACE70 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: MCB	Audit Mode: nonseq

Problem:

An error was found in the message control block (MCB) idle list. The running process will be purged and a demand-mode MCB audit invoked.

66. OSACE71 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: MCB	Audit Mode: nonseq

Problem:

In the OSfreemcb() function, the OSIS_PCBI() macro failed. The mowner field of a message control block (MCB) contained an invalid process ID. The running process will be purged and a demand-mode MCB audit will be invoked.

67. OSACE72 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

A dynamic access (DA) primitive that accessed the RLDB_HEADC, RLOSBIT or RLOSBCB unprotected relation failed, indicating corrupted tuples or linkages in one or more of these relations. The broadcast system process will

be purged. The post-single process purge initialization of this process will restore the tuples and linkages of these relations.

68. OSACE73 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The *UNIX*[®]-RTR kernel process call to the *idlevent()* function is used by the AM's operational kernel process (OKP) to get an event when *UNIX*[®]-RTR enters idle loop. This call returned a failure because an invalid OKP process number was supplied. A selective initialization will be performed.

69. OSACE74 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*[®]-RTR kernel call to the *ptimer()* function to request a timeout event returned failure because the process specified was invalid. A selective initialization will be performed.

70. OSACE75 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

A process control block (PCB) had an invalid program ID. The running process will be purged and a demand-mode PCB audit invoked.

71. OSACE76 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: PCB	Audit Mode: nonseg

Problem:

The process ID passed to the *OSPIDPGM()* primitive had an invalid program ID associated with it. The process will be purged, a demand-mode process control block (PCB) audit will be invoked, and an error will be returned to the caller of the primitive.

72. OSACE77 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A *UNIX*[®]-RTR kernel call to the *ptimer()* function to cancel a pending *UNIX*[®]-RTR timer returned failure because the specified process was invalid. A selective initialization will be performed.

73. OSACE78 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM's operational kernel process (OKP) uses the *UNIX*[®]-RTR kernel call to the *ptimer()* function to cancel the pending *UNIX*[®]-RTR timer for OKP. This call returned a failure because the specified process was invalid. A selective initialization will be performed.

74. OSACE79 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the *UNIX*[®]-RTR spy_time() function failed in the OSGETSPY() primitive.

75. OSACE81 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the *UNIX*[®]-RTR spy_kinit() function failed in the OSINITSPY() primitive.

76. OSACE82 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The absolute time (ATIME) clock is out of range. The timing system process will be purged. The ATIME clock will be corrected when the timing system process reinitializes.

77. OSACE84 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to manipulate stack/write protection was found. The running process will be purged.

78. OSACE85 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The absolute time (ATIME) clock in a protocol handler (PH) was corrupted or updated incorrectly. The PH will zero the ATIME and request a new time from its SM.

79. OSACE86 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A user of the OSBCAST() primitive requested that a message be transmitted locally. It is illegal to transmit a message to the originating processor with the OSBCAST() primitive.

80. OSACE89 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSdispatch() function in the SM found that the stored number of supported stack control blocks (SCBs) was overwritten. The prime candidate is the process relinquishing control of the processor. The corrupted value and the process control block (PCB) of the running (candidate) process will be dumped to the ROP. The stored number will then be corrected to match the number of stacks derived from the user stack memory layout symbols and the SM type.

81. OSACE90 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

An unexpected interject state was encountered during interject message handling, indicating that an unexpected or invalid interject client was attempting to use an operating system (OS) primitive (most likely), or that the running process variable is corrupt. This assert will reinitialize the interject environment by purging interject, and it will invoke a demand-mode PCB audit to recover any process control block (PCB) inconsistencies. A DUMP TTY ERROR may accompany this assert if the interject environment variable is indeed out of range.

82. OSACE91 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A primitive that manipulated the RLOSBIT or RLOSBCB relation failed. The broadcast system process will be purged. The post-single process purge initialization of the broadcast system process will reinitialize all broadcast buffers.

83. OSACE92 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OScallbcst() function encountered an error when accessing the RLOSBIT or RLOSBCB relation. The running process (if any) will be purged.

84. OSACE93 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSbcbcinit() function failed to initialize the RLOSBIT and RLOSBCB relations. The running process will be purged.

85. OSACE94 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Checks on data read from the RLOSBIT relation failed. The RLOSBIT audit (and possibly the RLOSBCB audit) will be invoked in demand-mode.

86. OSACE95 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Checks on data read from the RLOSBCB relation failed. The RLOSBCB audit will be invoked in demand-mode.

87. OSACE97 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSBCAST() primitive attempted to start a job with a preassigned broadcast ID (BID), but the BID was already in use. The associated rIOSBIT tuple and the process control block (PCB) using the BID will be dumped to the ROP.

88. OSACE99 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The broadcast system process received an error return from a function call which does not manipulate the RLOSBIT or RLOSBCB relation.

89. OSACE100 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OScallbcst() function received an invalid return code from a user's broadcast reply processing function. The user's process ID and broadcast ID will be dumped to the ROP.

90. OSACE101 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An error was found in a process's message control block linkages. The process will be purged.

91. OSACE102 (5E11 and later)

Recovery Action: spp	SPP: y	Audit: PCB	Audit Mode: nonseg

Problem:

An error was found with a process control block's (PCB's) state. A demand-mode PCB audit will be invoked.

92. OSACE103 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A feature function that specifies OSsodef2_msg() as its default function, is not loaded in the system. This situation can occur due to an error in the code, wrong or mutilated office dependent data (ODD) or an error in the feature activation table (FAT).

Use the assert information (the stack frame contains the two functions prior to the assert macro call) to determine the function that called the unloaded function. The first parameter on the stack will be the address of the FAT that was used and the second parameter will be the address of the feature identifier (FID) value. Use these two parameters to determine the feature function that was called but not loaded.

93. OSACE104 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A feature function that specifies OSsodef3_log() as its default function, is not loaded in the system. This situation can occur due to an error in the code, wrong or mutilated office dependent data (ODD) or an error in the feature activation table (FAT).

Use the assert information (the stack frame contains the two functions prior to the assert macro call) to determine the function that called the unloaded function. The first parameter on the stack will be the address of the FAT that was used and the second parameter will be the address of the feature identifier (FID) value. Use these two parameters to determine the feature function that was called but not loaded.

94. OSACE105 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A feature function that specifies OSsodef4_spp() as its default function, is not loaded in the system. This situation can occur due to an error in the code, wrong or mutilated office dependent data (ODD) or an error in the feature activation table (FAT).

Use the assert information (the stack frame contains the two functions prior to the assert macro call) to determine the function that called the unloaded function. The first parameter on the stack will be the address of the FAT that was used and the second parameter will be the address of the feature identifier (FID) value. Use these two parameters to determine the feature function that was called but not loaded.

95. OSACE106 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reply management timer expired, causing the OSmdeoj() function to be called to end a message distribution and reply management (MD&RM) job. The job's resource error counter for message distribution to the protocol handlers (PHs) has a positive value, which is impossible with the job in a pending state.

96. OSACE107 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message distribution and reply management (MD&RM) job is in an invalid state when the OSmdeoj() function is called to end the job.

97. OSACE108 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdintj() function, a protocol handler (PH) reply message was received during packet interface (PI) interject with a valid ID for an active job; however, the state of the job is pending, implying that no messages have been distributed to the PHs.

98. OSACE109 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdintj() function, the last protocol handler (PH) reply message was received for a message distribution and reply management (MD&RM) job; however, the job is not in the reply management state.

99. OSACE110 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdintj() function, a message distribution and reply management (MD&RM) job is in an invalid state when processing a protocol handler (PH) reply message. The reply was not the last one for the user's job, and it caused the user's reply collection buffer to become completely filled. The collection buffer should have been transmitted to the user before this error condition occurred.

100. OSACE111 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When sending a message containing collected protocol handler (PH) replies to the user, the OSmdsndusr() function returned an incorrect value to the OSmdintj() function.

101. OSACE112 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSmdrtnhdl() function received an invalid return from a user supplied function to process a protocol handler (PH) reply message during interject.

102. OSACE113 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdsched() function, a message distribution and reply management (MD&RM) job is incorrectly in the distribution state when a job is being scheduled.

103. OSACE114 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdphdist() function, the PSsendmsg() function returned the PSERROR error code when trying to distribute a message to the protocol handlers (PHs).

104. OSACE115 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSmdphdist() function received an unrecognized return code from the PSsendmsg() function when trying to distribute a message to the protocol handlers (PHs).

105. OSACE116 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For a simultaneous message distribution to the protocol handlers (PHs), the PSsendmsg() function returned the PSERROR error code to the OSmdreqhdl() function, indicating an error in user input.

106. OSACE117 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdsndusr() function, the message distribution and reply management (MD&RM) facilities should be set up for sending a message to a user; however, the state of the user's job is idle.

107. OSACE118 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWAIT() primitive was executed after an attempt to obtain a message distribution timer failed. After returning from OSWAIT(), the OSmdrm() function found that the stored status of which user job was currently active for message distribution had been corrupted.

108. OSACE119 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSmdrm() function could not obtain a valid message distribution and reply management (MD&RM) user from the tag of a timer.

109. OSACE120 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdrm() function, an unrecognized message was received by the MDRM message distribution and reply management (MD&RM) system process.

110. OSACE121 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdrm() function, an invalid value was returned by the OSWGETMSG() primitive.

111. OSACE122 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSmdrm() function found that the stored status of whether the previous timer request was successful or unsuccessful had been corrupted.

112. OSACE123 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSmdrmentry() function encountered an invalid reason for system process creation.

113. OSACE124 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdsndusr() function, the OSSENDMSG() primitive returned OSEPROC (the receiving process ID was invalid), OSELENGTH (the message was longer than the buffer allocated by the receiving process), or an invalid value when it tried to send a message to a user.

114. OSACE125 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdsndusr() function, the PSendmsg() function returned the PSERROR error code or an invalid value when trying to send a message to a user.

115. OSACE126 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdsndusr() function, a call to the OSWAIT() primitive returned an unexpected value.

116. OSACE127 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdtmrreq() function, an error was found in the input to the OSTIMER() primitive.

117. OSACE128 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the OSmdtmrreq() function, the OSWAIT() primitive returned an unexpected value.

118. OSACE129 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSmdtplfas() function encountered an invalid message distribution and reply management (MD&RM) user.

119. OSACE130 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The OSTAKETMRS() primitive encountered an error in the timer control block (TCB) list associated with the caller of the primitive.

120. OSACE131 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The OSTAKETMRS() primitive encountered an error in the timer control block (TCB) list associated with the "from" process that was passed as a parameter.

121. OSACE132 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The OSTAKETMRS() primitive encountered an error in the message control block (MCB) list associated with the caller of the primitive.

122. OSACE133 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The OSTAKETMRS() primitive encountered an error in the message control block (MCB) list associated with the "from" process that was passed as a parameter.

123. OSACE134 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

In the protocol handler (PH) or packet interface (PI), the OSdispatch() function encountered an error in the ready queues. A selective initialization will be performed.

124. OSACE135 (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

In the protocol handler (PH) or packet interface (PI), the OSdispatch() function encountered an error with the process that was to be dispatched next. A selective initialization will be performed.

125. OSACE136 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The OSchgmsgfrms() function encountered an error in the message control block (MCB) list.

126. OSACE142 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSRESTART() primitive in the CMP was called to restart to a program ID requiring a 32 Kbyte recent change (RC) "big" stack. Restarting to such program IDs is not supported to prevent possible split database (DB) transactions when all 32 Kbyte RC stacks are in use.

127. OSACE143 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the CMP, invalid users of the 32 Kbyte recent change (RC) "big" stacks have been detected. A demand-mode stack control block (SCB) audit will be invoked to recover the illegally used stack(s).

128. OSACE144 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the periodic time verification checks failed in an SM or CMP. The stack, register, and data dumps will identify the failing check. Time will be marked invalid in the asserting processor and a new absolute time (ATIME) and operating system for distributed switching (OSDS) time relative to switch initialization (RTIME) will be requested from the AM's operational kernel process (OKP). Recovery of the hardware counter may be automatically initiated in the SM.

This assert may occur sporadically if the processor has taken numerous maintenance interrupts (hardware errors) in the last 5 minutes, or if an SM has been in standalone for long periods of time (15 minutes or more). For all practical purposes, such transient occurrences of this assert can be ignored.

The constant occurrence of this assert every 5 minutes indicates a more serious clock drift problem. In the SM, this may be caused by a bad hardware counter on the module controller/time slot interchange (MCTSI) board, in which case real time counter sanity timer failures will also be reported on the ROP; the MCTSI board should be reseated or replaced in such cases. In the CMP, this condition could occur because of a corrupted internal clock or a faulty 10 millisecond timer; in either case, a selective initialization of the CMP will be needed to correct the problem.

Finally, another source of recurrent drift problems in both the SM and the CMP is excessive blocking of interrupts. This is commonly caused by frequent (rolling) hardware errors, or by generic utility breakpoints that are being executed too often; correcting the source of these hardware errors or disabling the generic utility breakpoints will stop this assert.

129. OSACE145 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSTimemsg() function received an invalid stimulus or pcr parameter. The function will return without sending an MGOSTIME message.

130. OSACE146 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSTimesync() or OSit_work() function received an invalid MGOSTIME message. The message will be dumped to the ROP and ignored.

131. OSACE147 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The clock accuracy system process base level loop received an unexpected return code from the OSWAIT() or OSWGETMSG() primitive. The return will be ignored.

132. OSACE148 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETTPOM() primitive received an unknown return code from the OSWGETTYPE() primitive. The calling process will be purged.

133. OSACE149 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSssphase variable disagrees with the SMswcmpip flag. OSssphase indicates a CMP soft switch is in progress while the SMswcmpip variable doesn't. OSssphase will be set to OSBLKNO to indicate that a CMP soft switch is not occurring. Both variables will be dumped.

134. OSACE150 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSBLOCK() primitive was called by some process other than the CICO system process. The calling process will be purged.

135. OSACE152 (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The caller of an operating system for distributed switching (OSDS) message sending primitive attempted to send a message to processor 0, an invalid processor ID. A failure code will be returned to the primitive caller. The offending message will be in the first data dump.

136. OSACE152 (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The caller of an operating system for distributed switching (OSDS) message sending primitive attempted to send a message to processor 0, an invalid processor ID. A failure code will be returned to the primitive caller. The offending message will be in the first data dump.

137. OSACE153 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSlocalmsg() function received a message with a length that exceeded OSMAXMSGTXT, the maximum supported message text size. The offending message will be dumped to the ROP and OSELENGTH will be returned to the caller of the function.

138. OSACE154 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSEENDBFM() or OSBFMLOCALDEL() primitive received a message with an unsupported large message type and a text size greater than 254 bytes. The offending message will be dumped to the ROP and the caller of the primitive will be purged. Large message types must be authorized by the communication package (CM) and operating system (OS) subsystem engineers before the large message sending primitives will support them.

139. OSACE155 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSEENDBFM() or OSBFMLOCALDEL() primitive received an invalid text size parameter. For standard message types, this assert fires when the text size parameter exceeds 254 bytes, the maximum supported text size for standard (normal) messages. For large message types, this assert fires when the text size parameter exceeds OSMAXMSGTXT bytes, the maximum supported large message text size. The offending message will be in the first data dump. An OSELENGTH error code will be returned to the caller of the primitive.

140. OSACE156 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDERBFM() primitive was called to send a large message to a processor that does not support large messages. Large messages are only supported in and between the AM's operational kernel process (OKP), CMP, SM and direct link node (DLN) environments. The OSSENDERBFM() primitive was passed a large message with a destination process ID (PID) that is not in one of these environments. The offending message will be in the first data dump. The CMDESTF error code will be returned to the caller of the primitive.

141. OSACE157 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSdecomp() function found the compressed message size or the original message text size obtained from the compressed message to be invalid. The offending message will be dumped to the ROP and OSCOMPFAIL returned to the caller of the function, probably causing the message to be dropped.

142. OSACE158 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDQLPS() primitive, whose use is restricted to the integrity monitor (IMIM) and CLNK/QLNK fault recovery (CLSP) system processes, was called by some process other than IMIM or CLSP. The calling process will be purged.

143. OSACE159 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 'qlpsnet' or 'endpoint' parameter passed to OSSENDQLPS() was invalid. The value of the 'qlpsnet' parameter must be less than SMQLPSNUMNETS, while the value of the 'endpoint' parameter must fall between SMQL1STENDPT and SMQLLASTENDPT, inclusive. CM_ERROR will be returned to the OSSENDQLPS() primitive caller.

144. OSACE160 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSnumrlpcb() function received an error return from the DBxrdgparm() function when an attempt was made to read the global parameter GLIOSPCB while in a recent change transaction.

145. OSACE161 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSnumrlpcb() function received an error return from the DBxrdgparm() function when an attempt was made to read the global parameter GLCALLTRN while in a recent change transaction.

146. OSACE162 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSnumrlpcb() function received an error return from the DBxrdgparm() function when an attempt was made to read the global parameter GLEDS_PORT while in a recent change transaction.

147. OSACE163 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSnumrltcb() function received an error return from the DBxrdgparm() function when an attempt was made to read the global parameter GLIOSTCB while in a recent change transaction.

148. OSACE164 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdgparm() function returned an error when an attempt was made to read the global parameter GLORGNATRG while in a recent change transaction.

149. OSACE165 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdgparm() function returned an error when an attempt was made to read the global parameter GLORGBLTRG while in a recent change transaction.

150. OSACE166 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBxrdgparm() function returned an error when an attempt was made to read the global parameter GLOBLNALIN while in a recent change transaction.

151. OSACE188 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the stack control block (SCB) idle list. A demand-mode SCB audit will be invoked.

152. OSACE189 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSrtcheck() function failed. The number of process message data blocks (PMDBs) in an SM is not greater than or equal to the maximum number of possible terminal processes that may own stacks simultaneously. This can only be corrected by increasing the number of PMDBs and REBUILDING THE LOAD. Although this assert will not escalate or cause single process purges, it will fire roughly once an hour until the problem is corrected.

153. OSACE190 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: spp	SPP: n	Audit: PMDB	Audit Mode: nonseg

Problem:

A process message data block (PMDb) had a corrupt sentinel field indicating that an overwrite of a PMDB structure(s) occurred. The owning process will be purged.

154. OSACE191 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal process does not own its stack control block (SCB) or the SCB does not have an associated process message data block (PMDb). The process will be purged.

155. OSACE192 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process message data block (PMDb) had a corrupt sentinel field indicating that an overwrite of a PMDB structure(s) occurred. A demand-mode PMDB audit will be invoked.

156. OSACE193 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The stack control block (SCB) at the beginning of the SCB idle list did not have an associated process message data block (PMDb). A demand-mode SCB audit will be invoked to reorder the SCB idle list.

157. OSACE194 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A broadcast job had an invalid or deceased owner. The owner's process control block (PCB), and the rIOSBIT and rIOSBCB tuples will be dumped and the job will be killed.

158. OSACE195 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown value was found in the verb field of the OSMTRREQMSG message. The text of the message will be dumped to the ROP.

159. OSACE197 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ACB	Audit Mode: nonseg

Problem:

Error encountered in the dynamic memory allocation control block (ACB) free list. Either an invalid/unexpected free list linkage was found, or invalid/unexpected data was found in what should be a free ACB. The running process will be purged and a demand-mode ACB audit invoked.

160. OSACE198 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCB	Audit Mode: nonseg

Problem:

Error encountered in the list of processes waiting for dynamic memory. Either an invalid/unexpected list linkage was found, or a process control block (PCB) in the list contained invalid/unexpected data. The erroneous process will be purged and a demand-mode PCB audit invoked.

161. OSACE199 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ACB	Audit Mode: nonseg

Problem:

Error encountered in the list of dynamic memory allocation control blocks (ACBs) attached to a process. Either an invalid/unexpected list linkage was found, invalid/unexpected data was found in an ACB supposedly owned by the process, or the owning process control block (PCB) contained invalid/unexpected data. The owning process will be purged, if possible, and a demand-mode ACB audit invoked.

162. OSACE200 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ACB	Audit Mode: nonseg

Problem:

Invalid dynamic memory allocation control block (ACB) data was found. Either the ACB index itself is invalid, or an otherwise valid ACB contains an invalid/unexpected owning process or number of blocks. The running process will be purged and a demand-mode ACB audit invoked.

163. OSACE201 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out of range requested memory size parameter, an out of range wait time parameter, and/or an invalid process number parameter was passed to the OSALLOC() or OSMALLOC() dynamic memory allocation primitive. An OSERANGE error code will be returned to the primitive caller.

164. OSACE203 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A process attempted to store its dynamic memory handle in write protected memory it does not own (e.g., in another process's stack). The process will be purged.

165. OSACE205 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The calculation of the physical address of the *UNIX*[®] occupancy meter or *UNIX*[®] occupancy turn-off value for routine audits throttling in the AM has failed. This assert returns to the caller and results in normal throttling of audits based only on 3.125% of AM real time.

Range: pc**1. PC1CCSNK (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The linkage between the channel control block common area (CCBCOM) and the channel data block (CHDB) was corrupted. The CCBCOM that is pointed to by the CHDB does not point back to the CHDB.

2. PC1PCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Could not send a message to the terminal process whose process ID was obtained by the PCitopid() function. Normally, the channel data block (CHDB), the channel control block (CCB) that is linked to the CHDB, and the process control block link area (PCBLA) that is linked to the CCB are dumped. If any of these are not available, other dumps are substituted.

3. PCABGTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

A path data block (PHDB) with an out-of-range PHDB number was found on the peripheral control (PC) background (BG) timing list (global internal structure hdr/pc/pcbgtimelist.h).

4. PCABRGCC (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: BRGDB	Audit Mode: elev

Problem:

Error in set-owner/set-member linkage between BRGDB to CCBCOM. For example, errors updating the list if BRGDBs linked to an owner CCBCOM.

Probable Cause:

Some database corruption has occurred.

Action:

A BRGDB audit is scheduled to try and correct the problem. There is no action the office technician can take to correct this problem. Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

5. PCACBGS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBHC	Audit Mode: elev

Problem:

A dynamic access (DA) primitive returned a failure. This failure involved the concentrated buffer head cell (CBHC).

6. PCACCBCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The one-to-one linkage between the channel control block common area (CCBCOM) and the channel data block

(CHDB) was corrupted. Could not follow the linkage from the CCBCOM to the CHDB.

7. PCACCBRG (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Error in set-owner linkage from CCBCOM to BRGDB. For example, we failed to get head BRGDB linked to a CCBCOM.

Probable Cause:

Some database corruption has occurred.

Action:

A CCBCOM audit is scheduled to try and correct the problem. There is no action the office technician can take to correct this problem. Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

8. PCACCCD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The linkage between the owner rCCBCOM tuple and the member rCDBCOM tuple was corrupted.

9. PCACCCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The linkage between the owner rCCB tuple and the member rCQB tuple was corrupted.

10. PCACCPD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not follow the owner linkage from the Channel Control Block (CCB) to the PCBLA.

11. PCACCPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not follow the linkage from the channel control block (CCB) to the path data block (PHDB).

12. PCACCSNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The linkage between the owner rCCBCOM tuple and the member rCHDB tuple (sink) was corrupted.

13. PCACCSRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

An unexpected failure involved one of the dynamic access (DA) primitives manipulating the one-to-one linkage from the channel control block (CCB) to the source channel data block (CHDB).

14. PCACDBCOM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

Invalid data was found in an rIDCDBCOM tuple.

15. PCACDCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

The linkage between the circuit data block (CDB) and the channel data block (CHDB) was corrupted.

16. PCACDCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

The linkage between the owner rIDCDBCOM tuple and the member rICQB tuple was corrupted.

17. PCACHAN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The channel circuit name was not found in the RLCHAN relation.

18. PCACHCD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

The linkage between the channel data block (CHDB) and the circuit data block (CDB) was corrupted.

19. PCACTNG_T_C (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An Activation Reply and the CCB is invalid and NOT Transient.

20. PCADSCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The digital service circuit common control (DSCC) circuit name was not found in the RLDSCC relation.

21. PCAHLSC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HLSC	Audit Mode: elev

Problem:

The high level service circuit (HLSC) name was not found in the RLHLSC relation.

22. PCANGACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid Activation Request. Circuit is already Activated.

23. PCANGCCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid CCB is requesting an Activation of a LDSF circuit.

24. PCANGDEACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid activation request. Circuit is being de-activated.

25. PCAPCCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The linkage between the owner rPCBLA tuple and the member rCCBCOM tuple was corrupted.

26. PCAPCPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Could not follow the linkage from the process control block link area (PCBLA) to the path data block (PHDB).

27. PCAPCPO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

A process control block link area (PCBLA) to port linkage area (PORTLA) linkage error was found. An audit was scheduled.

28. PCAPDU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An application protocol data unit (APDU) linkage corruption was detected.

29. PCAPHCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the channel control block (CCB).

30. PCAPHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

An invalid state field was encountered in the path data block (PHDB).

31. PCAPHPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the process control block link area (PCBLA).

32. PCAPHSNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the sink time slot data block (TSDB).

33. PCAPHSRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the source time slot data block (TSDB).

34. PCAPMAPBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: AIUAP	Audit Mode: elev

Problem:

Data problem with PCaiuap[].

35. PCAPOPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A port linkage area (PORTLA) to process control block link area (PCBLA) linkage problem was found. An audit was scheduled.

36. PCARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RGOcup	Audit Mode: elev

Problem:

A problem was detected between the linkages of the PCrgocup[] array and the PCrgtdb[] array.

37. PCASMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The circuit did not have a proper entry in the RLSMOOS status relation.

38. PCASNKCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The DAgoccch() function failed unexpectedly.

39. PCASNKPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Could not follow the linkage from the sink time slot data block (TSDB) to the path data block (PHDB).

40. PCASRCCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The linkage between the channel data block (CHDB) and the channel control block common area (CCBCOM) was corrupted. The point-to-point-back check by the dynamic access (DA) primitive resulted in a DBSYS_ERR return code.

41. PCASRCPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Could not follow the linkage from the source time slot data block (TSDB) to the path data block (PHDB).

42. PCATONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The system tone circuit was not found in the RLONECH relation.

43. PCATSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Invalid data was found in a time slot data block (TSDB). The TSDB audit will be run to correct the problem.

44. PCATSPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

A time slot data block (TSDB) to path date block (PHDB) linkage error was found. An audit was scheduled.

45. PCAUAPDU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APDU	Audit Mode: elev

Problem:

Linkage corruption was detected in the application protocol data unit (APDU). The AUAPDU audit will be scheduled in elevated mode.

46. PCAUBCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: UBHC	Audit Mode: nonseg

Problem:

The database (DB) primitive manipulating the linkage from the unconcentrated buffer head cell (UBHC) to the channel data block (CHDB) failed unexpectedly.

47. PCAUDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

D-Channel Application Linkage Block (DALB) linkage corruption has been detected.

Probable Cause:

Linkage corruption due to software fault or memory corruption.

Action:

The DALB audit will be scheduled in elevated mode. Ultimately, the software fault or memory must be repaired.

48. PCAUDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

Linkage corruption was detected in the data port block (DPB).

49. PCAUHLPG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An audit called by the PChlconfig() function found the dynamic tables Hltab1[] and Hltab2[] to be incorrect. These tables are used for sequencing ringing and non-ringing preferred high level service circuits (HLSCs). The PChlconfig() function will reconfigure Hltab1[] and Hltab2[].

50. PCAULLM_IDCU (5E11 only)

Recovery Action: rpi	SPP: n	Audit: LLMIDCU	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLLLM_IDCU relation. The AULLMIDCU audit will be scheduled in elevated mode.

51. PCAULLM_RDT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: LLMRDT	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLLLM_RDT relation.

Probable Cause:

The switch software did not build the links correctly.

Action:

The LLMRDT audit will be scheduled in elevated mode.

52. PCAUMALLOC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MALLOC	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLMALLOC relation. The AUMALLOC audit will be scheduled in elevated mode.

53. PCAUPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Linkage corruption was detected in the process control block link area (PCBLA). The AUFC_PCBLA audit will be scheduled in elevated mode.

54. PCAURTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTEILA	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLRTEILA relation. The AURTEILA audit will be scheduled in elevated mode.

55. PCAURTLB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTLB	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLRTLb relation. The AURLTLB audit will be scheduled in elevated mode.

56. PCAURMSGBUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMSGBUF	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLRTSMGBUF relation. The AURMSGBUF audit will be scheduled in elevated mode.

57. PCAUUNIT2RDT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: UNIT2RDT	Audit Mode: elev

Problem:

Missing LLM_RDT tuple was encountered.

Probable Cause:

5ESS[®] switch software has corrupted the data relation.

Action:

AUUNIT2RDT audit is scheduled to insert the missing associated LLM_RDT tuple.

58. PCBADBRGDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data in a rIBRGDB tuple was found to be incorrect.

Action:

The contents of the tuple are printed on the ROP. There is no action office personnel can take to correct this problem. Contact the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

59. PCBADDT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DT	Audit Mode: elev

Problem:

Invalid data was read from data transport (DT).

60. PCBADFREE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PCfree() function failed. A segment header key was not found when attempting to free a memory segment, or the pointer passed to the PCfree() function did not belong to an existing rIMALLOC tuple.

61. PCBADGCK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid global service circuit data was encountered in the RLGCKTI relation.

62. PCBADLUTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An invalid line unit (LU) type was encountered.

63. PCBADMALLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PCmalloc() function failed. A memory allocation request exceeded 252 bytes, or the PCmalloc() function was unable to find free memory in a freshly allocated rIMALLOC tuple.

64. PCBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by a process.

65. PCBADMTPTBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An invalid music terminal process (MTP) ID was found in the MTP table PCmtpbl[]. The entry will be removed and a PCBLA audit will be scheduled. The table will be dumped.

66. PCBADNOOWN (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: TSDB	Audit Mode: elev

Problem:

During the setup of a multi-module remote switching module (MMRSM) call over an intra-cluster link (ICL), the time slot data block (TSDB) corresponding to a PCNO_OWN time slot was not found in the idle list, where it was expected. The process with the path data block (PHDB) that owns the TSDB will be tracked and purged.

67. PCBAD_NTSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

Invalid ntstate. Need to audit DPB.

68. PCBADPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following conditions occurred:

1. A switch state defaulted erroneously; that is, the switch was switching on an invalid parameter.
2. An invalid input parameter was passed to a function.

69. PCBADPDESC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state in the path descriptor was invalid for the primitive called.

70. PCBADPIDBTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The from pidb timeslot is not equal to the to pidb timeslot in TScp_dx. This will cause the saving of the call to fail.

Probable Cause:

Unknown.

Action:

None.

71. PCBADPMH (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral messaging message handler (MH) number obtained from PCUNIT2MH() (i.e. PCunit2mh[]) is inconsistent with the MH number extracted from the associated virtual peripheral interface control bus (PICB)

number.

Probable Cause:
Unknown.

Action:
Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

72. PCBADPORT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The global port name passed as a parameter from TM to PC is inconsistent with the port information in the PCBLA. The parameter port name is dumped followed by the PCBLA port name.

Probable Cause:
Unknown.

Action:
Contact next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

73. PCBADREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When a peripheral control (PC) process was created, it was passed an invalid reason for being entered.

74. PCBADSGLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected in reading an rISMEST tuple for a switch group marked for measurement generation in the administrative services (AS) global array MSsglist[]. This error was detected during the 100 second scan of the switch group for usage. The switch group will be temporarily inhibited for generation until routine audits cleanup the MSsglist[] array.

75. PCBADTMSLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral control is trying to send a time multiplexed switch (TMS) connect order to the foundation peripheral controller (FPC), but one of the TMS link numbers is invalid. This is a severe problem because it prevents inter-module calls from terminating on the SM that reported the problem.

Data Structures:

Two SM global parameters specify the TMS link numbers: Gltms_evenlnk and Gltms_oddlnk. TMS link numbers are also found in the cts_even and cts_odd fields of the rIMODATT relation in the AM.

Action:

Use ODBE to update the global parameters. The TMS link numbers can be found in the rIMODATT relation or on pages 1231-1234 of the MCC display. The values of Gltms_evenlnk and Gltms_oddlnk should be the same as the

values of the `cts_even` and `cts_odd` fields in the `rIMODATT` relation, except in RSMS, where the value of the global parameters should be the same as the Host SM's `cts_even` and `cts_odd` values.

76. PCBADTONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempting to play a tone over a path which already has a tone playing on it.

Probable Cause:

Software problem -- client software calling peripheral control (PC) has not removed the tone playing on the path before attempting to play a new tone.

Action:

Nothing can be performed by the office technician to correct this problem. The necessary data will be dumped to the ROP. Please contact 5ESS[®] switch field support for help.

77. PCBADTRGT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Each feature assigned to a feature button must have a target. The target value is an integer from 1 through 8. A feature button was depressed that did not have a valid target field in the `RLBNFEAT` relation.

Data Structures:

`RLBNFEAT`.

Action:

Populate the target field in the `rlBNFEAT` tuple.

78. PCBGCKTI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not access the conference circuit access table (`CCATBL`).

79. PCBGTRNER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not begin a database transaction.

80. PCBRGDBGONE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bridging request has been denied because all of the bridging data blocks (`BRGDBs`) are in use.

Data Structures:

`RLBRGDB`.

Action:

The number of BRGDBs is engineerable on a per-SM basis and can be increased by Recent Change.

81. PCBRIVLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of three violations of the basic rate interface (BRI) specification occurred.

1. A Q.931 INFO message with another call reference information element was received from customer premises equipment (CPE) that requires terminal management functions (TMF).
2. A Q.931 INFO message with switchhook status was received from a CPE that does not require TMF, or the message has a call reference type that is not null.
3. A Q.931 INFO message with a key pad information element and a feature activation element was received.

Cases 1 and 2 may be the result of a customer swapping a CPE that requires TMF for one that does not (non-TMF), or vice versa, and the cpetype field in the static data relation RLIS_TERM was not updated. IS_TYPEA and IS_TYPEC are for non-TMF terminals while IS_TYPEB, IS_TYPED, and IS_TYPATT are for TMF terminals.

Data Structures:

RLIS_TERM.

Action:

Change the line assignment terminal type in the RLIS_TERM tuple to match the CPE.

82. PCCBCRDUMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A channel control block communication region (CCBCR) data problem was encountered.

83. PCCCBTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel control block communication region (CCBCR) was missing from the foreground channel control block (CCB) timing list.

84. PCCCSQFAIL (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

While trying to throttle an incoming call over an integrated services digital network (ISDN) user part (ISUP) trunk due to lack of switch resources, a failure was encountered which prevented the call from being queued. The call was released with an ISUP REL message that contained cause value #42 "switching equipment congestion".

Action:

Contact the next level of support.

85. PCCDBPURGE (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A remote SM (RSM) selected a host digital facilities interface (HDFI) channel for a call through the host SM (HSM). At the HSM, the circuit data block (CDB) was incorrectly owned by another process. This process failed to respond to the MGINTERRUPT message. The process was purged and the data dump provides information about the process.

86. PCCGDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGTMR	Audit Mode: elev

Problem:

Failure to link or unlink a RLDPC_STAT tuple to or from a RLRCGTMR tuple.

87. PCCHANGONE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral control (PC) switching resource allocator received a request to dedicate more than 512 peripheral time slots to the peripheral circuits associated with an SM. This could be the result of over-engineering the SM, corrupted data in the RLCKTDATA relation in the office dependent data (ODD), or too many nail-up channels connected to a particular peripheral interface data bus (PIDB) time slot (that is, more than 8 trunks for one PIDB time slot.)

Data Structures:

RLCKTDATA.

Action:

If this is the first power-up initialization for the office, then the ODD should be checked for an illegal peripheral configuration. If this is circuit growth, then an illegal peripheral configuration is being grown into, and should be terminated promptly. Applicable SM hardware equipage limits are:

- a. The total quantity of channels may not exceed 512.
- b. A maximum of eight channels can be assigned to each data interface (DI)/PIDB time slot combination that does not serve any system tones.
- c. If a DI/PIDB time slot combination serves at least some allocated channels (PCALLOCHAN) then one to three system tones may also be assigned to this DI/PIDB time slot. In this case, the maximum number of channels assigned to the DI/PIDB time slot is 11 in a SM that serves Autovon or 5E-AMPS, 10 for all other SMs. Circuit growth routines automatically try to move system tones to prevent sharing if possible.

If the assert fired during equipment growth, then one of the limits would be violated by the new equipment. See prl/poprules/RLcktdata.R to determine the requirements of the equipment being grown. Steps 1-3 below can be used to determine the current quantity of channels in use and the number of channels assigned per DI/PIDB time slot:

1. Locate all rLCKTDATA tuples with the "chnasn" attribute equal to PCINITCHAN or PCALLOCHAN:

- a. Ignore tuples with "type" of PCBTRSR_CH

- b. For "type" PCPIDBISLU with "pidbtype" PCISLUPIDB/PCDUALPIDB or "type" PCPIDBIDCU with "pidbtype" PCDUALPIDB:

Tuples occur in pairs, one per service group. For each pair:

- 32 channels are used

- DI number is bit 4 of "pidb"
- PIDB time slots used are 0 through 31

c. For "type" of PCPIDBRISLU with "pidbtype" of PCRDUALPIDB:

- RISLU spare facilities should not be counted. When rRISLUPIDB keyed by the remote PICB has "cdconfinf" of PCSPROSPS, "pidb0" is a spare.
- Up to 24 time slots are available. A time slot doesn't count towards channel usage or DI/PIDB channel combinations if:

a. It is a control time slot (CTS), indicated by rRISLUDFI "ncts" attribute. Normally, DFI-H1s have one CTS and DFI-H2s have zero, except in OSPA sparing.

b. It is used for signaling.

DFI mode of SMDFRSM or SMDFB8ZS: 1 signaling channel

DFI mode of SMT1FE or SMT1FE8Z: 0 signaling channel

- The value of "dbchan" is the stuffing phase, range 0-3. See prl/poprules/RLcktdata.R "chnasn" attribute for a table of channels used by stuffing phase and excluded by DFI mode.

d. For all other rICKTDATA tuples with PCINITCHAN or PCALLOCHAN:

- One channel is used per tuple
- DI number is bit 4 of "pidb"
- PIDB time slot is the value of "dbchan"

2. In SMs that serve precedence and preemption subscribers (Autovon) or the 5E-AMPS application, 3 channels are used by system tones. In all other SMs, 2 channels are used by system tones. For each of the parameters:

- Glidlech (Idle code, all SMs)
- Glaudring (Audible ring, all SMs)
- Glpauddring (Precedence audible ring, autovon or 5E AMPS only) the parameter gives the channel used by the system tone where:
- DI number is the complement of the parameter bit 0
- PIDB time slot is bits 8-4 of the parameter

3. A host SM (HSM) uses channels for RSM control time slots. For each tuple in rRSMCHAN:

- One channel is used per tuple
- DI number is the complement of bit 0 of "chdb_num"
- PIDB time slot is bits 8-4 of "chdb_num"

88. PCCHKUCFG (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: UNITCFG	Audit Mode: elev

Problem:

If the controller side select for a ring generator becomes out of date, a control job sent to this pack will loop back and be erroneously interpreted as a scan report. This assert fires when the PC scanning code finds an apparent scan report from an RG. It schedules an AUUNITCFG audit to check (and update) the side select for that application pack.

Probable Cause:

Out-of-date controller side select for a ring generator.

Action:

If this assert fires, please notify your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

89. PCCHKUDSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to get control of resource after RTchk_udsl_rsc() determined that the resource was idle.

90. PCCILCSMSK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LCSMSK	Audit Mode: elev

Problem:

An inconsistency was found that is related to the Cllcsmk[] array. This array holds the enables (1=enabled) for grids in a line unit. A line unit's grids were enabled in peripheral controller (PC) foreground, but it was not a line unit with grids that should be scanned in the Cllcsscn() function. The report sent to PC background initiated the assert. The array was corrected (the affected line unit's grids were masked) in foreground.

91. PC_CKDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while attempting to read an rLCKTDATA tuple in the function PCpt2chan(), using a circuit name obtained from either the rLPORTLA or rLFC_PORTTYP. No tuple was found for the specified circuit name.

Data Structures:

RLFC_PORTTYP. Key fields: portname, RLPORTLA. Key field: portname, and RLCKTDATA. Key fields: circuit name.

Action:

Check RC/V View 5.5 (CIRCUIT DATA) for the specified circuit.

92. PCCKRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup() failed due to a failure in the function PCpt2chan() while attempting to read an rLCKTDATA tuple.

Probable Cause:

RLCKTDATA. Key fields: cktname.

Action:

The system will perform normal recovery actions that are consistent with a DBfrdtup() failure.

93. PCCKTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the RLCKTDATA relation. There may be errors in this relation in a new office or in a new office dependent data (ODD) database.

Data Structures:

RLCKTDATA.

Action:

Correct the ODD.

94. PCCKTPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure from DBfrdtup while obtaining port data from RLCKT_PORT.

95. PCCLOP_TONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Client software is asking peripheral control (PC) to close/open a path which is currently playing a tone. This will cause the tone to be cut off.

Probable Cause:

Software Error -- Client software should remove the tone before attempting a close/open on the path.

Action:

Nothing can be done by the office technician to correct this problem. All the necessary data will be sent to the ROP. Please contact 5ESS® switch field support for help.

96. PCCMRSAPDU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected remote operations service element (ROSE) application protocol data unit (APDU) type was received.

97. PCCNDERROR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Calling number display (CND) message transmission did not complete in the time allotted for the task.

98. PCCOMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation rIUNIT_CKT has failed. The probable cause is either the tuple is missing or the keys from GLpicb or rIRC_LOCEQ are incorrect. The scanning of the peripheral interface control bus (PICB) associated with the rIUNIT_CKT tuple is inhibited.

Data Structures:

A tuple of rIUNIT_CKT. key from GLpicb = picbno keys from rIRC_LOCEQ = GI_pcrd, picbno + 1.

Action:

The report prints the PICB number. Verify consistency between the PICB number and GLpicb, rIRC_LOCEQ, and rIUNIT_CKT. After correcting, perform aud:scnmsk,sm=<#> to restart scanning on the PICB.

99. PCCPTSDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not retrieve time slot data in the CMP.

100. PCCQBGONE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A circuit request could not be queued because all of the circuit queuing blocks (CQBs) are in use.

Data Structures:

RLCQB.

Action:

The number of CQBs is engineerable on a per-office basis and can be increased by RC/V.

101. PCCRDBXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between the owner tuple in RLCLU_RDB and the member tuple in RLXLIST.

Probable Cause:

Dynamic database corruption.

Action:

Problem is being automatically fixed by Audit.

102. PCCREATEFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-resource related failure occurred while attempting to create a common channel signaling system 7 (CCS7) originating terminal process.

Action:

Contact the next level of support.

103. PCCSO_NT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to deactivate a NT1 that is a cold start only NT.

Data Structures:

The static relation rIDSLEQUIP and the dynamic relation rIDPB have a field called dea_allow which indicates if the NT1 can be deactivated. The key to both of these relations is the port.

Action:

The static relation rIDSLEQUIP, for the port, needs to be updated to marked dea_allow to DBNO. Then an audit of the rIDPB should be run.

104. PCCTONEBAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid signal type was found in the global parameter Glctone. The permitted values for Glctone are {DB_PCNULL, PCHIGHTN}.

Data Structures:

Glctone.

Action:

Correct ODD.

105. PCD303RT2DS1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RT303DS1	Audit Mode: elev

Problem:

A data problem was found in the PC303rt2ds1[][] array. A digital signal level 1 (DS1) was not found in this data structure for the integrated digital carrier unit (IDCU) and the remote terminal (RT) associated with a half-call. The call will fail. The RT303DS1 audit will be scheduled.

106. PCDACCBTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel control block communication region (CCBCR) could not be removed from the foreground channel control block (CCB) timing list.

107. PCDAIGSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: AIGSDB	Audit Mode: elev

Problem:

Data problem with relation AI_GSDB. May be a linkage problem between AI_GSDB and GSLK. If necessary, appropriate data will be dumped.

Probable Cause:

Linkage errors, SPPs, lost tuples.

Action:

None, audit has been scheduled.

108. PCDANGDEACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid deactivation request. The circuit is being deactivated.

109. PCDANGNACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid deactivation request. Circuit is not activated.

110. PCDANGT_C (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A reply from the local digital service function (LDSF) and the channel control block (CCB) is not own or TRANSIENT.

111. PCDAOUTSCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel control block communication region (CCBCR) could not be removed from the foreground channel control block (CCB) timing list.

112. PCDAPP2TSP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or missing data in RLAPP2TSP relation.

Data Structures:

RLAPP2TSP.

Action:

Correct the ODD.

113. PCDAPP2TSP (5E12 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read of RLAPP2TSP relation has failed.

Probable Cause:

Invalid relation key(s) provided.

Action:

None.

114. PCDAS_MON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to insert a tuple in relation RLAS_MON.

115. PCDATAPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in transient data. Static office dependent data (ODD) is always assumed to be valid. Normally this problem indicates invalid data in a dynamic relation, but it could also indicate corrupted static data, an invalid input parameter to a function, an invalid return code from a function call, or a relation that could not be read.

Action:

Save the receive only printer (ROP) output and call for technical assistance.

116. PCDBRCSDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

A data problem was found in the RLDALB relation. Three data structures, up to 160 bytes each, are dumped.

117. PCDBRDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred when trying to read a tuple from a static relation.

Data Structures:

The name of the relation being read and the keys being used to read the relation along with any other relevant information. See the output report for specific details.

Action:

Check the information dumped and use RC/V (or ODBE, if necessary) to either insert a new tuple or otherwise correct the ODD.

118. PCDCBHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLCBHC relation.

119. PCDCCBCOM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

A data problem was encountered in the RLCCBCOM relation.

120. PCDCCCM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in an rLCCBCOM tuple.

121. PCDCCCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the fgbgbyte field in the channel control block communication region (CCBCR) on a job return.

122. PCDCDBCOM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

A data problem was encountered in the RLCDBCOM relation.

123. PCDCHAN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLCHAN relation.

124. PCDCHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in an item in the channel data block (CHDB).

125. PCDCKT2GRP (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLCKT2GRP.

Data Structures:

RLCKT2GRP

Action:

Verify if valid key(s) used; if yes, manually insert tuple.

126. PCDCKTD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The DBfrdtup() function returned a failure when updating a tuple for a circuit data block (CDB) with information from the RLCKTDATA relation. Either the CDB name was invalid, or the rICKTDATA tuple was corrupted.

127. PCDCOND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The DBfrdtup() function failed when retrieving data from the RLPORTCOND relation. The portlaptr[] list was invalid, or the rIORTCOND tuple was corrupted.

128. PCDCQB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLCQB relation.

129. PCDDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

A data problem was encountered in the RLDALB relation.

130. PCDDFLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFMAP	Audit Mode: elev

Problem:

A timeslot was read from a peripheral interface data bus (PIDB) time slot block (PTSB), but the key of the PTSB conflicted with the time slot's entry in the PCdflink[] array.

131. PCDDFMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFMAP	Audit Mode: elev

Problem:

A data problem was found with the PCdfmap[][] array.

132. PCDDFNBLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFNIBBLE	Audit Mode: elev

Problem:

A conflict was found with a time slot's entry in the PCdfnblink[][] array.

133. PCDDFNIBBLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFNIBBLE	Audit Mode: elev

Problem:

A data problem was found with the PCdfnibble[] array. This may be a symptom of a data problem with the PCdfnidle[] array and the PCdf1nidle[] array.

134. PCDDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

A data problem was encountered in the RLDPB relation. The software could have been passed an invalid D-channel port block (DPB) key.

135. PCDDS0B (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DS0B	Audit Mode: elev

Problem:

A field within an rIDS0B tuple was corrupted. The DS0B audit was scheduled.

136. PCDDSC3PIDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred trying to read relation RLDSC3PIDB.

137. PCDDSCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLDSCC relation.

138. PCDEA_ALLOW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

LPdea_nt() was called with dea_allow set to DBNO - deactivation not allowed. Probably due to a problem with a trigger function TMtfdslequip(). Need to audit the DPB.

139. PCDEFAULT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered with dynamic data. If this problem continues, contact your next level of support.

140. PCDESTROY (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

This process has detected an error that requires it to destroy a different process it has just created.

Action:

The other process just created by this process will be destroyed.

141. PCDFPHCHNLS (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup() failed when reading RLFPHCHNLS. The problem was either invalid keys or bad tuple data. The two keys, "rsm" and "fpdpi" are printed out with this assert.

142. PCDF_VPIDB (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLF_VPIDB.

Data Structures:

RLF_VPIDB

Action:

Verify if valid key(s) used; if yes, manually insert tuple.

143. PCDGLSHIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to insert a tuple into relation RLGLSHIST.

144. PCDGNGCCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid digit reply has been received from the local digital service function (LDSF) for an invalid channel control block (CCB).

145. PCDGNGTRANS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The circuit is transient and the deact_sent is not set.

146. PCDGRP_RI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was returned from the DBfrdtup() function when attempting to read the RLDGRP_RI relation. The Glpsubase global parameter may have an invalid value.

147. PCDGSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GSDB	Audit Mode: elev

Problem:

A data problem was encountered in the RLGSDB relation.

148. PCDGSLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GSLK	Audit Mode: elev

Problem:

Data problem with relation GSLK. May be a linkage problem between GSLK and GSDB, or AI_GSDB, or CBHC. If necessary, appropriate data will be dumped.

Probable Cause:

Linkage errors, SPPs, lost tuples.

Action:

None, audit has been scheduled.

149. PCDHLSC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLHLSC relation.

150. PCDHTU2RSM (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup() failed when reading RLHTU2RSM. The problem was either an invalid key or bad tuple data. The key,

"htu_num" is printed out with this assert.

151. PCDICL_MSK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLICL_MSK relation failed.

152. PCDIDDS1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: IDDS1	Audit Mode: elev

Problem:

A data problem was found in the PCidds1[] array. The status of a digital signal level 0 (DS0) in the PCidds1[] array conflicts with the status of the rIDS0B tuple as determined by the system resource allocator.

153. PCDIDPIDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: IDPIDB	Audit Mode: elev

Problem:

A data problem was found in the PCidpidb[] array. The status of a peripheral interface data bus (PIDB) time slot in the PCidpidb[] array conflicts with the status of the rIPTSB tuple as determined by the system resource allocator.

154. PCDISPIDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rIISLUPIDB tuple.

155. PCDLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was received from the DBfrdtup() function while reading the RLFC_LINE relation. The key attribute was retrieved from the process control block link area (PCBLA).

156. PCDLNK_PLI (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation RLLNK_PLI failed while trying to obtain the TSI slice number and TSI link number associated with a relative PCT link. PC will not be able to activate or idle the MH message path to the relative PCT link based peripheral.

Data Structures:

RLLNK_PLI - Keys = unit number, unit type, relative PCT link.

Action:

Insert the rLNK_PLI tuple.

157. PCDLNK_PLI (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation rLNLK_PLI failed while trying to obtain the time slot interchange (TSI) slice number and TSI link number associated with a peripheral configuration table (PCT) link. Peripheral control (PC) will not be able to activate or idle the message handler (MH) message path to the PCT link based peripheral.

Data Structures:

RLLNK_PLI - Keys = unit number, unit type, PCT link.

Action:

Insert the rLNLK_PLI tuple.

158. PCDLNK_USE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was found in relation rLNLK_USE, or a database operation (such as DBfintup()) on relation rLNLK_USE returned a failure code.

159. PCDLS_MON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to insert a tuple into relation RLLS_MON.

160. PCDMDATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the RLMDATT relation with the given SM number. One of the following problems occurred:

1. The SM number was valid (1-192), but no rLMDATT tuple was populated for that number, or the tuple was corrupted.
2. The SM number was not valid.

Data Structures:

RLMDATT.

Action:

If the SM number was not valid, use RC/V (or ODBE, if necessary) to verify that the RLMDATT relation is populated for the SM specified. If it is not, insert the tuple. If the SM number was entered incorrectly at the master control center (MCC) during an automatic line insulation test (ALIT), re-enter the SM number.

161. PCDMHPIPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred trying to read relation rLMHPIPE.

162. PCDMH_UNIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data of rIMH_UNIT tuple is bad or the tuple does not exist.

Data Structures:

rIMH_UNIT; key: mh_num and channel.

Action:

Inserts the tuple or checks up unit number and unit type.

163. PCDDMMOPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure to insert or link a tuple of relation RLMMOPDB.

164. PCDMNBSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFNIBBLE	Audit Mode: elev

Problem:

A data problem was found with the PCmnbstat global structure.

165. PCDNLI_LNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert fires to indicate that a database read of the RLNLI_LNK relation has been unsuccessful. The reasons for the failure could be the following:

- The "sm" key is out of range (1-192).
- The "nli" key is out of range (0-23), or is greater than or equal to the "eq_lis" (1-24) value in the RLMODATT relation for the specified SM.

Data Structures:

RLNLI_LNK.

Action:

Check the office-dependent data (ODD) and see if the RLNLI_LNK relation is populated correctly for the specified (E)NLI and specified SM. If not, insert the data using ODBE.

166. PCDPB_DALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The linkage between the head rIDALB tuple and the owning rIDPB tuple was corrupt.

167. PCDPBX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was received from the DBfrdtup() function while reading the RLFC_PBX relation. The key attribute was retrieved from the previous read of the RLFC_LINE relation. This may indicate an office dependent data (ODD) population error.

168. PCDPC_STAT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: DPCI	Audit Mode: elev

Problem:

Error accessing tuple in RLDPC_STAT.

Probable Cause:

Dynamic database corruption.

Action:

Problem is being automatically fixed by Audit.

169. PCDPF_SLCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLFP_SLCP relation has two attributes: slv_port and cpe_port.

The slv_port attribute is the global port ID of the private facility access (PFA) sleeve port and is divided into the subattributes port.member and port.module. port.member is the port name of a trunk, and port.module is the SM number that this port terminates on. The slv_port attribute depends on the existence of an rIFC_TRUNK tuple and an rIFC_PORTTYP tuple for this port with the following attribute values:

```
rIPORTTYPE.servclass = FC_PFSLV
rIPORTTYPE.porttype = TM_TRK
rIPORTTYPE.testpont = DBNO
rIPORTTYPE.els_loss = DBNO
```

The cpe_port attribute is the global port ID of the customer premises equipment (CPE) port used in the private facility (PF) feature. It is divided into the subattributes port.member, the port name of a line, and port.module, the SM number that this port terminates on. cpe_port depends on the existence of an rIFC_TRUNK tuple and an rIFC_PORTTYP tuple for this port with the following attribute values:

```
rIPORTTYPE.servclass = FC_PFCPE
rIPORTTYPE.lptyp = PCTRKOG
rIPORTTYPE.porttype = TM_TRK
rIPORTTYPE.testpont = DBNO
rIPORTTYPE.els_loss = DBNO
```

Data Structures:

RLFC_TRUNK, RLFC_PORTTYP.

Action:

Using RC/V (or ODBE, if necessary), check the office dependent data (ODD) to verify that the RLFC_TRUNK and RLFC_PORTTYP relations are populated according to the above information.

170. PCDPHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLPHDB relation.

171. PCDPIDB_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLPIDB_PT relation failed for the tuple keyed by the values printed on the receive only printer (ROP).

Data Structures:

RLPIDB_PT. Key fields: dpidb [directly connected peripheral interface data bus (DPIDB) circuit name] keyslot (0 or 16).

Action:

Insert the rDPIDB_PT tuple for this DPIDB.

172. PCDPLI_LNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation rIPLI_LNK failed while trying to obtain the unit number, unit type, and the peripheral configuration table (PCT) link number associated with the given time slot interchange (TSI) link number.

Data Structures:

RLPLI_LNK - Key = TSI link number.

Action:

Insert the rIPLI_LNK tuple.

173. PCDPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The DBfrdtup() function returned a failure when obtaining port data from the RLFC_PORTTYP relation. Either the port name was invalid, or the tuple data was corrupted.

174. PCDPTSB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

A data problem was encountered in the RLPTSB relation.

175. PCDQPHPIPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred trying to read relation rIQPHPIPE.

176. PCDQPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred trying to read relation rlQPORT.

177. PCDRDT2UNIT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read of RLRDT2UNIT has failed.

Probable Cause:

Invalid relation key(s) provided.

Action:

None.

178. PCDRDTCPDAT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: UNIT2RDT	Audit Mode: elev

Problem:

Database read of RLRDTCPDAT relation has failed.

Probable Cause:

Invalid relation key(s) provided.

Action:

None. Audit has been scheduled.

179. PCDRSM2HTU (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup() failed when reading RLRS2HTU. The problem was either an invalid key or bad tuple data. The key, "rsm_num" is printed out with this assert.

180. PCDRSMCHAN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLRS2CHAN relation failed.

181. PCDRSMNTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLRS2MNTS relation failed.

182. PCDRTS_HCN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLRTS_HCN relation failed.

183. PCDRTS_RTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLRTS_RTS relation failed while trying to set up a path between SMs in a multi-module remote switching module (MMRSM) on an intra-cluster link (ICL). There may be an inconsistency between the RLICL_MSK and RLRTS_RTS relations. Either an extra bit was set in an rLICL_MSK tuple, or an rIRTS_RTS tuple was missing.

Data Structures:

RLRTS_RTS, RLICL_MSK.

Action:

Verify that the RLICL_MSK and RLRTS_RTS relations are consistent with each other.

In the SM that originated the assert, there is an rLICL_MSK tuple for each SM in the MMRSM cluster, one for the host SM, and one in which the key is zero. Ignore the tuples that have as keys the asserting SM's module number or the host SM's module number. The fields in an rLICL_MSK tuple are hex numbers, each field representing 32 time slots. The bits are read left to right, first the even numbers followed by the odd numbers. The first bit on the left of field msk01 is time slot 0, the next is 2, then 4, and so on through 62. The mask02 field represents even time slots 64 through 126; and so on. The odd time slots start with the msk09 field, and count off 1, 3, 5,...,511.

If the bit for a time slot is 1, there should be a corresponding rIRTS_RTS tuple. If an rIRTS_RTS tuple does not exist, use RC/V (or ODBE, if necessary) to change the 1 bit to a 0. For example, if time slot 14 is in question, it is the eighth bit in msk01. msk01 might contain c3000808. The eighth bit is the least significant bit of the second hex digit, the 3. To set the eighth bit to zero, change the 3 to a 2. The updated msk01 contains c2000808.

If the bit is not set for any of the tuples for the SMs in the cluster, the error may be on another SM. In some cases, an SM selects an ICL time slot, sends it in a message to another SM, which tries to discover the module number of the first SM by reading rIRTS_RTS. In such cases, it could be the first SM that has the rLICL_MSK problem, while the second SM asserts. The consistency check may need to be repeated for each SM in the MMRSM cluster.

It is possible that RLICL_MSK relation is correct and an rIRTS_RTS tuple is missing. Verify that all ICL time slots that are equipped are represented in RLRTS_RTS. Count the number of ICL time slots. There are 23 time slots for each communication link digital facility interface (CDFI) on the SM, but only 22 each for facilities interface data bus (FIDB) 01 and FIDB 11. There should be an rIRTS_RTS tuple for each time slot. If a tuple is missing, refer to the data population rules for the RLICL_MSK relation to insert the tuple.

184. PCDS1_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLDS1_PT relation failed for the tuple keyed by the values printed on the receive only printer (ROP).

Data Structures:

RLDS1_PT. Key fields: ds1name [digital signal level 1 (DS1) circuit name] key_slot (0 or 12).

Action:

Insert the rIDS1_PT tuple for this DS1.

185. PCDS12RT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLDS12RT relation failed. The RLDS12RT relation contains information associated with a TR-303 (or TR-008) DS1 facility, including which RT (remote terminal) it serves.

Data Structures:

RLDS12RT. Key field: ds1name (DS1 circuit name).

Action:

Insert the rIDS12RT tuple for this DS1.

186. PCDS12RT (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLDS12RT relation failed for the integrated digital carrier unit (IDCU) digital signal level 1 (DS1) circuit name printed on the receive only printer (ROP).

Data Structures:

RLDS12RT. Key field: ds1name (DS1 circuit name).

Action:

Insert the rIDS12RT tuple for this DS1.

187. PCDS96ABSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following problems occurred:

1. The RLFC_PORTTYP relation was not populated for the specific channel unit type.
2. The RLS96ABSIG relation was not populated for the specific channel unit type.
3. One of the key fields specified was corrupted.

Data Structures:

RLFC_PORTTYP, RLS96ABSIG.

Action:

Using RC/V, access the RLFC_PORTTYP relation to verify that a tuple exists for the channel unit type specified. If it does not, check the population rules and insert a tuple for this channel unit type.

If the rLFC_PORTTYP tuple does exist and is valid, verify that the rLS96ABSIG tuple for the specified channel unit type exists. If it does not, insert the values specified by the population rules.

188. PCDS96BASE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BASE	Audit Mode: elev

Problem:

The OPs96dsel() function could not access the RLS96BASE relation to connect a peripheral interface control bus

(PICB) to a SLC®-96 digital facility interface (S-DFI).

189. PCDS96DFI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EQUIP	Audit Mode: elev

Problem:

SLC®-96 origination processing was passed a SLC®-96 digital facility interface (DFI) name by the control interface (CI) scan. The DFI name is used to access the RLS96DFI relation to determine the shelf name; but access to this relation failed.

190. PCDSGDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLSGDB relation.

191. PCDSLEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when trying to read an rIDSLEQUIP tuple.

192. PCDSL_EQ_CRFT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the RLDSLEQUIP relation. This may indicate an error in this relation for a new office, or an error in a new office dependent data (ODD) database.

Data Structures:

RLDSLEQUIP.

Action:

The message printed specifies the key used to retrieve an rIDSLEQUIP tuple and the attribute that is suspected to be incorrect. Use RC/V (or ODBE, if necessary) to properly set the attribute.

193. PCDSPDCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the customer premises equipment (CPE) must be routed to the display terminal process, but the disp_dalb field in the RLTEDB relation was corrupted. This field identifies the destination terminal process. The disp_dalb field was nulled to prevent repetitive routing failures.

194. PCDT1USG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLS96T1USG relation, or too many mode 2 special services channel units (CUs) were assigned.

195. PCDTONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLNONECH relation.

196. PCDTRCUPATH (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLTRCUPATH.

Data Structures:

RLTRCUPATH.

Action:

Verify if valid key(s) used; if yes manually insert tuple.

197. PCDTSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLTSDB relation.

198. PCDTSP2APP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or missing data in RLTS2APP relation.

Data Structures:

RLTS2APP.

Action:

Correct the ODD.

199. PCDTSP2APP (5E12 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read of RLTS2APP relation has failed.

Probable Cause:

Invalid relation key(s) provided.

Action:

None.

200. PCDUBHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was encountered in the RLUBHC relation.

201. PCDUNIT_CKT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure from DBfrdtup() when reading RLUNIT_CKT. The problem was caused by either invalid keys or bad tuple data.

202. PCDUNIT_CKT (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure from DBfrdtup() when reading RLUNIT_CKT. The problem was caused by either invalid keys or bad tuple data.

203. PCDUTD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

A data problem was encountered in the RLUTD relation.

204. PCDVPIDB_F (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data inconsistency of rVPIDB_F tuple or tuple is missing.

Data Structures:

RLVPIDB_F; key: unit number, utype, rel pct, and rel vp.

Action:

Check up unit number and unit type or insert the tuple.

205. PCEBFGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A foreground to background error indicator in the function PCebrprt() is set to an unknown error value.

206. PCEBSPRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foreground e-bit scanning function PCebscan() has detected an unknown return value from the function SP_popspf(). The return value is in the local variable PCebscan'nts.

207. PCEBSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected state has been detected during e-bit scanning. The time slot data block (TSDB) and associated path

data block (PHDB) will be dumped for the time slot found to be in error.

208. PCENDTRNER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Could not close a database transaction.

209. PCFCHPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:
Could not follow the linkage from the rICHDB tuple to the rIPTSB tuple.

210. PCFCPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The DBfrdtup() function failed when trying to read an rIFC_PORTTYP tuple.

211. PC_FCPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
While attempting to read an rIFC_PORTTYP tuple using a port that was passed to the PCpt2chan() function, a system error occurred.

Data Structures:
RLFC_PORTTYP. Key fields: port.

Action:
The system will perform normal recovery actions that are consistent with a DBfrdtup() failure.

212. PCFGERROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An operating system (OS) timeout return code was received because a process was not awakened after foreground (FG) timing.

213. PCFPCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:
Could not follow the linkage from a process control block link area (PCBLA) to a D-channel application linkage block (DALB).

214. PCFPTCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

Could not follow the linkage between the peripheral interface data bus (PIDB) time slot block (PTSB) and the channel data block (CHDB).

215. PCFPTPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

A one-to-one linkage error was found between two peripheral interface data bus (PIDB) time slot blocks (PTSBs). The PTSB audit will be scheduled to check the integrity of the data.

216. PCFTDCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the customer premises equipment (CPE) must be routed to the feature terminal process, but the feat_dalb field in the RLTEDB relation was corrupted. This field identifies the destination terminal process. The feat_dalb field was nulled to prevent repetitive routing failures.

217. PCF_VPIDB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read of RLF_VPIDB relation has failed.

Probable Cause:

Invalid relation key(s) provided.

Action:

None.

218. PCGDSFPICBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find peripheral interface control bus (PICB) in global digital service function (GDSF) queue index table.

Probable Cause:

Corrupt data queue table entry.

Action:

None.

219. PCGETCBHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAgetcbhc() failed unexpectedly.

220. PCGETCCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find the rCCBCOM tuple specified by the key.

221. PCGETCDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

An rCDBCOM tuple for a given key was not found.

222. PCGETCHAN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Could not find the rCHAN tuple specified by a given key.

223. PCGETCHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find the rCHDB tuple specified by the key.

224. PCGETCQB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not find the rCQB tuple specified by the key.

225. PCGETDPB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the D-channel port block (DPB) associated with the port. Probably used the DAGETDPB macro.

226. PCGETGSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: GSDB	Audit Mode: elev

Problem:

A dynamic access (DA) primitive failed. The failure involved the grid summary scan data block (GSDB) and the DAgetgsdb() function.

227. PCGETPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

No rPCBLA tuple exists for a given process control block link area (PCBLA) key. For example, the DAgetpcbla() function may have failed. The PCBLA audit is scheduled.

228. PCGETPHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not retrieve an rIPHDB tuple.

229. PCGETPICB (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: DYNPICB	Audit Mode: elev

Problem:

A data problem was found in the RLDYNPICB relation which is a copy of the RLPICB relation, but in dynamic data. This assert is also used for problems in RLSGDB.

230. PCGETPICB (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: PICB	Audit Mode: elev

Problem:

A data problem was encountered with a peripheral interface control bus (PICB) data block or a service group data block (SGDB). The block's key does not equal the access key.

231. PCGETPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Could not find the rIORTLA tuple specified by the portname key.

232. PCGETPTSB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get the peripheral interface data bus (PIDB) time slot data block (PTSB) associated to the PTSB key found in the DPB.

233. PCGETRESTRMTR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: RESTRMTR	Audit Mode: elev

Problem:

Accessing a timer head cell for MTP Restart has failed.

Probable Cause:

An invalid timeout value was passed to a function that accesses the array of CCRESTRMTR (timer head cell) structures.

Action:

Note occurrence and report problem to field support with all associated ROP data.

234. PCGETTONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An rITONECH tuple was not found for the specified key.

235. PCGETTSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not get a pointer to the time slot data block (TSDB).

236. PCGETUBHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitive DAgetubhc() failed unexpectedly.

237. PCGQINDXOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Index into the SMP->GDSF message queue was found out of range.

Probable Cause:

Corrupted data in PCgdsf_q for unit number.

Action:

None.

238. PCHTIMDUMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data dump contains 160 bytes of data that was collected by the peripheral control (PC) hardware trace SM function. This 160-byte struct (PCHTIM_OUT) is printed in the report data message.

239. PCIBRGDB (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to insert a tuple in relation RLBRGDB.

Action:

Contact next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

240. PCIDCKT2GP (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIIDCKT2GP tuple failed for the integrated digital carrier unit (IDCU) number, the remote terminal (RT) number, and the group number printed on the read only printer (ROP).

Data Structures:

RLIDCKT2GP. Key fields: IDCU number, RT number, and group number.

Action:

Insert the rIIDCKT2GP tuple.

241. PCIDLCCBLST (5E14 and later)

Recovery Action: spp	SPP: n	Audit: CCBCOM	Audit Mode: nonseg

Problem:

When removing an rCCBCOM tuple from the idle list, existing linkages were found to be corrupt.

This assert will purge the running process and will run the rCCBCOM audit in DIRECT mode to recover the idle list quickly and resume call processing.

242. PCIDPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rFC_PORTTYP tuple failed.

Data Structures:

RLFC_PORTTYP. Key field: port [remote terminal (RT) port name].

Action:

Insert the rFC_PORTTYP tuple for this RT port.

243. PCINMODE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral Control (PC) function used exclusively during switch unsegmented mode only (i.e., initialization) was entered during switch segmented mode.

Probable Cause:

Client called PC too late during an initialization.

Action:

Nothing can be done by the office technician to correct this problem. All the necessary data will be sent to the ROP. Please contact 5ESS[®] switch field support for help.

244. PCINSGDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PROBLEM: An attempt was made to initialize an RLSGDB tuple based on data in an RLCDFI_MAP tuple.

Probable Cause:

Office dependent data (ODD) data in in RLCDFI_MAP is not consistent with data in the RLCKTDATA tuple for that communication digital facility (CDFI) facility.

Action:

Verify ODD data consistency between RLCDFI_MAP and RLCKTDATA.

245. PCINVALREPLY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An AIU reply message was received with class codes CX_INVALID, CXBADJOB, AX_INVALID, or AXBADJOB.

Probable Cause:

An attempt was made to send unsupported job to AIU's COMDAC or AP.

Action:

None.

246. PCINVBONOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid connector operation was found in a message to the PH3port terminal process.

247. PCINVBRGENT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bridge operation failed due to an invalid bridge entry condition. The operation could not be performed and failure was returned to the process requesting the operation.

Probable Cause:

The entry condition for the bridge operation was violated due to incorrect data or invalid feature interactions.

Action:

Two data items are dumped to provide information about the process controlling the port being monitored and the process controlling the bridge. These data dumps should be analyzed to determine the cause of the problem.

248. PCINVCKTNM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid internal circuit name (DMCIRCUIT) has been encountered.

Probable Cause:

1) A read of the UNIT_CKT relation failed; the relation read failed probably due to an incorrect key used; UNIT_CKT is usually read to determine an internal circuit name ('cktname' is a non-key attribute of UNIT_CKT).

2) An invalid circuit name was supplied to the PC subsystem by another subsystem via function call or message passing.

Any subsequent attempts to access the database (using the invalid circuit name) will fail.

Action:

Evaluate stack frames (and any additional data) provided on the ROP to determine why the invalid circuit name was encountered.

249. PCINVGMBX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A global digital service function (GDSF) unified control interface (UCI) mailbox has been found to be invalid.

Probable Cause:
Unknown.

Action:
None.

250. PCINVLD_DATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Peripheral control (PC) software has detected invalid data.

Probable Cause:
Either client software has called PC incorrectly or the office dependent data (ODD) has been corrupted.

Action:
The location of the assert and the additional data dumped will be needed to analyze the problem. No exchange technician action is required.

251. PCINVMANN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An error in setting the keys used to read the RLFC_ANOUNCE relation occurred, or the rLFC_ANOUNCE tuple representing the trunk member for the music source was missing.

Data Structures:
RLFC_ANOUNCE. Key fields: port.module, port.member.

Action:
Using RC/V (or ODBE, if necessary), access RC/V View 5.1 (TRUNK GROUP) and RC/V View 5.5 (TRUNK MEMBER) to cross-check the data for the keys in the RLFC_ANOUNCE relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support.

252. PCINVMTRK (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An error in setting the keys used to read the RLFC_TRUNK relation occurred.

Data Structures:
RLFC_TRUNK. Key fields: port.module, port.member

Action:
Using RC/V (or ODBE, if necessary), access RC/V View 5.1 (TRUNK GROUP), RC/V View 5.5 (TRUNK MEMBER), and RC/V View 1.11 (BRCS FEATURE ASSIGNMENT) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used.

If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

253. PCINVMTRK (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error in setting the keys used to read the RLFC_TRUNK relation occurred, or the rIFC_TRUNK tuple representing the music source was missing.

Data Structures:

RLFC_TRUNK. Key fields: port.module, port.member.

Action:

Using RC/V (or ODBE, if necessary), access RC/V View 5.1 (TRUNK GROUP), RC/V View 5.5 (TRUNK MEMBER), and RC/V View 1.11 (BRCS FEATURE ASSIGNMENT) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used.

If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

254. PCINVMUSIC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid music port was requested for sourcing music. One of the following problems occurred:

1. No tuple was found in the RLFC_PORTTYP relation for the given music port.
2. The music port was not populated as a PCRECDANN trunk.
3. The music_ind attribute in the rIFC_PORTTYP tuple was not set to DBYES.

Data Structures:

RLFC_PORTTYP. Key fields: port.module (SM number), port.member (member ID).

Action:

Use the input message OP:CONV,PORT to verify that the port key for the rIFC_PORTTYP tuple is a valid trunk member port. With the trunk group number and member number from the OP:CONV,PORT message, use RC/V to review RC/V View 5.1 (TRUNK GROUP) and RC/V View 5.5 (TRUNK MEMBER) for the associated tuple.

If the tuple is not found, insert the port information on View 5.1 and View 5.5. Change the trunk service class (TRK CLASS) to ANNCMNT on View 5.1. Set the MUSIC SOURCE field to "Y" on View 5.5.

255. PCINVNPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The N-port terminal process associated with a conference circuit received a message to perform a remote procedure call, but the data in the message was invalid. The additional data dump is the message buffer, starting with the message header. Although the problem was detected in the N-port process, the source of the error is in the sender; the most likely strategy for debugging is to trap the message being sent.

256. PCINVPGM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

It is not valid for this function to be called by the currently running program.

257. PCINVPHSNKDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The sink data stream attribute in the path data block (PHDB) was set to PHGSIGNAL, indicating that the PHDB was linked to a music terminal process (MTP). However, the PHDB was linked to a process other than the MTP. The PHDB will be dumped.

258. PCINVUSER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This Assert indicates that PCI1cntl has been called by terminal maintenance to perform tasks inhibiting or allowing scanning of NT1 user errors for an NT1 type incapable of sending the user error bits (PS1, PS2, or NTM).

259. PCISCDCFG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ISCDCFG	Audit Mode: nonseg

Problem:

Invalid or inconsistent data was found in the PCiscdconfig[] table, or in the common data (CD) circuit pack's status bits in the universal control interface (UCI) of the peripheral.

260. PCISMANBUS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

A circuit data block (CDB) problem was encountered with a request. The integrated services line unit (ISLU) line group controllers (LGCs) 00-07 may have Z-cards or U-cards that are equipped, but do not have metallic access network (MAN) pack 00 and MAN pack 10 equipped; or ISLU LGCs 08-15 may have Z-cards or U-cards equipped, but do not have MAN pack 01 and MAN pack 11 equipped.

261. PCJBSPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was received from peripheral control (PC) job scheduling.

262. PCK2CKMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation rUNIT_CKT has failed. The cause is an inconsistency in or a missing tuple. The scanning of the PICB associated with the tuple has been inhibited.

Data Structures:

Tuple of rUNIT_CKT keys to rUNIT_CKT = picb tuple unitnum picb tuple unittype ckt index from picb tuple service group

Action:

The report prints the PICB number associated with the rUNIT_CKT tuple. Verify consistency between the PICB tuple and rUNIT_CKT. After correcting, perform aud:scnmsk,sm=<#> to enable scanning on the PICB.

263. PCLAPBSUB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLLAPBSUB relation for a packet switching B (PSB) channel. Tuples exist in the RLDSEQUIP and RLFC_PORTTYP relations with data indicating that this port is a PSB.

Data Structures:

RLLAPBSUB. Key field: bport [digital subscriber line (DSL) B-channel port name]

Action:

Convert the port name printed on the receive only printer (ROP) to the appropriate key for RC/V View 23.1 (DSL USERS). Verify that the B1/B2 packet parameters, fields 32-36, are populated correctly for the port in question.

264. PCLBINPRG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Client called peripheral control (PC) requesting a layer 1 loop back test of the message handler (MH) message path to a peripheral configuration table (PCT) link base peripheral while a loop back test was already in progress.

Probable Cause:

Concurrent operations illegally being performed on message path with out proper ownership.

Action:

Nothing can be done by the office technician to correct this problem. All the necessary data will be sent to the ROP. Please contact 5ESS® switch field support for help.

265. PCLBRGCC (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: BRGDB	Audit Mode: elev

Problem:

Error in one-to-one linkage from BRGDB to CCBCOM. For example, getting the CCBCOM from the BRGDB.

Probable Cause:

Some database corruption has occurred.

Action:

A BRGDB audit is scheduled to try and correct the problem. There is no action the office technician can take to correct this problem. Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

266. PCLCBGS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CBHC	Audit Mode: elev

Problem:

An rCBHC tuple did not exist, an rIGSDB tuple did not exist, an rCBCH tuple did not own an rIGSDB tuple, or the linkage was corrupted.

267. PCLCCBRG (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: BRGDB	Audit Mode: elev

Problem:

Error in one-to-one linkage from BRGDB to CCBCOM. For example getting the CCBCOM from the BRGDB.

Probable Cause:

Some database corruption has occurred.

Action:

A BRGDB audit is scheduled to try and correct the problem. There is no action the office technician can take to correct this problem. Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

268. PCLCCCD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The specified rCCBCOM tuple did not own an rCDB tuple, the specified rCCBCOM tuple was not found, the specified rCDB tuple was not found, or the linkage was corrupted.

269. PCLCCCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CQB	Audit Mode: elev

Problem:

The rCCBCOM tuple was not found, the rCQB tuple was not found, the rCCBCOM tuple did not own an rCQB tuple, or the linkage was corrupted.

270. PCLCCDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

A linkage error from the rCCBCOM tuple to the rIDS0B tuple was encountered.

271. PCLCCPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not follow the linkage from the channel control block (CCB) to the path data block (PHDB).

272. PCLCCPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

A linkage error was encountered between the RLCCBCOM relation and the RLPTSB relation.

273. PCLCCSNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The specified rCCBCOM tuple did not own an rCHDB tuple, the specified rCCBCOM tuple was not found, the specified rCHDB tuple was not found, or the linkage was corrupted.

274. PCLCCSRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The rCCBCOM tuple was not linked to an rCHDB tuple, the rCCBCOM tuple was not found, the rCHDB tuple was not found, or the existing linkage was corrupted.

275. PCLCDCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

An rCHDB tuple was not linked to the specified rCDB tuple, the specified rCDB tuple was not found, the specified rCHDB tuple was not found, or the linkage was corrupted.

276. PCLCGSSMASK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LCGSSMASK	Audit Mode: elev

Problem:

An inhibited grid on a line unit model 4 reported a transition. A grid summary scan mask audit was requested.

277. PCLCHCD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

The specified rCHDB tuple was not linked to the rCDB tuple, the specified rCHDB tuple was not found, the specified rCDB tuple was not found, or the linkage was corrupted.

278. PCLCHDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

A linkage error from the rCHDB tuple to the rIDS0B tuple was encountered.

279. PCLCHPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

A linkage error was encountered between the RLCHDB relation and the RLPTSB relation.

280. PCLDSCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DS0B	Audit Mode: elev

Problem:

A linkage error from the rIDS0B tuple to the rCCBCOM tuple was encountered. The DS0B audit was scheduled.

281. PCLDSCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DS0B	Audit Mode: elev

Problem:

A linkage error from the rIDS0B tuple to the rCHDB tuple was encountered.

282. PCLDSPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DS0B	Audit Mode: elev

Problem:

A linkage error from the rIDS0B tuple to the rIPTSB tuple was encountered. The DS0B audit was scheduled.

283. PCLGRPMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read the RLLGRPMEM static relation.

Data Structures:
RLLGRPMEM.

Action:

No Action.

284. PCLINKPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A linkage that should have been set by the peripheral controller (PC) does not exist.

285. PCLK6DATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LK6	Audit Mode: elev

Problem:

Failure to read a tuple in the dynamic relation RLLK6_DATA.

286. PCLMCCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

A set linkage problem was encountered among the channel control block (CCB) set members, or the specified rCCBCOM tuple was not found.

287. PCLMCDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CDBCOM	Audit Mode: elev

Problem:

A set linkage problem was found among the circuit data block (CDB) set members, or the specified rCDB tuple was not found.

288. PCLMCHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

A set linkage problem was encountered among the channel data block (CHDB) set members, or the specified rCHDB tuple was not found.

289. PCLMCPLR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CPLR	Audit Mode: elev

Problem:

A set linkage problem was encountered among the coupler data block (CPLR) set members, or the rICPLR tuple was not found.

290. PCLMPHTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

A set linkage problem was encountered among the time slot data block (TSDB) set members, or the specified rITSDB tuple was not found in the file LPsig_relay.

291. PCLMTSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

A set linkage problem was encountered among the time slot data block (TSDB) set members, or the specified rITSDB tuple was not found in the file LPno_relay.

292. PCLNKAPDU (5E11 and later)

Recovery Action: spp	SPP: n	Audit: APDU	Audit Mode: nonseg

Problem:

An application protocol data unit (APDU) linkage error has been detected. This may be an APDU-APDU linkage error, or an APDU-DB_HEADC linkage error.

Probable Cause:

Corruption of the APDU dynamic relation.

Action:

This assert will schedule the APDU audit in demand mode to correct all corrupt linkages and purge the process encountering the error.

293. PCLNKDALB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DALB	Audit Mode: nonseg

Problem:

A linkage error was encountered between two rIDALB tuples in a set owned by an rIDPB tuple. This could indicate a data problem in the RLDALB relation.

294. PCLNK_PLI (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read is not successful .

Probable Cause:

The tuple is missing or the keies are not correct.

Action:

If tuple is missing then insert the tuple.

295. PCLNKPLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup failed when trying to read rLNKP_LS.

296. PCLOSS_TBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function returned a failure when attempting to read the RLLOSS_TBL relation.

297. PCLOSTTIMER (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The cyclic timer associated with the SM network control system process was lost. A time slot refresh message was sent as the result of a time slot release, and more than 15 seconds have elapsed since the last message was sent. The system process will be purged to cause the timer to be restarted.

298. PCLPCCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An rIPCBLA tuple, rICCB COM tuple, or rICCB COM tuple was not owned by the rIPCBLA tuple, or the existing linkage was corrupted.

299. PCLPCCPLR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The rIPCBLA tuple was not found, the rPORTCPLR tuple was not found, the rPORTCPLR tuple was not owned by the rIPCBLA tuple, or the linkage was corrupted.

300. PCLPCPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The rIPCBLA tuple was not found, the rIPHDB tuple was not found, the rIPCBLA tuple did not own an rIPHDB tuple, or the linkage was corrupted.

301. PCLPHSNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the path data block (PHDB) to time slot data block (TSDB) sink linkage.

302. PCLPHSRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the path data block (PHDB) to time slot data block (TSDB) source linkage.

303. PCLPHTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

The rIPHDB tuple was not found, the rITSDB tuple was not found, the rIPHDB tuple did not own an rITSDB tuple, or the linkage was corrupted.

304. PCLPTDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

A linkage error from the rIPTSB tuple to the rIDS0B tuple was encountered. The peripheral interface data bus (PIDB) time slot data block (PTSB) audit was scheduled.

305. PCLS6_LNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup failed when trying to read RLLS6_LNK.

306. PCLSLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup failed when trying read rLS_LNK relation.

307. PCLSNKCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

The specified rICHDB tuple was not owned by the rCCBCOM tuple, the specified rICHDB tuple was not found, the specified rCCBCOM tuple was not found, or the linkage was corrupted.

308. PCLSRCCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

An rCCBCOM tuple was not linked to the specified rICHDB tuple, the specified rICHDB tuple was not found; the specified rCCBCOM tuple was not found, or the linkage was corrupted.

309. PCLUBCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: UBHC	Audit Mode: elev

Problem:

The rIUBHC tuple was not found, the rICHDB tuple was not found, the rIUBHC tuple did not own an rICHDB tuple, or the linkage was corrupted.

310. PCMALLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage corruption was detected in the RLMALLOC relation.

311. PCMBOXBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel field of a GDSF->SMP mailbox was corrupt.

Probable Cause:

Channel incorrectly put into mailbox.

Action:

None.

312. PCMCDSTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid metallic connection description type was encountered. The type does not exist.

313. PCMCLMTB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when reading the RLRC_EQLOC relation. This relation contains the metallic test bus (MTB) number for a line unit.

314. PCMCMSUSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful read of the RLPC_MSUSG relation occurred.

315. PCMCRLPTC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when reading the protocol circuit relation RLPRTC.

316. PCMCTMTB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when reading the RLMTBTST relation. This relation contains the metallic test buses (MTBs) for the test trunks.

317. PCMCTRMTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when reading the RLLOCEQ relation. This relation contains the metallic test buses (MTBs) for the trunk unit.

318. PCMDPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup failed when trying to read rIMDPATH.

319. PCMHPIPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data inconsistency or invalid data was found in relation RLMHPIPE. Either the 'qnetwork' field in RLMHPIPE has invalid value, or the number of network time slots in bitmap array net_slots[] and/or peripheral time slots in bitmap array per_slots[] in RLMHPIPE are not equal to the value 'num_slots' field in RLMHPIPE.

Data Structures:

RLMHPIPE.

Action:

Correct the office-dependent data (ODD). The number of network and peripheral time slot should be the same as the value of 'num_slots' field in RLMHPIPE relation. Also the value of 'qnetwork' field in RLMHPIPE relation has to be in the domain DMQLNTWK. The 'qnetwork' field may have the value of 2 or 3.

320. PCMH_UNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read on relation rIMH_UNIT returned a failure code.

Probable Cause:

Database problem.

Action:

None.

321. PCMPHDTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A metallic test interconnect bus (MTIB) was stuck; that is, it was busy more than "n" hours. The bus was idled for the old user and reassigned to a new user.

322. PCMTBADSND (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to MTSENDPERF() unexpectedly returned MTBADLENGTH or MTBADPARM.

Probable Cause:

Unknown.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

323. PCMTBFE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed to read an rIMTBFE tuple which contained the type of unit that was connected to the far end [the non-metallic service unit (MSU) end] of the metallic test bus (MTB). Peripheral control (PC) uses this relation to determine whether gated diode crosspoint (GDX) compensation is required during metallic connections to lines.

324. PCMTBS96 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the static relation RLMTBS96, the DBfrdtup() function returned a failure code to the PCmc_mtb() function in the central processor (CP). The failure return code was DBRELNAME_BAD, DBIN_TRAN, or DBSYS_ERR which indicates an internal database (DB) error.

325. PCMTPCBLAERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An ownership error occurred. A music source was owned by a process other than a far music terminal process (MTP), or an invalid association between the music port and the process was detected. A process control block link area (PCBLA) audit was scheduled.

326. PCMTUNKSND (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to MTSENDPERF() had an unknown return value.

Probable Cause:

Unknown.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

327. PCMVBRGATT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to move a port [channel control block (CCB)] that was bridged.

328. PCMVCLSDPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to move a port [channel control block (CCB)] that still had a closed path.

329. PCMVEPROC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request was made to move a port [channel control block (CCB)] to a nonexistent process.

330. PCNACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid LDSF Reply. Circuit is Not **Activated**.

331. PCNDACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid LDSF Reply. Circuit is Not ** De-Activated **.

332. PCNGVPA_STAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid state in PCVPA_STAT.

333. PCNODSL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The specified dport was not found in the RLEQUIPDSL relation.

334. PCNODTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the customer premises equipment (CPE) must be routed to the display terminal process. The disp_dalb field in the RLTEDB relation was set to null, indicating that the display terminal process did not exist.

335. PCNOFTBN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the DBfrdtup() function to read the RLFEATBN relation failed. This relation contains the feature to button mapping for integrated services digital network (ISDN) terminals.

Data Structures:

RLFEATBN.

Action:

Populate the RLFEATBN relation.

336. PCNOISTRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the DBfrdtup() function to read the RLIS_TERM relation failed. This relation contains terminal specific data for an integrated services digital network (ISDN) terminal.

Data Structures:

RLIS_TERM.

Action:

Populate the RLIS_TERM relation.

337. PCNOMASTER (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: elev

Problem:

A wideband process with path data blocks (PHDBs) attached to the process control block link area (PCBLA) did not have the first PHDB as the master. The data was corrupted. The process was purged.

338. PCNOTINSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the customer premises equipment (CPE) required the CPE mode to be inspect, but the cpemode field in the rITEDB tuple was not inspect.

339. PCNUDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An attempt was made to set up a port as a non-switched special services nail-up port. This port is marked as a nail-up port in the RLPORTLA relation, but there is a problem reading the RLNAILUP relation for the port. The PORTLA audit checks for consistency between rIPORTLA tuples marked as nail-up and the existence of corresponding rINAILUP tuples. If the rINAILUP tuple is missing, the rIPORTLA tuple is updated to indicate non-nail-up and an output message is printed. This assert returns to point of interrupt because it is called from routine port conditioning.

340. PCNUHRWD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The port type was not supported by nail-up.

Data Structures:

RLCKTDATA. Key field: lp_type.

Action:

The nail-up connection will not be brought up. Verify that the port is supported by nail-up.

341. PCNUSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The signaling mode specified for a nail-up connection was inconsistent with the signaling capabilities of the hardware. The signaling mode for the connection will be down-graded to no signaling.

342. PCODPSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when trying to read the RLODPSOP relation.

343. PCOPLOSS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was received by the PCoploss() function. This function inserts a loss of zero for operator services position system (OSPS) conference calls.

344. PCOPNRELER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not open a static database relation.

345. PCOSDSPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid condition or time limit was specified on an operating system for distributed switching (OSDS) primitive call.

346. PCOSLNGTH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The user-supplied operating system for distributed switching (OSDS) message was too long.

347. PCOSSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid process ID was encountered, or too many messages were buffered by the operating system for distributed switching (OSDS).

348. PCOSWAKE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from the OSwake() primitive.

349. PCOUTSCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel control block communication region (CCBCR) was missing from the PCoutsch[] array.

350. PCOWNPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

A port control block link area (PCBLA) was found that was not the PCBLA for the current process.

351. PCPHDATAPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDATA	Audit Mode: elev

Problem:

The dynamic table PCphdata[] was incorrect. This table holds path hunt data for each SM such as time slot data, time multiplexed switch (TMS) network control and timing (NCT) link numbers, and status. For remote SMs (RSMs), it also indicates the host SM and cluster ID number.

One of the following errors may have occurred:

- the host number and cluster ID values were inconsistent
- the host number was corrupted
- an RSM appeared to be a regular SM
- the host number was for an unequipped SM
- the host number was out of range

The AUPHDATA audit will be scheduled to clean up the PCphdata[] table.

352. PCPHDB_BAD_EVENT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A path data block (PHDB) received an invalid event for its current state. The PHDB represents a connection through the switch. A setup or teardown operation was performed out of sequence. The dump includes the PHDB, channel control block (CCB), and process control block link area (PCBLA) for this connection.

353. PCPHTSFRAG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A path could not be established on a PSU channel group, even though enough free channels do exist on the channel group to accomodate the path.

Probable Cause:

The available channels on the PSU channel group have become fragmented, resulting in there being no available block of contiguous channels large enough to accomodate the path.

Action:

Remove all of the members assigned to the channel group from service. Then restore all of the members back into service. This will result in de-fragmentation of the available channels.

354. PCPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data problem was found in the RLPORTLA relation.

355. PCPQCLRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet trunk input buffer (PTIB) origination queue was cleared.

356. PCPRIDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

Error occurred while accessing RLDALB tuple linked off rIPRISTAT tuple. Appropriate recovery action has been taken.

357. PCPRISTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

Error occurred while accessing rIPRISTAT tuple. Appropriate recovery action has been taken.

358. PCPSBADDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PSBADDATA error code was returned from the PSmsadt() function or the PSmsudt() function indicating that a protocol handler (PH), terminal endpoint identifier (TEI), or channel was out of range or unequipped.

359. PCPSBADPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PSBADPARM error code was returned from the PSmsadt() function or the PSmsudt() function indicating that the length of the packet was greater than 498 bytes.

360. PCPSL2THRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLPSL2THRS relation for level 2 threshold limit information for a packet switching trunk group.

Data Structures:

RLPSL2THRS. Key field: grpnum (packet switching trunk group number).

Action:

Convert the port name printed on the receive only printer (ROP) to the trunk group name. Review RC/V View 5.1 (TRUNK GROUP) to verify that the trunk group information is correctly populated.

361. PCPSL3TRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLPSL3TRKG relation to access level 3 information for an X.75/X.75' packet switching trunk group.

Data Structures:

RLPSL3TRKG. Key field: grpnum (packet switching trunk group number).

Action:

Convert the port name printed on the receive only printer (ROP) to the trunk group name. Review RC/V View 5.1 (TRUNK GROUP) to verify that the trunk group information is correctly populated for the port in question.

362. PCPSRT_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read a tuple for the packet interswitch trunk (IST) port in the packet switching port to group relation RLPSRT_GP.

Data Structures:

RLPSRT_GP. Key fields: module [SM of digital subscriber line (DSL)], ph_number [protocol handler (PH) number], ph_cn (PH channel number).

Action:

Convert the port name printed on the receive only printer (ROP) to the key for RC/V View 5.5 (TRUNK MEMBER). Verify the accuracy of the trunk member information for the port in question.

363. PCPSTRK_L2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLPSTRK_L2 relation for level 2 information for a packet switching trunk port.

Data Structures:

RLPSTRK_L2. Key field: port (packet switching trunk port).

Action:

Using the port name printed on the receive only printer (ROP), review RC/V View 5.5 (TRUNK MEMBER) to verify that the trunk port information is correctly populated.

364. PCPSTRUNKS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLPSTRUNKS relation for level 2 information for a packet switching trunk group.

Data Structures:

RLPSTRUNKS. Key field: grpnum (packet switching trunk group number).

Action:

Convert the port name printed on the receive only printer (ROP) to find the trunk group name. Review RC/V View 5.1 (TRUNK GROUP) to verify the accuracy of the trunk group information for the port in question.

365. PCPSUPIDB_CRFT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the RLPSIUPIDB relation. This may indicate errors in this relation for a new office, or errors in a new office dependent data (ODD) database.

Data Structures:

RLPSIUPIDB.

Action:

The message printed specifies the key used to retrieve an rLPSIUPIDB tuple and the attribute that is suspected to be incorrect. Use RC/V (or ODBE, if necessary) to properly set the attribute.

366. PCPSX25LN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLPSX25LN relation for a packet switching port. Tuples exist for the port in the RLDSLEQUIP and RLFC_PORTTYP relations with information indicating that the port has packet switching.

Data Structures:

RLPSX25LN. Key fields: ph_number [protocol handler (PH) number], ph_cn (PH channel number).

Action:

Convert the port name printed on the receive only printer (ROP) to the key for RC/V View 23.1 (DSL USERS). Verify that the packet switching information on screen 3 is populated correctly for the port in question.

367. PCPSX75TRK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read a tuple in the RLPSX75TRK relation for an X.75'/X.75 trunk to access level 3 data.

Data Structures:

RLPSX75TRK. Key fields: ph_number [protocol handler (PH) number], ph_cn (PH channel number).

Action:

Convert the port name printed on the receive only printer (ROP) to the trunk group number, and review RC/V View 5.5 (TRUNK MEMBER) to verify that the trunk port information is populated correctly.

368. PC_PTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to read an rRFC_PORTTYP tuple using a port name that was passed to the PCpt2chan() function. No tuple was found that matches the specified port.

Data Structures:

RLFC_PORTTYP. Key fields: portname.

Action:

Check RC/V View 5.5 (CKTDATA) to verify that a trunk exists for this port.

369. PCPTDBOWN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTDB	Audit Mode: elev

Problem:

An attempt was made to release a task data block (TDB). According to the PCptdbtbl[unit number][TDB number] array, the channel control block (CCB) that was passed to the PCprlstdb() function does not own this TDB.

Probable Cause:

Either the CCB never owned the TDB or the TDB was already released.

Action:

The PTDB audit will be scheduled.

370. PCPTMTPLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The port linkage area (PORTLA) representing the music port could not be linked to the far music terminal process (MTP). The network path setup to the SM containing the music source failed. The PORTLA structure was dumped, and the PORTLA audit was scheduled.

371. PCPTSBDUMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

A data problem was encountered in the dynamic relation RLPTSB. The tuple was dumped and the peripheral interface data bus (PIDB) time slot block (PTSB) audit was scheduled.

372. PCQCLRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital subscriber line (DSL) origination queue was cleared.

373. PCQCLRED (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The extended digital subscriber line (EDSL) origination queue was cleared.

374. PCQCLREP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The essential service protection (ESP) origination queue was cleared.

375. PCQPHPIPE (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in relation RLQPHPIPE. The 'qnetwork' field in RLQPHPIPE has invalid value.

Data Structures:
RLQPHPIPE.

Action:

Correct the office-dependent data (ODD). The value of 'qnetwork' field in RLQPHPIPE relation has to be in the domain DMQLNTWK.

376. PCQPHPIPE_ERR (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in relation RLQPHPIPE. The *qnetwork* field in RLQPHPIPE has invalid value.

Data Structures:
RLQPHPIPE.

Action:

Correct the ODD. The value of *qnetwork* field in RLQPHPIPE relation has to be in the domain DMQLNTWK.

377. PC_RBLIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maximum number of rIRTMGBUF tuples allowed per remote operations service element (ROSE) application protocol data unit (APDU) was exceeded.

378. PCRCGBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCGTMR	Audit Mode: elev

Problem:

Failure to access a tuple of the relation RLRCGTMR.

379. PCRCGXDP (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XDPCSTAT	Audit Mode: elev

Problem:

A linkage error between the relation RLRCGTMR (owner) and the relation RLXDPCSTAT (member) has been found.

Probable Cause:

Dynamic database corruption.

Action:

This database inconsistency is being automatically fixed by Audit action.

380. PCRDPORT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

A read of FC_PORTTYP resulted in a NO_MATCH using the key attribute retrieved from the PCBLA. The port name is dumped.

Probable Cause:

Unknown.

Action:

Contact next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

381. PCRDT2UNIT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLRDT2UNIT relation failed for the TR-303 remote digital terminal (RDT) circuit name printed on the receive-only printer (ROP).

Data Structures:

RLRDT2UNIT - Key field: rname (circuit name of the TR-303 RDT).

Action:

Insert the rLRDT2UNIT tuple for this RDT.

382. PCRG2CCBCOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is used when there is a problem detected with the linkages between RLCCBCOM and RLRGBUS.

383. PCRI_DGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLRI_DGRP relation failed for the remote integrated services line unit (RISLU) D-channel port name printed on the receive only printer (ROP).

Data Structures:

RLRI_DGRP. Key field: dport (RISLU D-channel port name).

Action:

Insert the rIRI_DGRP tuple for this port. The pgybkgrp attribute is found in the appropriate rIDGRP_RI tuple.

384. PCRLSNGDEACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Request to release circuit IS invalid. The circuit is being deactivated.

385. PCRSTCLU (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: CLURDB	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLRSTMR and a member tuple in RLCLU_RDB.

Probable Cause:

Dynamic database corruption.

Action:

Error is going to be automatically fixed by Audit.

386. PCRSTXLIST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between an owner tuple in RLRSTMR and a member tuple in RLXLIST.

Probable Cause:

Dynamic database corruption.

Action:

Problem is being automatically fixed by Audit.

387. PCRT2DS1 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLRT2DS1 relation failed; the RLRT2DS1 relation contains information associated with a TR-303 (or TR-008) remote terminal (RT), including which DS1s serve the RT.

Data Structures:

RLRT2DS1. Key field: rname (RT circuit name).

Action:

Insert the rIRT2DS1 tuple for this RT.

388. PCRT2DS1 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLRT2DS1 relation failed for the integrated digital carrier unit (IDCU) remote terminal (RT) circuit name printed on the receive only printer (ROP).

Data Structures:

RLRT2DS1. Key field: rname (RT circuit name).

Action:

Insert the rLRT2DS1 tuple for this RT.

389. PCRTEILA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage corruption was detected in the RLRTEILA relation.

390. PCRT_LAPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLRT_LAPD tuple failed.

Data Structures:

RLRT_LAPD. Key field: rname (circuit name of a TR303 remote terminal).

Action:

Verify that the key printed on the receive only printer (ROP) is a valid circuit name for an equipped TR303 remote terminal (RT); reviewing the RLCKTDATA relation is one way to check.

If the key is valid, determine if the tuple exists in the RLRT_LAPD relation. If the tuple does not exist, create it by entering the recent changeable link access protocol D (LAPD) parameters for that RT.

391. PCRTL B (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage corruption was detected in the RLRTL B relation.

392. PCRTMISC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLRT_MISC tuple failed.

Data Structures:

RLRT_MISC. Key field: rname [remote terminal (RT) circuit name].

Action:

Insert the rLRT_MISC tuple for this RT.

393. PCRTMSGBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkage corruption was detected in the RLRTMSGBUF relation.

394. PCS3PFail (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A function called by the PH3port terminal process returned a failure indicating a data problem.

395. PCS96EQP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rls96EQUIP tuple failed.

Data Structures:

RLS96EQUIP. Key field: s96rtname [remote terminal (RT) circuit name].

Action:

Insert the rls96EQUIP tuple for this RT.

396. PCS96SHELF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the dynamic relation RLS96SHELF, the DBfrdtup() function returned a failure code to the PCck_ddl() function in the SM. This failure includes all database (DB) failure returns which implies an internal DB error.

397. PCSCADCON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the customer premises equipment (CPE) must be routed to the selected call appearance terminal process, but the sca_dalb field in the RLTEDB relation was corrupted. This field identifies the destination terminal process. The sca_dalb field was nulled to prevent repetitive routing failures.

398. PCSCCBRG (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: BRGDB	Audit Mode: elev

Problem:

Error in set-owner/set-member linkage between BRGDB to CCBCOM. For example, errors updating the list if BRGDBs linked to an owner CCBCOM.

Probable Cause:

Some database corruption has occurred.

Action:

A BRGDB audit is scheduled to try and correct the problem. There is no action the office technician can take to correct this problem. Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

399. PCSCCCH (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not follow the linkage from the channel control block (CCB) to the channel data block (CHDB).

400. PCSCCPH (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not follow the linkage from the channel control block (CCB) to the path data block (PHDB).

401. PCSDATAPROB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found.

402. PCSLCCSRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

A channel data block (CHDB) to channel control block common area (CCBCOM) linkage problem was encountered.

403. PCSMC7RCG_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STAT	Audit Mode: elev

Problem:

The counter for number of remotely congested CCITT7 DPCs went negative. An audit will be scheduled to correct it. The NM CCS congestion discrete may be incorrectly set.

404. PCSMTPCCPH (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

The channel control block (CCB) to path data block (PHDB) set member linkage of the near music terminal process (MTP) was corrupted. The near MTP will be purged.

405. PCSOSEND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the OSsendmsg() function.

406. PCSPCCC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

Could not follow the linkage from the process control block link area (PCBLA) to the channel control block (CCB).

407. PCSPCPH (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Could not follow the linkage from the process control block link area (PCBLA) to the path data block (PHDB).

408. PCSPHSNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the sink time slot data block (TSDB).

409. PCSPHSRC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the source time slot data block (TSDB).

410. PCSTOP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The current process is in an unstable state.

411. PCSUMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation rUNIT_CKT has failed. The probable cause is a missing tuple or invalid keys. The scanning of the PICB number associated with the rUNIT_CKT tuple has been inhibited.

Data Structures:

Tuple of rUNIT_CKT. Tuple of rCKTDATA key to rCKTDATA = circuit name.

Action:

The report prints the PICB number associated with the rCKTDATA and rUNIT_CKT tuple. Verify consistency between rCKTDATA and rUNIT_CKT for this circuit. After correcting, perform `aud:scnmsk,sm=<#>` to enable scanning of the PICB.

412. PCTBLNOMTCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There was no valid match between the metallic connection type and an entry in the line group bus table. The table must contain a corresponding metallic connection type in order to access a valid metallic configuration.

413. PCTDBOWN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TDB	Audit Mode: elev

Problem:

An attempt was made to release a task data block (TDB). According to the `PCtdbtbl[line unit number][TDB number]` array, the channel control block (CCB) that was passed to the `PCrlstdb()` function does not own this TDB. Either the CCB never owned the TDB, or the TDB was already released. The TDB audit will be scheduled.

414. PCTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

A data problem was found in the RLTEDB relation.

415. PCTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

A data problem was found in the RLTEILA relation.

416. PCTSDBBITBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

A time slot state was corrupted. The SM bit map is used for rapid location of idle time slots. The time slot data block (TSDB) provides a fully detailed state of time slots.

The SM bit map may have indicated that the specified time slot was busy, and the TSDB indicated that it was idle. Alternatively, the bit map may have indicated that the time slot was idle and available for allocation from the idle list, and the TSDB indicated that it was not on the idle list. Usually, the TSDB, path data block (PHDB), and process control block link area (PCBLA) are dumped. The TSDB audit resynchronizes the TSDB and SM bitmap.

417. PCTSIPOB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A discrepancy exists between the hardware and software versions of the time slot interchange (TSI) type in an SM. The hardware value is determined by physically accessing the TSI during the ROM portion of the initialization, and is kept in the SMtsiopt global variable. The software value is calculated from a PCTSI tuple in the RLCKTDATA relation, and is kept in the Glttsiopt global variable. Bits 6 and 12 of each global variable must match (both bits are 0 for TSIU3, or both are 1 for non-TSIU3). The values of these two variables are dumped.

Data Structures:

RLCKTDATA.

Action:

Check the cli value of the PCTSI tuple in the RLCKTDATA relation against the type of TSI actually installed in the SM. If they do not indicate the same TSI type, change the cli value in the RLCKTDATA tuple to match the type of TSI installed.

418. PCUNEXACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected activation reply from the local digital service function (LDSF) has been received.

419. PCUNEXDACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected de-activation reply has been received from the LDSF.

420. PCUNEXP_DATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The code executing processed data that was unexpected. Data is dumped.

Probable Cause:

Unknown.

Action:

None.

421. PCUNIT2RDT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLUNIT2RDT relation failed for the TR-303 remote digital terminal (RDT) unit name printed on the receive-only printer (ROP).

Data Structures:

RLUNIT2RDT - Key field: rdt_unit (unit number of the TR-303 RDT).

Action:

Insert the rLUNIT2RDT tuple for this RDT.

422. PCUNIT_CKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the relation rLUNIT_CKT has failed. The most probable cause is an inconsistency between this relation and rCKTDATA. The inconsistency may be in a parent - child data relation.

Data Structures:

Tuple of rLUNIT_CKT and rCKTDATA. Key to rCKTDATA = circuit name.

Action:

The report prints the name of a circuit from rCKTDATA and also the relationship (parent-child, etc) to the circuit for which a tuple was not found in rLUNIT_CKT. Verify consistency between rCKTDATA and rLUNIT_CKT for this circuit. Correct the data as necessary between the two relations.

423. PCUNITDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup failed when trying to read rLUNITDATA.

424. PCUNITMH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read of a rIMH_UNIT tuple failed.

Probable Cause:

Database problem.

Action:

None.

425. PCUNKTSKTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral control (PC) multiple task return processing was requested, however the task type is unknown to PC.

Probable Cause:

Client did not coordinate the new task with PC multiple task return processing functionality.

Action:

Nothing can be done by the office technician to correct this problem. All the necessary data will be sent to the ROP. Please contact 5ESS® switch field support for help.

426. PCUPHSNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDB	Audit Mode: elev

Problem:

Could not follow the linkage from the path data block (PHDB) to the sink time slot data block (TSDB). The channel control block (CCB) and the PHDB data structures were dumped.

427. PCUSRCPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

An unexpected source (one-to-one) linkage was found between the time slot data block (TSDB) and a path data block (PHDB). Normally, the TSDB, the PHDB that is linked to the TSDB, and the process control block link area (PCBLA) that is linked to the PHDB are dumped. If any of these are not available, then other dumps are substituted.

428. PCUTCCCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCBCOM	Audit Mode: elev

Problem:

A linkage problem was found when trying to trace from the channel control block common area (CCBCOM) to the channel data block (CHDB). The rCCBCOM tuple was dumped.

429. PCUTPCPO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The peripheral control (PC) path trace (part of the utility call trace) found a data or linkage problem while trying to trace from the specified process control block link area (PCBLA) to the port linkage area (PORTLA).

430. PCUXPCPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The calling party identification (CPID) read from the integrated services line unit (ISLU) card did not match the expected card type from the database.

Data Structures:

RLCKTDATA.

Action:

Check the ISLU card under test and verify the card type against the data found in the RLCKTDATA relation. Either the card must be replaced or the database must be updated via RC/V.

431. PCVPANGCCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A voice path assurance (VPA) reply from the LDSF for an invalid channel control block (CCB).

432. PCVPANGT_C (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A voice path assurance (VPA) reply from the channel control block (CCB) is not own or TRANSIENT.

433. PCVPIDB_F (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database read is not successful.

Probable Cause:

Database problems.

Action:

None.

434. PCXDPCXLIST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: XLIST	Audit Mode: elev

Problem:

Linkage error between RLXLIST and RLXDPCSTAT.

Probable Cause:

Dynamic database corruption.

Action:

Problem is being fixed by Audit.

435. PCXRDTCPDAT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: RDTCPDAT	Audit Mode: elev

Problem:

Contents of RLRDTCPDAT relation found to be corrupted.

Probable Cause:

Program error.

Action:

If problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

436. XPCOSWGT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return from OSWGETTYPE.

Probable Cause:

Unknown.

Action:

Contact next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

8. ASSERT DESCRIPTIONS FOR RANGES PCMF - UT

INTRODUCTION

The Assert Descriptions section contains, for each assert, a description of the problem that caused the assert to fail.

A manual action assert description consists of a Problem section which describes the problem, a Data Structures section which identifies the relations that were involved, and an Action section which describes how to fix the problem. Since a manual action assert usually reports office dependent data (ODD) related problems, it can be fixed manually at the office.

A defensive check failure (DCF) assert, however, typically reports software errors that cannot be fixed at the office and may necessitate contacting your next level of support, particularly if it fires often. A DCF assert description contains a description of the problem; but it does not contain a Data Structures or Action section.

The asserts are divided into ranges. The assert ranges are organized alphabetically in this section; then the asserts within each range are listed alphabetically by mnemonic and are presented in the following manner:

MNEMONIC: (software release)

```

(a)                (b)
Recovery Action: (c)      SPP: (d)      Audit: (e)      Audit Mode: (f)
Problem:
(g)
```

where:

(a)	Lists the mnemonic that identifies the assert.
(b)	Lists the software release(s) that this assert is found in.
(c)	Describes the recovery action that is triggered by the assert. Possible values are si The system invoked a selective initialization. spp The system initiated a single process purge. rpi The system returned control to the program at the point of interrupt; escalation possibly occurred. If a dash precedes ``rpi," no escalation occurred.
(d)	Indicates whether the assert initiated a single process purge (SPP) of a nonrunning process. Values are "y" for yes and "n" for no.
(e)	Lists the audit scheduled to run (if any) as a result of the assert failure. Currently, each assert may invoke only one audit. If no audit is scheduled, the value is "null."
(f)	Describes the mode the scheduled audit will run in. Possible values are elev The audit will run in the elevated segmented mode. nonseg The audit will run in the nonsegmented mode. null No audit is scheduled.
(g)	Contains an explanation of the problem that caused the assert to fail. Descriptions of manual action asserts contain additional information describing the data structures that are affected and the action(s) needed to solve the problem.

The technical content of this section is constantly updated. Addendums to this section of the manual have a high priority and are distributed promptly.

Range: pcmf**1. CMFBADMSG (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid message type detected by foundation peripheral controller (FPC) code.

2. CMFFPCCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) received 256 bad connect orders in 30 seconds, which has generated a critical FPC failure.

3. CMFINVDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data in "whosent field" received in foundation peripheral controller (FPC) function CDnassert().

4. CMFINVRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid return value detected by the foundation peripheral controller (FPC) during FPC soft switch while disabling interrupts on the office network timing complex (ONTC).

5. CMFLDPTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Load pointer or unload pointer for base priority queue is out of range. This is a critical error.

6. CMFLOAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt load pointer found.

7. CMFNONCRIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general non-critical assert.

8. CMFSSOPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid foundation peripheral controller (FPC) soft switch opcode detected by FPC code. This is a critical error.

9. CMFTMS1CNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid time multiplexed switch (TMS) connect variable used by the foundation peripheral controller (FPC) for the 16-byte message. This is a critical error.

10. CMFTMS1OPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid time multiplexed switch (TMS) opcode detected within the 16-byte message by foundation peripheral controller (FPC) code. This is a critical error.

11. CMFTMS2CNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid time multiplexed switch (TMS) connect variable used by the foundation peripheral controller (FPC) for the 32-byte message. This is a critical error.

12. CMFTMS2OPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid time multiplexed switch (TMS) opcode detected within the 32-byte message by foundation peripheral controller (FPC) code. This is a critical error.

13. CMFTPBTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error in the top or bottom pointers in the dual access memory (DAM).

14. CMFUNITS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt expected number of units. This is a critical error.

15. CMFUNLOAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt unload pointer found.

Range: pcmm**1. CMAUACKS (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACKCMPN bit on the BX.25 level 2 protocol controller (XPC) did not reset in the allocated time. This is a critical error.

2. CMAUBQFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The base priority output queue is full.

3. CMAUBUFT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupt buffer type was encountered. This is a critical error.

4. CMAUCLFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid function return value was received from the communication link fault recovery (CLFR). This is a critical error.

5. CMAUDCLF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A defensive check failure was encountered for the message length. This is a critical error.

6. CMAUFREE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Corrupt freespace handling information was encountered. This is a critical error.

7. CMAUINFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid "i" frame was received in the CMrcvmsg() function. This is a critical error.

8. CMAUIQPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid base priority input queue pointers were encountered. This is a critical error.

9. CMAULINK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupt link number was encountered. This is a critical error.

10. CMAULQFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The link queue is full.

11. CMAUMSPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The msgq pointer in the linkstats structure is out of range. This is a critical error.

12. CMAUNOAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The BX.25 level 2 protocol controller's (XPC's) TLOOK address is zero. This is a critical error.

13. CMAUNXST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupt transmit state variable was encountered. This is a critical error.

14. CMAUOPPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid base priority output queue pointers were encountered. This is a critical error.

15. CMAUORCV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not receive a message.

16. CMAUPHSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The BX.25 phase is corrupted. This is a critical error.

17. CMAUPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupt pointer update type was encountered. This is a critical error.

18. CMAURAMMUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Dynamic random access memory (RAM) was corrupted. This is a critical error.

19. CMAURLLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLOOK entry conflicts with the linkstats structure's load pointer. This is a critical error.

20. CMAURLPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLOOK pointer in the linkstats structure is out of range. This is a critical error.

21. CMAURLVR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLOOK's v(r) (protocol sequence number) conflicts with the linkstats structure's load pointer. This is a critical error.

22. CMAURMTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state for the rcv interrupt was encountered.

23. CMAUSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The BX.25 state is corrupted. This is a critical error.

24. CMAUSUPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupt supervisory command type was encountered. This is a critical error.

25. CMAUTIMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupt timer type was encountered. This is a critical error.

26. CMAUTLBC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TLOOK control bits are in conflict with a pointer in the linkstats structure. This is a critical error.

27. CMAUTLLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TLOOK entry conflicts with the linkstats structure's load pointer. This is a critical error.

28. CMAUTLPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TLOOK pointer in the linkstats structure is out of range. This is a critical error.

29. CMAUXMTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state for the xmt interrupt was encountered.

Range: pcs**1. PCSAMUNXINP (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected input received by the AM/VLR state machine.

Probable Cause:

Receipt of a known message in a state that was considered in valid.

Action:

Contact AM/VLR developers in the switch and an investigation needs to be undertaken. A course of action must be determined for this input in the state machine of AM/VLR.

2. PCSATHCSD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAathcsd() dynamic access (DA) primitive failed to return an rIHDS tuple to the head of the idle list. The rIHDS tuple key is printed on the ROP.

3. PCSATHCSD (5E11 only)

Recovery Action: rpi	SPP: n	Audit: HDS	Audit Mode: elev

Problem:

The DAathcsd() dynamic access (DA) primitive failed to return an rIHDS tuple to the head of the idle list. The rIHDS tuple key is printed on the ROP.

4. PCSATHCUD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAathcud() dynamic access (DA) primitive failed to return an rISUDB tuple to the tail of the idle list. The rISUDB tuple key is printed on the ROP.

5. PCSATHCUD (5E11 only)

Recovery Action: rpi	SPP: n	Audit: SUDB	Audit Mode: elev

Problem:

The DAathcud() dynamic access (DA) primitive failed to return an rISUDB tuple to the tail of the idle list. The rISUDB tuple key is printed on the ROP.

6. PCSAUNXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Access manager received an unexpected operating system for distributed switching (OSDS) message.

Probable Cause:

Some process sent a OSDS message which is not recognized by access manager.

Action:

Contact access manager developers to solve this problem.

7. PCSBADARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A personal communications service (PCS) function was called with an invalid argument.

8. PCSBADHSKEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAghhcsd() fails to retrieve a pointer to a rIHDS tuple from a DB head cell. The head cell key might be corrupted. The key will be dumped on the ROP with the assert.

9. PCSBADSUDB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem has occurred when unlinking a SUDB tuple from the idle list or when trying to add SUDB to the busy list.

Probable Cause:

It is possible that there is no owner for SUDB tuple or the link between SUDB and VLR is bad.

10. PCSBADSUDB (5E11 only)

Recovery Action: rpi	SPP: n	Audit: SUDB	Audit Mode: elev

Problem:

A problem has occurred when unlinking a SUDB tuple from the idle list or when trying to add SUDB to the busy list.

Probable Cause:

It is possible that there is no owner for SUDB tuple or the link between SUDB and VLR is bad.

Action:

SUDB, VLR audits are being run in an elevated mode to fix the linkage errors.

11. PCSBADVLR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The VLR tuple is missing or the key used to read this relation was set improperly.

Probable Cause:

Tuple is missing.

12. PCSBADVLR (5E11 only)

Recovery Action: rpi	SPP: n	Audit: VLR	Audit Mode: elev

Problem:

The VLR tuple is missing or the key used to read this relation was set improperly.

Probable Cause:
Tuple is missing.

Action:

The tuple needs to be inserted. There is data inconsistency. Audits must solve this problem or a new tuple needs to be inserted.

13. PCSDNIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLDN_IDX or the key used to read this relation was set improperly.

Data Structures:

Relation: RLDN_IDX Key field DN.

Action:

The DN is missing from this relation. Use RC/V (or ODBE, if necessary) to insert this record that is missing. Other data inconsistencies may exist. Contact your next level of support

14. PCSFINHDD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to insert a rHDD tuple immediately after deleting it failed. The tuple and the return value from DBfintup() are printed on the ROP.

15. PCSFINHDD (5E11 only)

Recovery Action: rpi	SPP: n	Audit: HLR	Audit Mode: elev

Problem:

The attempt to insert a rHDD tuple immediately after deleting it failed. The tuple and the return value from DBfintup() are printed on the ROP.

Action:

AUDIT is scheduled to run in an elevated mode to fix the data inconsistency.

16. PCSINSDYN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfintup() function failed to insert a tuple in a dynamic relation. The stack dumped has the relation ID for which the insert failed.

17. PCSLSDHD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DAIsdhd() function fails to link a rIHDS tuple to a rIHDD tuple.

Probable Cause:

There might be bad linkage in the HDS or the HDD tuples.

18. PCSLSDHD (5E11 only)

Recovery Action: rpi	SPP: n	Audit: HDS	Audit Mode: elev

Problem:

The DAIsdhd() function fails to link a rIHDS tuple to a rIHDD tuple.

Probable Cause:

There might be bad linkage in the HDS or the HDD tuples.

Action:

AUHDS audit is scheduled to run in elevated mode to fix the linkage.

19. PCSNOCCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read a tuple from rINOCCODE. Either the tuple is missing or the key field used for the relation read is set wrong.

Data Structures:

Relation: RLNOCCODE. Key: NXX. The key is printed with the assert message on the ROP.

Action:

1. Use ODBE to check AM or other SM processor to determine if the tuple is missing.
2. Insert the tuple if indeed missing.
3. Contact the next level of support if the key field is possible set improperly.

20. PCSPCS_HLR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read rIPCS_HLR tuple. Either the tuple is missing or the key field used for reading the relation is set improperly.

Data Structures:

Relation: RLPCS_HLR. Key: PCS_IDX. The PCS_IDX is printed with the assert.

Action:

- (1) Verify if the tuple is missing from the ODBE.
- (2) If the tuple is missing, insert the tuple if the subscriber data is known.
- (3) Contact the next level of support if possible data inconsistency existed. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

21. PCSPORT2VSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLPORT2VSM or the key used to read this relation was set improperly.

Data Structures:

Relation: RLPORT2VSM. Key field: PORT.

Action:

Insert this missing tuple either using RC/V (or ODBE, if necessary). Contact your next level of support as other data inconsistencies may exist. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

22. PCSREGDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLREGDATA or the key used to read this relation was set improperly.

Data Structures:

Relation: RLREGDATA. Key Fields WSPID and REGAREA

WSPID and REGAREA keys will be printed on ROP.

Action:

- (1) Use ODBE to cross-check the data in the indicated SM and AM.
- (2) Using WSPID and REGAREA as keys provided in the ROP output read relation RLREGDATA.
- (3) If a tuple does not exist further inconsistencies may exist contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

23. PCSRGLPRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was returned from an attempted read of a global parameter from within a transaction.

Action:

No audit is available to correct the error.

24. PCSRPCU2NDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLRPCU2NDN or the key used to read this relation was set improperly.

Data Structures:

Relation: RLRPCU2NDN. Key field: RPCU ID.

Action:

Use RC/V (or ODBE, if necessary) to insert this missing tuple. Contact your next level of support as other data inconsistencies may exist. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

25. PCSRSHCSD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DARshcsd() function fails to remove a HDS tuple from a DB headcell. The key of the HDS tuple is printed on the ROP.

26. PCSRSHCSD (5E11 only)

Recovery Action: rpi	SPP: n	Audit: HDS	Audit Mode: elev

Problem:

The DARshcsd() function fails to remove a HDS tuple from a DB head cell. The key of the HDS tuple is printed on the ROP. An audit is scheduled to run in elevated mode to fix the possible bad linkage.

27. PCSSUBDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read rISUBDATA tuple. Either the tuple is missing or the key for the tuple is set improperly.

Data Structures:

Relation: rISUBDATA. Key field: PCS_IDX. The PCS_IDX is printed with the assert.

Action:

1. Use ODBE to verify if the tuple is missing.
2. Insert the tuple if the subscriber data is known. Otherwise, contact your next level of support.

28. PCSTEN2REG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLTEN2REG or the key used to read this relation was set improperly.

Data Structures:

Relation: RLTEN2REG. Key field: TNTGRPID.

The tenant groupid will be printed on the ROP.

Action:

The tuple does not exist in the relation RLTEN2REG. Either the key is wrong or the tuple is missing. Use ODBE to verify that the tuple is indeed missing.

Office-dependent data (ODD) inconsistencies may exist. Contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

29. PCSTIDGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLIDGRP or the key used to read this relation was set improperly.

Data Structures:

Relation: RLTIDGRP. Key field: tid.

Action:

Use RC/V (or ODBE, if necessary) to insert this missing tuple. Contact your next level of support as other data inconsistencies may exist. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

30. PCSTIDIDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either the tuple is missing from RLTID_IDX relation or the key used to read this relation was set improperly.

Data Structures:

Relation: RLTID_IDX Key Field TID.

Action:

Use RC/V (or ODBE, if necessary) to insert this missing tuple into the relation RLTID_IDX. Contact your next level of support as there may be other data inconsistencies.

31. PCSUGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while updating a global parameter.

32. PCSUNXRPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is an indication that the RPCU sent a message that is not known to AM/VLR. This may be a new message that AM/VLR needs to handle.

Probable Cause:

AM/VLR is not aware of this message sent by RPCU.

Action:

Contact RPCU and AM/VLR developers and resolve this issue. This is a code bug that needs to be fixed either in the RPCU or AM/VLR.

Range: pmppp**1. INPMPHBF (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While receiving pump frames, a frame was received with unusual characteristics.

2. INPMPHBM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an unknown acknowledgement type while trying to service a data pump request.

3. INPMPHBT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No soft switch in progress, a NULL protocol handler (PH) type should have been defined.

4. INPMPHCR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The data pump of a protocol handler (PH) for soft switch is complete, received go ahead to start processing but, the reason for creation is invalid.

5. INPMPHEF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While involved in a data pump, encountered a local area network (LAN) hardware error.

6. INPMPHER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While involved in a data pump, received invalid response from PS.

7. INPMPHIA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a request or setup message and tried to determine whether to use the active or standby packet bus as described in the message, but the field in the message was invalid.

8. INPMPHIF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While setting up the frame table, tried to identify the maximum frame size, but encountered an invalid size.

9. INPMPHIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an acknowledgement from the target protocol handler (PH); checked the pump progress marker and the PH type ID, but found one to be invalid.

10. INPMPHIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While serving a data pump request, received another request. Can not service the recent request.

11. INPMPHIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a timeout, but could not identify the timer tag.

12. INPMPHLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Local area network (LAN) structures not available for transmission or LAN transmit error.

13. INPMPHML (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PMPH system process was cycling normally when it received message of an invalid length.

14. INPMPHNA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While in the middle of an acknowledged pump, encountered a negative acknowledgement of pump frames from the target.

15. INPMPHNB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While involved in sending frames across the packet bus, encountered a local area network (LAN) resource deficiency.

16. INPMPHNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a request or setup message, but could not match my physical (protocol handler (PH) number with the PH number in the message.

17. INPMPHNR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The target protocol handler (PH) involved in an actual data pump, and could not allocate buffer descriptors for this series of frames.

18. INPMPHPI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Before setting up the pump frame table for data pump, tried to identify whether this protocol handler (PH) is the source or target.

19. INPMPHPT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Completed a successful data pump for soft switch but the PH type ID was invalid.

20. INPMPHPU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data pump of a soft switch is complete; the target protocol handler (PH) was pressed into service but, could not purge a system process.

21. INPMPHRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data preserving switch (soft switch) was in progress and the PMPH system process was bumped off the recovery stack before completion of the data pump.

22. INPMPHSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pumped a series of frames to the target protocol handler (PH) and received improper response, can not retransmit.

23. INPMPHSD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to send a message over the packet bus but, was not successful in two attempts.

24. INMPHSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data pump of a target protocol handler (PH) is complete; could not set an operating system for distributed switching (OSDS) timer to define the soak interval.

25. INMPHTB (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Allocated data pump table is too small for the size of data. Check the #define for SIDPTSIZE for correctness.

26. INMPHTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pumped a series of pump frames across the packet bus and timeout waiting for acknowledgement from the target protocol handler (PH).

27. INMPHTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an acknowledgement from a target protocol handler (PH), but could not match the PH number in the message with the PH number saved for this data pump.

Range: pr**1. PRAUNONE (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is the general packet routing (PR) assert that schedules no audits.

2. PRAUPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An error was encountered with the RLPCBLA dynamic relation.

3. PRAURTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

Inconsistency was found between the static relation RLRT_MHG and the packet routing (PR) dynamic multiline hunt group data. The audit AURTMHG will clear the problem.

4. PRAURTMPG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLRT_MPG relation.

Data Structures:

RLRT_MPG. Key field: grpnum.

Action:

Use RC/V (or ODBE, if necessary) to check that the indicated tuple is contained in the RLRT_MPG relation. If the tuple is missing, use ODBE to add the tuple. Also check the RLRT_MHG relation. If the tuple is in the RLRT_MHG relation, then it should be in the RLRT_MPG relation.

5. PRAURTTRKG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTTRKG	Audit Mode: elev

Problem:

Inconsistency was found between the static trunk group data in the RLRT_TRKG relation and the packet routing (PR) dynamic trunk group data. The AUFC_RTTRKG audit will correct the problem.

6. PRAUTKOWNER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKOWNER	Audit Mode: elev

Problem:

An error was encountered with the RLTKOWNER dynamic relation.

7. PRAUTKQUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKQUE	Audit Mode: elev

Problem:

An error was encountered with the RLTKQUE dynamic relation.

8. PRBAD_DATBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to route a permanent virtual circuit (PVC) call, the routing found that the digit analysis table is corrupted. The first five digits will be printed on the ROP.

Data Structures:

RLDA_CONFLCT, RLDAPRLDGT, RLDAPRLFNL, RLDAPRMDGT, RLDAPRMFNL.

Action:

Use RC/V (or ODBE, if necessary) to examine the relations listed in the Data Structures section and make corrections.

9. PRCSTCUG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPSCSTCUG tuple was not found during routing of a virtual call after routing determined that the originating or terminating line subscribes to the closed user group (CUG)/origination address (OA) or CUG/intercom address (IA) option. There is an inconsistency between the RLPSX25LN and RLPSCSTCUG relations.

Data Structures:

RLPSCSTCUG, RLPSX25LN, RLDSLEQUIP, RLEQUIPDSL.

The protocol handler (PH) number, PH channel number, party, CUG index, CUG data network identification code (DNIC), and international CUG code will be printed on the ROP.

Action:

Use RC/V (or ODBE, if necessary) to examine the contents of the RLPSCSTCUG relation. If the CUG index, ph_number, ph_cn, and party values are valid and no rLPSCSTCUG tuple is found, insert the tuple. If the tuple is invalid, use RC/V (or ODBE, if necessary) to examine the RLPSX25LN, RLDSLEQUIP, and RLEQUIPDSL relations to find and correct the source of the invalid data.

10. PRCUGCST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPSCUGCST tuple was not found during routing of a virtual call after routing determined that the originating line used the closed user group (CUG) facility in the call setup, and the terminating line subscribes to the CUG.

There is an inconsistency between the RLPSX25LN relation and the RLPSCUGCST relation, or the CUG code (cug_code.dnic and cug_code.icn) in the originating line and terminating line. The cug_code.dnic and cug_code.icn of the originating line and the protocol handler (PH) number, PH channel, and party of the terminating line will be printed on the ROP.

Data Structures:

RLPSCUGCST, RLPSX25LN, RLDSLEQUIP, RLEQUIPDSL.

Action:

Use RC/V (or ODBE, if necessary) to examine the contents of the RLPSCUGCST relation. If the cug_code,

ph_number, ph_channel, and party values are valid and no rIPSCUGCST tuple is found, insert the tuple. If the rIPSCUGCST tuple is not valid, use RC/V (or ODBE, if necessary) to examine the RLPSX25LN, RLDSLEQUIP, and RLEQUIPDSL relations to find and correct the source of the invalid data.

11. PRDATABAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A routing program encountered an inconsistent or invalid value in a control table. Since the control table is constant data, either the (static) data is corrupted or the table was over-indexed. The contents of the table are dumped in a raw (hex) dump on the ROP. Program listings for the program identified by the failing address must be consulted to determine the specifics of this error.

12. PREQUIPDSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to read the RLEQUIPDSL relation for a given protocol handler (PH) and PH channel (ph_cn), the rIEQUIPDSL tuple was not found.

Data Structures:

RLEQUIPDSL. Key fields: PH, ph_cn.

Action:

Use RC/V (or ODBE, if necessary) to correct the PH and ph_cn for the digital subscriber line (DSL).

13. PRFACMISSING (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FACSTAT	Audit Mode: elev

Problem:

An exception has occurred in PRckfacstat() when attempting to obtain the rIFACSTAT tuple. See the stack frame accompanying this assert to determine the exact location of the failure.

Probable Cause:

This assert indicates the dynamic rIFACSTAT tuple is missing.

Action:

The dcf-data dump generated by this assert gives the content of the rIFACSTAT tuple affected. The AUFACSTAT audit is scheduled to clear the problem.

14. PRFCTRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While routing a packet switching call from a trunk, no trunk feature data was found in the RLFC_TRUNK relation for the trunk port in question.

All valid ports have an rIFC_PORTTYP tuple, valid trunk ports also have an rIFC_TRUNK tuple, and valid packet switching trunks also have an rIDSLEQUIP tuple that translates the trunk unit port name to the protocol handler (PH) and PH channel number that the trunk connects to.

Data Structures:

RLFC_TRUNK.

The internal port name for the trunk in question is printed on the ROP (in hex).

Action:

Determine if the port name dumped on the ROP is a valid trunk port name. If it is, use RC/V (or ODBE, if necessary) to determine if rIFC_PORTTYP, rIFC_TRUNK, and rIDSLEQUIP tuples exist that contain information that consistently describes the port printed on the ROP as a packet switch trunk.

15. PRGPVCFCL_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the setup of an X.75/X.75P permanent virtual circuit (PVC), an invalid remote facility type was found in the RLPSPVCINF relation for the X.75/X.75P trunk. The only valid facility type is PSX25.

Data Structures:

RLPSPVCINF.

Action:

The protocol handler (PH) number, PH channel number, party, and local logical channel number for the X.75/X.75P trunk are printed on the ROP. Use these values as keys to read the RLPSPVCINF relation via ODBE and verify the accuracy of the remote facility type. Set the fcftype field to PSX25. The RC/V views for the trunk side are View 5.5 (TRUNK MEMBER) and View 5.13 (TRUNK PACKET SWITCHING PVC LCN ASSIGNMENT); but these views do not have a facility type field. Therefore, use ODBE only.

16. PRGROUP_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLGROUP_PORT relation.

Data Structures:

RLGROUP_PORT. Key fields: portgrp.grpnum, portgrp.grptype, member.

Action:

Use RC/V (or ODBE, if necessary) to check that the indicated tuple is contained in the RLGROUP_PORT relation. If the tuple missing, use ODBE to add the tuple. Also check the corresponding relation RLPORT_GROUP.

17. PRIECP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to route an interlata packet switched data call to the line's default inter-exchange carrier, the system found an invalid stored carrier ID [data network identification code (DNIC)] for this line.

Per-line packet switching feature data for this line is in the RLPSX25LN relation; the iecp_dnic attribute contains the DNIC of the default inter-exchange carrier assigned to this line. No tuple for this DNIC was found in the RLPSDNICRI relation.

Data Structures:

RLPSX25LN, RLPSDNICRI.

The line is identified by the protocol handler (PH) and PH channel number printed (hex) on the ROP. The value of this DNIC is printed (hex) on the ROP.

Action:

Use RC/V to examine the RLPSX25LN relation for the line in question. Verify that the iecp_dnic attribute identifies an existing network that is qualified to act as an inter-exchange carrier network for the integrated services digital network (ISDN). If the iecp_dnic value is valid, examine the RLPSDNICRI relation with RC/V. A tuple should be present for the DNIC in question. If no tuple is found, insert it.

18. PRMDR_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMDR_GP tuple was not found after routing determined that packet message detail recording (PMDR) was active by reading the RLPSX25LN relation. There is an inconsistency between the RLMDR_GP and RLPSX25LN relations. The call will be successfully routed if no other problems are found, but no PMDR records can be generated for this user.

Data Structures:

RLMDR_GP. Key field: mdr_gpid.

RLPSX25LN. Key fields: ph_number, ph_cn, party.

Action:

The gpid, ph, cn, party, and telephone number (TN) fields are printed on the ROP. With ODBE, use the ph, cn, and party keys to read the rLPSX25LN tuple for this line. The pmdr_act field indicates the feature's activation. Check the pmdr_grp field; it is used as the mdr_gpid key to read the RLMDR_GP relation. If the pmdr_grp field is correct, an rIMDR_GP tuple must be created with this field as the key. If the pmdr_grp field is not correct, change it to match the proper group with a corresponding rIMDR_GP tuple.

With RC/V, use the TN value printed on the ROP as the key to RC/V View 23.2 (DIGITAL SUBSCRIBER LINE). Check that the pmdr_grp field is a valid group. If it is, a record must be constructed with RC/V View 24.33 (MESSAGE DETAIL RECORDING GROUP PARAMETERS). If it is not a valid group, change the pmdr_grp field to match the proper group with a corresponding entry in View 24.33.

19. PRMSGBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Routing code encountered an invalid value in some field in the message being processed. A raw (hex) dump of the entire message is printed on the ROP. The program listing associated with the failing address identified in the ROP message is required to determine the nature of this error.

20. PRNO_ISMPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During routing for a packet switched virtual call or setup of a permanent virtual circuit (PVC), the destination port was located on a different SM. No inter-SM packet switching path was equipped between this SM and the destination SM; therefore, the connection cannot be established.

Action:

Determine if the called directory number (DN) or destination packet switch number (PSN) should be served by a line or trunk on the terminating SM and if virtual calls or PVCs are to be supported between these two SMs. The called DN is all zeros when destination PSN routing is being performed. If the path should exist, use RC/V View 22.13

(INTER-SM NAIL-UP) to assign a nailed-up timeslot path between them. If the path should not exist, then the digit analysis and routing data should be modified to deny calls to the terminating SM.

21. PROFFICE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During packet switching address validation or conversion, an rIOFFICECODE tuple was not found for the given normalized office code (NOC) printed on the ROP.

Data Structures:

RIOFFICECODE. Key field: NOC.

Action:

Using RC/V View 23.1 (DSL USERS) or View 23.2 (DIGITAL SUBSCRIBER LINE), correct the NOC for the protocol handler (PH) and PH channel number printed on the ROP. If the NOC is already correct, use ODBE to add an rIOFFICECODE tuple that corresponds to the correct NOC.

22. PRPBGINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The rIPBG_INFO tuple for this packet business group (PBG) is missing, or the PBG number in the MGPRGEN message is corrupted.

Data Structures:

RLPBG_INFO. Key field: psbgrp (PBG number).

Action:

If the call is from an individual directory number (DN), check the orig_pbg field against the psbgrp field in the RLPSX25LN relation. If the fields do not match, then the MGPRGEN message was corrupted.

If the call is from a multi-line hunt group (MHG) DN, check the orig_pbg field against the psbgrp field in the RLRT_MHG relation. If the fields do not match, then the MGPRGEN message was corrupted. If the orig_pbg does match the appropriate psbgrp field, then the rIPBG_INFO tuple for the orig_pbg number is missing. Use RC/V (or ODBE, if necessary) to insert an rIPBG_INFO tuple for the orig_pbg.

23. PRPORT_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLPORT_GROUP relation.

Data Structures:

RLPORT_GROUP. Key fields: port ID (port.module and port.member).

Action:

Use RC/V (or ODBE, if necessary) to check that the indicated tuple is contained in the RLPORT_GROUP relation. If the tuple missing, use ODBE to add the tuple. To verify that the tuple should be added, check the corresponding relation RLGROUP_PORT.

24. PRPSBILLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No separate billing directory number (DN) could be found for the packet switched line, although the per-line data for this line indicated that it had a packet switch billing DN that is different than its own DN.

Per-line packet switching feature data for this line is in the RLPSX25LN relation; the billdn_flg attribute (with a value of DBYES) indicates a separate billing number should be stored in the RLPSBILLDN relation.

Data Structures:

RLPSX25LN, RLPSBILLDN.

The line is identified by the protocol handler (PH) and PH channel number printed on the ROP.

Action:

Use RC/V (or ODBE, if necessary) to examine the RLPSX25LN and RLPSBILLDN relations for this line. Determine if an inconsistency exists between the two relations regarding the assignment of a separate packet switch billing DN. If no separate billing number should exist, set the billdn_flg attribute in the RLPSX25LN relation to DBNO. Otherwise, enter the billing DN for this line in the RLPSBILLDN relation.

25. PRPSGP_PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLPSGP_PRT relation.

Data Structure:

RLPSGP_PRT.

Action:

Use RC/V (or ODBE, if necessary) to check that the indicated tuple is contained in the RLPSGP_PRT relation. If the tuple is missing, use ODBE to add the tuple. Also check the corresponding relation RLPSRT_GP.

26. PRPSIPTST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Packet routing failed to identify the module where a busy internal protocol (IP) trunk group is physically located. The module identity is needed to determine if the call should be cleared or reconnected.

The busy IP trunk group is identified by the next packet switch number (PSN) printed on the ROP. The RLPSIPTST relation is missing a tuple for this next PSN.

Data Structures:

RLPSIPTST.

Action:

Use RC/V (or ODBE, if necessary) to resolve the data inconsistency. The next PSN printed on the ROP was obtained from the RLPSRI_PSN relation. The missing rLPSIPTST tuple can be inserted by copying the rLPSIPTST tuple from any other packet switching SM.

If the rLPSIPTST tuple does not exist on other SMs, create the tuple using data from the following relations and office parameters: RLPSIPTST.npsn is the next PSN from the ROP, RLPSIPTST.module is RLRCTGRPRK.module, RLPSIPTST.npsn_index is the corresponding bit position in the Glnpsn_index global parameter that is not associated with other next PSNs, and RLPSIPTST.size is RLPSTRUNKS.size.

27. PRPSL3TRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIPSL3TRKG tuple was not found during routing of an X.75 trunk call. The RLPSL3TRKG relation provides packet switching trunk group level 3 protocol parameters used by operational software. Trunk group intra-LATA competition (ILC) screening information is obtained from this relation for Bellcore technical references (TR) compliant X.75 trunk calls. This ILC screening is applied to X.75 trunk groups only and is clearly different from global office ILC screening which is set in the global office parameter Gliic.

Data Structures:

RLPSL3TRKG. Key field: X.75 trunk group number.

Action:

Use ODBE to verify the contents of the RLPSL3TRKG relation. If the tuple for this trunk group is invalid or missing, correct the data using ODBE.

28. PRPSLINKPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to route an X.75' outgoing permanent virtual circuit (PVC), the rIPSLINKPT tuple was not found. The link ID and PVC logical channel number will be printed on the ROP.

Data Structures:

RLPSLINKPT, RLPSTRK_L2.

Action:

Use RC/V (or ODBE, if necessary) to examine the RLPSLINKPT and RLPSTRK_L2 relations for this line. If the linkid field is not equal to 0, then there will be exactly one rIPSTRK_12 tuple such that RLpstrk_l2.linkid is RLpslinkpt.linkid. Insert the rIPSLINKPT tuple using the information in the rIPSTRK_L2 tuple.

29. PRPSMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to verify the calling address of a packet switching multi-line hunt group (MLHG) line, an rIPSMHGDNR tuple was not found. The group number, protocol handler (PH) number, and the PH channel number for the line are printed on the ROP.

Data Structures:

RLPSMHGDNR. Key field: group number.

Action:

Using RC/V View 23.1 (DSL USERS) or View 23.2 (DIGITAL SUBSCRIBER LINE), correct the group number for the packet switching MLHG.

30. PRPSPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to verify the calling address of a multi-line hunt group (MLHG) line, an rIPSPRT_GP tuple was not found.

Data Structures:

RLPSPRT_GP. Key fields: SM number, PH number, PH channel number.

Action:

Use RC/V View 23.1 (DSL USERS) or View 23.2 (DIGITAL SUBSCRIBER LINE) to correct the digital subscriber line (DSL) group and member number. If these fields are already correct, use ODBE to add an rLPSPRT_GP tuple that corresponds to the SM number, protocol handler (PH) number, and PH channel number printed on the ROP.

31. PRPSPSN_RI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to route an outgoing packet switched call, the destination packet switch number (PSN) being used was invalid. All destination PSNs that are valid for use by packet switched calls must have entries in the RLPSPSN_RI relation.

The destination PSN was obtained from one of the following:

- (1) the psn field in the RLPSRI_PSN relation,
- (2) the RLPSPVCINF relation [only for permanent virtual circuits (PVCs)], or
- (3) the incoming internal protocol (IP) packet (that is, the routable IP packet received over an incoming IP trunk).

No rLPSPSN_RI tuple was found for this destination PSN.

Data Structures:

RLPSPSN_RI.

The destination PSN in question is printed (in hex) on the ROP.

Action:

Use RC/V (or ODBE, if necessary) to find and correct the problem. If the destination PSN is valid, perform a batch review of the RLPSRI_PSN relation and find the tuple with the destination PSN in the psn field. Insert an rLPSPSN_RI tuple using the route index from the rLPSPSN_RI tuple. If no data exists for a valid destination PSN, then it should be added to the switch database according to the switch and network routing plan.

If the destination PSN is not valid, perform a batch review of the RLPSRI_PSN and RLPSPVCINF relations (rLPSPVCINF tuples exist only for PVCs); attempt to find the tuples with the invalid destination PSN. If tuples containing the invalid destination PSN are found, use RC/V (or ODBE, if necessary) to correct the invalid data. If an invalid destination PSN was received in the incoming IP packet, then no corrective action can be taken at the present switch.

32. PRPSRIPSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to route an outgoing packet switched data call, the system found that the route index being used was invalid.

All valid route indices for use by packet switched data calls must have entries in the RLPSRI_PSN relation. The route index is from one of the following places:

- (1) the RLPSDNICRI relation,
- (2) digit translators used for packet switching in the RLDAPRELDGT and RLDAPRIMDGT relations,
- (3) the screening relation RLRT_SCRNING,
- (4) the RLPSPSN_RI relation, or
- (5) the secondary route index field in the RLRT_ROUTING relation.

No tuple for this route index was found in the RLPSRI_PSN relation.

Data Structures:

RLPSRI_PSN.

The route index in question is printed (hex) on the ROP.

Action:

Use RC/V (or ODBE, if necessary) to examine the contents of the RLPSRI_PSN relation. If the route index is a valid packet switching route index and no rIPSRI_PSN tuple is found for the index, insert the tuple. If the route index is invalid for packet switching, use RC/V (or ODBE, if necessary) to examine the RLPSDNICRI, RLDAPRELDGT, RLDAPRIMDGT, RLRT_SCRNING, RLPSPSN_RI, and RLRT_ROUTING relations to find and correct the source of the invalid route index.

33. PRPVCFCL_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the setup of a permanent virtual circuit (PVC), the far end facility type (fcltype attribute in an rLPSPVCINF tuple) had a value of X25. This is inconsistent with the directory number (DN) of the far end of the PVC (rmt_dn attribute) that was analyzed by the digit interpreter to represent an inter-LATA destination. The X25 facility type is only appropriate with intra-LATA destinations. Inter-LATA destinations require a facility type of X75.

Data Structures:

RLPSPVCINF.

Action:

The protocol handler (PH) number (ph_number), PH channel number (ph_cn), and local logical channel number (local_lcn) are printed on the ROP. Use these values as keys to read the RLPSPVCINF relation using ODBE. Verify the accuracy of the remote DN (rmt_dn). Set the facility type to X25 if the destination is intra-LATA, or X75 if the destination is inter-LATA. The associated RC/V View is 23.1 (ISDN INDIVIDUAL DSL LCEN). The associated RC/V field is DSL PROF (facility type).

34. PRPVCINF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPSPVCINF tuple was not found during routing of a permanent virtual circuit (PVC) call after routing determined that a PVC was defined on the associated digital subscriber line (DSL) by reading the RLPSX25LN relation. There is an inconsistency between the RLPSPVCINF and RLPSX25LN relations.

Data Structures:

RLPSPVCINF, RLPSX25LN, RLPSMAPPVC.

Action:

The protocol handler (PH) number (ph_number), PH channel number (ph_cn), and local logical channel number (local_lcn) are printed on the ROP. Use these values as keys to read the RLPSX25LN, RLPSPVCINF, and RLPSMAPPVC relations using ODBE. In the RLPSX25LN relation, if the h_pvc_lcn attribute is 0, no PVCs should be assigned for this DSL.

If this PVC should exist, but no rLPSPVCINF and rLPSPMAPPVC tuples exist, populate one tuple for each relation. Most of the information needed to populate the rLPSPVCINF tuple can be found in a corresponding rLPSPX25LN tuple by using ODBE with the keys ph_number and ph_cn. The associated RC/V views are View 23.2 (DIGITAL SUBSCRIBER LINE), View 23.8 (DSL/BRCS ASSIGNMENT), and View 23.40 (X.25 (XAT) PACKET SWITCHING CHANNEL ASSIGNMENT), field HIGH PVC LCN.

35. PRPVCRDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digit analysis was provided with an invalid terminating directory number (DN) for an X.25 permanent virtual circuit (PVC), or the two ends of the PVC are mismatched.

Data Structures:

RLPSPVCINF.

Action:

The protocol handler (PH) number (ph_number), PH channel number (ph_cn), party (party), and local logical channel number (local_lcn) are printed on the ROP. If the call originated on this switch, the calling DN is also printed. Use this DN as the key to RC/V View 23.11 (DSL PACKET SWITCHING PVC LCN ASSIGNMENT) to verify or update the remote TN field.

If the call is an incoming gateway type, the trunk group and trunk group member are printed on the ROP. Use these values to determine the other switch; maintenance personnel at that switch must provide the correct terminating DN.

36. PRRDLGLNSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rLGLNSTAT tuple.

37. PRRDLNSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rLNSTAT tuple.

38. PRRT_MHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to read the RLRT_MHG relation, the rLRT_MHG tuple was not found for a given group number.

Data Structures:

RLRT_MHG. Key field: group number.

Action:

Use RC/V (or ODBE, if necessary) to correct the group number for the packet switching multi-line hunt group.

39. PRUXPSTATE (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A routing function was called in an unexpected state. The data block containing the unexpected state is dumped on the ROP.

Probable Cause:

Software problem or data corruption.

Action:

Provide contents of the ROP report to the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

Range: prpp

1. PRPPTEST (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a test assert for PR PH3 asserts.

Range: ps**1. PSAPAMBC (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSapambc() function could not send a copy of the flow control bit maps to the CMP due to an invalid message.

2. PSAPAMFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSapamfc() function could not process a request to update the flow control bit maps and broadcast them to the SMs.

3. PSAPAUBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The self-audit function PSapaubuf() detected an error in either the message counts or the link status table. The error was corrected and no audit was necessary.

4. PSAPBADTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-existent application processor (AP) flow control timer expired. This is not expected to occur.

5. PSAPBCAST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to broadcast the application processor (AP) flow control bit maps to all SMs failed due to an incorrect call to the OSbcast() primitive.

6. PSAPBFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor (AP) communications package received a message for an invalid AP feature.

7. PSAPBMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor (AP) system process received an invalid operating system for distributed processing (OSDS) message type.

8. PSAPBODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The apindx field is out of range in the RLAPSITE relation. The relation is corrupted.

Data Structures:

RLAPSITE.

Action:

Compare the contents of the RLAPSITE relation with the RLCMAPDATA relation. The apindx is outside of the valid range of 4 through 99 for the SM application processor (AP). List the contents of the relation, and remove tuples which contain invalid data.

9. PSAPBUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APBUF	Audit Mode: elev

Problem:

The RLAPBUF relation linkages were corrupted and require auditing.

10. PSAPCLOSE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APSPB	Audit Mode: elev

Problem:

The PSap13close() function could not restore the link associated data structures to their idle states. The APSPB audit is scheduled.

11. PSAPDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The application processor (AP) communication package found a broken linkage between the D-channel application linkage block (DALB) and the AP D-channel port block (APDPB) or D-channel port block (DPB). The DALB audit will be scheduled.

12. PSAPDDREF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor (AP) terminal process could not read the DDRTSMAB DDKEY.

13. PSAPDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

The pointer to the rIDPB tuple returned by the DAGETDPB() macro did not point to the rIDPB tuple. The dport key passed to the DAGETDPB() macro was invalid. This probably indicates that the lcen value sent by the application processor (AP) does not match the lcen defined in the RLDPB relation. The lcen parameter serves as a password in establishing the data link between the AP and the switch. If the lcen defined in the RLDPB relation does not match the lcen sent by the AP, the switch will not respond with an ESTABLISH CONFIRMATION message, which results in a failure to establish the data link.

Action:

Contact the AP administrator. Use RC/V View 24.1 (IOP AP COMMUNICATIONS DATA) or View 24.7 (DSL AP COMMUNICATIONS DATA) to check the lcen parameter on the AP side. If an invalid lcen of the digital subscriber line (DSL) is found, correct it based on the corresponding lcen value defined in the RLDPB relation. Contact your next level of support if the LCENs match and the AP data link is not up [this can be verified through master control center (MCC) page 1480].

14. PSAPEPKB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: EPKB	Audit Mode: elev

Problem:

An rLEPKB tuple could not be accessed. The EPKB audit is scheduled.

15. PSAPFCBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A flow control request timer expired on a non-application processor (AP) SM.

16. PSAPFCOMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APSITE	Audit Mode: elev

Problem:

The PSapfcmp() function found invalid data in the reqflow field of the PSaplst() function. The field is zeroed out, and the APSITE audit is called.

17. PSAPFCREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to change flow control on an application processor (AP) SM failed due to a problem with a call to the PSapfreq() function.

18. PSAPFCSPL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSapamfcspl() function could not send a copy of the flow control bit maps to the SM that requested the copy.

19. PSAPFORWD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to change flow control on the application processor (AP) SM failed because the PSapffwd() function failed.

20. PSAPFRCV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSapfrcv() function could not find a valid phase for an application processor (AP) attached to this SM. This is

probably caused by corrupt data in the PSaplst() function.

21. PSAPFSPL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request for a check of the flow control bit maps on an SM could not be honored due to a failure of the PSapfspl() function.

22. PSAPINAPSPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLAPSPB relation was not initially created during the call to the PSapindata() function. The probable cause is with the layout of dynamic memory in the load.

23. PSAPINBUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLAPBUF relation was not initially created in the PSapinbuf() function. The probable cause for this failure is with the layout of dynamic memory in the load.

24. PSAPINDBHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBHEADC	Audit Mode: elev

Problem:

An error in the database (DB) head cell was detected in the application processor communication package (APCP). The DB head cell will be audited.

25. PSAPINEPKB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLEPKB relation was not initially created during the call to the PSapindata() function. The probable cause is with the layout of dynamic memory in the load.

26. PSAPINRMB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLRMB relation was not initially created during the call to the PSapindata() function. The probable cause is with the layout of dynamic memory in the load.

27. PSAPINSITE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the initialization of the RLAPST relation in a call to the PSapindata() function, the RLAPSITE relation could not be accessed. The probable cause is with the layout of dynamic memory in the load.

28. PSAPLOGCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid logical channel was passed to the PSapi3close() function. The logical channel must be 1 in the 5E4 software release.

29. PS_APLST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APLST	Audit Mode: elev

Problem:

The application processor (AP) communications package determined that the AP link status table (global data) was contaminated, or the RLAPSITE static relation and the RLDSLXN static relation are inconsistent. The APLST audit will be scheduled.

30. PSAPNOTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor (AP) level 3 timer is not functioning, indicating an error in the cycling load. Once this error occurs, it will probably roll out.

31. PSAPPKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid X.25 packet was received by the mini-session layer.

32. PSAPREQFC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the PSapfreq() function returned failure, or an invalid fc state was passed to the PSapreqfc() function.

33. PSAP_RESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Excessive X.25 resets occurred on a digital subscriber line (DSL) link to an application processor (AP). The port associated with the link is listed in the receive only printer (ROP) assert message.

Action:

Remove the link from service, if needed.

34. PSAPRMB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RMB	Audit Mode: elev

Problem:

An rRMB tuple could not be accessed. The RMB audit is scheduled.

35. PSAPSITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: APSITE	Audit Mode: nonseg

Problem:

The application processor (AP) communications package determined that the AP link status table is missing tuples. The APSITE audit is called to correct these errors.

36. PSAPSLFAUD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor (AP) system process on the SM could not create the self-audit timer after several tries. The system process will be purged.

37. PSAPSPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APSPB	Audit Mode: elev

Problem:

Unable to access an rIAPSPB tuple. The APSPB audit is scheduled.

38. PSAPSPOSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The application processor (AP) system process received an invalid signal.

39. PSAPTMRBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The X.25 level 3 timer could not be started by the packet switch module process unloader process (PSMPUP).

40. PSAPTPDALB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The application processor (AP) terminal process could not access its D-channel application linkage block (DALB). The process is purged, and the DALB audit is scheduled.

41. PSAPTPDPB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An application processor (AP) terminal process could not access its D-channel port block (DPB). The process will be purged and the DPB audit will be scheduled.

42. PSAUAPDU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APDU	Audit Mode: elev

Problem:

Application protocol data unit (APDU) linkage corruption was detected. The APDU audit will be scheduled in elevated mode.

43. PSAUDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

D-channel port block (DPB) linkage corruption was detected. The DPB audit will be scheduled in elevated mode.

44. PSAURTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTEILA	Audit Mode: elev

Problem:

RTEILA linkage corruption was detected. The RTEILA audit will be scheduled in elevated mode.

45. PSBADAPHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APHEADC	Audit Mode: elev

Problem:

The RLAPBUF head cell (RLAP_HEADC) is corrupted.

Probable Cause:

Data corruption.

Action:

An audit will be scheduled to correct the problem.

46. PSBADAPTP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSrestart() primitive called from the application processor terminal processor (ATPT) failed. The process is purged.

47. PSBADDTRG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown parameter was passed to a PS DD trigger function.

Probable Cause:

Internal error.

Action:

Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

48. PSBADHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error in the database (DB) head cell was detected.

Probable Cause:

1. An invalid head cell index or
2. Data corruption or
3. System error

Action:

Verify the head cell index and layout of dynamic memory in the load.

49. PSBADIETYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid Q.931 information element type was detected. The problem may be in the message translation table.

50. PSBADL3PARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 received an invalid parameter.

51. PSBADLLM (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: LLMRDT	Audit Mode: elev

Problem:

The timeslot management channel (TMC)-Q.931 layer 3 protocol found corrupt or invalid data in the link map, the RLLLM_RDT relation. An audit will be scheduled to verify the link map.

52. PSBADLLM (5E11 only)

Recovery Action: rpi	SPP: n	Audit: LLMIDCU	Audit Mode: elev

Problem:

The timeslot management channel (TMC)-Q.931 layer 3 protocol found corrupt or invalid data in the link map, the RLLLM_IDCU relation. An audit will be scheduled to verify the link map.

53. PSBADMDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type of the PSMDMSG domain was received. The message going from the SM to the PH will be thrown away.

54. PSBADMSG (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by application processor communication package (APCP) process.

55. PSBAD_MSG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by application processor communication package (APCP) process.

56. PSBADOMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 processing could not forward a message to a process due to an invalid message length.

57. PSBADPKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 processing encountered a packet that it could not process (for example, too short, invalid type).

58. PSBADPTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid Q.931 pseudo message type was detected.

59. PSBADQPUPEVNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The event for awakening the common channel signaling (CCS) QPH background unloader system process PSqpup() is an invalid stimulus.

Probable Cause:

Some unknown process is sending an operating system for distributed switching (OSDS) signal (either on purpose or erroneously) to the CCS QPH background unloader system process that the system process does not recognize.

Action:

Contact local field support.

60. PSBADREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The entry reason for the application processor (AP) terminal process is in error.

61. PSBADRS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter for initializing the packet services (PS) system process was encountered.

62. PSBADSTIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 timer code was called with an invalid feature identifier (FID).

63. PSBADTRGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The user sending a packet from the protocol handler (PH) to the SM requested that an unknown function be called when the packet is unloaded.

64. PSBAD_VALUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A variable, internal to a function, was found to have an undefined, invalid, inconsistent or bad value. This is a general assert used to dump the value that was found to be bad.

65. PSBDNEW_LVL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The 'new_level' in PScI2_rt() is not within the bounds of 0 to 9.

66. PSCFBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The common channel signaling (CCS) QPH background unloader system process PSqpup() has unloaded an invalid message from the CCS message handler to switch module (MH->SM) fifo.

Probable Cause:

Some type of corruption has occurred on the CCS MH->SM fifo.

Action:

The invalid message type and the beginning of the message will be dumped to the ROP for further evaluation.

67. PSCMTBADPATH (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM and AM CMT path information is out of synchronization.

Probable Cause:

Internal data corruption.

Action:

Contact local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

68. PSCMTINVPST (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

AM CMT I/O status processing read an unexpected QPIPE (QLPS pipe) state from the AM PCD or was unable to read the SM version of the QPIPE state.

Probable Cause:

Software error or data corruption.

Action:

Inform local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

69. PSCMTIOTO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminal process CMTT was created but did not receive a message. The CMT message entered by office personnel was aborted.

Data Structures:

None.

Action:

Reenter command.

70. PSCMTIOUX (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected message received by the CMTT terminal process. The CMT input command just entered will be aborted.

Data Structures:

None.

Action:

Reenter input command.

71. PSCMTNOMSG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the CMT I/O status processing.

Probable Cause:

Internal data corruption.

Action:

Contact local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

72. PSCMTNRES (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized reason for creation was received by the CMTT terminal process. Used in CMT craft interface.

Probable Cause:

Internal data corruption.

Action:

Contact local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

73. PSCMTOSBAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM CMT I/O status processing could not send a message to request CMT accessibility status from the AM.

Probable Cause:

Internal data corruption.

Action:

Inform local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

74. PSCMTROSBAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

AM CMT I/O status processing received an invalid message.

Probable Cause:

Internal data corruption.

Action:

Inform local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

75. PSCMTT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not create the PSCMTT terminal process. The CMT input command was aborted.

Data Structures:

None.

Action:

Reenter the CMT input command.

76. PSCMTTSND (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

System process PSA (in SM) could not send an OSDS message to the CMTT terminal process. Possible failure of the CMT input command just entered.

Data Structures:

None.

Action:

Verify the results of the CMT command that was entered.

77. PSCOMMFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication with a process failed, probably due to an operating system (OS) failure.

78. PSDAFAILURE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the dynamic access (DA) primitives failed. This failure was probably due to corruption of the calling function's local data. The calling function took steps to recover from this error.

79. PSDATABAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote terminal (RT) link layer 3 protocol detected or passed corrupted data.

80. PSDDFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery read failed.

Probable Cause:

Internal error.

Action:

Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

81. PSDEFAULT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The default statement in a packet services (PS) switch statement was reached. The case is considered invalid by the function.

82. PS_DEFAULT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch statement defaulted when it shouldn't have done so.

83. PSDPB_DALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The operator services position system (OSPS) level 3 code could not find the packet layer entity due to a DBSYS_ERR return from the DAghdpda() function. An elevated audit of the D-channel application linkage block (DALB) was scheduled.

84. PSDPKB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PKB	Audit Mode: nonseg

Problem:

The terminal process is unable to get a packet buffer after the "HOGFINDER" routine is called to free up buffers. This indicates a problem with buffer allocation. The reliable transport of messages to the operator services position system (OSPS) terminal processes is at a standstill. An audit of the RLPKB relation is scheduled.

85. PSDSPB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: SPB	Audit Mode: nonseg

Problem:

The PSotim_ent() function encountered operator services position system (OSPS) level 3 code that was unable to traverse the linked list of OSPS terminal timing for packet acknowledgement. An audit of the RLSPB relation is scheduled to recover the timer list.

86. PS_ELV_APLST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APLST	Audit Mode: elev

Problem:

The self-audit function PSapaubuf() discovered possible corruption in the link status table. Elevated audit APLST was scheduled to correct the problem.

87. PSEPKB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PKB	Audit Mode: elev

Problem:

A tuple in the RLPKB relation appears to be corrupted. The RLPKB relation is used for packet buffer manipulations by the operator services position system (OSPS) message transport capability. An elevated audit of the RLPKB relation was initiated.

88. PSERRPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PSoil3attach was called to calculate the logical channel number and the D-port name associated with an operator services position system (OSPS) extended digital subscriber line (EDSL) port. The utility function that was called as a by product of the invocation of RIGETED() failed, thus returning GLERRPORT. GLERRPORT will be returned to

the calling function under the following conditions:

- (1) An attempt was made to read an UNIT_CKT or CKT_PORT tuple and could not due to some error not including NOMATCH or SYSERROR.
- (2) An attempt was made to read an UNIT_CKT or CKT_PORT tuple and could not due to a system failure (i.e. SYSERROR was returned).

89. PSESPB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: SPB	Audit Mode: elev

Problem:

An invalid tuple in the RLSPB relation was encountered. An elevated audit of the RLSPB relation was scheduled.

90. PSESTIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The event for awakening the packet services (PS) background system process SM packet unloader process (PSMPUP) was not OSSTIMULUS.

91. PSFCPHDISCARD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An embedded operations channel (EOC) flow control information message (INFO) frame was discarded in the protocol handler (PH).

92. PSFCSMDISCARD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An embedded operations channel (EOC) flow control information message (INFO) frame was discarded in the SM.

93. PSFFCLRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM-packet interface (PI) first-in first-out (FIFO) queue was cleared due to out of range pointers.

94. PSFFERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system error occurred while unloading packets from the packet interface (PI) dual access random access memory (RAM) first-in first-out (FIFO) queue.

95. PSFISTCINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The feature indication button status type, which is checked in the PSfi_t2r() function, was invalid.

96. PSHMACK (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received error return from HMack. HMack sends acknowledgement to the MCC.

Probable Cause:

Internal data corruption.

Action:

Inform local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

97. PSHMERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure has occurred while trying to print information to the read-only printer (ROP).

Probable Cause:

Internal error.

Action:

Contact next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

98. PSIFBADHEADC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: DBHEADC	Audit Mode: elev

Problem:

The operator services position system (OSPS) interflow message transport capability encountered a linkage from the head cell to the corresponding head of the linked list that was corrupted. An elevated audit of the head cell is scheduled.

99. PSIFBADQMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) interflow message transport function PSoiqprocmsg() encountered an invalid Q.931 message.

100. PSIFBADTMR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) interflow message transport capability encountered a level 3 timer that fired when it should not have. For example, a T25 timer may have fired when there were no outstanding data packets.

101. PSIFCLI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid fwcli value was read from an rLPRT_FW tuple. This field is used to check software release compatibility of the X.25 protocol used for the interflow capability. If an update is made to this relation, a corresponding software update must modify the code in the PSoiispb() function to allow the new value.

102. PSIFDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The operator services position system (OSPS) interflow message transport capability found inconsistent data in the D-channel application linkage block (DALB). The DALB audit is scheduled.

103. PSIFDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

The operator services position system (OSPS) interflow message transport capability found inconsistent data in the D-channel port block (DPB). The DPB audit is scheduled.

104. PSIFDSLEQUIP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) interflow message transport capability could not read the RLDSLEQUIP relation to retrieve the logical protocol handler (PH) and PH channel information. The PSoirxmit() function invoked this assert.

105. PSIFEDCHN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLEDSDLCHAN relation had no tuples. At least one tuple is necessary for the operator services position system (OSPS) interflow message transport to function properly.

Data Structures:

RLEDSDLCHAN.

Action:

Populate at least one tuple in the RLEDSDLCHAN relation according to the population rules.

106. PSIFFCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuple was found in the RLFC_PORTTYP relation for an operator services position system (OSPS) interflow dport. The port number is printed.

Data Structures:

RLFC_PORTTYP.

Action:

Use RC/V (or ODBE, if necessary) to populate a tuple in the RLFC_PORTTYP relation for the port.

107. PSIFGNODALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The group alerting circuit (GAC) terminal process was unable to determine the logical channel that it was attached to when it was replaced.

108. PSIFGNOTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The group alerting circuit (GAC) terminal process was unable to obtain a timer that it needs to continue functioning.

109. PSIFGREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The group alerting circuit (GAC) terminal process was replaced with a reason other than OSREPLACE. The invalid reason is dumped.

110. PSIFGTPEVENT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The group alerting circuit (GAC) terminal process found an unexpected event. The operating system for distributed switching (OSDS) message buffer is dumped.

111. PSIFGTPMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The group alerting circuit (GAC) terminal process (TP) received a message from the remote GAC TP that can not be recognized. The dport and message pointer are dumped.

112. PSIFGUSER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A user message with an unrecognizable destination, was received over the group alerting circuit (GAC) and delivered to the user interface. The dport and message pointer are dumped.

113. PSIFID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization, an operator services position system (OSPS) interflow port that belongs to a trunk group had no interflow ID defined for the remote OSPS. The port number and trunk group are printed.

Data Structures:

RLIST_PARM, RLOSPS_INT.

Action:

Use RC/V (or ODBE, if necessary) to populate a tuple for the trunk group in the appropriate relation; that is, the RLIST_PARM relation for a sending interflow link, or the RLOSPS_INT relation for a receiving interflow link.

114. PSIFNOTMR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) interflow message transport capability was unable to obtain an operating system for distributed switching (OSDS) timer for use in timing all OSPS protocol activities. The SM packet unloader process (PSMPUP) system process will be purged.

115. PSIFPKB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PKB	Audit Mode: elev

Problem:

The operator services position system (OSPS) interflow message transport capability found inconsistent data in the packet buffer (PKB). The PKB audit is scheduled.

116. PSIFREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) interflow message transport function PSoix25tmr() was called with an invalid reason parameter.

117. PSIFSPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SPB	Audit Mode: elev

Problem:

The operator services position system (OSPS) interflow message transport capability found inconsistent data in the supplementary protocol block (SPB). The SPB audit is scheduled.

118. PSIFTKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuple was found in the RLPORT_GROUP relation for an operator services position system (OSPS) interflow port. The port number is printed.

Data Structures:

RLPORT_GROUP.

Action:

Use RC/V (or ODBE, if necessary) to populate a tuple in the RLPORT_GROUP relation for the port.

119. PSIFTRANSID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) interflow link failed its compatibility check during initialization. A tuple could not be found in the RLIFTRANS relation for the translation ID received from the remote OSPS. The translation ID, port number, and trunk group of the interflow link are printed.

Data Structures:

RLIFTRANS.

Action:

Verify that the translation ID, which should be the OSPS parameter Gliftransid on the remote OSPS, is correct. If it is, populate a tuple in the RLIFTRANS relation with the translation ID.

120. PSINERPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INcommoninit() function called the PSoindata() function to initialize the dynamic data for operator services position system (OSPS) level 3 on the switch side. PSoindata() did not return GLSUCCESS.

121. PSINETERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error condition has been detected by the 5ESS[®] switch TCP/IP platform.

Probable Cause:

In general, asserts are not expected out of the 5ESS[®] switch TCP/IP platform. Probable causes include provisioning or software errors. Data dumped as part of the assert include a 16-bit error type and additional supporting data. The error type values are enumerated in the sourcefile ps/PNinet/PNrepterr.h.

Action:

Forward assert report to 5ESS[®] switch TCP/IP platform development.

122. PSINVARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A PS subsystem function was called with an invalid argument.

Probable Cause:

Invalid argument.

Action:

None.

123. PSINVDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found.

124. PSIPTST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered while attempting to initialize or refresh protocol handler (PH) data required for packet switching calls that involve an internal protocol (IP) trunk group. required for call setup and packet transport. Incorrect or incomplete data will result in call failure. Data that was collected from the printer (ROP). Consult the program listings for the function identified by the failing address to determine the type of error.

125. PSISPAJHDLR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call from the PSarmvdsi() function to the Tmis pajhdr() primitive failed. The preemption job will not be scheduled.

126. PSL3BADTEI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 processing encountered a terminal endpoint identifier (TEI) value in a message that does not match the TEI value in the D-channel application linkage block (DALB).

127. PSL3DEFAULT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operator services position system (OSPS) level 3 function encountered a default in a case statement; that is, the case encountered is out of the range expected by the function.

128. PSLPCASSERT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error condition was detected by the large packet connection mechanism which is used to send large packets between the SMP and its PSU and among PHs within a PSU.

Probable Cause:

The error can be caused by a number of conditions. This assert is intended only to document the error occurrence. This assert dumps an error type the values of which are as follows:

ERROR TYPE SYMBOL	ERROR TYPE VALUE
PSLPCBADARG	1
PSLPCCORRUPTEDDATA	2
PSLPCINVALIDSTATE	3
PSLPCUNEXPECTEDINPUT	4
PSLPCSNDSMSGFAILURE	5
PSLPCOSTIMERFAILURE	6
PSLPCNOTPI2ERROR	7
PSLPCPIMOVEFAILURE	8
PSLPCALIGNERROR	9
PSLPCSIZEERROR	10
PSLPCARBITERERROR	11
PSLPCCDTNOTAVAILABLE	12

Action:

Forward information to protocols subsystem (PS) software development.

129. PSLPT_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLLPT_PT relation.

Data Structures:

RLLPT_PT. Key fields: lport (first data item dumped), lpt_type (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

130. PSMDBADAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The common channel signaling (CCS) QPH background unloader system process PSqpup() has unloaded a CCS message delivery (MD) message from the message handler to switch module (MH->SM) fifo that is destined for an invalid MD application.

Probable Cause:

Either the message that was unloaded is an invalid message, or the CT7MPSIU loadable software package is not loaded in the switch.

Action:

The 8 byte MD message header, followed by the beginning of the message will be dumped to the ROP for further evaluation.

131. PSMPCTABL (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: TABGSM	Audit Mode: elev

Problem:

An internal database error was discovered in table CCgsm_opc during input message validation. An audit has been scheduled to remedy the problem.

Probable Cause:

Internal data corruption.

Action:

Inform local field support if problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

132. PSMSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The common channel signaling (CCS) QPH background unloader system process has received an OSDS message type that it does not know how to process.

Probable Cause:

Some unknown process is sending an OSDS message (either on purpose or erroneously) to the CCS QPH background unloader system process that the system process does not recognize.

Action:

The invalid message will be dumped to the ROP for further evaluation.

133. PSMSGERR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A protocol subsystem (PS) function received a PSERROR or PSBADDATA failure return code from the PSsendmsg() function.

Probable Cause:

A PSERROR return code indicates a possible software problem. A PSBADDATA return code indicates that the destination protocol handler is invalid.

Action:

Provide ROP data to the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

134. PSNOAPCP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSmpup() function discovered that the applications processor communication package (APCP) is not loaded.

135. PSNOAPPL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) could not deliver a message to a process via the OSSENDMSG() macro from the operator services position system (OSPS) level 3 message transport code. No application terminal process was running with the process ID being processed.

136. PSNOBRCS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer expired indicating to the switching module packet unloader process (PSMPUP) that message routing for integrated services digital network (ISDN) business and residential custom services (BRCS) button messages should be run; however, the ISDNBRCS package is not loaded in this SM.

137. PSNOCDNCHAN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCDNCHAN relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLCDNCHAN. Key fields: noc (first data item dumped), digits (second data item dumped, displayed as an ASCII string).

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

138. PSNODPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSormvdsi() function could not get a D-channel application linkage block (DALB) or a D-channel port block (DPB).

139. PSNODSLEQUIP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDSLEQUIP relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLDSLEQUIP. Key fields: dsl.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

140. PSNOEQUIPDSL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLEQUIPDSL relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLEQUIPDSL. Key fields: dsl_group (first data item dumped), member (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

141. PSNOL3PLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Operator services position system (OSPS) level 3 could not find a packet layer entity associated with an OSPS digital subscriber line (DSL). The D-channel application linkage block (DALB) audit is invoked in elevated mode.

142. PSNOODPSOP (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLODPSOP relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLODPSOP. Key fields: port (first data item dumped), party (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

143. PSNOPSX25LN (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPSX25LN relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLPSX25LN. Key fields: ph_number (first data item dumped), ph_cn (second data item dumped), party (third data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

144. PSNORESET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) interflow message transport capability could not send an MGL3INIT message because the OSSENDMSG() macro failed. The PSoil3init() function invoked the assert.

145. PSNOSPID (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSPID relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLSPID. Key fields: spid.uspid.digcnt (first data item dumped), spid.uspid.dig1 through spid.uspid.dig18 (second data item dumped, displayed as an ASCII string).

Action:

This is a database inconsistency that can only be corrected by manual action.

146. PSNOTLOADED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by PSmpup() for a feature that is not loaded.

Probable Cause:

An unknown process is trying to send a message destined for a loadable software package that is not loaded in the switch.

Action:

The invalid message will be dumped to the ROP for further evaluation.

147. PSNOTMATCHED (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PSmpup() received an MD packet for an unknown user.

Probable Cause:

A message is being sent that is not supported.

Action:

The invalid message will be dumped to the ROP for further evaluation.

148. PSNOTMMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 code was timing a message and discovered that no message was waiting (that is, an inconsistent event occurred).

149. PSNOTMR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) level 3 processing could not get an operating system for distributed switching (OSDS) timer. The system cannot operate without this timer; a single process purge (SPP) is requested.

150. PSNULPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This failure occurred when attempt was being made to calculate the logical channel number and D-port name. To determine the D-port name the macro RIGETED() was called, and it failed, returning GLNULPORT. GLNULPORT will be returned under the following conditions:

- 1) An attempt was made to read a UNIT_CKT tuple.
- 2) An attempt was made to read a CKT_PORT tuple.

151. PSODBMSGBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet services (PS) code encountered an invalid value in a field in the message being processed. The protocol handler (PH), PH channel, and party numbers are printed on the receive only printer (ROP). The assert assumes that no rIPsx25LN tuples are missing from the database. The keys for the rIPsx25LN tuple are the PH, PH channel,

and party.

Probable Cause:
Corrupted ODD.

Action:
Provide information to next level of support.

152. PSOSREASON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An unknown reason for creation was received from the operating system (OS).

153. PSOSSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The operating system for distributed switching (OSDS) failed to send a message via the OSSENDMSG() macro.

154. PSPARMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A packet services (PS) function received a parameter that was out of range.

155. PSPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:
The DAfownpc() primitive (b-port) or the DAfdapc() primitive (d-port) returned an unexpected error code when it was used to find the process control block link area (PCBLA) for a given port.

156. PSPDALB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Operator services position system (OSPS) level 3 code encountered difficulty with a D-channel application linkage block (DALB). No recovery is required (the quarantine bit is set, the following linkage fails.)

157. PSPHDISCARD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A Q.931 message from the SM to the customer premises equipment (CPE) was discarded in the protocol handler (PH). The SM sent messages to a channel faster than the CPE could process them.

158. PSPHDSCRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the SM to the customer premises equipment (CPE) was discarded in the protocol handler (PH). The SM is sending messages to a particular channel faster than the CPE can process them.

159. PSPIDISCARD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the SM to the customer premises equipment (CPE) was discarded in the packet interface (PI). The SM sent messages to a protocol handler (PH) faster than the PH could process them.

160. PSPIDSCRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A Q.931 message from the SM to the customer premises equipment (CPE) was discarded in the packet interface (PI). The SM is sending messages to a particular protocol handler (PH) faster than the PH can process them.

161. PSPKBINIT (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

The operator services position system (OSPS) message transport software could not get a packet buffer (PKB) for more than two minutes. A selective initialization will be scheduled.

162. PSPPKB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitives which manipulate the RLPKB relation failed. A problem was encountered accessing an rIPKB tuple.

163. PSPRISTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

Error occurred while accessing RLPRISTAT tuple. Appropriate recovery action has been taken.

164. PSPRORNX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

This assert was evoked as a result of a failure in obtaining an extended subscriber line (EDSL) D-port or a valid D-port with a non-zero port index was retrieved. When an EDSL D-port is needed the macro RIGETED() is evoked. This will in turn call the function RIgeted() to obtain a D-port. RIgeted() will read a port linkage area (PORTLA) tuple for the passed in port. If a tuple exists for the D-port a determination is made to verify that the port is a D-port by checking the port_indx attribute of the PORTLA. A non-zero value for this attribute indicates that the D-port is not an EDSL D-port. This assert will schedule a portla audit if no tuple exists for the passed in port or a non-zero port index is assigned for the EDSL D-port.

165. PSPRTCRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

This assert was evoked as a result of a failure in obtaining an extended digital subscriber line (EDSL) D-port. This failure resulted when an attempt was made to obtain a port linkage area (PORTLA) tuple from within the utility function RIgeted(). RIgeted() was called when the macro RIGETED() was evoked. The assert schedules the portla audit to cleanup the corrupted PORTLA tuple.

166. PSPSPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic access (DA) primitives which manipulate the RLSPB relation returned a failure code. This indicates a problem accessing an rLSPB tuple.

167. PSQMSG2LONG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A raw Q.931 message exceeded the maximum length.

168. PSRETASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognizable return code was received from the PSmsadt() function or the PSmsudt() function primitive call.

169. PSRTDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

Layer 3 for remote terminal (RT) TR303 communications found inconsistent data in the D-channel port block (DPB). The DPB audit will be scheduled.

170. PSRTPICB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PICB	Audit Mode: elev

Problem:

Layer 3 for remote terminal (RT) TR303 communications found inconsistent data in the RLPICB relation. The peripheral interface control bus (PICB) audit will be scheduled.

171. PSRUGLPRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was returned from an attempted read/update of a global parameter from within a transaction.

Probable Cause:

1. Parameter name does not exist or

2. Not a valid transaction or
3. Transaction time allowed exceeded or
4. System error

Action:
None.

172. PSSCCPBDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An unexpected value was received in a SCCP message.

173. PSSENDASRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:
PSBADATA was returned from the PSmsadt() function or the PSmsudt() function indicating invalid data in the D-channel application linkage block (DALB).

174. PSSENDER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
PS failed to enter a packet into the outgoing PI-SMP FIFO because PSmsendpkt() was passed a bad parameter, or no PI boards operational in this SM.

175. PSSENDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An OSSENDMSG() macro call from the application processor communication package (APCP) code failed.

176. PSSINDXI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
is generated if the DPC/SSN index retrieved from the CC7IND_SSN table is out of range. The valid range is 1 to 4095. If this assert occurs, the table data may not be consistent with the associated SM relation, RLDPCIND, or the relation may be populated incorrectly.

177. PSSIXRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
generated if a read of the PHDA table CC7IND_SSN returns a value other than GLSUCCESS or CCNO_MATCH. GLSUCCESS means that the tuple was retrieved successfully. CCNO_MATCH means that the tuple did not exist. Any other value would indicate that there is something wrong with the table. If this assert occurs, the table may not be consistent with associated SM relation, RLDPCIND, the relation may be corrupted, or there could be something

wrong with the table access.

178. PSSSTRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

generated if a read of the PHDA table CC7SSN_STAT returns a value other than GLSUCCESS. GLSUCCESS means that the tuple was retrieved successfully. Any other value would indicate that there is something wrong with the table, because the key used has already been verified as valid. If this assert occurs, the return code can be used to determine the source of the problem and the appropriate action.

179. PSTCCPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Transaction capabilities application part (TCAP) function PStcapog() has received a message and a message length from a calling MD function. PStcapog has copied the BDs into a buffer using function PSbd2blk(), but the copied length is different than the message length passed to PStcapog() as a parameter. The following data will be displayed: Passed message length and Copied message length.

Action:

No action is required. This assert is for information purposes only.

180. PSTCMSGEXC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Transaction capabilities application part (TCAP) has received a message on a PH, from a remote application, whose length field indicates that the message exceeds the maximum length allowed of 255 bytes. The following local data will be dumped: Message type and Message size.

Action:

No action is required. This assert is for information purposes only.

181. PSTMHACCNOMATCH (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Doing a CCrdtup() of the CCTMHNGSMACC table gave table not found.

Probable Cause:

The table may not be properly inserted during the TMHI process initialization.

Action:

This table is for internal to the code execution so let the TMHI process execute in order to insert the table during its initialization.

182. PSTMJBFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSrmvdsI() function received a failure return from the ISpjhdrI() function.

183. PSTPAPSPB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: APSPB	Audit Mode: elev

Problem:

The application processor (AP) terminal process could not access an rIAPSPB tuple. The process is purged, and the APSPB audit is scheduled.

184. PSUKNUSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

Unexpected event received in PSmpup()

185. PSUNEXEVNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected process event was received.

186. PSUNKNSHSHPKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicated that an unknown packet type was received. This assert should be followed by a data dump of the packet.

187. PSUNXMSG (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 processing encountered an unexpected message in the timer routines.

188. PSUNXMSG (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Operator services position system (OSPS) level 3 processing encountered an unexpected message in the timer routines.

Range: psi**1. DTBADEV (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMIC system process received an illegal event.

2. DTBADOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMIC system process received an illegal message.

3. DTBADTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data transport (DT) switched on an invalid timer type.

4. DTBADTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid timer tag received by the system process SMIC.

5. DTETEFail (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data transport (DT) has detected an end-to-end check failure, but it appears that the SMP and PI are unloading packets. This could indicate that DT messages have been lost, or that they have not been unloaded fast enough to beat the timer. The FIFO pointers have been stored in `local_array[]`, which can be seen in the stack frame dump associated with this assert.

6. DTOSSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data transport (DT) received an invalid return from the `OSSENDMSG()` macro.

7. DTREASERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMIC system process received an illegal operating system (OS) create reason.

8. DTSM2PIFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data transport has failed to place a message on the SMP->PI FIFO for reasons other than resource exhaustion. This could result in end-to-end check failures.

9. INBDCKNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid circuit name was encountered during a full or selective initialization.

10. INCCSWFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INpu_start() function called the SMSiccstup() function via the OSfap() function to switch the common controller (CC) during offline verification. INpu_start received a failure return code.

11. INDAHLSC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to get a high level service circuit (HLSC) for selective initialization's circuit initialization.

12. INNRETGEN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general system integrity control (SICO) non-returning assert. Save the ROP output to determine where the error occurred.

13. INPU_ERROR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the parallel initialization control table (INit_tbl[]). One peripheral unit is left uninitialized. The first stack frame dump and the layout of the INit_tbl[] array provide more information. The stack back trace also provides information about the error. Contact the product engineering control center (PECC) for further investigation.

14. INUNITERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A unit type that is not currently supported by the function INproc_pidbts() has been encountered. The INproc_pidbts() function should be modified to appropriately handle this unit type. This assert does not take any recovery action.

15. SIBADGRWREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid optional data region (ODR) growth request type has been passed to Slodgrw(). Collect the associated stack trace and stack frame reports and contact the next level of support.

16. SIBADODRID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid optional data region (ODR) enumeration has been detected. Collect the associated stack trace and stack frame reports and contact next level of support.

17. SIMGTPBADREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity memory management/growth terminal process (MGSI) was created with an invalid creation reason. The process will be purged. Collect stack frame report and contact next level of support for further debugging.

18. SIMGTPINVMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity memory management/growth terminal process (MGSI) has received an invalid message type. The invalid message type will be dumped, and the terminal process will be purged. Collect associated data dump and contact next level of support.

19. SIMGTPTIMEOUT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity memory management/growth terminal process (MGSI) has timed out waiting on a request from the module integrity controller system process (MICO). The terminal process has been purged, and the corresponding manual request for optional data region (ODR) growth or SM physical memory growth has been aborted. As the message may have been lost, retry the growth request before contacting the next level of support.

20. SIOALLOCRTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Slodgrw() has been passed an unexpected return code from Sioalloc(). Collect associated stack trace and stack frame reports and write an initial modification request (IMR) against the system integrity (SI) subsystem for further debugging.

21. SIOLAOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Slenum_olock() was passed a bad action. This should never happen. Write an IMR against the System Integrity subsystem.

22. SIOLEOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Slenum_olock() was passed a bad enumeration of an optional data region (ODR) to lock. This should never happen. Write an IMR against the system integrity subsystem.

23. SIOLPHOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Slenum_olock() was called with action SILOCKPHS but with a optional data region (ODR) enum that was not for a protocol handler (PH) image. Only PH images can be locked in state SILOCKPHS. This assert should never happen. Write an IMR against the system integrity subsystem.

24. SIOM1 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor attempted to contact the AM in order to upload overload data, but the AM did not respond. The overload data will be lost.

25. SIOM2 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor sent numerous messages to the AM requesting access to the Simon local buffer; however, the buffer was always busy. The overload data on the local processor will be lost.

26. SIOM3 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor could not gain access to the operating system for distributed switching (OSDS) monitor's operation structure. The overload monitor data will be lost.

27. SIOM4 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor received an abort message from the AM. The overload data will be lost.

28. SIOM5 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor received a wakeup requesting that overload data be processed, but the global data structure indicating the size of the data had not been initialized.

29. SIOPHBO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During protocol handler (PH) restoration an unrecognized optional data region (ODR) image number was encountered. This should never happen. Write an initial modification report (IMR) against the system integrity subsystem.

30. SIOPHNLI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to restore a protocol handler (PH) image, pump code could not acquire an initial lock on the PH peripheral image. Data on the lock state of all optional data region's (ODR's) is dumped as part of this assert for debugging purposes. Contact field support: there may be a problem with the system integrity subsystem.

31. SIOUPMPNL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to restore a peripheral image, the unitpump code was unable to acquire a lock on the peripheral optional data region (ODR) image within the allowed timeout. The data dumped by this assert includes locking info (starting with the lockstate of the ODR that pump was unable to lock) and ODR data for this ODR. Contact field support: there may be a problem with the system integrity subsystem.

Range: psph**1. PS1ACTVCBAD (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a service order processor (SOP) inhibit or a customer premises equipment (CPE) inhibit, the number of virtual circuits (VCs) was not equal to zero, when it was expected to be zero.

2. PS1SBADTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Some timers on the list. While timer tag for the timer control block being deleted is PSTMRNULL indicating timer list and TCB list is inconsistent.

Data Structures:

PS1seclist: Appropriate timer list index

PSscoctcb[tcb_idx]: Timer control block index.

Action:

Invokes PH SCCP-CO audit, AU1SECLIST. If this assert occurs quite often call field support personnel for help.

3. PS2ACTVCBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a remove of a digital subscriber line (DSL), the active virtual circuit (VC) count was not zero, when it was expected to be zero.

4. PS3ACTVCBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a campon, the active virtual circuit (VC) count was not equal to zero, when it was expected to be zero.

5. PS4ACTVCBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a remove on a service order processor (SOP), the active virtual circuit (VC) count was not zero, when it was expected to be zero.

6. PS6NOTIMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to get prove-in timer.

7. PS10SBADTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Some timers on the list. While timer tag for the timer control block being deleted is PSTMRNULL indicating timer list and TCB list is inconsistent.

Data Structures:

PS10seclist: Appropriate timer list index.

PSscoctcb[tcb_idx]: Timer control block index.

Action:

Invokes PH SCCP-CO audit, AU1SECLIST. If this assert occurs quite often call field support personnel for help.

8. PSABDCHN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid D-channel number was encountered.

9. PSADCL2E (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A D-channel layer 2 (DCL2) system process was entered with an invalid reason. This should result in a single process purge.

10. PSAFRSBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid frame structure was received from the subscriber gateway. The frame was discarded.

11. PSALCBINVIDX (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A invalid ALCB index was found in a timeout function, where the ALCB index is stored in udata.

12. PSALDBHD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PSHC	Audit Mode: nonseg

Problem:

An inconsistency in the access link data block (ALDB) headcell was detected.

13. PSALDBIX (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ALDB	Audit Mode: nonseg

Problem:

An invalid access link data block (ALDB) index was detected.

14. PSALIOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical link control block (LLCB) index was out of range for a D-channel. The LLCB was unlinked from the D-channel control block (DCCB), but it was not idled.

15. PSALKCNR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown control type was found in the D-channel control block (DCCB) link to the logical link control block (LLCB). The idled LLCB was released.

16. PSALLCBT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown timer type was found in the logical link control block (LLCB). The idled LLCB was released.

17. PSALSBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read failure for CCITT6 static table, CCalsb_plsb[]. Print the PSS6SU structure containing the current CCITT6 message and the return code from CCrdrup().

18. PSALTUNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to associate a logical link control block (LLCB) timeout with a D-channel. This error initiates a single process purge.

19. PSAMSGLG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A length error was received from the OSWGETMSG() macro in the D-channel layer 2 (DCL2) system process.

20. PSAMSGRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to send the operating system (OS) a message due to an unexpected failure return from the PSsendmsg() function.

21. PSAMSGTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown message was received in the D-channel layer 2 (DCL2) system process.

22. PSATMRTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to start or stop a timer due to an unexpected error return from the PSt_start() function or the PSt_stop() function. The logical link control block (LLCB) was released.

23. PSAWMSGR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown return value was received from the OSWGETMSG() macro in the D-channel layer 2 (DCL2) system process.

24. PSB_ACTION (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal protocol action was encountered during level 2 link access procedure B (LAPB) processing.

25. PSB_ACTTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal activation type was encountered during level 2 link access procedure B (LAPB) processing.

26. PSBADAHD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The access link control blocks (ALCBs) that were indicated by the ALCB headcell as the head and tail of the ALCB free list were not there.

27. PSBADALK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The first access link control block (ALCB) on the free list had an index that was out of range, or failed a point-to-point-back check against the next ALCB on the free list (if there was one).

28. PSBADCHD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical channel control blocks (LCCBs) that were indicated by the LCCB headcell as the head or tail of the LCCB free list were not there.

29. PSBADCHON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unsuccessful return was received from PSsgchon. Either the dslrate is incorrect or the phts was incorrect. This resulted in the D-channel not being turned on. Will notify signaling link management to take the appropriate action.

30. PSBADCL2RQT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QPHFR-PH process received an invalid MGCL2RQT message. Valid requests are of type PSCL2PON, power-on request, or PSCL2POFF, power-off request. The message will be dumped to the ROP.

31. PSBADCLK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The first logical channel control block (LCCB) on the free list had an index that was out of range, or failed a point-to-point-back check against the next LCCB on the free list (if there was one).

32. PSBADCOCXN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SCCP-CO connection state is invalid. Dump the connection entry.

Data Structures:

PScxn[cxn_idx] Whole connection entry .

Action:

IF this happens number of times in short time, call field support personnel.

33. PSBADCOIMS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Finite state machine driver receives unknown SCCP-CO internal messages. Dump the message.

Data Structures:

PSINT_MSG: Whole message is dumped.

Action:

IF this happens number of times in short time, call field support personnel.

34. PSBADERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown error code was received by the QPHFR-PH error handling function.

35. PSBADIPH (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back check between the intra-protocol handler (PH) logical link control block (LLCB) and its first internal frame descriptor (IFD) failed. If there are no intra-PH calls active, then the value of PSllcb[PSINPHLL].f_ifd is something other than PSIFDNULL (0x0190), possibly this field was inadvertently zeroed.

36. PSBADLCCB (5E14 and later)

Recovery Action: spp	SPP: n	Audit: LCCB	Audit Mode: nonseg

Problem:

An invalid field was found in the logical channel control block (LCCB). This causes a single process purge.

Probable Cause:

Unknown.

Action:

Seek Technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

37. PSBADLNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DCCB	Audit Mode: nonseg

Problem:

An error was found in the D-channel control block (DCCB) linkages for the conditional notification queue.

38. PSBADMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function was passed an out-of-range member number parameter.

Probable Cause:

Corrupted data.

Action:

None.

39. PSBADMODE (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet services (PS) subscriber gateway synchronous/asynchronous protocol data formatter (SPYDER) mode error occurred. This error is caused by an incorrect PSspymode global data value.

40. PSBADNPRIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Finite state machine (FSM) wants to send N_Primitive to the user application. N_Primitive FSM sent is illegal there is something wrong with the FSM just dump the PSINT_MSG structure received from FSM.

Data Structures:

PSINT_MSG: Whole message is dumped.

Action:

If this happens several times within a short time, call field support personnel.

41. PSBADPRM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid parameters were passed to a function. Check the receive only printer (ROP) for a function back trace.

42. PSBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the PSsendmsg() function. No action will be taken.

43. PSBADRFDL (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet services (PS) subscriber gateway synchronous/asynchronous protocol data formatter (SPYDER) receive frame descriptor (RFD) linkage error occurred. This is caused by corrupted linkages in memory.

44. PSBADRSTAT (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet services (PS) subscriber gateway synchronous/asynchronous protocol data formatter (SPYDER) receive frame descriptor (RFD) pointer/status error occurred. This error is caused by incorrect linkages memory.

45. PSBADSUBSYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When N_Primitive is being sent from the user application to the SCCP-CO or from SCCP-CO to the user application. Subsystem is validated by the N_Primitive handler to make sure correct connection is being used by/for the correct user application. The argument passed does not match to the what is stored in the connection database. If this assert indicates connection database is corrupted for some connections.

Data Structures:

PSINT_MSG: Whole message is dumped.

PScxn[cxn_idx].local_ssn: local subsystem name.

Action:

If initialization of PH occurs frequently due to this reason than call field support personnel.

46. PSBADTFDL (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet services (PS) subscriber gateway synchronous/asynchronous protocol data formatter (SPYDER) transmit frame descriptor (TFD) linkage error occurred. This is caused by corrupted linkages in memory.

47. PSBADVALUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A variable, internal to a function, was found to have an undefined, invalid, inconsistent or bad value. This is a general assert used to dump the value that was found to be bad.

48. PSBCALIHD (5E14 and later)

Recovery Action: spp	SPP: n	Audit: CALINFO	Audit Mode: nonseg

Problem:

A corrupt linkage was found in the CALEA information block (CAL_INFO) headcell.

Probable Cause:

Data corruption.

Action:

Assert has scheduled the CAL_INFO audit to run.

49. PSBCALILK (5E14 and later)

Recovery Action: spp	SPP: n	Audit: CALINFO	Audit Mode: nonseg

Problem:

Linked list linkage(s) in the CALEA information block (CAL_INFO) had an invalid/unallowed value or failed a point-to-point-back check.

Probable Cause:

Data corruption.

Action:

Assert has scheduled the CAL_INFO audit to run.

50. PSB_CHAN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal channel number was detected during level 2 link access procedure B (LAPB) processing.

51. PSBDCHAN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid channel number was passed to the PSuct_pkt() function from a requested call trace.

52. PSBDLKRTDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: RTDB	Audit Mode: nonseg

Problem:

A corrupt linkage was found in the routing data block (RTDB) free list.

53. PSB_ERROR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error occurred during level 2 link access procedure B (LAPB) processing that has been recovered from.

54. PSB_GENFRM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal frame was passed to the state transition function. The frame should have been handled in the calling function.

55. PSB_IFD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal frame descriptor (IFD) list for a link access procedure B (LAPB) link was corrupted.

56. PSBIXLLCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range link access protocol D (LAPD) logical link control block (LLCB) index was passed for de-allocation. The request was ignored.

57. PSBKSTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SCCP-CO PH status table may contain bad data.

Data Structures:

PSphtbl[PSlphnum] Whole status entry.

Action:

If this happens several times in a short time period, call field support personnel.

58. PSBLAESHD (5E14 and later)

Recovery Action: spp	SPP: n	Audit: LAESCASE	Audit Mode: nonseg

Problem:

A corrupt linkage was found in headcell of the communications assistance for law enforcement act (CALEA) lawfully authorized electronic surveillance (LAES) case data block (LAESCASE).

Probable Cause:

Data corruption.

Action:

Assert has scheduled the LAESCASE audit to run.

59. PSBLAESLK (5E14 and later)

Recovery Action: spp	SPP: n	Audit: LAESCASE	Audit Mode: nonseg

Problem:

Linked list linkage(s) in the communications assistance for law enforcement act (CALEA) lawfully authorized electronic surveillance (LAES) case data block (LAESCASE) had an invalid/unallowed value or failed a point-to/point-back check.

Probable Cause:

Data corruption.

Action:

Assert has scheduled the LAESCASE audit to run.

60. PSB_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message to the switching module processor (SMP) from level 2 link access procedure B (LAPB) processing in the protocol handler (PH) failed to reach the SMP for a non-resource related reason.

61. PSB_PHCTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal protocol handler (PH) channel type was encountered during level 2 link access procedure B (LAPB) processing.

62. PSB_PTCHECK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back check between the access link control block (ALCB) and the logical link control block (LLCB) failed on a level 2 link access procedure B (LAPB) link.

63. PSB_REJEVENT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal frame rejection action was encountered during level 2 link access procedure B (LAPB) processing.

64. PSB_STATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal protocol state was encountered during level 2 link access procedure B (LAPB) processing.

65. PSB_TIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal protocol timer timeout value was encountered during level 2 link access procedure B (LAPB) processing.

66. PSC6PNDMAX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid pndg message buffer size (negative or zero).

67. PSCBADCALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected caller of the CCITT7 level 3 signaling message handling outgoing routing function. MSU discarded.

68. PSCBADCT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Actual count of bytes in the buffer descriptor is out of range. MSU discarded.

69. PSCBADMET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Method to route the outgoing MSU by CCITT7 L3 SMH is invalid. MSU discarded.

70. PSCBADUPACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid update action requested for CCITT7 PHDA dynamic tables. A refresh of the CCITT7 PHDA dynamic data is requested.

71. PSCBOVR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A retransmit or transmit buffer overflow has occurred.

72. PSCBSNERST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid bsn-in-error state.

73. PSCCSL2E (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 level 2 system process was entered with an invalid reason. This should result in a single process purge (SPP).

74. PSCDSLRLATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad DSL rate for CCITT7 level 2 system process.

75. PSCDYBUFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency had been detected with the buffering flag in the CCITT7 PHDA dynamic data. The buffer flag is set in the DPC to linkset table or loadsharing table for an MSU retrieved from the level 2 retransmission buffer. The MSU is discarded. A CCITT7 PHDA dynamic data refresh is requested if the dynamic data update method is via OSDS otherwise the update method is via packets and a count of dynamic data errors is pegged.

76. PSCEMSUTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Locally generated MSU of an invalid type (given by the heading codes (H0/H1 fields) in the MSU). MSU discarded.

77. PSCEMSUUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Locally generated MSU destined to an invalid user part (given by the service indicator code in the MSU). MSU discarded.

78. PSCERRSDLDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The macro PSGETSDDLATA() unexpectedly did not return GLSUCCESS, or did not return any of its expected return values.

79. PSCFIBERST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid FIB-in-error state.

80. PSCINITST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message type received by CCITT7 L3 SMH system process when in the incorrect state.

81. PSCL2IACRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid return value received from initial alignment control (IAC) of CCITT7 level 2 system process.

82. PSCL2REQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid CCITT7 level 2 message received by CCITT7 level 2 system process based on the state.

83. PSCL2STATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid state of CCITT7 level 2 system process.

84. PSCL6BADSPY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad return when setting SPYDER mode.

85. PSCL6EVENT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid link input event.

86. PSCL6INVMUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid MUM linkage.

87. PSCL6LKR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid reset type in link reset message.

88. PSCL6NOTQSP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Transmission queue full.

89. PSCL6NOXQSP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Retransmission queue full.

90. PSCL6STATE (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid link state.

91. PSCL6SYNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid level 2 sync type.

92. PSCLATECOMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
CCITT7 PHDA dynamic data initialization complete message not received by the CCITT7 L3 SMH system process in the expected time. A refresh of the CCITT7 PHDA dynamic data is requested.

93. PSCLATEINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
CCITT7 PHDA dynamic data initialization start message not received by the CCITT7 L3 SMH system process in the time expected. A refresh of the CCITT7 PHDA dynamic data is requested.

94. PSCLS2SLC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkset or signaling link code (SLC) obtained from the appended routing data of the locally generated MSU is out of range. The MSU is discarded.

95. PSCLSBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Linkset obtained from CCITT7 DPC to linkset table is out of range. MSU discarded and CCITT7 PHDA dynamic data refresh requested.

96. PSCLSMBBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Linkset retrieved by PSGETSDLDATA() is out of range. MSU is discarded.

97. PSCLSSUSI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an LSSU with an invalid status indicator.

98. PSCLTADDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 PHDA loadsharing table add or delete not specified for an entire linkset. A CCITT7 PHDA dynamic data refresh is requested.

99. PSCLTMOBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 PHDA loadsharing table modify specified with no SLSSs to be updated. A refresh of the CCITT7 PHDA dynamic data is requested.

100. PSCMSGLG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Length error value received from OSWGETMSG in the CCITT7 level 2 system process.

101. PSCMSGR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown OS message received by the CCITT7 level 2 system process.

102. PSCMSGRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to send OS message due to unexpected failure return from OSsendmsg.

103. PSCMSGTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown OSDS message head type received by the CCITT7 level 2 system process

104. PSCMSULGTH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

MSU of an invalid length. MSU discarded.

105. PSCMTHOPCNT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CCS message that is being transported between the NGSM and host GSM has made too many hops through the CMT network.

Probable Cause:

The CMT routing data is incorrect.

Action:

Contact local field support if the problem continues. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

106. PSCMTOCSTAT_BAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCS message transport (CMT) path overflow condition status returned from macro PSCMTOCSTATGSM() is invalid.

Probable Cause:

The possible causes of getting an invalid CMT path overflow condition status are either due to a memory corruption or macro PSCMTOCSTATGSM() gets an invalid non-global switch module (NGSM).

Action:

The CMT throttling function, PScmt_throttle(), returns a GLFAIL to indicate that the inbound TCAP message shall be discarded due to the unknown CMT path overflow condition status. The assert will help to flag the problem if an invalid NGSM was received by macro PSCMTOCSTATGSM().

107. PSCNOAPD2PH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Locally generated MSU cannot be routed as there is no match in the CCITT7 PHDA signaling link code (SLC) to STPH table for the appended routing data. MSU discarded and the CCITT7 PHDA dynamic data refresh is requested.

108. PSCNOLD SH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No entry in CCITT7 loadsharing table for the linkset obtained from the CCITT7 DPC to linkset table. MSU discarded and CCITT7 PHDA dynamic data refresh requested.

109. PSCNOOPCUNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MSU retrieved from the level 2 retransmission buffer and previously destined to an other licensed operator (OLO), cannot be routed as the OPC in the MSU cannot be untranslated, as there is no match for the OPC in the MSU in the DPC translation table. This is due to either the craft deleting an entry from the table or the CCITT7 PHDA OPC and DPC translation tables being inconsistent. The MSU is discarded.

110. PSCNOPH2LS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No active link is assigned to logical channel according to PSGETSDLDATA(), when one was expected.

111. PSCNOSLCPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either there is no entry or no available links in the CCITT7 signaling link code (SLC) to ST-PH table for the linkset obtained from the CCITT7 DPC to linkset table. MSU discarded and CCITT7 PHDA dynamic data refresh requested.

112. PSCONGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The congestion type stored in the structure CCgsm_info has an unexpected value.

Probable Cause:

The data has been corrupted or a new congestion type was introduced without the corresponding text changes.

113. PSCOPCTRBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An outgoing MSU is destined to go out of the office on a linkset that is directly connected to an OLO but there is no match for the DPC in the MSU in the CCITT7 PHDA OLO indicator table, indicating that the MSU is NOT destined to an OLO. Either the CCITT7 PHDA tables are inconsistent or a national office is using an OLO as a signaling transfer point to signal to a national office. The MSU is discarded.

114. PSCOPCUNTBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The MSU is retrieved from the level 2 retransmission buffer of a link that is directly connected to an OLO but the MSU is not destined to an OLO. This is due to either the craft altering the CCITT7 PHDA data since the MSU has been in the Level 2 Retransmission buffer or an error in the data. The MSU is discarded.

115. PSCPCLENBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Point code has length other than 14, 16, or 24.

Probable Cause:
Data corruption.

Action:
Peg static error count.

116. PSCPHTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid channel type on a protocol handler (PH) for CCITT7 level 2 system process.

117. PSCPURG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The CCITT7 level 3 signaling message handling system process was purged while updating the CCITT7 PHDA dynamic data. The PHDA static data may have been corrupted when the system process was purged.

118. PSCRCNGST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid receive congestion state.

119. PSCREFDYDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Reached threshold of attempts to refresh CCITT7 PHDA dynamic data.

120. PSCRTBCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The value of PScLv2.rtb_cnt is unexpectedly zero.

121. PSCSEQCHK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The CCITT7 PHDA dynamic data update message received by the CCITT7 L3 SMH system process is out of sequence. A refresh of the CCITT7 PHDA dynamic data is requested.

122. PSCSMHUNRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return code from a CCITT7 level 3 SMH function.

123. PSCSNMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A locally generated CCITT7 signaling network management MSU cannot be routed as there is no match for the DPC in the MSU in the CCITT7 PHDA DPC to linkset table. The MSU is discarded and a refresh of the CCITT7 PHDA dynamic data is requested.

124. PSCSPREAS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 L3 SMH system process was entered with an invalid reason.

125. PSCSPYRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid SPYDER error return.

126. PSCSPYRSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A return value of PSRESRCE was returned from PSspxmit - the SPYDER channel transmit function. This indicates that the frame could not be transmitted because of no available transmit frame descriptors.

127. PSCSZOMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The size of the output message passed to Slttymsg() is out of range.

128. PSCTCNGST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid transmit congestion state.

129. PSCTMRINT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interval requested by a cyclic timer invocation (OSCTIMER) is out of range.

130. PSCTMRTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to start timer due to unexpected error return from OSTIMER.

131. PSCUNGTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return from OSWGETTYPE() to the CCITT7 L3 SMH system process. A refresh of the CCITT7 PHDA dynamic data is requested.

132. PSCUNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return from OSWGETMSG() to the CCITT7 L3 SMH system process.

133. PSCUNRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read tuple from CCITT7 PHDA table due to unexpected failure return from PHDA read function. MSU discarded.

134. PSCUNUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsuccessful return from CCITT7 PHDA dynamic table update functions. A refresh of the CCITT7 PHDA dynamic data is requested.

135. PSCUNWAIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return received from OSWAIT() by the CCITT7 level 3 signaling message handling system process. A refresh of the CCITT7 PHDA dynamic data is requested if the dynamic data initialization and update method is via OSDS messages.

136. PSCUPDPC2LS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 PHDA DPC to linkset table update specified for incorrect number of tuples. CCITT7 PHDA dynamic data refresh is requested.

137. PSCUPSLC2PH (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 PHDA signaling link code (SLC) to ST-PH table update specified with no SLCs indicated to be updated. A

refresh of the CCITT7 PHDA dynamic data is requested.

138. PSCUPSLC2PH (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CCITT7 PHDA SLC[®] to ST-PH table update specified with no SLC[®]s indicated to be updated. A refresh of the CCITT7 PHDA dynamic data is requested.

139. PSCUPTYBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CCITT7 PH dynamic data update method as indicated by the variable CCphupty is incorrect. An SI macro will be called to assert the PH's error lead.

140. PSCWMSGR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown return value received from OSWGETMSG in the CCITT7 level 2 system process.

141. PSCXMITRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid return from PScI2xmit.

142. PSDCDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DCDB	Audit Mode: elev

Problem:

A field of the DCDB was in error.

Probable Cause:

Inconsistent data.

Action:

Assert schedules DCDB audit to run.

143. PSDMAPBDERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BD	Audit Mode: nonseg

Problem:

The direct memory access (DMA) processor detected a problem with buffer descriptors (BDs) that are to be transmitted out the SPORT to the subscriber. Either a BD had the nextbd field as PSNULLOFF and did not have the end of file (EOF) bit set, or the linked list of BDs associated with the transmit frame descriptor (TFD) was greater than the maximum length of BDs for a frame.

144. PSEBADCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to release an access link control block (ALCB) or logical channel control block (LCCB) with an index that was out of range.

145. PSEBADLCCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A logical channel control block (LCCB) was seized, but no slot was available for the LCCB index in the access link control block (ALCB).

146. PSEBADMSGID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A discrepancy was found in a message ID field for a packet that timed out while waiting for a route response.

147. PSEBADPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol handler (PH) number was returned from the inter-SM routing table.

148. PSEBADRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid return data was received from the PSsendmsg() function or the PSwist_rout() function when requesting routing data for an incoming, interswitch call request packet (CREQUEST) or permanent virtual call setup packet (CPVC_SETUP). The route response message type might be incorrect.

149. PSEBADSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid destination SM number that was returned in the route response message was passed to the inter-SM packet transport (ISMPT).

150. PSECBDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid return from a GPHDA primitive while accessing an ECIS6 table. The remotely generated MSU will be discarded since it is impossible to continue processing it.

151. PSECMXBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The buffer is not large enough to hold the MSU plus the 4 byte ECIS6 header. The remotely generated MSU is discarded since it is impossible to continue processing it.

152. PSECNSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the CCNSC_DPC table in the PH while trying to read the table with a linkset or NSC index key. For incoming ECIS6 MSUs from the NSC, the linkset that is used as the key into the CCNSC_DPC table comes from the CCNA7_LS table. Since both the CCNSC_DPC and CCNA7_LS tables in the PH are built from static relations in the SM, the error lead will be hit for this PH since the data in this PH must be corrupted. (It is assumed that the static data is correct.) For outgoing ECIS6 MSUs, the NSC index that is used as the key into the CCNSC_DPC table comes from the buffer that was passed from call processing. Since the CCNSC_DPC table in the PH is built from the static relation RLNSC_DPC in the SM and the passed NSC index comes from the sl_group attribute of the static relation RLLAB6_PRT in the SM, it is assumed that the static data is correct and the data tables in the PH are corrupt. Therefore, the error lead for the PH is hit.

If this assert happens consistently, a verification of the ODD (relations RLLAB6_PRT and RLNSC_DPC) must be done. The MSU will be discarded since it is impossible to continue processing it.

153. PSECSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the CCNSC_SM table in the PH. The keys to the CCNSC_SM table are 1) the NSC index, 2) the band and 3) the band member. The NSC index comes from the CCNSC_DPC table in the PH. The band and band member come from the incoming MSU from the NSC. Since part of the key comes from the incoming MSU, the PH error lead will not be hit to remove the PH. If this assert happens consistently, a verification of the ODD for data between the 5ESS® and the NSC must be done. The band and band member assignments must be the same and if they are not, then this assert will fire. The remotely generated MSU will be discarded since it is impossible to continue processing it.

154. PSELINKAGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Access link control block (ALCB) to logical channel control block (LCCB) linkages were incorrect.

155. PSENDPTINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid QLPS/QPH endpoint has been detected.

Probable Cause:

Unknown.

Action:

Unknown.

156. PSENOL3T (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

No level 3 timers are available to time a route request for an incoming, interswitch, packet-switched call or permanent virtual call (PVC). Timers are probably being used for something other than their intended use.

157. PSG_CAMPON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The campon flag in the access link control block (ALCB) was enabled while processing level 3 data changes.

158. PSG_DATACHG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Level 3 data changes for the group alerting circuit (GAC) were made while the access link control block (ALCB) was in the r1, r2, or r3 state. This is invalid for GAC. Level 3 data changes for GAC can only be made when the link is out of service.

159. PSG_LSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol state was found in a logical channel control block (LCCB) while processing a link procedure.

160. PSG_TIMINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer for a link procedure was linked to the access link control block (ALCB), when it should have been canceled.

161. PSICHANTYPE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler (PH) channel type (phctype) was invalid.

162. PSINCON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistent internal protocol (IP) protocol state was found. A call was queued when the IP protocol state was not NO.

163. PSINETERR (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error condition has been detected by the 5ESS[®] switch TCP/IP platform.

Probable Cause:

In general, asserts are not expected out of the 5ESS® switch TCP/IP platform. Probable causes include provisioning or software errors. Data dumped as part of the assert include a 16-bit error type and additional supporting data. The error type values are enumerated in the sourcefile ps/PNinet/PNrepterr.h.

Action:

Forward assert report to 5ESS® switch TCP/IP platform development.

164. PSINVCALI (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid attribute value was found in a CAL_INFO entry.

Probable Cause:

Software problem or data corruption.

Action:

Provide data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

165. PSINVFAR_DATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Errors were found while accessing the failure adaptive routing (FAR) table in the protocol handler (PH). Either the FAR table un-initialized or invalid data was in the table.

166. PSINV_FUNC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid function was called based on the image (IACCPH or IGATEPH) that was loaded in the protocol handler (PH). A stub function in that image was called. Stub functions were added to the code as part of the protocol handler 2 (PH2) memory mining capability. This indicates a possible error, since stub functions should not be called.

167. PSINVIPHDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The destination protocol handler (PH) field or the destination SM field of the internal protocol (IP) header was corrupted. The IP header is dumped.

168. PSINVIPT_DATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Errors were found while accessing the internal protocol (IP) trunk data function PSipt_mod() or PSnpsn_idx() in the protocol handler (PH). Either the table was not initialized or an invalid value was found.

169. PSINVLLCBIDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The LLCB index is out of range.

Probable Cause:

Invalid destination endpoint or network

Action:

None, return to the caller or continue processing next destination endpoint.

170. PSINV_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A unexpected message has been received. The content of message is dumped.

Data Structures:

None.

Action:

None.

171. PSINVPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid parameters were passed to a function.

172. PSINVPKT (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function that expects an X.25 call request packet was passed another type of packet. The packet is dumped to the ROP.

Probable Cause:

Software problem.

Action:

Provide ROP data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

173. PSINVPVMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid CDMA internal message type was received in a PSPTPV_I packet.

Probable Cause:

Field incorrectly set by sending processor.

Action:

None.

174. PSINVQLNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCENDPT	Audit Mode: elev

Problem:

The retrieved destination endpoint's preferred network PSqlnetwork[] contains invalid state during the QPH message retrieval procedure.

Probable Cause:

By invalid destination in the QPH retrieval request message, or by invalid preferred network update in the QPH.

Action:

Start QLLCB audit, and continue processing the retrieval procedure for the next endpoint.

175. PSINVRATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid (out-of-range) bandwidth (DSL rate) was encountered.

Probable Cause:

Corrupted data.

Action:

None.

176. PSIPD001 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected timer timeout occurred.

177. PSIPD002 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code failed to start a protocol timer. The call cannot continue because each packet services (PS) call requires at least one running timer.

178. PSIPD003 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code failed to cancel a protocol timer. The logical channel control block (LCCB) or the timing structure was corrupted. The call cannot continue because each packet services (PS) call requires at least one running timer.

179. PSIPD004 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code failed to restart a protocol timer. The call cannot continue because each packet services (PS) call requires at least one running timer.

180. PSIPD005 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code failed to restart a timer via the PSASTART() macro. Without a timer, the packet services (PS) call is lost.

181. PSIPHDRINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSp_dind() function received an unexpected processor ID. If the PSwrcv() function called this assert, a corrupted IP header was found. This occurs during or shortly after an SM initialization if inter-SM packet calls are attempted during an SM initialization.

After the protocol handlers (PHs) are initialized, the SM must update dynamic routing data in all PHs. If inter-SM packet calls are attempted before this update is complete, then uninitialized data was used to populate the IP header. The switch will correctly handle the corrupted packet through retransmissions while the PH dynamic data is updated.

If the SMs and their peripherals have been initialized and operating stably for several minutes, and this assert continues to fire, then an error condition has occurred that must be investigated.

182. PSIPV001 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The X.25 access capability (XAC) called the internal protocol (IP) code with a packet type that was inconsistent with the IP state.

183. PSIPV002 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code failed a to-from check with the access link control block (ALCB). The call was lost. The logical channel control block (LCCB) was implicated by the tracks variable.

184. PSIPV003 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code found an inconsistent retransmit queue in the logical channel control block (LCCB). The call was lost.

185. PSIPV004 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code found an inconsistent holding queue in the logical channel control block (LCCB). The call was lost.

186. PSIPV005 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The internal protocol (IP) code found a corrupted logical channel control block (LCCB). The call must be cleared.

187. PSIQBADIFD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the process of updating the link access protocol D (LAPD) multiframe state variable V(A), the first internal frame descriptor (IFD) in the IFD queue (I-queue) had an invalid backward pointer.

188. PSISQPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OSDS message which is not a power-off message was received by the CCITT level 2 system process in a PH3 which is a QPH. The message will be dumped to the ROP.

189. PSKBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message or message type was received by the packet services (PS) automatic message accounting (AMA) billing process in the protocol handler (PH).

190. PSKBADPTRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The pointers for storing billing information in the protocol handler (PH) billing buffer were corrupted.

191. PSKINVPOLL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid polling message was received from the SM.

192. PSKINVRATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid packet services (PS) automatic message accounting (AMA) rate period value was received from the SM.

193. PSKINVRCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid billing information was stored in the packet services (PS) automatic message accounting (AMA) billing buffer in the protocol handler (PH).

194. PSKINVRSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet services (PS) automatic message accounting (AMA) billing process in the protocol handler (PH) was entered with an invalid start up reason.

195. PSKINVSGSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid packet services (PS) automatic message accounting (AMA) office segment size was received from the SM.

196. PSKSDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in sending the packet services (PS) formatted billing records to the SM.

197. PSL2BADLNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The link pointer had unexpected, invalid information; that is, an invalid service access point identifier (SAPI) or terminal endpoint identifier (TEI).

198. PSL2CHANTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler (PH) channel type (phctype) was invalid.

199. PSL2NOLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel was on, but no logical link control block (LLCB) was found when one was expected.

200. PSL2PARMINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed.

201. PSL2PROTOTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical link control block (LLCB) was out of range, indicating that an invalid protocol was found.

202. PSL2PTCHECK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back check between the access link control block (ALCB) and logical link control block (LLCB) failed.

203. PSL2UNEXLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected link was found.

204. PSL3HCTE (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TL	Audit Mode: nonseg

Problem:

A check of the first and last headcells against the owner field of the timer elements indicated by the first or last headcell failed. This is a data inconsistency, an audit will be called to clean up the problem. The audit purges any structures listed in the tracks variables, a set of global parameters that indicate the logical link control block (LLCB), access link control block (ALCB), and logical channel control block (LCCB) that were used for this call.

205. PSLANDPX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the PSwgetact() function, neither local area network (LAN) could initialize after a successful protocol handler (PH) data preserving (DP) switch.

206. PSLANFAIL (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

During a protocol handler (PH) switch, the local area networks (LANs) did not initialize.

207. PSLCCBINVIDX (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A invalid LCCB index was found in a timeout function, where the LCCB index is stored in udata.

208. PSLCQBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LCCB	Audit Mode: nonseg

Problem:

An error was found in the logical channel control block (LCCB) queue off the D-channel control block (DCCB). The LCCB audit is scheduled.

209. PS_LL2AL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back check from the logical link control block (LLCB) to the access link control block (ALCB) failed. The packet switching link will be re-initialized.

210. PSLLCBINVIDX (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A invalid LLCB index was found in a timeout function, where the LLCB index is stored in udata.

211. PSLLCBLKERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CCENDPT	Audit Mode: elev

Problem:

There are IFD in-window and/or out-window linkage errors in a LLCB.

Action:

Run demand audit AUCCENDPT.

212. PSLSSMERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read error for CCITT6 static table, CClls_sm[]. Print the PSS6SU structure containing the current CCITT6 message and the return code from CCrdtup().

213. PSLNKLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseg

Problem:

The point-to/point-back check of a link access protocol D (LAPD) logical link control block (LLCB) found a corrupted linkage.

214. PSLNKRTDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: RTDB	Audit Mode: nonseg

Problem:

The linkages of the routing data block (RTDB) at the head of the free list were out of range.

215. PSLPBK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal type of loopback request was received by QPHFR-PH.

216. PSLSBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read failure for CCITT6 dynamic table, CCIsb_ph[]. Print the PSS6SU structure containing the current CCITT6 message and the return code from CCrdtup().

217. PSMDBADPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A calling application to message delivery transport has passed an invalid parameter (either destination SM, PH or PH channel number) to one of it's service functions. The MSU is discarded.

Probable Cause:

The problem lies with the application that is attempting to send a MSU. It is calling the message delivery function with an invalid parameter.

Action:

The MSU and the asserting functions passed parameters, which includes the invalid parameter, will be dumped to the ROP. The function backtrace should be used to determine the calling application.

218. PSMDLPHERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message delivery transport has been called to transmit a MSU, however the logical PH number of the PH it is executing on is out of range.

Probable Cause:

The calling application is executing on a standby PH, or the global data variable PSIpnum has been corrupted.

Action:

The MSU will be dumped to the ROP. The function backtrace should be used to determine the calling application.

219. PSMDRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read to the message delivery PHDA table failed. Erroneous data returned or the read failed.

220. PSNA7STUB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The North American signaling system 7 (NA7) signaling traffic and route management (STRM) is stubbed out in the US loadline. In the US loadline, the generalized STRM is used for CCS7 signaling.

Probable Cause:

Data corruption or software bug.

Action:

Provide data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

221. PSNABADCALL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected caller of the North American version of CCITT7 (CCS7) level 3 signaling message handling (SMH) outgoing routing function. The MSU is discarded.

222. PSNADYBUFF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency has been detected with the buffering flag in the North American version of CCITT7 (CCS7) dynamic data. The buffer flag is set in the DPC to link set table or loadsharing table for an MSU retrieved from the level 2 retransmission buffer. The MSU is discarded. A count of dynamic data errors is pegged.

223. PSNAECBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A locally generated North American version of CCITT7 (CCS7) embedded CCIS6 (ECIS6) MSU cannot be routed as there is no match for the DPC in the MSU in the CCS7 DPC to link set table. The MSU is discarded.

224. PSNAERWAIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return received from OSWAIT() by NA CCS7 level 3 signaling message handling system process.

225. PSNALS2SLC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link set or signaling link code (SLC) obtained from the appended routing data of the locally generated MSU is out of range. The MSU is discarded.

226. PSNANMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A locally generated North American version of CCITT7 (CCS7) signaling network management MSU cannot be routed as there is no match for the DPC in the MSU in the CCS7 DPC to link set table. The MSU is discarded.

227. PSNANOAPD2PH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Locally generated MSU cannot be routed as there is no match in the North American version of CCITT7 (CCS7) signaling link code (SLC) to STPH table for the appended routing data. The MSU is discarded.

228. PSNANODPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A locally generated North American version of CCITT7 (CCS7) signaling network management MSU cannot be routed as there is no match for the DPC in the MSU in the CCS7 DPC to link set table. The MSU is discarded.

229. PSNANOLDSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No entry in North American version of CCITT7 (CCS7) loadsharing table for the link set obtained from the CCS7 DPC to link set table. The MSU is discarded.

230. PSNANOSTPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either there is no entry or no available links in the North American version of CCITT7 (CCS7) signaling link code (SLC) to ST-PH table for the link set obtained from the CCS7 DPC to link set table. The MSU is discarded.

231. PSNAPHLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No entry in the North American version of CCITT7 (CCS7) link set and member table for the logical PH number. The MSU is discarded.

232. PSNASCBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A locally generated North American version of CCITT7 (CCS7) signaling connection control part (SCCP) MSU cannot be routed as there is no match for the DPC in the MSU in the CCS7 DPC to link set table. The MSU is discarded.

233. PSNASMHRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected return code from a North American version of CCITT7 (CCS7) level 3 signaling message handling (SMH) function.

234. PSNASPREAS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The North American version of CCITT7 (CCS7) signaling message handling (SMH) system process was entered for an unknown reason.

235. PSNAUNMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected message is received by NA7 SMH system process.

236. PSNAURET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read tuple from North American version of CCITT7 (CCS7) PHDA table due to unexpected failure return from PHDA read function. The MSU is discarded.

237. PSNETINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid QLPS/QPH network number has been detected.

Probable Cause:

Interface problem.

Action:

Correct the interface.

238. PSNOALDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A link change was requested on a user without a packet.

239. PSNOLLCB (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to allocate a link access protocol D (LAPD) logical link control block (LLCB) could not be served due to resource exhaust; that is, no resources were available. Recovery action is a protocol handler (PH) packet services (PS) initialization.

240. PSNOT3XX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to start a level 3 T3xx timer, but a NULL value was returned. This may have happened during a selective initialization, an audit will clean up the problem.

241. PSOCBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the Q931 message overload control function OCmsgovld().

242. PSPH2A_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid function was called in the protocol handler 2 (PH2) ACCESS image; that is, a stub function was called. This indicates a possible data and/or software error, since the stub function should not be called. This stub function was developed as part of the redefine PH2A feature content capability which removed all X.25 packet switching functionality from the PH2 ACCESS image.

243. PSPHAXER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A hardware error occurred when activating a protocol handler (PH) in a PH data preserving switch.

244. PSPHDABAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This will indicate that PHDA encountered an unrecoverable error while attempting to read one of the following tables:

- 1) CCdpcls_ht[]
- 2) CCicpol_ht[]
- 3) CCicrtg_ht[]
- 4) CCogpol_ht[]
- 5) CColoind_ht[]
- 6) CCTrdpc_ht[]
- 7) CCTropc_ht[]

The PH error lead will be asserted via a SI macro. This assert had to be defined in the ps subsystem as it is called from a macro which is called from ps subroutines.

245. PSPHESER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A hardware error occurred when attempting to bring up a protocol handler (PH) as a spare when escalating from a failed PH data preserving switch.

246. PSPKTBNB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Packet binding was initiated on an inappropriate channel or terminal endpoint identifier (TEI).

247. PSPPDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: PPDB	Audit Mode: elev

Problem:

A field of the PPDB was in error.

Probable Cause:

Inconsistent data.

Action:

Assert will schedule audit to run.

248. PPSUPATH (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected data is received when operating on a PSU path request.

Data Structures:

MGPSUPATH message.

Action:

Possible data corruption in per port data that uses a PSUPATH.

249. PSQBADBCAST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QPH Level 2 error - Bad broadcast packet received over a pipe.

Probable Cause:

Unknown.

Action:

Provide data to next level of support.

250. PSQBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid type OSDS message was received by QPHFR-PH. The message will be dumped to the ROP.

251. PSQBADRAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message received with incorrect destination. Destination not equal to this endpoint.

Probable Cause:

Implicates the distant-end's routing data.

Action:

None.

252. PSQBADSTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected stimulus received by QPHFR-PH.

253. PSQINVDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid error type received in PSql_erhldr().

Probable Cause:

Unknown.

Action:

Provide data to next level of support.

254. PSQLML2BLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QPHFR-PH received a loopback request with a bad current QLlmbd state of QLML2BLK.

255. PSQLMOOSL1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QPHFR-PH received a loopback request with a bad current QLlmbd state of QLMOOSL1.

256. PSQLV2RESTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Level 2 has been restarted on one of the QLLs.

Probable Cause:

One of the following error cases has been reported to PSql_erhldr():

SMQTXRETRY: Exceeded retry limit for RR frames.

SMQTINVPF: Frame received with incorrect P/F bit.

SMQTINVCR: Frame received with incorrect C/R bit.

SMQTUNKPKT: Frame received with unknown packet type.

SMQTUNKFRM: Frame received with unknown frame type.

SMQTINCPKT: Frame received with inconsistent frame/packet type.

SMQTRESTART: Far end requested level 2 restart.

SMQTUXPFRM: Unexpected frame type received.

SMQTUXPPKT: Unexpected packet type received.

SMQTUXPSEQ: Unexpected (but in range) sequence number received.

SMQTFRAMREJ: Frame reject (out of range sequence numbers).

Action:

Provide data to next level of support.

257. PSQPH1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OSDS message was received by QPHFR-PH on a PH1. A PH1 cannot be a QPH and should not receive messages in QPHFR-PH. The message will be dumped to the ROP.

258. PSQPHLNKL3INV (5E14 and later)

Recovery Action: spp	SPP: n	Audit: QPHLNK	Audit Mode: nonseq

Problem:

A QPHLNK layer 3 range check fault occurred.

Probable Cause:

Either an invalid QPHLNK L3 state range or invalid networks states combination occurred.

Action:

Assert has scheduled the QPHLNK layer 3 audit to run.

259. PSQQUEFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

QLL IFD queue full.

Probable Cause:

Resource exhaustion due to IFDs not being returned, or performance max.

Action:

Provide data to next level of support.

260. PSQUNKENDPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempt to talk to un-equipped/un-connected endpoint.

Probable Cause:

Dynamic routing data is corrupt.

Action:

None.

261. PSRBADVC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The active virtual call (VC) count in the access link control block (ALCB) was greater than zero when the ALCB was requested to be returned to the free pool.

262. PSRESREC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseg

Problem:

An inconsistency was found in the internal frame descriptor (IFD) queue linked to the resource recovery list logical link control block (LLCB).

263. PSRIPKT_BPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal protocol (IP) routable packet [e.g., call request, permanent virtual call (PVC) setup, PVC migration, reconnect request] using an IP trunk, cannot be forwarded to the destination switch due to a network path problem.

This could be due to one of two events.

1. A looping condition; that is, a switch receiving an already transmitted packet.
2. A max hop count condition; that is, this packet traveled the maximum allowable hops and this switch is not the destination.

Action:

In case 1, the problem may be caused by incorrect office dependent data (ODD) in this switch.

These problems could be a symptom of IP network problems caused by poor network ODD design or incorrect network configuration. Network planners and designers must review the data provided by this event to rectify either the packet trunk ODD in the network switches involved, or the network configuration design.

264. PSRTDBHD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PSHC	Audit Mode: nonseg

Problem:

A corrupt linkage was found in the routing data block (RTDB) headcell.

265. PSRUNTGUARD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SCCP-CO FSM driver receives invalid messages while Tguard timer is running.

Data Structures:

PSINT_MSG: Whole message is dumped.

PScxn[cxn_idx] Whole connection entry.

Action:

If this happens several times in short period of time, call field support personnel.

266. PSSCBDCV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad conversion of ASCII dialed digits to binary. MSU is returned to user part.

267. PSSCBDMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Internal error in message from DCIS6 interworking. MSU is discarded.

268. PSSCBDRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad return from PHDA primitive when accessing an SCCP table. The MSU is discarded.

269. PSSCBDTB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistency found in SCCP PH tables. The PH will be re-initialized.

270. PSSCBDYN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad return from PHDA primitive when accessing an SCCP table. An SCCP dynamic refresh is requested.

271. PSSCBUDT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error encountered in formatting the SCCP UnitDaTA message.

272. PSSCBUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid action field in the SCCP update message (mgSCCPUPD) that was sent from SCCP management in the SMP to the PH(s).

273. PSSCPBADATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Out-of-range data read from SCCP static data table.

274. PSSCPBDMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was read while processing an SCCP message. This value may be the sccp type or the sccp state. The corrupted value and the message are dumped.

275. PSSCUDPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An outgoing signaling connection control part (SCCP) MSU has been received in the MD PH from SCCP management. in the global SM. SCCP management has already determined the destination point code (DPC) for the MSU. If that DPC cannot be found in the MTP tables in the PH that list the known DPC's then this assert will fire. Either the MTP DPC tables are wrong or SCCP management is trying to send an MSU to an unknown destination.

276. PSSCUSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A incoming MSU for CCS7 contains a signaling connection control part (SCCP) subsystem that is unknown at this office. If the return bit in the MSU is set, the MSU will be returned to the sending office, but this assert will alert craft at this office of a potential problem. Either some other office in the network is sending MSU's with unknown subsystems or the static SCCP data in the global SM at this office does not contain a needed SCCP subsystem.

277. PSSGATOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler 3 (PH3) subgate code timed out while waiting for ownership of a channel queue.

278. PSSGCHFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected failure was returned to the PH application processor from an interface function with the IOP.

Probable Cause:

Unknown.

Action:

Repeated occurrence should cause escalation to PH init.

279. PSSGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While powering on a Qpipe, one of the subgate functions, PSsgprof() or PSsgchon(), returned a failure code. The pipe will be powered back off.

280. PSSGITOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler 3 (PH3) SPORT driver code timed out while waiting for ownership of a channel queue.

281. PSSGRFDBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: RFD	Audit Mode: nonseg

Problem:

A packet services (PS) subscriber gateway synchronous/asynchronous protocol data formatter (SPYDER) receive frame descriptor (RFD) error occurred. This indicates an RFD linkage error, a problem with the contents of an RFD, or both.

282. PSSGTFDBAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TFD	Audit Mode: nonseg

Problem:

A packet services (PS) subscriber gateway synchronous/asynchronous protocol data formatter (SPYDER) transmit frame descriptor (TFD) error occurred. This indicates a TFD linkage error, a problem with the contents of a TFD, or both.

283. PSSPYERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSspyinth() function returned an unidentified error.

284. PST3BADHDC (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TL	Audit Mode: nonseg

Problem:

An invalid headcell was found on the layer 3 timing list.

285. PST3BADOWN (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TE	Audit Mode: nonseg

Problem:

An invalid list owner index was found in a layer 3 timing element.

286. PST3CTMBAD (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The current hi time indicator (a level 3 protocol current time indicator that runs as a 30 second incrementing timer) was out of range. The valid range is between PST3HISTART and PST3HIEND. The indicator serves as an index into the level 3 hi timing list headcells in the PST3head[] array.

287. PST3CTYPEBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A capability parameter was passed that was not recognized. This parameter defines the entry point that will be used to deliver a timer timeout.

288. PST3DELAYBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A level 3 timer delay that was larger than the code can handle was requested. The delay will be changed to "0", resulting in an immediate timeout.

289. PST3EXLL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

While updating the level 3 lo timer list, circularly linked logical link control blocks (LLCBs) were encountered.

290. PST3EXTE (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TE	Audit Mode: nonseg

Problem:

Circularly linked level 3 timer elements were encountered while trying to increment the level 3 hi timer list.

291. PST3FLNKBAD (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TE	Audit Mode: nonseg

Problem:

An invalid linkage was found for a timer element. The timer element was the first element on the timer list. The linkage between the headcell and the timer element was incorrect.

292. PST3HLNKBAD (5E11 to 5E12)

Recovery Action: si	SPP: n	Audit: L3TL	Audit Mode: nonseg

Problem:

The headcell validation between the tail of the headcell and the timer element it was pointing to failed. The timer element did not think it was last on the list. An attempt will be made to rebuild the headcell. This error occurred during the check just before linking a new element to the end of one of the level 3 timer lists.

293. PST3L2CHK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back check of the access link control block (ALCB) to the logical channel control block (LCCB) found the linkage to be corrupted. This occurred during timeout processing.

294. PST3L3CHK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back check of the access link control block (ALCB) to the logical channel control block (LCCB) found the linkage to be corrupted. This occurred during timeout processing.

295. PST3LLNKBAD (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TE	Audit Mode: nonseg

Problem:

An invalid linkage was found for a level 3 timer element. The timer element was the last element on the timer list.

The linkage between the headcell and the timer element was incorrect.

296. PST3LOTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When moving timer elements from the hi level 3 timer list to the lo level 3 timer list, the lo_offset was out of range.

297. PST3MBLNKBAD (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TE	Audit Mode: nonseq

Problem:

An invalid linkage was found for a level 3 timer element. The timer element was in the middle of the timer list. The incorrect linkage was in the backward linkage to the previous timer element.

298. PST3MFLNKBAD (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TE	Audit Mode: nonseq

Problem:

An invalid linkage was found for a level 3 timer element. The timer element was in the middle of the timer list. The incorrect linkage was in the forward linkage to the next timer element.

299. PST3OFLDBAD (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L3TL	Audit Mode: nonseq

Problem:

The timer element owner field did not match the owning list.

300. PST3PARMBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid index parameter was passed when requesting a level 3 timer or checking on level 3 timers. The parameter was for an access link control block (ALCB), logical channel control block (LCCB), or protocol handler (PH) wide timer index.

301. PST3RUNA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Layer 3 timers were not stopped prior to the application returning an access link control block (ALCB) to the free list.

302. PST3RUNL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Layer 3 timers were outstanding on a logical channel control block (LCCB) while the application was returning the LCCB to the free pool.

303. PST3TAGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range timer tag was passed in the function call. No timer element existed.

304. PST3TMRERR (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: PSTELEM	Audit Mode: elev

Problem:

Starting a T3 timer failed.

Probable Cause:

Lack of resources (timer resources exhausted).

Action:

Assert will schedule timer audit to run.

305. PST3TMRERR (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: L3TE	Audit Mode: elev

Problem:

Starting a T3 timer failed.

Probable Cause:

Lack of resources (timer resources exhausted).

Action:

Assert will schedule timer audit to run.

306. PST3TRUNBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The timer tag passed in either the PSt3_stop() or PSt3_restart() function call was not running or was not on the timeout list. The timer cannot be stopped or restarted.

307. PST3TTYEBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A level 3 timer type parameter was passed that was out of range.

308. PST3XXALCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSxt3xxstart() function received an access link control block (ALCB) index parameter that was NULL. The T3xx timer could not be started. An audit will check this timer later.

309. PST3XXLLCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When the PSxtdtstart() function was preparing to start a T3xx timer, no logical link control block (LLCB) was found for the defined channel. This occurred during a selective initialization of the protocol handler (PH). An audit will correct the problem.

310. PST3XTMR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid level 3 timer was running when a T3xx timer should have been started. This may have happened during a selective initialization, an audit will clean up the problem.

311. PSTCCOPER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Transaction capabilities application part (TCAP) function PStcapog() has received a message and a message length from a calling MD function. PStcapog has copied the BDs into a buffer using function PSbd2blk(), but the copied length is different than the message length passed to PStcapog() as a parameter. The following data will be displayed:

Passed message length
Copied message length.

Action:

No action is required. This assert is for information purposes only.

312. PSTCINDBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SCCP-TCAP interface function received an invalid indication type parameter.

Probable Cause:

The calling function passed an invalid indication type.

Action:

The indication type parameter is dumped to the ROP. This information should be used for debugging purposes.

313. PSTCMSEXC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Transaction capabilities application part (TCAP) has received a message on a PH, from a local application, whose length exceeds the maximum length allowed. The following local data will be dumped: Message type and a number to indicate where in the function the assert was called.

Action:

No action is required. This assert is for information purposes only.

314. PSTCUSSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SCCP-TCAP interface function received a subsystem number (SSN) that does not have an entry in the CCSCCPLSSN PHDA table.

Probable Cause:

No entry in PHDA table for a valid SSN, or an invalid SSN is present in the message passed to the SCCP-TCAP interface function.

Action:

The CCLSSN structure (which contains the SSN key) and the return code from CCrdtup() are dumped to the ROP. Check the validity of the SSN. If the SSN is valid, check if the SSN has a tuple in the rISSN_USER relation in the global SM (GSM).

315. PSTIMFLR (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer required by the link access protocol type D (LAPD) resource recovery list processing cannot be started. This should result in an internal initialization of the protocol handler (PH).

316. PSTOINJ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected capability type was received from the switching module processor (SMP).

317. PSUNEXLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseg

Problem:

An unexpected link access protocol D (LAPD) logical link control block (LLCB) index was found in the LLCB management control structures.

318. PSUNKNHSHPKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicated that an unknown packet type was received. This assert should be followed by a data dump of the packet.

319. PSUNTMRTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected timer tag found in SMH system process Unknown timer expired

320. PSUNXPPFRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A frame was unexpectedly delivered to the PH application processor (AP) for a CDMA packet pipe channel.

Probable Cause:

Unexpected Input/Output processor action.

Action:

AP code will attempt corrective action.

321. PSUNXPROC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSp_dind() function received an unexpected processor ID. If the PSwrcv() function called this assert, a corrupted IP header was found. This occurs during or shortly after an SM initialization if inter-SM packet calls are attempted during an SM initialization.

After the protocol handlers (PHs) are initialized, the SM must update dynamic routing data in all PHs. If inter-SM packet calls are attempted before this update is complete, then uninitialized data was used to populate the IP header. The switch will correctly handle the corrupted packet through retransmissions while the PH dynamic data is updated.

If the SMs and their peripherals have been initialized and operating stably for several minutes, and this assert continues to fire, then an error condition has occurred that must be investigated.

322. PSVMRNG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global data that contained the number of entries used by the automatic message accounting tracer (AMATRC) was corrupted. Since this data is globally accessible, another process probably wrote over it.

Action:

The global data will be reset.

323. PSWBDRSN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was received for creating the inter-SM protocol handler (ISMPH) alternate routing system process.

324. PSWBINVCXN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An n-connect-confirm primitive was received from SCCP with more than 128 bytes of user data.

Data Structures:

PSINT_MSG: Whole message is dumped.

PScxn[cxn_idx]: Entire connection entry.

Action:

None.

325. PSWBINVLEN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by BSSAPI that had an incorrect length.

Data Structures:

DMUSHORT length: Length of packet received.

DMUSHORT length: Length of translated packet.

Action:

None.

326. PSWBINVMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by BSSAPI that contained unexpected data. This may have been an invalid paging request type, an invalid n-primitive type, or a message that was too long.

Data Structures:

PSWPHMSG or PSWSMMSG: whole message is dumped

Action:

None.

327. PSWINVDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found by an inter-SM (ISM) function.

328. PSWINVMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the inter-SM protocol handler (ISMPH) alternate routing system process.

329. PSWINV PARA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to an inter-SM (ISM) function.

330. PSWOSWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the inter-SM (ISM) function OSwait().

331. PSX_ACTION (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action was received while processing a level 3 link procedure.

332. PSX_ALTIM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to start a level 3 timer to process a link procedure, but the timer returned a null value. The packet link (P-link) will be purged.

333. PSX_ARETIM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to restart a timer for a level 3 link procedure. The link will be purged since link procedures depend on the timer being started.

334. PSX_ATYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid R state was found in the access link control block (ALCB) while processing the level 3 X.25 access capability (XAC).

335. PSX_BADTDOWN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A link teardown was in progress. The user data type PSXT_CHANRMV was received while the state was not R2 or R4.

336. PSX_INMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received from the switching module processor (SMP).

337. PSX_INVACT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The X.25 access capability (XAC) encountered an invalid "action to take" value from the PSxrchk_state or PSxschk_state tables. This occurred in the PSxnot() function or the PSxsnot() function.

338. PSX_INVUD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSxltimout() function received invalid user data.

339. PSX_LCTIM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to start a level 3 timer for a logical channel control block (LCCB) during level 3 processing.

340. PSX_LSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol state was found in the protstate field of the logical channel control block (LCCB) while processing a logical channel.

341. PSX_MSGER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The X.25 access capability (XAC) attempted to send a message using the PSsendmsg() function, but PSsendmsg() returned PSERROR. The processing will complete.

342. PSX_NOHUNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A flag in the write protect data stored in the protocol handler (PH) states that this is a multi-line hunt group (MLHG) link; however, there are no huntable logical channel ranges. Huntable ranges are from the low one way incoming channel range to the high two way logical channel range. There were no logical channel ranges for either one way or two way channels.

343. PSX_PMD_ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSi2thrsd.x75pmd numbering plan mode of operation parameter was not equal to any of the valid enumerations for this parameter.

344. PSX_PT2BK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The point-to/point-back linkage check between the logical channel control block (LCCB) and the access link control block (ALCB) failed during level 3 processing in the X.25 access capability (XAC).

345. PSX_PTYP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The X.25 access capability (XAC) received an invalid packet type from the data terminating equipment (DTE).

346. PSX_PVCERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database relational data for a permanent virtual circuit (PVC) disagreed at the local and remote ends of the circuit.

Note: This assert may be triggered if an existing PVC is being reconfigured via RC/V (or ODBE). The interlude between updating one end of the PVC and the other end may cause a temporary inconsistency. No action is required.

Data Structures:

RLPSPVCINF. Key fields: ph_number, ph_cn, party, local_lcn, rmt_dn.dn

Action:

Using the information printed on the receive only printer (ROP), use RC/V (or ODBE, if necessary) to access View 23.11 (DSL PACKET SWITCHING PVC LCN ASSIGNMENT). This view provides the PVC information for the local end of the PVC and the remote end, if it is on the same switch. If the remote end is on another switch, then the information must be obtained from maintenance personnel at the other switch.

Compare the data items from the local end of the PVC with those from the remote end to determine the inconsistency. Correct the data as appropriate.

347. PSX_QDNULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A buffer descriptor (BD) offset was expected to be chained to the logical channel control block (LCCB) or the access link control block (ALCB). However, no BD offset link was found while processing a logical channel.

348. PSX_R1BDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The user data type PSXT_RENTRY was received in the R1 state. PSXT_RENTRY is invalid for this state.

349. PSXRCVBADTPC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ALCB	Audit Mode: nonseg

Problem:

A value was out of range in the logical channel control block (LCCB). This value represented the receiving throughput for the call, and is used to calculate the MCT receive sum. The access link control block (ALCB) audit is scheduled to recalculate the MCT sums.

350. PSX_RPT2BK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While processing logical channels on a link, a logical channel control block (LCCB) that does not point back to the access link control block (ALCB) was found. Processing continues after nulling the slot in the ALCB.

351. PSXRQTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A MGL3CHGL message was received with a req_type that was not allowed for this action.

352. PSX_RSTBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

User data in the timeout function PSXltimeout() specified that a restart indication needs to be sent. This user data type is invalid if the state is not R0 or R2.

353. PSXSNDDBADTPC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ALCB	Audit Mode: nonseg

Problem:

A value was out of range in the logical channel control block (LCCB). This value is used to calculate the MCT send sum value. The access link control block (ALCB) audit is scheduled to recalculate the MCT send values.

354. PSX_UDINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid user data was received when the link was valid and teardown was not in process.

355. PSX_USERD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

User data was received after a timeout that does not agree with the state of the link. A timer should have been cancelled.

356. PSZATALCBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received with an invalid protocol handler (PH) channel number, or the access link control block (ALCB) does not exist. This occurred in the packet switch modem call processing (PSMCP) function PSxmp_atear() when the analog call in the modem pooling call pair was torn down and the X.25 access capability (XAC) received a tear down expected message.

357. PSZBLALCBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet switch modem call processing (PSMCP) function PSxmp_bldn() received an invalid protocol handler (PH) channel number in a message, or the access link control block (ALCB) does not exist.

358. PSZBLMSGERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet switch modem call processing (PSMCP) function PSxmp_bldn() received a PSERROR return code from the PSsendmsg() function. PSERROR indicates that the message could not be sent due to a user input error.

359. PSZDTMSGERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet switch modem call processing (PSMCP) function PSxmp_dtear() received a PSERROR return code from the PSsendmsg() function. PSERROR indicates that the message could not be sent due to a user input error.

360. PVADTERR (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operational error has been encountered by an *AUTOPLEX*[®] data trunk.

Data Structures:

None.

Action:

Underlying PHV hardware may be suspect. Repeated failures require diagnostic on PHV board on which the trunk resides.

361. PVCSEENTRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual finite state machine (VFSM) context switching function has been entered a second time for the current function stack. This is a software error.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

362. PVENVFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A virtual finite state machine (VFSM) environment set up function failed. The queued event will not be able to be processed.

Probable Cause:

Either software error or data corruption.

Action:

Provide data to next level of support.

363. PVERRVOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A code division multiple access (CDMA) vocoder error has been detected during normal CDMA SH operations.

Data Structures:

None.

Action:

Repeated errors result in fault recovery actions being taken on the vocoder and on the underlying PHV hardware.

364. PVINVEVENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unknown virtual finite state machine (VFSM) event was passed to a VFSM input mapper function.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

365. PVINVINPUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected input (i.e. event) was received by a virtual finite state machine (VFSM).

Probable Cause:

Software error or race condition.

Action:

Provide data to next level of support.

366. PVINVOUTPUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected output (i.e. selector) was passed to a virtual finite state machine (VFSM) output function.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

367. PVINVTMRTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid timer type was passed to a timer expiration processing function.

Probable Cause:

Software error or timer list corruption.

Action:

Provide data to next level of support.

368. PVINVVFSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid virtual finite state machine (VFSM) name was passed to the VFSM context switching functionality.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

369. PVQUEFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual finite state machine (VFSM) context switching queue is full.

Probable Cause:

Queue size incorrectly engineered during software development.

Action:

Provide data to next level of support.

370. PVTMRFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to start a PSutime timer failed.

Probable Cause:

Timer data corruption or resource shortage.

Action:

Provide data to next level of support.

371. PVUNEXDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected input or data item has been encountered when processing code division multiple access (CDMA) voice or signaling information.

Probable Cause:

Software problem or PHV vocoder hardware problem.

Action:

No direct craft action - escalate to appropriate support personnel.

372. PVUNXTMREXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A virtual finite state machine (VFSM) received an unexpected timer expiration.

Probable Cause:

Software error or timer list corruption.

Action:

Provide data to next level of support.

373. PVVFSMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure has occurred during virtual finite state machine (VFSM) processing. Call to the VFSM interpreter has returned failure.

Probable Cause:

Either data corruption or software error.

Action:

Provide data to next level of support.

Range: pspi**1. PSBADFFU (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The available space in the packet interface (PI) to switching module processor (SMP) first-in first-out (FIFO) queue or the SMP to PI FIFO queue of the PI is out of range.

2. PSF2MNYPKTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSfcntpkt() function found an impossible number of packets in the switching module processor (SMP) to packet interface (PI) first-in first-out (FIFO) queue.

3. PSFCNTBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet was found in the switching module processor (SMP) to packet interface (PI) first-in first-out (FIFO) queue with an invalid word count field in the FIFO header.

4. PSFLAGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet was found in the switching module processor (SMP) to packet interface (PI) first-in first-out (FIFO) queue with an error flag field in the FIFO header.

5. PSFLASTLOOK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While verifying the packet interface (PI) to switching module processor (SMP) first-in first-out (FIFO) queue, the "last look" variable had an out of range value. This is presumably due to a wild write since the code that updates the variable writes only values that were verified to be within range.

6. PSFROFFBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One or both of the offsets into the switching module processor (SMP) to packet interface (PI) first-in first-out (FIFO) queue were out of range.

7. PSFTOFFBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One or both of the offsets into the packet interface (PI) to SM first-in first-out (FIFO) queue were out of range.

8. PSFTOOBIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to write a packet into the packet interface (PI) to switching module processor (SMP) first-in first-out (FIFO) queue; the packet was larger than the maximum allowed.

9. PSLCBLBAD (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

In recovering complete commands, the PSICmdrcvy() function detected that end of list checks failed.

10. PSLONGCBL (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSICmdrcvy() function detected that the command block list (CBL) is looped or otherwise corrupted.

11. PSPBDLST (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

The buffer descriptor resources in the packet interface (PI) supporting the pump of one or more protocol handlers (PHs) are lost. An internal initialization of the PI is needed to recover.

12. PSPBLKSZ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The size of the pump text block used in the packet interface (PI) pump of one or more protocol handlers (PHs) is less than 64K. A request was made to send a pump text frame with a size greater than or equal to 64K.

Range: pspp**1. PSATMHWFAIL (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Software timed out PHA ATM-complex hardware.

Probable Cause:

Software timer may be too short or there may be a hardware problem.

Action:

This assert should ultimately be replaced with a fault recovery action. In the early stages of development, this assert is being used to ensure that hardware failures are reported.

2. PSBADACTPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the PSlactpb() function, the current value for the active packet bus is inconsistent with the data transport (DT) packet bus status. The PSlactpb() value will be changed to match the DT status.

3. PSBADARG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to allocate an invalid number of general purpose (GP) buffer descriptors (BDs) was made. A null offset was returned to the caller.

4. PSBADBDU (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BD	Audit Mode: nonseg

Problem:

The count of the number of buffer descriptors (BDs) in the general purpose (GP) or the synchronous/asynchronous protocol data formatter (SPYDER) BD free list is out of range.

5. PSBADHDC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PSHC	Audit Mode: nonseg

Problem:

A defensive check failure occurred that involved the headcell of a packet services (PS) resource.

6. PSBADIFD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: IFD	Audit Mode: nonseg

Problem:

Invalid data was found in a protocol handler (PH) or packet interface (PI) internal frame descriptor (IFD). An IFD audit is called in the packet switching PH; otherwise a PSINIT recovery action is taken.

7. PSBADPBCB (5E12 and later)

Recovery Action: spp	SPP: n	Audit: PBCB	Audit Mode: nonseg

Problem:

An invalid field was found in the packet bus control block (PBCB). This causes a single process purge.

Probable Cause:

Unknown.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

8. PSBADSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol state was found in the logical link control block (LLCB). This causes a single process purge.

9. PSBADVPI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid VPI value was passed to a function.

Probable Cause:

Software bug.

Action:

Seek technical support.

10. PSBDCASLOOP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BD	Audit Mode: nonseg

Problem:

The protocol handler 3 (PH3) application processor (AP) cannot update memory that is shared by the PH3's input/output processor (IOP).

11. PSBDCH2L (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BD	Audit Mode: nonseg

Problem:

A buffer descriptor chain length that exceeded the maximum length expected was encountered in the protocol handler (PH) or packet interface (PI).

12. PSBDGONE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The calling function requested more buffer descriptors (BDs) than are available on the general purpose (GP) BD free list.

13. PSBIXIFD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol handler (PH)/packet interface (PI) internal frame descriptor index was passed.

14. PSCPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The copy routines detected an internal error during a copy.

15. PSIFDLNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Packet bus (PB) internal frame descriptor (IFD) links were corrupted. This causes a single process purge.

16. PSIFDOOR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal frame descriptor (IFD) key is out of range. This causes a single process purge.

17. PSINTJOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interject received an unexpected return from an operating system for distributed switching (OSDS) primitive.

18. PSINVCOMB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

During protocol processing, an invalid state/event combination was detected by the general frame processing routine. Recovery action is a single process purge.

19. PSINVIDX (5E12 and later)

Recovery Action: spp	SPP: n	Audit: PSTELEM	Audit Mode: nonseg

Problem:

An invalid timer index for an ALCB or LCCB timer array has been found. This causes a single process purge.

Probable Cause:

A timer was started with an invalid timer index.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

20. PSINVSEQ (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

During protocol processing, an invalid sequence table value was found in the general frame processing routine. Recovery action is a single process purge.

21. PSINVTIDX (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempting to restart a timer, but the timer index is out of range.

22. PSL2HCLLCB (5E13 and later)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseq

Problem:

Either the first or last entry on the timing headcell (includes the timeout headcell) was found to be in error. The logical link control block (LLCB) indicated by the headcell, and the owner field in the LLCB do not agree. The LLCB will be purged. This error indicates a data inconsistency between the headcell and the LLCBs it is pointing to.

23. PSL2HCLLCB (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: L2TL	Audit Mode: nonseq

Problem:

Either the first or last entry on the timing headcell (includes the timeout headcell) was found to be in error. The logical link control block (LLCB) indicated by the headcell, and the owner field in the LLCB do not agree. The LLCB will be purged. This error indicates a data inconsistency between the headcell and the LLCBs it is pointing to.

24. PSLANCRPT (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

The local area network (LAN) command list links were corrupted.

25. PSLANLNGFRM (5E13 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

A frame was received over the packet bus that that was too long for the receiving processor.

26. PSLANRBDSTART (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

The element in the PSrbdstart[] array for a local area network (LAN) was corrupted. This array contains one element per LAN, the element normally holds the offset of the first receive buffer descriptor (RBD) in a LAN's RBD pool.

27. PSLINVPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to a function.

28. PSLLCBPTR (5E12 and later)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseg

Problem:

The logical link control block linkages were corrupted, a demand audit will rebuild the linkages.

29. PSLNKIFD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: IFD	Audit Mode: nonseg

Problem:

An incorrect linkage between the protocol handler (PH)/packet interface (PI) internal frame descriptors was detected.

30. PSLNOTXCMD (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

Temporarily, there are no available local area network (LAN) transmit command blocks. This could indicate a stuck control fanout (CF) arbiter.

31. PSLPCASSERT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error condition was detected by the large packet connection mechanism which is used to send large packets between the SMP and its PSU and among PHs within a PSU.

Probable Cause:

The error can be caused by a number of conditions. This assert is intended only to document the error occurrence. This assert dumps an error type the values of which are as follows:

ERROR TYPE SYMBOL	ERROR TYPE VALUE
PSLPCBADARG	1
PSLPCCORRUPTEDDATA	2
PSLPCINVALIDSTATE	3
PSLPCUNEXPECTEDINPUT	4
PSLPCSNDSMSGFAILURE	5
PSLPCOSTIMERFAILURE	6
PSLPCNOTPI2ERROR	7
PSLPCPIMOVEFAILURE	8
PSLPCALIGNERROR	9
PSLPCSIZEERROR	10
PSLPCARBITERERROR	11
PSLPCCDTNOTAVAILABLE	12

Action:

Forward information to protocols subsystem (PS) software development.

32. PSLPIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical packet interface (PI) number in the PSIpnum global variable was corrupted. The PI will be re-initialized via a packet services (PS) initialization. The symptoms of this problem are:

- no dial tone and unable to originate integrated services digital network (ISDN) calls
- inter-SM (ISM) nailup ports dropping out of service (OOS) due to level 2 errors
- some digital subscriber lines (DSLs) reporting OOS DSLINIT
- unable to restore lines that are OOS DSLINIT

Action:

If these symptoms continue after this assert fires, the craft person should perform a module controller/time slot interchange (MCTSI) switch.

33. PS�RFDBAD (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

The circular list of receive frame descriptors used by the local area networks (LANs) was corrupted.

34. PSŁTFDBAD (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

The circular list of transmit frame descriptors used by the local area networks (LANs) was corrupted. A PSINIT recovery action is taken.

35. PSŁTIMEOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected timer timeout occurred while waiting for the local area network's (LAN) command to be acknowledged or executed by the input/output processor (IOP).

36. PSNOGPBD (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

An exhaust of general purpose (GP) buffer descriptors (BDs) was detected in the protocol handler (PH) or packet interface (PI). A PSINIT recovery action will be triggered.

37. PSNOIFD (5E11 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

An exhaust of internal frame descriptors was detected in the protocol handler (PH) or packet interface (PI). A PSINIT recovery action is required.

38. PSOWNIFD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: IFD	Audit Mode: nonseg

Problem:

An invalid owner field of a protocol handler (PH)/packet interface (PI) internal frame descriptor was found.

39. PSP8TTYTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid packet bus (PB) timer type was found. It will be set to null, and processing will continue.

40. PSPBTIMRUN (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSPBCB is about to be reinitialized and a timer has been found running.

41. PSPKTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid packet type was received on the packet bus.

42. PSSWABMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No swabbing vector was found for an input message ID.

43. PSSWCPY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal swabbing error occurred.

44. PSTBADHDC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or inconsistent linkage data was encountered during execution of a general purpose timing primitive in a timer headcell.

Probable Cause:

Unknown software bug.

Action:

If this occurs often, seek technical support.

45. PSTBADOWNER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A invalid or inconsistent headcell owner was encountered by one of the general purpose timing primitives.

Probable Cause:

Software bug.

Action:

If seen often, seek technical support.

46. PSTBADTE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or inconsistent data was found in a general purpose timer element by general purpose timers.

Probable Cause:

Unknown software bug.

Action:

If this occurs often see technical support.

47. PSTEXLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseg

Problem:

A circular linked logical link control block (LLCB) list was found on timing. The timer audit is called to repair linkages.

48. PSTHCERR (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: LLCB	Audit Mode: nonseg

Problem:

The protocol timing headcells were corrupted, a demand audit will rebuild the timing lists.

49. PSTIMCRPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The current time of the protocol timers was corrupted; the time was reset to 0.

50. PSTINPUT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal input or an invalid logical link control block (LLCB) was given to level 2 protocol timers in the protocol handler (PH).

51. PSTRANFRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received when transmitting on the local area network (LAN).

52. PSUNEXIFD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: IFD	Audit Mode: nonseg

Problem:

A valid but unexpected protocol handler (PH)/packet interface (PI) internal frame descriptor index was found.

53. PSUNEXOFF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BD	Audit Mode: nonseg

Problem:

An unexpected or out of range buffer descriptor offset was encountered in the protocol handler (PH) or packet interface (PI). A PSINIT recovery action should be initiated unless the buffer descriptor (BD) demand audit is available in the processor.

54. PSUNEXRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code from a called function was found.

55. PSUTIMRUN (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempting to start a protocol timer, but found a timer already running, therefore the timer could not be started.

Range: rc**1. RCACSRCORPT (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: RCACSRQ	Audit Mode: elev

Problem:

Data corruption occurred in the dynamic global data structure RCacsr_jobs or in the dynamic relation RLACSR_QC. Elevated audits will be run to correct the data.

2. RCDBERR1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database (DB) transaction errors occurred when DB primitives were used to read, insert, or update static relations.

3. RCDBERR2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database (DB) data errors occurred when DB primitives were used to read, insert, or update static or dynamic relations.

4. RCINTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recent change (RC) system detected an internal system error.

5. RCOSERROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operating system (OS) errors occurred when sending and receiving messages from other processes.

6. RCOSREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During automatic customer station rearrangement (ACSR) initialization, the operating system for distributed switching (OSDS) process was given an invalid initialization reason.

Range: rita**1. RIAGACDPOSDB (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

The agent_id attribute in an rIACDPOSDB tuple was used as the key to read the RAGENTID relation, but the RAGENTID tuple was not found. The agent_id attribute in the rIACDPOSDB tuple must have been corrupted, causing this problem. The RLACDPOSDB audit is scheduled to correct the problem.

Probable Cause:

The rIACDPOSDB.agent_id attribute has been corrupted.

Action:

Run the RLACDPOSDB audit to clean up the dynamic data.

2. RIAUACDPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

Some attributes in an rIACDPOSDB tuple were corrupted, causing this problem. The RLACDPOSDB audit is scheduled to correct the invalid data.

3. RIAUAPDU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APDU	Audit Mode: elev

Problem:

Error occurred while accessing rIAPDU tuple.

4. RIAUBRCSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

A failure occurred that is related to the business and business and residential custom services (BRCS) data block (BRCSDB). The following BRCSDB related events indicate where the problem may have occurred.

1. Unable to remove the BRCSDB from the idle list. [DArhhcbr()]
2. Unable to link the BRCSDB to the D channel application linkage block (DALB). [DAIbrda()]
3. Unable to get a pointer to the BRCSDB.
4. Unable to unlink the BRCSDB from the DALB. [DAubrda()]
5. Unable to put the BRCSDB back on the idle list. [DAahhcbr()]

5. RIAUDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

An error occurred while accessing an rIDALB tuple.

6. RIAUDISPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DISPDB	Audit Mode: elev

Problem:

A failure occurred that is related to the display data block (DISPDB). The following DISPDB related events indicate where the problem may have occurred.

1. Unable to remove the DISPDB from the idle list. [DArhcdi()]
2. Unable to link the DISPDB to the BRCS data block (BRCSDB). [DAIbrdi()]
3. Unable to get a pointer to the DISPDB.
4. Unable to unlink the DISPDB from the BRCSDB. [DAubrdi()]
5. Unable to put the DISPDB back on the idle list. [DAahhcbi()]

7. RIAUDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An error occurred while accessing an rIDPB tuple.

8. RIAULTMSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LTMSTAT	Audit Mode: elev

Problem:

A failure occurred while accessing the RLLTMSTAT relation, or corrupted data was detected in the dynamic data structure.

9. RIAUNONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is the general rita assert that schedules no audits.

10. RIAUPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An error occurred that is related to the dynamic data relation RLPCBLA.

11. RIAUORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An error occurred that is related to the dynamic data relation RLPORTLA.

12. RIAUTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

A failure occurred while accessing the relation RLTEDB. Unable to get a pointer to the rITEDB tuple or, for standard interfaces, an inconsistency in the contents of the call position counters/limits or ekts field in the rITEDB tuple was discovered. The terminal equipment data block (TEDB) audit is triggered to reconstruct these fields from the rIIS_LINE tuple or from the calls active on the TEDB.

13. RIAUTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

An error was found while accessing the RLTEILA relation.

14. RIBADARG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that a function was called with an invalid argument.

15. RIBFGPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A macro called to retrieve a portname has failed to successfully read either FC_PORTTYP or CKT_PORT. This is a database inconsistency - contact your next level of support.

16. RIBIP_SC_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-initializing terminal (NIT) binding [directory number (DN), service capability (SC)] for a previously base initializing protocol (BIP) bound terminal failed because an invalid service order profile (SOP) capability was requested.

17. RIBREQ_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The requested service for B-channel use was invalid.

18. RIBRGAFail (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem: The PHsil2dplx() function was called to apply the observer bridge to target port, but it returned a PCBRGFAIL error code and the monitoring bridge terminal process (MBTP) pid is corrupted. The bridge could not be applied and the message to MBTP was not sent, but the call can continue.

Data Structures:

The first data dump of this assert is the process control block link area (PCBLA) structure of the target position to which monitor bridge application was attempted. The second data dump is the MBTP ID (4 bytes).

Action:

The ACDPOSDB audit is scheduled to correct any inconsistent data in the target position data block.

19. RIBRGFAILL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem: The PHdplx2sil() function returned a PCBRGFAIL error code. It failed to lift a previously applied observer bridge and also the monitoring bridge terminal process (MBTP) pid was corrupted.

Data Structures:

The first data dump of this assert is the process control block link area (PCBLA) of the process for which the attempt to lift monitor bridge failed. The second data dump of this assert is the MBTP pid (4 bytes).

Action:

The ACDPOSDB audit is scheduled to correct any inconsistent data.

20. RIBRGLFAIL (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: ACDPOSDB	Audit Mode: elev

Problem: The PHdplx2sil() function failed to lift the bridge. The call cannot be returned to its original state.

Action:

The process owning the port from which the bridge was to be lifted is purged and the ACDPOSDB is requested to correct inconsistent data.

21. RIBSEL_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid B-channel selection parameter was used when making busy/idle all circuit switched voice (CSV) and circuit switched data (CSD) hunt members on the digital subscriber line (DSL) when the DSL became blocked or unblocked.

22. RIB_SOP_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A base initializing protocol (BIP) bind request for a previously bound terminal endpoint identifier linkage area (TEILA) failed because an invalid service order profile (SOP) capability was requested.

23. RICHK_SC_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A check of the service order profile (SOP) capability failed due to an invalid input value.

24. RICRPT_DATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An automatic customer station rearrangement (ACSR) move was completed; but cross checks of data indicate that data was corrupted during the move.

25. RICVSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: STATE	Audit Mode: elev

Problem:

Failed to link an RLCV_STATE tuple to the busy/idle list, unlink an RLCV_STATE tuple from the busy/idle list or traverse the busy/idle list.

Probable Cause:

Data corruption.

Action:

The RLCV_STATE key (cvstnmb) will be printed on the ROP and the AUCV_STATE audit will be scheduled to run. This is a returning assert and it is assumed that the software calling it can recover.

26. RIDESTROY (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

This assert is used to destroy processes.

27. RIDN_FEATS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDN_FEATS relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLDN_FEATS. Key fields: lead_module (first data item dumped), ltm_type (second data item dumped), ltm_idx (third data item dumped)

Action:

This is a database inconsistency that can only be corrected by manual action.

28. RIDN_LPT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the virtual RLDNLPT relation, a failure return code of DBNO_MATCH was received. Either the static rIDN_LPT tuple (RLDN_LPT is the storage relation for RLDNLPT) is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLDNLPT. Key fields: dnlpt.locdn (first data item dumped), dnlpt.lpt_type (second data item dumped), dnlpt.lpt_styp (third data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

Using ODBE, verify the keys used to read rIDNLPT using the data dumped as the keys to the relation. If the tuple in rIDN_LPT is missing, insert it. Otherwise, the keys used to access the relation must have been set incorrectly, so notify the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of

the Asserts manual for information on contacting technical support.

29. RIDN_LPT (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDN_LPT relation, a failure return code of DBNO_MATCH was received. The rLDN_LPT tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLDN_LPT. Key fields: dn_lpt.epdn (first data item dumped), dn_lpt.lpt_type (second data item dumped), dn_lpt.lpt_styp (third data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

30. RIDSLEQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDSLEQUIP relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLDSLEQUIP. Key field: dsl.

Action:

This is a database inconsistency that can only be corrected by manual action.

31. RIEDSLDCHN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLEDSDCHN relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLEDSDCHN. Key field: dport.

Action:

This is a database inconsistency that can only be corrected by manual action.

32. RIFAILBRGA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem: The PHsil2dplx() function was called to apply the observer bridge at the target port, but it returned a PCFAIL error code. Corrupted data was found.

Action:

The call is purged and the AUACDPOSDB audit is scheduled to correct inconsistent data in the target position data block (ACDPOSDB).

33. RIFAP_FAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSfap() function failed. The ISDNBRCS package was not loaded into this SM, and automatic customer station rearrangement (ACSR) counts were not pegged.

34. RIFC_LINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_LINE relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLFC_LINE. Key fields: port.member (first data item dumped), port.module (second data item dumped), party (third data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

35. RIFC_PORTTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_PORTTYP relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLFC_PORTTYP. Key fields: port.member (first data item dumped), port.module (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

36. RIFC_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLFC_TRUNK relation, or the keys used to read this relation were not set correctly.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

In the first word of the data dump layout for the key values, the first two bytes are port.member, the next byte is filler, and the next byte is port.module.

Use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLFC_TRUNK relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

37. RIFDAPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfdapc() failed to obtain the rIPCBLA tuple pointer by using the rIDALB key. The rIDALB tuple key is printed on the ROP.

Probable Cause:

Dynamic data linkage corruption.

Action:

rIDALB audit will correct the problem.

38. RIINSDYN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that the DBfintup() function failed to insert a tuple in a dynamic relation.

39. RIINV_BIND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Binding failed because the type of binding requested was invalid.

40. RIINVDEVENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic call distribution (ACD)/business and residential custom services (BRCS) position manager (POSMGR) function Rlposmgr() received an invalid value for the event parameter. This value should be in the range of the RIPMGREVENT enumeration defined in uhdr/rita/Rlposmgr.G.

Probable Cause:

This error indicates that there is no code in the Rlposmgr() function to handle an event defined by the RIPMGREVENT enumeration; or an invalid event parameter was passed to the Rlposmgr() function via the RIPOSMGR() macro.

Action:

Verify that the rita/Rlposmgr/Rlposmgr.c file is not missing code for the events defined in rita/Rlposmgr.G. If no code is missing, use the rITEDB tuple data that was dumped to the ROP to determine the function that called the POSMGR.

41. RIINV_SOPREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-initializing terminal (NIT) binding [directory number (DN), service capability (SC)] for a previously unbound terminal failed because an invalid service order profile (SOP) capability was requested.

42. RIINV_SPID_PTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A service profile identifier (SPID) bind request for a point-to-point digital subscriber line (DSL) failed because a SPID

request is invalid for this DSL type.

43. RLIS_LINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIS_LINE relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLIS_LINE. Key fields: lead_module (first data item dumped), ltm_idx (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

44. RIISTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the RLIS_TERM relation, or the keys used to read this relation were not set properly.

Data Structures:

RLIS_TERM. Key fields: lport, termno.

Action:

This is a database inconsistency that can only be corrected by manual action. Validate the keys printed in the error message on the receive only printer (ROP); if they are valid, use RC/V (or ODBE, if necessary) to insert the data for the missing tuple.

45. RLLPT_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the relation RLLPT_PT.

Data Structures:

RLLPT_PT. Key fields: lport (first data item dumped), lpt_type (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V (or ODBE, if necessary) to fix the inconsistency.

46. RLLPT_SPID (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the virtual relation, RLLPTSPID, a failure return code of DBNO_MATCH was received. Either the static relation RLLPT_SPID (RLLPT_SPID is the storage relation for RLLPTSPID) tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLLPTSPID. Key fields: lport (first data item dumped), lpt_type (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

47. RILPT_SPID (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLPT_SPID relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLLPT_SPID. Key fields: lport (first data item dumped), lpt_type (second data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

48. RIMPRET_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Restricted multipoint digital subscriber line (DSL) rebinding failed because of an unexpected return from a binding function.

49. RINDN_SOP_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-directory number (DN) bind request failed because an invalid service order profile (SOP) capability was requested.

50. RINIP_SC_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-initializing terminal (NIT) binding [directory number (DN), service capability (SC)] for a previously non-initializing protocol (NIP), fully initializing protocol (FIP), or to be determined (TBD) bound terminal failed because an invalid service order profile (SOP) capability was requested.

51. RINOCCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid read of the RLNOCCODE relation occurred.

Data Structures:

RLNOCCODE. Key field: nxx.

Action:

Validate the key printed in the error message on the ROP; if it is valid, insert the data for the missing tuple.

52. RIOFFICECODE (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLOFFICECODE relation, DBNO_MATCH was returned, indicating that there was no tuple in the relation for the NOC used as the key. A tuple is missing or the key was incorrectly set.

Data Structures:

RLOFFICECODE. Key field: noc.

Action:

This is a database inconsistency that must be corrected by manual action.

53. RIPFIXTEI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPFIXTEI relation, a failure return code of DBNO_MATCH was received. The corresponding RLDSLEQUIP tuple keyed by RLDSLEQUIP.dsl = RLPFIXTEI.port has pfixtei = DBYES. This failure indicates that either the RLPFIXTEI tuple is missing or RLDSLEQUIP.pfixtei is set incorrectly.

Data Structures:

RLPFIXTEI. Key Fields: port.

Action:

This is a database inconsistency that can only be corrected by manual action.

54. RIPOUT_GROUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPOUT_GROUP relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLPOUT_GROUP. Key fields: port.member (first data item dumped), port.module (second data item dumped), party (third data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

55. RIPRIFACS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interface identifiers for both ends of a primary rate interface (PRI) do not match, a tuple is missing from the RLPRIFACS relation, or the keys used to read this relation were not set correctly.

Data Structures:

RLPRIFACS. Key fields: prigrp, interf_id.

Action:

In the first word of the data dump layout for the key values, the first two bytes are prigrp, the next byte is filler, and the next byte is interf_id.

It is possible that this assert is firing because of a provisioning change at this office or at the switch at the other end of this PRI.

Use RC/V View 5.2 (or ODBE, if necessary) to cross-check the assignment of facilities, and interface identifiers for those facilities, with the office at the other end of the PRI. The interface identifiers for both ends of the PRI must match exactly. If there is a facility mismatch between offices, then this craft assert may fire repeatedly. If a mismatch is found, then add the interface at this switch or have it deleted from the other switch.

If there is no facility mismatch found, then use RC/V (or ODBE, if necessary) to cross-check the data for the keys in the RLPRIFACS relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

56. RIPRIGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the RLPRIGRP relation, or the keys used to read this relation were not set correctly.

Data Structures:

RLprigrp. Key field: prigrp.

Action:

Use RC/V (or ODBE, if necessary) to cross check the data for the keys in the RLPRIGRP relation with the actual keys used. If the tuple is missing, add it. If the keys used to access the relation were set incorrectly, notify the next level of support.

57. RIPRISTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

Error occurred while accessing rIPRISTAT tuple.

58. RIPSAPISLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The psap flag for this isdn line is set to Y. Since the integrated services digital network (ISDN) public safety answering point (PSAP) special feature has not been purchased, this flag must be set to N.

Data Structures:

RLIS_LINE key fields: lead module ltm_idx.

Action:

This database inconsistency needs to be corrected by manual action. Use RC/V View 23.2 (DIGITAL SUBSCRIBER LINE) or 23.8 (DSL/BRCS ASSIGNMENT) to correct the E911 PSAP field.

59. RIPSX25LN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPSX25LN relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLPSX25LN. Key fields: ph_number (first data item dumped), ph_cn (second data item dumped), party (third data item dumped).

Action:

This is a database inconsistency that can only be corrected by manual action.

60. RIPTPRET_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Point-to-point digital subscriber line (DSL) rebinding failed because of an unexpected return from a binding function.

61. RIREQSRV_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the requested service (i.e., call type) was invalid. Analysis of the stack frames and the value of the requested service output to the receive only printer (ROP) permit development personnel to locate and correct the erroneous call type.

62. RIRETROINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A stable call saved over an SM retrofit selective initialization has been interrupted. The function trace indicates the code that requested the interrupt.

Action:

Stack and function trace data should be analyzed to determine why the interrupt was sent.

63. RIRET_SPID_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A service profile identifier (SPID) bind request failed because of an invalid return from the service order profile (SOP) bind function.

64. RIRGLPRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that an error was returned from an attempted read of a global parameter from within a transaction. No audit is available to correct the error.

65. RISOPRET_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Non-initializing terminal (NIT) binding [directory number (DN), network capability (NC)] failed because of an unknown return from the service order profile (SOP) bind function.

66. RISPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSPID relation, a failure return code of DBNO_MATCH was received. This indicates that the tuple is missing, or that the keys used to read this relation were not set properly.

Data Structures:

RLSPID. Key fields: spid.uspid.digcnt (first data item dumped), spid.uspid.dig1 through spid.uspid.dig18 (second data item dumped, displayed as an ASCII string).

Action:

This is a database inconsistency that can only be corrected by manual action.

67. RISPID_RQ_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A service profile identifier (SPID) bind request for verify only failed because the request is invalid for this bind type.

68. RISTACDPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

The serv_tm attribute in an rIACDPOSDB tuple that was used as the key to read the RLSTPARM relation was corrupted, causing this problem. The RLACDPOSDB audit is scheduled to correct the problem.

69. RISTCMD_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid busy/idle status change command for individual circuit switched voice (CSV) or circuit switched data (CSD) hunt members occurred after certain maintenance or binding events.

70. RITEI_PORT_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The terminal endpoint identifier (TEI) assignment to the TEI linkage area (TEILA) failed because the port specified cannot be assigned to a TEILA.

71. RITERMKYDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid read of the RLTERMKYDN relation occurred.

Data Structures:

RLTERMKYDN. Key fields: lport, termno, ca.

Action:

Validate the keys printed in the error message on the receive only printer (ROP); if they are valid, insert the data for the missing tuple.

72. RIUGLPRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert indicating that an error occurred while updating a global parameter.

73. RIUNB_REQ_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unbinding failed because the type of binding requested was invalid.

74. RIUNB_SOP_INV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A base initializing protocol (BIP) bind request for a previously unbound terminal endpoint identifier linkage area (TEILA) failed because an invalid service order profile (SOP) capability was requested.

75. RIWBTBLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLWBTBLOCK. When attempting to read this relation, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLWBTBLOCK: Key: trunk group number, trunk block (trunk block is calculated by dividing the trunk group member number with 24 and taking the integer portion of the result. e.g if member number is 0-23, trunk block is 0 and if member number is 24-47, trunk group is 1).

RLFC_TRUNK: Keys: port.member port.module.

RLPORT_GROUP: Keys: port.member port.module.

Action:

Office personnel should use RC/V (or ODBE, if necessary) to verify whether the trunk group number is valid. The port member and port module dumped on the ROP can be used to read RLPORT_GROUP and RLFC_TRUNK relations. If both relations indicate the port is a member of the trunk group dumped on the ROP, then the trunk group number is probably a valid one.

If the trunk group number is valid, and wbrate field in the RLFC_TRUNK contains wide band data rate, then the RLWBTBLOCK relation should be checked to see if a tuple exists. Use member field from the relation RLPORT_GROUP to compute the tblock key for the relation RLWBTBLOCK. If the tuple is not populated in RLWBTBLOCK, one should be inserted (consult the office records).

If the trunk group assigned to the port in RLFC_TRUNK is different from the one in RLPORT_GROUP, consult the office records and correct it.

After correction, office personnel should manually restore the trunk back to service.

Range: rpalm**1. HMRP00 (5E14 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) failed to find an empty entry in its internal scan point information table.

2. HMRP00 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) failed to find an empty entry in its internal scan point information table.

3. HMRP01 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) failed to find an entry for a specified unit in its internal scan point information table. The unit type and unit number will be included in the output report.

4. HMRP01 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) failed to find an entry for a specified remote peripheral in its internal scan point information table. The remote peripheral unit type and unit number will be included in the ROP report.

5. HMRP02 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function in the remote peripheral and XAIU alarm process (RISA) was called with an invalid parameter.

6. HMRP02 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function in the remote peripheral alarm process (RPALMP) was called with an invalid parameter.

7. HMRP03 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function in the remote peripheral and XAIU alarm process (RISA) encountered an invalid unit type. The unit type will be included in the output report.

8. HMRP03 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function in the remote peripheral alarm process (RPALMP) encountered an invalid remote peripheral unit type. The unit type will be included in the ROP report.

9. HMRP04 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) failed to write a unit's scan point inhibit/allow mask register. The unit type and unit number will be included in the output report.

10. HMRP04 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) failed to write the scan point inhibit/allow mask register in a remote peripheral unit. The unit type and unit number will be included in the ROP report.

11. HMRP05 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) failed to send an internal message.

12. HMRP05 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) failed to send an internal message.

13. HMRP06 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) received an invalid message. The message buffer will be included in the output report.

14. HMRP06 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) received an invalid message. The message buffer will be included in the ROP report.

15. HMRP07 (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) received an invalid process entry reason. The process will be purged.

16. HMRP07 (5E12 - 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) received an invalid process entry reason. The process will be purged.

17. HMRP08 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to read the RLRPSITE relation.

18. HMRP08 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) encountered a failure while trying to read the RLRPSITE relation.

19. HMRP09 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to request a timer.

20. HMRP09 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) encountered a failure while trying to request a timer.

21. HMRP10 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to queue an output message.

22. HMRP10 (5E12 - 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) encountered a failure while trying to queue an output message.

23. HMRP11 (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to request a timer. The process will be purged.

24. HMRP11 (5E12 - 5E13)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral alarm process (RPALMP) encountered a failure while trying to request a timer. The process will be purged.

25. HMRP12 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to read the RLAIU2AP relation.

26. HMRP13 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to read the RLRC_LOCEQ relation.

27. HMRP14 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote peripheral and XAIU alarm process (RISA) encountered a failure while trying to read the RLUNITDATA relation.

Range: rta**1. ARCRTC1 (5E13 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLNOCCODE tuple could not be identified or had an unexpected base numbering plan area (NPA) for the given NPA-NXX of a 10-digit directory number (DN).

Data Structures:

RLNOCCODE.

The RLNOCCODE tuple could not be found for the NPA-NXX or the NXX and NPA retrieved from the RLNOCCODE relation contained an unexpected base NPA. If found, the NPA-NXX of the 10-digit DN are dumped.

Action:

Use the NPA-NXX to inspect the RLNOCCODE tuple. Verify that the office data is consistent with signal transfer point (STP) data for local area signaling services (LASS) global title routing. Correct the NPA in the RLNOCCODE tuple, if appropriate. For NPA splits using SFID 36 (LASS NPA SPLIT), add old - new NPA association in RC/V View 8.25 (LASS NPA SPLIT RESOLUTION).

2. ARCRTC1 (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLNOCCODE relation had an unexpected numbering plan area (NPA) for the given NXX of a 10-digit directory number (DN).

Data Structures:

RLNOCCODE.

The NXX and NPA retrieved from the RLNOCCODE relation and the expected NPA of the 10-digit DN are dumped.

Action:

Use the NXX to inspect the RLNOCCODE tuple. Verify that the office data is consistent with signal transfer point (STP) data for local area signaling services (LASS) global title routing. Correct the NPA in the RLNOCCODE tuple, if appropriate.

3. ARCRTC2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLCHKLST relation was missing a tuple. One tuple should always be populated with a key of DBNO.

Data Structures:

RLCHKLST.

Action:

Insert an RLCHKLST tuple.

4. AURTAST21 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The gport and pid values are dumped for port-process linkage errors.

5. COBADHEAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Cutover detected a corrupt linkage in the RLPORTLA relation.

6. COBADPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A cutover function was entered with invalid parameters.

7. COCPIMCOST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover encountered a read failure when accessing the RLCPIMCOST relation.

8. COCPTHOST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover encountered a read failure when accessing the RLCPTHCOST relation.

9. CODSLEQUIP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the RLDSLEQUIP relation for the current port when the routing and terminal allocation (RTA) cutover program was determining the service status of all the line ports on the current SM.

10. COHMERROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover encountered human machine interface (HM) failure return codes.

11. COIMCOSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover encountered a read failure when accessing the RLIMCOSTAT relation.

12. COLSTLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Cutover, after one retry, could not traverse the system list; the system list and the port's port linkage area (PORTLA) list do not coincide.

13. COMODATT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover encountered a read failure when accessing the RLMODATT relation.

14. COPSX25LN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the RLPSX25LN relation for an existing port in the RLDSLEQUIP relation when the routing and terminal allocation (RTA) cutover program was determining the service status of all the line ports on the current SM.

15. COREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The cutover system process started for an unknown reason.

16. CORECOSTAT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Data delivery cannot return the COstate value to cutover (data delivery fatal error).

17. CORELINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Cutover could not re-link a port linkage area (PORTLA) to a new system list after it had been unlinked.

18. CORTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

For the port with a normalized office code (NOC) of 0 in the RLFC_LINE relation, the directory number (DN) could not be derived from the RLPORT_GROUP and RLRT_MHG relations when the routing and terminal allocation (RTA) cutover program was determining the service status of all the line ports on the current SM.

19. COSTCOSTAT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Data delivery cannot return the SCOSTATE value to cutover.

20. COTHCOSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover encountered a read failure when accessing the RLTHCOSTAT relation.

21. COTRGFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When a change to the cutover office parameters was attempted, the trigger function COcptrg() in the CMP failed in its attempt to inform AM resident code of the update. Some data may be out of synch. The first data item dumped on the ROP is the destination process ID, which should be the cutover system process on the AM.

22. COUNLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Cutover could not unlink a port linkage area (PORTLA) from the PORTLA system list.

23. COUXPMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover received an unexpected message.

24. COUXPOSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Cutover received an unexpected return from an operating system for distributed switching (OSDS) primitive.

25. RT2INQO_MLHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTiinl_dyn.c. During the initialization of line queueing dynamic tuples in the RLQO_MLHG or RLQM_MLHG relation, an error return was received from the RTinInqown() function when attempting to insert an rIQO_MLHG tuple. The first data dump contains the qdata structure containing the information to be populated into the rIQO_MLHG tuple. The second data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

26. RT2Q_ISAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the rta/RTmfcqu/RTInq_isat.c, RTisataban.c, RTInqsada.c, or RTisat_nq.c file. During the processing for integrated services attendant (ISAT) line queueing, an error return was received from a database (DB) primitive when attempting to read or update the RLQ_ISAT relation. The first data dump contains the appropriate ISAT index and the second data dump contains the error return value from the DBretrvblk() or DBfintup() primitive. Study the stack frame dump to gain further insight into this assert.

27. RT2QO_ICI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTisataban.c or rta/RTmfcqu/RTinqo_ici.c. When attempting to update rIQO_ICI tuples for integrated services attendant (ISAT) line queueing operations, an error return was received from a database (DB) primitive. The first data dump contains the relevant ISAT carrier identification code (CIC) value. The second data dump contains the error return value from the DBfintup(), DBgethead(), or DBretrvblk() primitive. Study the stack frame dump to gain further insight into this assert.

28. RT3QO_ICI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTdqisat.c or rta/RTmfcqu/RTisat_nq.c. During the processing of an integrated services attendant (ISAT) line queueing request, an error return was received from the DBretrvblk() function when attempting to retrieve the appropriate rIQO_ICI tuple. The first data assert contains the ISAT index. The second data dump contains the incoming call identification (ICI) index, and the third data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

29. RTAAR_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLARGP relation, a failure code of DBNO_MATCH was returned. The rIARGP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLARGP. Key field: ar_gpid.

Action:

This is a database inconsistency that can only be corrected by manual action.

30. RTACB_DBRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the relation RLFC_LINE to get the lport was not successful. No audits were run. This assert originates from the RTacb_msg() function.

31. RTACBMG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTacb_msg.c. During processing for the auto-call back feature, an error return was received from the DAfownpc() primitive when attempting to determine the status of a port. The first data dump contains the global port value. The second data dump contains the error return from DAfownpc(). Study the stack frame dump to gain further insight into this assert.

32. RTACCT_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLACCT_GP relation, a failure code of DBNO_MATCH was returned. The rLACCT_GP tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLACCT_GP. Key field: gpid (account group ID).

Action:

This is a database inconsistency that can only be corrected by manual action.

33. RTACDMG1 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTacdqv/RTacdmfinfo.c. When processing a return to queue request for a call to an automatic call distribution (ACD) directory number (DN), an error return was received when the MGACD_INFO message was sent to the newly created terminating terminal process.

The first data dump contains the process ID of the newly created terminal process. The second data dump contains the error return from the call to the OSSENDMSG() macro. The third data dump contains the reason for creating the terminal process. The newly created terminal process will be purged. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

34. RTACDPD1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGscreen/RTacdpcdn.c. During post-directory number (DN) translation processing, the routing data block contained an invalid orig_type (that is, neither line nor trunk). The first data dump contains the routing data block information. Output from the RTDUMPDATA() macro call may follow. Study the stack frame dump to gain further insight into the problem.

35. RTACDPD2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGscreen/RTacdpcdn.c. During the post-directory number (DN) translation stage of a routing request, an unexpected value was found for the terminating class in the call flow data block. The first data dump contains the DN translation data area of the call flow data block. Output from the RTDUMPDATA() macro call may follow. Study the stack frame dump to gain further insight into the problem.

36. RTACDQC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTacdqv/RTacdqvcr.c. When processing a termination request for a call to an automatic call distribution (ACD) directory number (DN), an error return of OSEPROG was received from the call to the OSCREATE() macro.

The first data dump contains the ID passed to the RTacdqvcr() function for the process to be created. The second data dump contains the process ID returned by the OSCREATE() macro. The third data dump contains the termination message that was to have been sent to the newly created terminal process. Study the stack frame dump

to gain further insight into this problem.

37. RTACDQC2 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTacdqv/RTacdqvcr.c. When processing a termination request for a call to an automatic call distribution (ACD) directory number (DN), an error return was received from the call to the DAgetpcbl() function when attempting to get a pointer to the newly created terminal process' process control block link area (PCBLA).

The first data dump contains the process ID of the newly created terminal process. The second data dump contains the error return from the DAgetpcbl() function. The third data dump contains the reason for creating the terminal process. The newly created terminal process will be purged. Study the stack frame dump to gain further insight into this problem. Output from the RTDUMPDATA() macro call may follow.

38. RTACDQC3 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTacdqv/RTacdqvcr.c. When processing a termination request for a call to an automatic call distribution (ACD) directory number (DN), the RTacdqvcr() function determined that an invalid termination message was passed to the function. The first data dump contains the process ID of the newly created terminal process. The second data dump contains the message header of the invalid termination message. The third data dump contains the reason for creating the terminal process. The newly created terminal process will be purged. Study the stack frame dump to gain further insight into this problem. Output from the RTDUMPDATA() macro call may follow.

39. RTACDQC4 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTacdqv/RTacdqvcr.c. When processing a termination request for a call to an automatic call distribution (ACD) directory number (DN), an error return was received when the termination message was sent to the newly created terminating terminal process.

The first data dump contains the process ID of the newly created terminal process. The second data dump contains the error return from the call to the OSSENBFBM() macro. The third data dump contains the reason for creating the terminal process. The newly created terminal process will be purged. Study the stack frame dump to gain further insight into this problem. Output from the RTDUMPDATA() macro call may follow.

40. RTACDQR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTacdqv/RTacdqreq.c. When processing a termination request for a call to an automatic call distribution (ACD) directory number (DN), an error return was received when the termination message was sent to the originating terminal process. The data dump contains the MGLN_TERM message that should have been sent to the originating terminal process. Study the stack frame dump to gain further insight into this problem. Output from the RTDUMPDATA() macro call may follow.

41. RTACSOPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to reconfigure local area signaling services (LASS) dynamic data.

Data Structures:

RLAN_ILHB, RLIS_ILHB, RLAN_OLHB, RLIS_OLHB.

Action:

Refer to the LASS growth procedures.

42. RTADDLQ1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTaddl_que.c. During the initialization of RLQM_MLHG dynamic data blocks, the input argument addnum (the number of tuples to add) was out of range. The first data dump contains the invalid value. Study the stack frame dump to gain further insight into this assert.

43. RTADDLQ2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTaddl_que.c. During the initialization and addition of RLQM_MLHG dynamic data blocks due to a RC/V update or insert, the input argument addnum (the number of tuples to add) was out of range. The first data dump contains the invalid value. Study the stack frame dump to gain further insight into this assert.

44. RTADDTQ1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTaddt_que.c. During the initialization or addition (via a RC/V transaction) of rIQM_OGT tuples for modular queueing for outgoing private facilities, the input parameter containing the number of tuples to add was out of range. The first data dump contains the initflag (indicating if this is due to an initialization or a RC/V transaction). The second data dump contains the out-of-range input parameter. Study the stack frame dump to gain further insight into this assert.

45. RTAMBMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code from the OSWGETMSG() macro was encountered by the AM routing and terminal allocation (RTA) system process. No message was received. The return code from the OSWGETMSG() macro is dumped on the ROP.

46. RTAMINT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGcontl/RTaminteg.c. While checking the links to see if a message can be sent to

the specified SM, an unexpected return was received from the RTim_abnor() function. The first data dump contains the unexpected return value. Study the stack frame dump to gain further insight into this assert.

47. RTAMLNKR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the RTamlink() function.

48. RTAMUXMG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected or unknown message was received by the AM routing and terminal allocation (RTA) system process. The message head and message text of the message is dumped on the ROP.

49. RTANI_MISSING (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfg_set.c. A data inconsistency is detected in RLRT_MCRT and RLRT_SFG relations. SFG TYPE is found to be of EON SFG type in RLRT_SFG relation. But ANI II DIGS is found missing in RLRT_MCRT relation. The call is blocked with reorder tone.

Data Structures:

RLRT_MCRT. Key field: MC_RI (route index).
 RLRT_MCRT. Non-key field: ANI II DIGS.
 RLRT_MCRT. Non-key field: SFG NUM.

Action:

Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP), keyed by SFG NUM, to verify the SFG TYPE is of EON SFG. Use RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION), keyed by mc_ri, to check the value of the ANI II DIGS field. The value of ANI II DIGS must be in the range 1-99. The current value of ANI II DIGS is printed in the DATA structures. If ANI II DIGS is set to blank on RC/V View 10.4, the default value of 100 will be printed on the ROP.

50. RTANI_MISSING (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfg_set.c. A data inconsistency is detected in RLRT_MCRT and RLRT_SFG relations. SFG TYPE is found to be of EON SFG type in RLRT_SFG relation. But ANI II DIGS is found missing in RLRT_MCRT relation. The call is blocked with reorder tone.

Data Structures:

RLRT_MCRT. Key field: MC_RI (route index).
 RLRT_MCRT. Non-key field: ANI II DIGS.
 RLRT_MCRT. Non-key field: SFG NUM.

Action:

Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP), keyed by SFG NUM, to verify the SFG TYPE is of EON SFG. Use RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION), keyed by mc_ri, to check the value of the ANI II DIGS field. The value of ANI II DIGS must be in the range 1-99. The current value of ANI II DIGS is printed in the data structures.

51. RTAPBBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTauptby.c. While initializing multiline hunt group (MLHG) member status to busy, the input MGMHGKA keep alive message contained an invalid hunt type value. The first data dump contains the full text of the message. Study the stack frame dump to gain further insight into this assert.

52. RTAPVBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTauptav.c. During the initialization of trunk and/or multiline hunt group (MLHG) members, an invalid hunt type was found in the rIRT_TRKG or rIRT_MHG tuple. The first data dump contains the rIRT_TRKG or rIRT_MHG tuple that contained the invalid hunt type. The second data dump contains the passed in port parameter. Study the stack frame dump to gain further insight into this assert.

53. RTAPVBPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTauptav.c. During the initialization of trunk or multiline hunt group (MLHG) member status, the tuple retrieved from the RLPORT_GROUP relation contained an invalid group type. The first data dump contains the rLPORT_GROUP tuple. The second dump contains the port value that was passed in. Study the stack frame dump to gain further insight into this assert.

54. RTARCB11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarc_bi.c. While processing a local area signaling services (LASS) automatic recall/automatic call back (AR/AC) status query, an error return was received from the DAfownpc() primitive when checking the status of a port. The first data dump contains the error return from DAfownpc(). The second data dump contains the affected port. Study the stack frame dump to gain further insight into this assert.

55. RTARCB12 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarc_bi.c. While processing a local area signaling services (LASS) automatic recall/automatic call back (AR/AC) status query, either an unknown context argument was passed, or the context argument was set to ARCSELCA and the class of service value in the input message was unexpected. The first data dump contains the unexpected value for either case. Study the stack frame dump to gain further insight into this assert.

56. RTARCHNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarc_hunt.c or in rta/RTarc/RTarchstat.c. While processing a local area signaling services (LASS) automatic recall/automatic call back (AR/AC) call, an unknown hunt type was found. The first data dump contains the contents of the multiline hunt group (MLHG) global data block where the unknown hunt type was found. Study the stack frame dump to gain further insight into this assert.

57. RTARCRBKFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to create a local area signaling services (LASS) automatic callback/automatic recall (AC/AR) ring-back terminal process.

58. RTARCSP1 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarcreat.c. During the creation of a ringback terminal process for local area signaling services (LASS) automatic call back/automatic recall (AC/AR), an error return was received from the DAgetpcbl(), DACppopc(), or Rlupdat_b() function after the process was just created. The ringback terminal process is purged. The first data dump contains the process ID of the process to be purged or the gport. Study the stack frame dump to gain further insight into this assert.

59. RTARCSP2 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarcreat.c. During the creation of a ringback terminal process for local area signaling services (LASS) automatic call back/automatic recall (AC/AR), an error return was received from the DARhhcbr(), DAibrda(), or DAfpcda() primitive. The newly create terminal process will be purged. The first data dump contains the error return. The second data dump contains the contents of the appropriate business and residential custom services data block (BRCSDB). Study the stack frame dump to gain further insight into this assert.

60. RTARCSP3 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarcreat.c. During the creation of a ringback terminal process for local area signaling services (LASS) automatic call back/automatic recall (AC/AR), an error return was received from the Rlalloccre() or Rladdalb() primitive. The newly created terminal process will be purged. The first data dump contains the error return from the RI primitive. The second data dump contains the port member on which the update operation was to be performed. Study the stack frame dump to gain further insight into this assert.

61. RTARCTG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTarc_tg.c. While performing terminal group station restriction (TGSR)

screening during a local area signaling services (LASS) automatic recall/automatic call back (AR/AC) termination, an error return was received from the RTsrgen() function in the RTarch_tg() or RTarc_tg() function. The first data dump contains the error return. Study the stack frame dump to gain further insight into this assert.

62. RTASOPCGB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

An attempt to change the local area signaling services (LASS) global access parameters failed. To clean up after the failure, an attempt was made to set the global access parameters and all dynamic data back to its previous state, but that attempt also failed. The FCLINE audit will run to return the dynamic data to the same state as the static data. A local structure that contains the LASS global access parameters is dumped on the ROP. These parameters are the original values prior to the attempt to change the access parameters via recent change (RC).

63. RTASP_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLASP_LTM tuple is missing. One of the keys is not populated or is populated incorrectly. An advanced services platform (ASP) terminating feature ID was in the RLDN_FEATS relation for the same directory number (DN)/multi-line hunt group (MLHG) indicated by the keys to the RLASP_LTM relation.

Data Structures:

RLASP_LTM. Key fields: lead module, ltm_idx, ltm_type.

The first three items on the ROP output are the keys used to access the RLASP_LTM relation (lead module, ltm_idx, ltm_type). The lead module is the SM associated with the DN's port for a line, or with the lead member of a MLHG. Member (fourth data item) is the terminating port obtained from RLrt_dntran.portname.member. Module (fifth data item) is the terminating SM obtained from RLrt_dntran.portname.module. Party (sixth data item) is the terminating party obtained from RLrt_dntran.term_name.

Action:

This is a database inconsistency that must be corrected by manual action. Insert a tuple via ODBE in the RLASP_LTM relation in the SM specified by the lead module key. Use the values specified in the data dumped. Leave all other values unpopulated with the default values. Use RC/V View 1.64 (ADVANCED SERVICES PLATFORM LINE PARAMETERS) to update the ASP terminating trigger line parameters for the DN/MLHG.

64. RTASPOTNST (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trigger number provided as the ASP office-wide busy or ASP office-wide no_answer trigger has an invalid protocol or the rINS_TRIG tuple does not exist. The call will proceed, but will not monitor for busy if the office-wide busy trigger caused the assert, and will not monitor for no_answer if the office-wide no_answer trigger caused the assert.

RC/V View 8.49 (ADVANCED SERVICES PLATFORM PARAMETERS) verifies that the trigger number specified for ORIG BL TRIG and ORIG NA TRIG must exist in rINS_TRIG and must be an ASP R0D1 trigger. Therefore, the trigger number was valid when ORIG BL TRIG and ORIG NA TRIG were set using RC/V View 8.49. The problem was caused by one of the following two situations:

- (1) The trigger number was deleted using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).

- (2) The trigger number was updated using RC/V view 9.35. The protocol of the trigger number is no longer R0D1.

Data Structures:

RLNS_TRIG. Key field: trignum.

Action:

To correct the problem caused by a missing rINS_TRIG tuple, perform one of the following actions:

- (1) Using RC/V View 9.35, insert the trigger. Set the APPLICATION to ASP, and the AIN REL to R0D1.
- (2) Using RC/V View 8.49, change the ORIG BL TRIG or ORIG NA TRIG to an existing ASP R0D1 trigger. (Obtain the trigger number using RC/V View 9.35).

To correct the problem caused by a protocol mismatch, perform one of the following actions:

- (1) Using RC/V View 9.35, update the trigger. Set the APPLICATION to ASP, and the AIN REL to R0D1.
- (2) Using RC/V View 8.49, change the ORIG BL TRIG or ORIG NA TRIG to an existing ASP R0D1 trigger. (Obtain the trigger number using RC/V View 9.35).

65. RTASPOTNST (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The trigger number provided as the ASP office-wide busy or ASP office-wide no_answer trigger has an invalid protocol or the rINS_TRIG tuple does not exist. The call will proceed, but will not monitor for busy if the office-wide busy trigger caused the assert, and will not monitor for no_answer if the office-wide no_answer trigger caused the assert.

RC/V View 8.1 [OFFICE PARAMETERS (MISCELLANEOUS)] verifies that the trigger number specified for ASP BL TRIG NBR and ASP NA TRIG NBR must exist in rINS_TRIG and must be an ASP R0D1 trigger. Therefore, the trigger number was valid when ASP BL TRIG NBR and ASP NA TRIG NBR were set using RC/V View 8.1. The problem was caused by one of the following two situations:

- (1) The trigger number was deleted using RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION).
- (2) The trigger number was updated using RC/V View 9.35. The protocol of the trigger number is no longer R0D1.

Data Structures:

RLNS_TRIG. Key field: trignum.

Action:

To correct the problem caused by a missing rINS_TRIG tuple, perform one of the following actions:

- (1) Using RC/V View 9.35, insert the trigger. Set the APPLICATION to ASP, and the AIN REL to R0D1.
- (2) Using RC/V View 8.1, change the ASP BL TRIG NBR or ASP NA TRIG NBR to an existing ASP R0D1 trigger. (Obtain the trigger number using RC/V View 9.35).

To correct the problem caused by a protocol mismatch, perform one of the following actions:

- (1) Using RC/V View 9.35, update the trigger. Set the APPLICATION to ASP, and the AIN REL to R0D1.
- (2) Using RC/V View 8.1, change the ASP BL TRIG NBR or ASP NA TRIG NBR to an existing ASP R0D1 trigger. (Obtain the trigger number using RC/V View 9.35).

66. RTASRT01 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function DBfuptup() returned error when attempting to update the multi-line hunt group call forwarding attribute, cfvind, in relation RLRT_MHG.

67. RTASRT02 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function DBfuptup() returned error when attempting to update the multi-line hunt group call forwarding attribute, cfvind, in relation RLRT_MHG.

68. RTASRT03 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the keystate parameter received by the function RThuntkey() is invalid. The value should be either RTKEYOFF or RTKEYON.

69. RTASRT04 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the attribute grptype in relation RLPORT_GROUP is unknown. The value should be either TM_LINE or TM_TRK.

70. RTASRT05 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the request parameter received by the function RTportstat() is invalid. The value should be either RTIDLE_PORT or RTBUSY_PORT.

71. RTASRT06 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The value of the action parameter received by the function RTupstat() is unknown.

72. RTATCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAT_CF relation, a failure code of DBNO_MATCH was returned. The rLAT_CF tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLAT_CF. Key field: fid (feature ID).

The current module is the second item dumped (not a key).

Action:

This is a database inconsistency that can only be corrected by manual action.

73. RTATCNTMSK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find an rATCNTMSK tuple using the keys grpnum and hgid. The attempt resulted in the DBNO_MATCH return code. This SM received an MGBLFREPLY message from the routing module for this hundreds group. The rIMODH_BLF and rIMODM_BLF dynamic tuples must exist on the routing module, and the rIATTH_BLF and rIATTM_BLF dynamic tuples must exist on this SM before the busy lamp field (BLF) status could be provided to an integrated services digital network (ISDN) attendant (ISAT) console on this SM.

The necessary rATCNTMSK static tuple is missing on this SM, the key values provided are incorrect, or a problem exists with all of the dynamic tuples mentioned or their linkages.

Data Structures:

The following keys from the attempted read of the RLATCNTMSK relation are dumped: hgid (the hundreds group identifier in hex), and grpnum (the attendant hunt group number in decimal).

Action:

This is a database inconsistency that can only be corrected by manual action. Convert the hgid value to its equivalent ofc code and hund grp values. Examples:

(1) If the hgid value is 935, this is digit 4 (D4) and digit 3 (D3). 935 is a hex value that must be converted to its equivalent decimal value (decimal is also 9 in this case). This decimal value is the noc. Use the RLOFFICECODE relation to convert this noc to its equivalent nxx.

(2) If the hgid value is 5645, this is digit 4 (D4) and digit 3 (D3). 5645 is a hex value that must be converted to its equivalent decimal value (decimal is 86 in this case). This decimal value is the noc. Use the RLOFFICECODE relation to convert this noc to its equivalent nxx.

Read RC/V View 4.26 (ISDN HUNDREDS GROUP BUSY LAMPS) using the nxx as the value for the first key (ofc code) and D4D3 as the value for the second key (hund grp). If this entry does not exist, the dynamic tuples listed in the Problem section and their linkages exist when they should not, or an invalid hgid value was supplied. Purge the BLFSP system process on this SM and on the routing module.

If this entry does exist, there is a discrepancy between the RLATCNTMSK and RLMONI_BLF relations located on the routing module and/or each SM listed on the view must be corrected.

74. RTATGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLAT_GRP relation, a failure code of DBNO_MATCH was returned. The rLAT_GRP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLAT_GRP. Key field: acvt_gpid.

The module field is also dumped.

Action:

This is a database inconsistency that can only be corrected by manual action.

75. RTATHPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLATH_PRT relation, a failure code of DBNO_MATCH was returned. The rLATH_PRT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLATH_PRT. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

76. RTATH_RLID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect relation ID was passed as a parameter to the RTath_dtrg() function.

77. RTATHRRL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTath_rrel.c. When attempting to obtain authorization code information on the AM, an error return was received from the DBfrdtup() primitive when attempting to read the RLATH_CODE relation - this return was not DBNO_MATCH. The first data dump contains the text of the input MGRT_RDATH message. Study the stack frame dump to gain further insight into this assert.

78. RTATHTRG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTath_dtrg.c. This routing and terminal allocation (RTA) trigger function is normally called to send a MGFC_DLATH message to the SM to delete an authorization code from the SM cache. However, an improper input relid was passed to the RTath_dtrg() function. The first data dump contains the invalid relid. Study the stack frame dump to gain further insight into this assert.

79. RTATTMBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLATTM_BLF relation, a failure code of DBNO_MATCH was returned. The rIATTM_BLF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLATTM_BLF. Key field: latidx.

Action:

This is a database inconsistency that can only be corrected by manual action.

80. RTAU3PCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTmcaoff.c. During an integrated services digital network (ISDN) multiple call appearance (MCA) origination, an error return of OSEPROC was received from the OSSENDMSG() macro when attempting to send a Q.931 message. The first data dump contains the impacted process control block link area (PCBLA). The second data dump contains the process ID of the message destination, and the third data dump contains the body of the message. The PCBLA audit is called. Study the stack frame dump to gain further insight into this assert.

81. RTAU3PORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. During the processing of nail-up connections, the RTnuinfo() function received an invalid return from the DAgetptla() primitive when attempting to read the port linkage area (PORTLA) of a nail-up port. The PORTLA audit is called. The first data dump contains the global port impacted. The second data dump contains the appropriate tuple previously read from the RLNAILUP relation. The third dump contains the input RTNUINMSG structure that was passed to the RTnuinfo() function. Study the stack frame dump to gain further insight into this assert.

82. RTAU3QM_MLHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

An exception occurred in rta/RTmfcqu (various files) when performing work related to the line queueing feature. While manipulating RLQM_MLHG dynamic data blocks, an error return was received from a database (DB) or dynamic access (DA) primitive. Three data dumps are printed. Study the stack frame dump to determine the location that this assert was fired from, and the three data dumps to gain further insight into this assert. The AUQM_MLHG audit is called.

83. RTAU4PCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTterm/RTlineterm.c. During processing of a line termination to a shared directory number (DN) analog line, an error return was received from the RTbusysa() function. The first data dump contains the port linkage area (PORTLA) for the port to be terminated to. The second data dump contains the error return from RTbusysa(). The process control block link area (PCBLA) audit (and any other related audit) will run. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

84. RTAU4PORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTterm/RTpf_slvld.c. During the processing of an offhook or onhook from a scan point, an unknown return was received from the DAfownpc() function. The first data dump contains the contents of the rIFC_PORTTYP tuple for the port. The second data dump contains the contents of the MGPF_SLV message received by the RTpf_slvld() function. The port linkage area (PORTLA) audit (and any related audits as appropriate) are scheduled. Study the stack frame dump to gain further insight into this assert.

85. RTAUATTH_BLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

A dynamic access (DA) failure occurred when accessing an rIATTH_BLF tuple.

86. RTAUATTM_BLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

A dynamic access (DA) failure occurred when accessing an rIATTM_BLF tuple.

87. RTAUBADRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the transition out of remote SM (RSM) stand-alone, an inconsistency was found in the RLMEM or RLLGMEM relation. These index accessed dynamic relations are created when an RSM goes into stand-alone and deleted when an RSM comes out of stand-alone.

The RLMEM and RLLGMEM relations are used to indicate which members of a multiline hunt group (MLHG) are located on the RSM. The RLMEM relation is for small MLHGs (all MLHG members are in the range 1-63), the RLLGMEM relation is for large MLHGs (the MLHG has a member 64 or greater). The MLHG group number is the key to these relations.

When the tuple was read, the key found in the tuple did not match the key used to calculate the tuple address. The following data items are dumped: 1) the rIRT_MHG static tuple (the first two bytes are the MLHG group number) and 2) the rIMEM or rILGMEM dynamic tuple (the first two bytes are the MLHG group number).

No recovery action is required since these relations are removed when the RSM comes out of stand-alone. The data will be re-initialized the next time the RSM goes into stand-alone. Contact the next level of support if this assert continues to fire.

88. RTAUBRCSDb (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BRCSDB	Audit Mode: elev

Problem:

A failure occurred that is related to the business and residential custom services (BRCS) data block (BRCSDB). The following list provides BRCSDB related occurrences and a possible key to where the problem may have occurred.

- Unable to remove the BRCSDB from the idle list in the DARhhcbr() primitive.

- Unable to link the BRCSDB to the D-channel application linkage block (DALB) in the DALbrda() function.
- Unable to get a pointer to the BRCSDB.
- Unable to unlink the BRCSDB from the DALB in the DAubrda() primitive.
- Unable to put the BRCSDB back on the idle list in the DAahhcbr() primitive.

89. RTAUCKTDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An error occurred with the dynamic data relation RLPORTLA.

90. RTAUCPLR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred with the dynamic relation RLCPLR.

Probable Cause:

There is an error in the linkage between the RLPCBLA, RLCPLR, and RLPORTLA relations.

Action:

An audit of the RLCPLR relation is requested. If this assert continues, report the problem to the product engineering control center (PECC).

91. RTAUDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

An error occurred while accessing the rIDALB tuple.

92. RTAUDESTROY (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

This assert is used to destroy processes.

93. RTAUDLTBDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTBDB	Audit Mode: elev

Problem:

A failure occurred while trying to manipulate the RDLTSBDB relation. To fix the error, the DLTBDB audit will be run. The rIDLTBDB tuple that caused the failure is dumped.

94. RTAUDMBRCSDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BRCSDB	Audit Mode: nonseg

Problem:

A failure occurred that is related to the business and residential custom services (BRCS) data block (BRCSDB).

Could not return the BRCSDB to the idle list.

95. RTAUDMDALB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DALB	Audit Mode: nonseq

Problem:

A failure occurred that is related to the D-channel application linkage block (DALB) data block. Could not return the DALB to the idle list.

96. RTAUDMDISPDB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: DISPDB	Audit Mode: nonseq

Problem:

A failure occurred that is related to the display data block (DISPDB). Could not return the DISPDB to the idle list.

97. RTAUDNLTSDDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTSDDB	Audit Mode: elev

Problem:

An exception occurred in the RTrc_Itsbpt() function when attempting to insert or link a new rIDLTSDDB tuple. To fix this error, the DLTSDDB audit will be run. This exception occurred for one of the following reasons: 1) a failure return was received from the DBfintup() primitive when attempting to insert the new rIDLTSDDB tuple, or 2) a failure return was received from the DAathcdt() primitive when attempting link the newly created tuple to the idle list.

See the stack frame dumped to determine the location that the assert was called from. The first data dump contains the rIDLTSDDB tuple to be inserted and the second dump contains the failure return value.

98. RTAUDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An error occurred while accessing an rIDPB tuple.

99. RTAUCITK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRTICITK relation, a failure code of DBNO_MATCH was returned. The rIRTICITK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTICITK. Key fields: grptype, orig_tgn, icigrp.

Action:

This is a database inconsistency that can only be corrected by manual action.

100. RTAULDAT_BLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

A dynamic access (DA) failure occurred when accessing an rILDAT_BLF tuple.

101. RTAULGLNSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGLNSTAT	Audit Mode: elev

Problem:

An inconsistency was found between the routing and terminal allocation (RTA) dynamic relation RLLGLNSTAT and the static relation RLRT_MHG. The AULGLNSTAT audit will clear the problem.

102. RTAULGSFSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGSFSTAT	Audit Mode: elev

Problem:

An exception occurred in rta/RTstatus/RTsccof.c, rta/RTGbrcs/RTsffstht.c, rta/RTinit/RTinlgsfst.c, rta/RTrcv/RTrcsfs_lg.c, or rta/RTstatus/RTsfg_stat.c. A failure occurred when attempting to insert (RTinlgsfst.c), delete (RTrcsfs_lg.c), or retrieve (the rest of the cases) an rLGSFSTAT tuple.

The data dump contains the simulated facilities group (SFG) group number (RTsfg_stat.c) or the contents of the tuple (the rest of the cases). The LGSFSTAT audit will be run. Study the stack frame dump to gain further insight into this problem.

103. RTAULGTKSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGTKSTAT	Audit Mode: elev

Problem:

An inconsistency was found between the routing and terminal allocation (RTA) dynamic relation RLLGTKSTAT and the static relation RLRT_TRKG. The AULGTKSTAT audit will correct the problem.

104. RTAULNSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNSTAT	Audit Mode: elev

Problem:

An inconsistency was found between the routing and terminal allocation (RTA) dynamic relation RLLNSTAT and the static relation RLRT_MHG. The AULNSTAT audit will clear the problem.

105. RTAULTMSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LTMSTAT	Audit Mode: elev

Problem:

A failure occurred while accessing the RLLTMSTAT relation or corrupted data was detected in the dynamic data structure.

106. RTAULTSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LTSBSTAT	Audit Mode: elev

Problem:

Failed to read or update the RLLTSBSTAT relation. An rLTSBSTAT tuple should exist for a given port because the lead_line bit in the RLLTSBPORT relation is set to DBYES, but the tuple does not exist. To correct the problem, the LTSBSTAT audit is run. The rLTSBSTAT tuple that is believed to be in error is dumped.

107. RTAUMODH_BLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

A dynamic access (DA) failure occurred when accessing an rIMODH_BLF tuple.

108. RTAUMODM_BLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BLF	Audit Mode: elev

Problem:

A dynamic access (DA) failure occurred when accessing an rIMODM_BLF tuple.

109. RTAUNCKTDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An exception occurred in rta/RTterm/RTckterm.c, rta/RTterm/RTtrkterm.c, or rta/RTamps/RTapterm.c. An error return was received from the RTfownpc() function when attempting to check the status of the port routed to. The first data dump contains the contents of the port's port linkage area (PORTLA). The second data dump contains the error return. Study the stack frame dump to gain further insight into this assert.

110. RTAUNLGTKSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LGTKSTAT	Audit Mode: elev

Problem:

An exception occurred in rta/RTrcv/RTtrct_lgt.c. During an RC/V update for trunk groups, the routing and terminal allocation (RTA) trigger function charged with growing the dynamic data block from a RLTKSTAT to a RLLGKSTAT block, failed to delete the old rITKSTAT tuple which led to a second failure when attempting to delete the new rLGTKSTAT tuple. The first data dump contains the contents of the new rLGTKSTAT tuple. The second data dump contains the error return received from the DBfdltup() primitive when attempting to delete the new tuple. The LGTKSTAT audit will be run. Study the stack frame dump to gain further insight into this assert.

111. RTAUNLTMSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LTMSTAT	Audit Mode: elev

Problem:

An exception occurred in the rta/RTisdn/RTadcasel.c, rta/RTisdn/RTbusysa.c, or RTmcaoff.c file. An unsuccessful attempt to update the status of a sub-address in the RLLTMSTAT relation occurred. The first data dump contains the relevant rLTMSTAT tuple. The second data dump contains the relevant rIIS_LINE tuple. The LTMSTAT audit will be run. Study the stack frame dump to gain further insight into this assert.

112. RTAUNLTSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LTSBSTAT	Audit Mode: elev

Problem:

An exception occurred in the RTrc_Itsbt() function during the read or update of the RLLTSBSTAT relation. The code expects the rLTSBSTAT tuple to exist for a given port (because the lead_line bit in the dynamic relation RLLTSBPORT is set to DBYES), but the tuple does not exist. To correct the problem, the LTSBSTAT audit is run.

The contents of the rLTSBSTAT tuple that is expected to be in error is dumped. The second dump is the return code from the DBfrdtup(), DBupgparm(), RTltdbnd(), DBfintup(), or DBathcdt() function. See the stack frame dump to determine which function originated the return code.

113. RTAUNONE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is the general routing and terminal allocation (RTA) assert which schedules no audits.

114. RTAUNPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTfeatdispc.c. During the attempt to send a message to a newly created feature or display terminal process, an error return of OSEPROC was received from the OSSENDMSG() macro. The first data dump contains the process ID of the new process. The second data dump contains the contents of the message. Study the stack frame dump to gain further insight into this assert. The process control block link area (PCBLA) audit will run.

115. RTAUNPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTnswss/RTnuconn.c or in rta/RTisdn/RTfeatdispc.c. During the creation of a nail-up connection, an error return was received from the DAggetptla() primitive in the RTnucreat() function; or during the attempt to create a feature or display terminal process, an error return was received from the DAfownpc() primitive. The first data dump contains the contents of the rINAILUP tuple passed to the RTnucreat() function or the D port. The second data dump contains the rIORTLA tuple of the second nail-up port or of the D port. The PORTLA audit is called. Study the stack frame dump to gain further insight into this assert.

116. RTAUNQM_MLHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

An exception occurred in rta/RTmfcqu (various files) when performing work related to the line queueing feature. While manipulating RLQM_MLHG dynamic data blocks, an error return was received from a database (DB) or dynamic access (DA) primitive. The first data dump contains the key value of the rIQM_MLHG tuple in question. The second data dump contains the error return value. The AUQM_MLHG audit is called. Study the stack frame dump to gain further insight into this assert.

117. RTAUNQO_MLHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

An exception occurred in rta/RTmfcqu (various files) when performing work related to the line queueing feature. During the manipulation of RLQO_MLHG dynamic data blocks, an error return was received from a database (DB) or dynamic access (DA) primitive. The first data dump contains the group number of the rIQO_MLHG tuple in question. The second data dump contains the error return value. The AUQO_MLHG audit is called. Study the stack frame dump to gain further insight into this assert.

118. RTAUNRTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An exception occurred in rta/RTarc/RTarchstat.c. While processing a local area signaling services (LASS) automatic call back/automatic recall (AC/AR) status query, the dynamic data for a multiple position hunt (MUPH) group could not be retrieved. The first data dump contains the error return from the DBretrvblk() primitive. The second data dump contains the value of the MUPH group. Study the stack frame dump to gain further insight into this assert. The multi-line hunt group (MLHG) audit is scheduled.

119. RTAUNTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

An exception occurred in rta/RTblf/RTsndtgbwl.c. During an attempt to turn the integrated services digital network (ISDN) attendant trunk group busy warning lamp on or off, the appropriate RLTEDB dynamic data block was unable to be accessed in the RTlitetone() function. The first data dump contains the D-port value that was passed. The second data dump contains the error return from the ISTEFRSC() macro. The terminal equipment data block (TEDB) audit is called. Study the stack frame dump to gain further insight into this assert.

120. RTAUNTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTfeatdispc.c. During the attempt to create a new feature or display terminal process, the RTfeatdisp() function could not correctly access the relevant terminal endpoint identifier linkage area (TEILA). The first data dump contains the contents of the relevant terminal equipment data block (TEDB), and the second data dump contains the contents of the TEILA accessed. The TEILA audit is called. Study the stack frame dump to gain further insight into this assert.

121. RTAUPCBLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An error occurred with the dynamic data relation RLPCBLA.

122. RTAUPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An error occurred with the dynamic data relation RLPORTLA.

123. RTAUPOSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ACDPOSDB	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTacdterm.c. An inconsistency was detected between the RLLTMSTAT and RLACDPOSDB relations concerning the automatic call distribution (ACD) position state. An ACDPOSDB audit is scheduled to clear the problem.

124. RTAUQ_ISAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple into the dynamic relation RLQ_ISAT.

Data Structures:
RLQU_OS, RLQ_ISAT.

Action:

The RLQ_ISAT dynamic relation is based on static data in the RLQU_OS relation. The RLQU_OS relation should be verified.

125. RTAUQM_MLHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

Could not read an rIQM_MLHG tuple or the tuple was not owned by the multiline hunt group.

126. RTAUQMOGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OGT	Audit Mode: elev

Problem:

A failure occurred in reading or writing a dynamic modular queueing phase II queue member tuple. The audit AUQM_OGT will clear the problem.

127. RTAUQO_ICI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple into the owner relation RLQO_ICI for integrated services attendant (ISAT) multiline hunt group queueing.

Data Structures:
RLQU_OS, RLQO_ICI.

Action:

The RLQO_ICI relation is initialized based on data in the static relation RLICX_ICI. The RLICX_ICI relation should be verified.

128. RTAUQO_MLHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MLHG	Audit Mode: elev

Problem:

Could not read an rIQO_MLHG tuple or the tuple was not owned by the multiline hunt group.

129. RTAUQOOGT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OGT	Audit Mode: elev

Problem:

A failure occurred in reading or writing a dynamic modular queueing phase II queue owner tuple. The audit AUQO_OGT will clear the problem.

130. RTAUQUOGTOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: OGTOS	Audit Mode: elev

Problem:

An inconsistency was found in the static relation RLQU_OGTOS and the dynamic data in the dynamic relation RLQO_OGT. The audit AUQU_OGTOS will clear the problem.

131. RTAURCVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message type and from pid values are dumped for corrupted messages.

132. RTAUREPLYBLF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: REPLYBLF	Audit Mode: elev

Problem:

A dynamic access (DA) failure occurred when accessing an rIREPLYBLF tuple.

133. RTAURTMHG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An inconsistency was found between the static relation RLRT_MHG and the routing and terminal allocation (RTA) dynamic multiline hunt group (MLHG) data. The audit AURTMHG will correct any discrepancies. The group number used to access the dynamic relation may be wrong; or the group number is correct, but the dynamic data does not exist.

Because of the distributed nature of hunting data, certain events can cause this assert to occur occasionally. An SM or remote SM (RSM) going into and out of standalone, or recent change activity affecting the MLHG such as originations and terminations can cause several of these asserts to occur for a short period of time. These occurrences should be ignored. However, if the assert continues to occur or occurs in large numbers, the appropriate organization should be contacted to provide a fix.

134. RTAURTMUPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MUPHST	Audit Mode: elev

Problem:

During call processing a data problem was encountered with the multi-position hunt dynamic data. An audit is scheduled to clean up the data inconsistencies.

135. RTAURTTRKG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTTRKG	Audit Mode: elev

Problem:

An inconsistency was found between the static trunk group data in the RLRT_TRKG relation and routing and terminal allocation (RTA) linearly hunted dynamic trunk group data. The AURTTRKG audit will correct the problem.

136. RTAUSFSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SFSTAT	Audit Mode: elev

Problem:

An exception occurred in rta/RTstatus/RTsccof.c, rta/RTGbrcs/RTsffstht.c, rta/RTinit/RTinsfstat.c, rta/RTrcv/RTrcsflg_s.c, rta/RTstatus/RTsfg_stat.c or rta/RTisatnd/RTtgrfsh.c. A failure occurred when attempting to

insert (RTinsfstat.c), delete (RTrcsflg_s.c), or retrieve (the rest of the cases) an rISFSTAT tuple.

The data dump contains the simulated facilities group (SFG) group number (RTsfg_stat.c and RTtgrfsh.c) or the contents of the tuple (the rest of the cases). The SFSTAT audit will be run. Study the stack frame dump to gain further insight into this problem.

137. RTAUTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

A failure occurred while accessing the RLTEDB relation. Could not get a pointer to the rITEDB tuple.

138. RTAUTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

An error was found when accessing the RLTEILA relation.

139. RTAUTKOWNER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKOWNER	Audit Mode: elev

Problem:

An error occurred with the dynamic relation RLTKOWNER.

140. RTAUTKQUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKQUE	Audit Mode: elev

Problem:

An error was encountered with dynamic relation RLTKQUE.

If a busy trunk member is deleted with RC/V View 5.5 (TRUNK MEMBER), the busy member becomes idle. This is due to a window condition in which call processing attempts to access the RLTKOWNER relation with a key that no longer exists because RC/V deleted it. The assert can be ignored for this situation, since the integrity of the data was not affected.

141. RTAUTKSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TKSTAT	Audit Mode: elev

Problem:

An inconsistency was found between the routing and terminal allocation (RTA) dynamic linearly hunted trunk group data and the static relation RLRT_TRKG. The AUTKSTAT audit will correct the problem.

142. RTBADBMAPE9 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The valid electronic switching network (ESN) bitmap does not exist.

Data Structures:

RLESN_MAP, RLESNTRAN.

Action:

Use ODBE to verify that the rIESN_MAP tuple actually does not exist. Use ODBE to insert the tuple, or insert any unused ESN temporarily, which will cause this tuple to be inserted. RC/V View 9.40 (SELECTIVE ROUTING AND TRANSFER DATA FOR ESN [SM/DAS]) can also be used to insert the rIESN_MAP tuple.

143. RTBADESNE9 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists between the RLESNTRAN relation in the CMP and the RLESCO relation on the SM indicated.

Data Structures:

RLESNRTAN, RLESCO.

Action:

Determine which relation is incorrect.

144. RTBADHTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to process a trunk group keep alive request, an illegal hunt type was found. This occurred after the RLRT_TRKG relation was successfully read and the htype attribute was switched on.

Data Structures:

RLRT_TRKG.

The ROP output provides the following fields in the order listed: RLrt_trkg.grpnum and RLrt_trkg.htype.

Action:

This is a database inconsistency because an unknown hunt type value was found in the rLRT_TRKG tuple just read. Verify the accuracy of the tuple on the current module, especially the htype field.

145. RTBADMATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not determine the originating or terminating remote SM (RSM) mate. A database (DB) failure was returned when reading the RLCL_MATES relation.

146. RTBADRTSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or undefined routing state was encountered.

147. RTBCERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTreqihkys.c. An error return was received from the OSBCAST() macro when

attempting to broadcast to all SMs the request to update all integrated services digital network (ISDN) multiline hunt group (MLHG) huntkeys. The first data dump contains the return value from OSBCAST(), the second data dump contains the process ID of the process to receive the broadcast message on each operational SM, and the third dump contains the body of the MGCHKIHKYS message itself. Study the stack frame dump to gain further insight into this assert.

148. RTBCLCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rBCL_CF tuple with the given key cannot be found in the static database. The tuple is missing or the key used to access the tuple is invalid.

Data Structures:

RLBCL_CF. Key field: feat_id.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V View 12.62 (BULK CALLING LINE IDENTIFICATION FEATURE DEFINITION) to re-insert the features for that user.

149. RTBCLGCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected when attempting to assign a line identification feature. A duplicate rBCLGCNT tuple was found in an attempt to insert a new tuple. The GRPIDX value dumped is a duplicate (in use) index. The invalid index is acquired from the grptype and grpnum fields of the RLBCL_MHTG relation. The macro used to convert the GRPIDX is RTNUMTYP2IDX(grpnum, grptype).

Data Structures:

RLBCL_MHTG. Key fields: grpnum, grptype.

Action:

Attempt to resolve the data inconsistency with the following audits: AUD:BCLMHTG,SM=x and AUD:BCLGCNT,SM=x (where "x" is the number of the SM where the assert fired), or AUD:BCLMHTG,CMP=0 and AUD:BCLGCNT,CMP=0. If the problem is not corrected by these audits, collect printout data and escalate to your next level of support.

150. RTBCLGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rBCL_GRP tuple with the given key cannot be found in the static database. The tuple is missing or the key used to access the tuple is invalid.

Data Structures:

RLBCL_GRP. Key field: bcgpid.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V View 4.62 (BULK CALLING LINE IDENTIFICATION GROUP PARAMETERS) to create the group for the customer. Then use RC/V View 1.62 (BULK CALLING LINE IDENTIFICATION LINE PARAMETERS) to assign the group to BCLID.

151. RTBCLLCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected when attempting to assign a line identification feature. A duplicate rBCLLCNT tuple was found in an attempt to insert a new tuple. The BCL_IDX value dumped is a duplicate (in use) index. The invalid index was acquired from the RLBC_LTM and RLBCLLTH relations.

Data Structures:

RLBCLLTH. Key fields: module, bcl_idx, qid.

RLBC_LTM. Key fields: ltm_idx, ltm_type, lead_module.

Action:

Attempt to resolve the data inconsistency with the following audits: AUD:BCLLTM,SM=x and AUD:BCLLCNT,SM=x (where "x" is the number of the SM where the assert fired). If the problem is not corrected by these audits, collect printout data and escalate to your next level of support.

152. RTBCLLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rBCL_LTM tuple with the given keys cannot be found in the static database. The tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLBC_LTM. Key fields: ltm_idx, ltm_type, lead_module.

Action:

This is a database inconsistency that can only be corrected by manual action.

1. Verify that the keys are valid. LTM_TYPE will be 0 or 1, and LTM_IDX must be between 1 and 4095. If the keys are not valid, file a trouble report.
2. Use ODBE in the batch read (BR) mode to read the RL_FCLINE relation from the SM that the assert was fired from into a *UNIX*[®] file. Use the *UNIX*[®] editor to locate the rFC_LINE tuple that has the same LTM_TYPE and LTM_IDX printed on the ROP by checking the ltm_type and ltm_idx attributes.
3. Determine if the rFC_LINE tuple's port and party have been assigned the bulk calling line identification (BCLID) feature. If so, reset the brc_dn bit in the tuple.
4. Use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]), or RC/V View 1.8 (ANALOG LINE/BRCS ASSIGNMENT), or RC/V View 23.8 (DSL/BRCS ASSIGNMENT) to re-insert the features for that user.
5. If the rFC_LINE tuple's port and party have not been assigned the BCLID feature, determine if they have been assigned as part of a business and residential custom services (BRCS) features group (BFG).
6. Use RC/V View 12.9 (BRCS FEATURE GROUP CONSTRUCTION AND UPDATE) to re-assign the user to the BFG.
7. If the error cannot be corrected by steps 2-6, file a trouble report.

153. RTBCLMHTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rBCL_MHTG tuple with the given keys cannot be found in the static database. The tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLBCL_MHTG. Key fields: grpnum, grptype.

Action:

This is a database inconsistency that can only be corrected by manual action.

1. If grptype equals 1, use RC/V View 5.1 (TRUNK GROUP) to re-insert the features for that user.
2. If grptype equals 0, use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]), or RC/V View 1.8 (ANALOG LINE/BRCS ASSIGNMENT), or RC/V View 23.8 (DSL/BRCS ASSIGNMENT) to re-insert the features for that user.

154. RTBCLOPTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rBCL_OPTS tuple with the given key cannot be found in the static database. The tuple is missing or the key used to access the tuple is invalid.

Data Structures:

RLBCL_OPTS. Key field: feat_id.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V View 12.62 (BULK CALLING LINE IDENTIFICATION FEATURE DEFINITION) to re-insert the features for that user.

155. RTBFGPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation RLCKT_PORT was read with invalid key values, (ckname, port_idx) or a tuple is missing from this relation. This is a database inconsistency - contact your next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

156. RTBFMLG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTjump.c or rta/RTGmlg/RTbfmlg.c. During the selection of a multiline hunt group (MLHG) group and/or member for a line termination, a standalone condition was encountered. When attempting to perform standalone routing, an invalid return was received from the RTjumpstest() function. The first data dump contains the invalid return value. Study the stack frame dump to gain further insight into this assert.

157. RTBGRP BH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTbusygrp.c. During an attempt to update the group make busy flag for a multiline hunt group (MLHG), an invalid hunt type was passed as an argument. The first data dump contains the MLHG number, and the second data dump contains the hunt type. Study the stack frame dump to gain further

insight into this assert.

158. RT_BIKYPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the RLBIKYPM relation.

Data Structures:

RLBIKYPM. Key fields: grpnum, member.

Action

Manual action is needed to remove the rBIKYPM tuple.

159. RTBKYPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLBIKYPM relation, a failure code of DBNO_MATCH was returned. The rBIKYPM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLBIKYPM. Key fields: grpnum, member.

Action:

This is a database inconsistency that can only be corrected by manual action.

160. RTBLFCL1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfclock.c. In the RTblfclock(), RTrmreply(), or RTadreply() function, an error return was received from the DAGhhcly() primitive when trying to access the RLLDAT_BLF relation, or an invalid value was found in the rILDAT_BLF tuple accessed. The first data dump contains the key used to access the relation, or the contents of the tuple retrieved. Study the stack frame dump to gain further insight into this assert.

161. RTBLFCL2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfclock.c. In the RTupdate() function, when attempting to send a message to the 100s group controller, an invalid message type was found in the appropriate array element of the RTupdtq[] structure. The first data dump contains the contents of the appropriate array structure. Study the stack frame dump to gain further insight into this assert.

162. RTBLFCL3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfclock.c. In the RTblftimer() or RTadmodm() function, an error return was received from the DARhdhdm() or DAGsdhdm() primitive when attempting to access a tuple in the RLMODM_BLF dynamic relation. The first data dump contains the key to or previous copy of a tuple from that relation. Study the

stack frame dump to gain further insight into this assert.

163. RTBLFCL4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfclock.c. In the RTadmodh(), RTrmmodh(), or RTfndmodh() function, an error return was received from the DAghhcdh() primitive when attempting to access a tuple in the RLMDH_BLF dynamic relation. The first data dump contains the key to or previous tuple of the relevant rIMODH_BLF tuple. Study the stack frame dump to gain further insight into this assert.

164. RTBLFCL5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfclock.c. In the RTmatth() or RTadatth() function, an error return was received from the DAahhcb() primitive when attempting to access a tuple from the RLATTH_BLF dynamic relation. The first data dump contains the key to or previous tuple of the relevant rIATTH_BLF tuple. Study the stack frame dump to gain further insight into this assert.

165. RTBLFCL6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfclock.c. In the RTadattm() function, an error return was received from the DAahbltm() primitive when attempting to add an rIATTM_BLF tuple to the busy list. The first data dump contains the contents of the tuple to be added to the busy list. Study the stack frame dump to gain further insight into this assert.

166. RTBLFMA1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmain.c. An error return of OSERANGE was received from the OSWGETMSG() macro. An invalid maxtime was provided to OSWGETMSG(). The first data dump contains the return value from the OSWGETMSG() macro. The second data dump contains the maxtime value that was provided to OSWGETMSG(). Study the stack frame dump to gain further insight into this assert.

167. RTBLFMA2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmain.c. An error return of OSELENGTH was received from the OSWGETMSG() macro. A truncated message was received by OSWGETMSG(). The first data dump contains the return value from the OSWGETMSG() macro. The second data dump contains the message received by OSWGETMSG(). Study the stack frame dump to gain further insight into this assert.

168. RTBLFMA3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmain.c. The OSWGETMSG() macro expired because the OSTIMER()

macro was provided an invalid time parameter resulting in an error return of OSERANGE from OSTIMER(). The first data dump contains the return value from the OSWGETMSG() macro. The second data dump contains the return value from the OSTIMER() macro. The third data dump contains the time value that was provided to OSTIMER(). Study the stack frame dump to gain further insight into this assert.

169. RTBLFMA4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmain.c. The OSWGETMSG() macro expired even though there was an outstanding timer via the OSTIMER() macro. The first data dump contains the return value from the OSWGETMSG() macro. The second data dump contains the maxtime value that was provided to OSWGETMSG(). The third data dump contains the time value that was provided to OSTIMER(). Study the stack frame dump to gain further insight into this assert.

170. RTBLFMA5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmain.c. The OSWGETMSG() macro timed out. The first data dump contains the return value from OSWGETMSG(). The second data dump contains the maxtime value that was provided to OSWGETMSG(). Study the stack frame dump to gain further insight into this assert.

171. RTBLFMA6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmain.c. The OSWGETMSG() macro returned an invalid return code. The data dump contains the return value from OSWGETMSG(). Study the stack frame dump to gain further insight into this assert.

172. RTBLFMG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTblfmsghd.c. In the RTblf_msghd() function, an invalid message was received. The data dump contains the contents of the unexpected message. Study the stack frame dump to gain further insight into this assert.

173. RTBOSSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return code was received from a call to the OSSENDMSG() macro. The return code indicated that the type of error is due to a routing and terminal allocation (RTA) application logic error, not an internal resource shortage or exception. Study the stack frame dumps to determine the exact location of the exception.

Relevant data was collected and will be printed in the first 3 words of the dump (data after that is irrelevant):

Word 1 - The return code from the OSSENDMSG() macro.

Word 2 - The destination that the message was being sent to. This is a structure of the type OSPID, containing the

process number, the uniqueness, and the destination processor.

Word 3 - The message header of the message to be sent. This is a structure of type OSMSGHEAD and contains the type of the message, the size of the message, and the priority of the message.

174. RTBREQ_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The requested service for B-channel use was invalid. In rta/RTisdn/RTacdterm.c, an ACDBRCS hunted call termination was requested for circuit switched data (CSD), but only circuit switched voice (CSV) was allowed.

Problem Cause:

This call should have been blocked earlier, but was not.

Action:

Check the logic in rta/RTGscreen/RTacdscr.c.

175. RTBSYMLG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMHG	Audit Mode: elev

Problem:

An exception occurred in rta/RTstatus/RTbusymlg.c. During the attempt to busy out members of a multiline hunt group (MLHG), the DAgetlnstat() primitive could not access the MLHG passed as an argument. The first data dump contains the terminating data block from the MGRT_GEN message. The second data dump contains the text of the MGRTSTFWD message. The AUFC_RTMHG audit is called. Study the stack frame dump to gain further insight into this assert.

176. RTBTMREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A MGTM_REQ or MGTM_TERM message was received in the AM routing and terminal allocation (RTA) system process. The rt_seq field indicated that the message is not related to a remote measurement system 3 (RMSD3) route request, which is the only terminal maintenance subsystem (TM) type expected to be received in the AM system process.

The data dumped is the actual message received, including the message head and the text of the MGTM_REQ or MGTM_TERM message.

177. RTBTNHN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTbthndlr.c. In the RTbthndlr(), RTfndatth(), or RTblfdsp() function, an error return was received from the DAGETATTM() macro, or from the DAghhcb() or PSqmsginit() function. The first data dump contains the busy lamp field (BLF) message, the key to the rIATTH_BLF tuple, or the error return value from the PSqmsginit() function. Study the stack frame dump to gain further insight into this assert.

178. RTBTNHN2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTbthndlr.c. An invalid value was passed to the RTblfdsp() function in the status type argument. The first data dump contains the invalid status type value. Study the stack frame dump to gain further insight into this assert.

179. RTBTNHN3 (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in either rta/RTblf/RTbthndlr.c or rta/RTism/RTism_sm_upd.c. During an attempt to update busy lamp field (BLF) status or terminal status monitoring (TSM) lamp update status, an error return was received from the PSqmsgsend() function when attempting to send the Q931 update message.

The first data dump contains the error return. The second data dump contains the link information structure, and the third data dump contains the qinfo structure of the message. Study the stack frame dump to gain further insight into this assert.

180. RTBTNHN3 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTbthndlr.c. During the attempt to update busy lamp field (BLF) status, an error return was received from the PSqmsgsend() function when attempting to send the Q931 lamp update message. The first data dump contains the error return. The second data dump contains the link information structure, and the third data dump contains the qinfo structure of the message. Study the stack frame dump to gain further insight into this assert.

181. RTBUSYF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTbusyfs.c. During busy feature selection when an integrated services digital network (ISDN) intercom (ICOM) group was present in the terminating message, an error return was received from the RTsel_feat() function. The first data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

182. RTVBCH1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTbvbchan.c. When attempting to determine the B channel status for a busy verify display, an unknown value was returned from the RIgetbstat() function in the bstatus variable. The first data dump contains the port value. Study the stack frame dump to gain further insight into this assert.

183. RTBV_DBRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the relation RLFC_LINE was not successful. No audits were run. This assert originates from the RTbvterm() function.

184. RTBVNOT_LD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An expected feature is not loaded. No audits were run. This assert originates from the RTbvterm() function.

185. RTCAMAI1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTcaminit() function. An office number identification (ONI) call retry attempt was detected or an unexpected message was received. The data dump contains the terminating data block of the routing data block. Inspect the stack frame dump to determine the exact cause of the error and for other useful data.

186. RTCAMAI2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTcamainit() function. An error return from the RTP_htmbr() primitive was received when attempting to obtain trunk group information. The first data dump will contain the terminating data block and the second will contain the return value from RTP_htmbr(). Study the stack frame dump for further information.

187. RTCAMAQ1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred during centralized automatic message accounting (CAMA) queueing. The error occurred in one of four functions: RTconqueue(), RTdelqueue(), RTdequeue(), or RTenqueue(). Study the stack frame dump to determine the function where the error occurred. The data dump contains the CAMA queueing data block (RTcmqdblk).

188. RTCAMAQ2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred during centralized automatic message accounting (CAMA) queueing. The error occurred in one of four functions: RTconqueue(), RTdelqueue(), RTdequeue(), or RTenqueue(). Study the stack frame to determine the function where the error occurred. The first data dump contains the CAMA queueing data block (RTcmqdblk) and the second contains the error return.

189. RTCAMPPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIFC_PORTTYP tuple. No audits are scheduled. The assert originates from the RTcampon() function.

190. RTCCSVP1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTccs/RTccs_vpa.c. While processing a common channel signaling (CCS) trunk call, the RTccs_vpa() function was called to determine the percentage of CCS calls to have the voice path assurance (VPA) test performed. However, the value found in the appropriate rIRT_TRKG tuple for that percentage (vpa_rate) was not valid. The first data dump contains the vpa_rate value. Study the stack frame dump to gain further insight into this assert.

191. RTCF_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCF_LTM relation, a failure code of DBNO_MATCH was returned. The rICF_LTM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCF_LTM. Key fields: lead module, LTM index, LTM type, feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

192. RTCGA_STAT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCGA_STAT relation, a failure code of DBNO_MATCH was returned. The rICGA_STAT tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLCGA_STAT. Key fields: (circuit)NAME, (spn)NAME.

Action:

This is a database inconsistency that can only be corrected by manual action.

193. RTCHRGIDXEXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCHRGIDXEXP relation, a failure code of DBNO_MATCH was returned. The rLCHRGIDXEXP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCHRGIDXEXP. Key field: charge_x.

Action:

This is a database inconsistency that can only be corrected by manual action.

194. RTCICEX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The identified route has a route description of shared trunk group (STG) and a signaling protocol of equal access or international on RC/V View 10.2 (ROUTE INDEX [ROUTING]), but the route is provisioned to outpulse a three digit carrier identification code (CIC) and the first digit of the CIC is not zero.

Data Structures:

RLRT_ROUTING. Key field: route index (RTI).

The signaling protocol (SIG PRO) is also dumped.

Action:

For feature group D (FGD), provision the CIC on RC/V View 10.2, field CIC 4 to YES in order to outpulse the 4-digit CIC. Note: The far office may also need to be upgraded to receive the 4-digit CIC.

195. RTCKTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCKTDATA relation, a failure code of DBNO_MATCH was returned. The RLCKTDATA tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLCKTDATA. Key field: (circuit)NAME.

Action:

This is a database inconsistency that can only be corrected by manual action.

196. RTCLIDAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLCLIDAT relation, a failure code of DBNO_MATCH was returned. The RLCLIDAT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLCLIDAT. Key field: clid.

Action:

This is a database inconsistency that can only be corrected by manual action.

197. RTCLMATEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Static data was found in the RLCL_MATES relation when a no match was expected for a cluster mate. No audits were run. The assert originates from the RTgenreq() function.

198. RTCMDTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown command type parameter was encountered.

199. RTCMSUS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTcmsusp() function. An unexpected message was received. The data dump contains the message head of the unexpected message.

200. RTCMSUS2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTcmsusp() function when processing a request to start or end centralized automatic message accounting (CAMA) suspension. One of the following occurred: 1) an attempt to update the DDRCAMASP data delivery (DD) key failed, or 2) an attempt to send status information to human machine interface (HM) via the HMoutmsg() primitive returned a failure value of HMERROR.

Inspect the stack frame dump to determine the exact cause of the error. The first data dump contains the error return code and the second contains either the input message header (for the DD update exception) or the text of the message to be sent to HM (for the HMoutmsg() error).

201. RTCMTUNEQ (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMT path is not equipped to the GSM.

Probable Cause:

This assert is fired to show an inconsistency between the RLRT_TRKG (view 5.1) and the RLCMTPATH (view 16.16) relations. Attribute psu_mod in RLRT_TRKG relation indicates the GSM used for ISUP signaling. There must be a CCS message transport (CMT) path equipped to this GSM. This assert is fired when an rLCMTPATH tuple cannot be found in the static database. Either the rLCMTPATH tuple is missing or the keys used to access the tuple are invalid.

Action:

The first data dump contains the trunk group number (RLrt_trkg.grpnum) which is the key of the RLRT_TRKG relation. The second and the third data dump contain the gsm and ngsm which are the keys to RLCMTPATH relation. The gsm key used to read RLCMTPATH relation is obtained from RLrt_trkg.psu_mod. The ngsm is also obtained from RLrt_trkg.psu_mod. Currently gsm and ngsm are the same. See next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

202. RTCNDDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected when attempting to assign a line identification feature. The IC_IDX value dumped is a duplicate (in use) index. The invalid index is acquired from the RLIC_LTH relation in the AM.

Data Structures:

RLICLIDIDX. Key fields: LTM_IDX, LTM_TYPE.

RLIC_LTH. Key fields: MODULE, IC_IDX, QID.

Action:

Attempt to resolve the data inconsistency with the following audits: AUD:CNDDATA,SM=x and AUD:ICLIDIDX,SM=x (where "x" is the number of the SM where the assert fired). If the problem is not cleaned up by these audits, collect printout data and escalate through the appropriate channels.

203. RTCOMPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After two level compression attempts, the compressed message size is still too large (that is, larger than 254) to be sent over the network control and timing (NCT) links. The original message content is dumped.

204. RTCONVR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTconvrtpl.c. During the conversion of precedence levels for the precedence and preemption (PP) feature, an invalid value was found in the input argument. The first data dump contains the invalid value. Study the stack frame dump to gain further insight into this assert.

205. RTCREAT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTcreatprc.c, rta/RTamps/RTcreatatp.c, or in rta/RTterm/RTpf_slvld.c when attempting to create a new terminal process. The OSCREATE() macro returned the OSEPROG code indicating that an invalid program ID was passed in. The first data dump contains the structure containing the invalid program ID. Study the stack frame dump to gain further insight into this assert.

206. RTCREAT2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTcreatprc.c. or in rta/RTamps/RTcreatatp.c. When attempting to create a terminal process for the terminating party of a call, the program ID to be used was that of a system process. The first data dump contains the process data block passed to the RTcreatprc() function. The second data dump contains the termination message. Study the stack frame dump to gain further insight into this assert.

207. RTCRTQT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTcreatqtp.c. During the attempt to create a queueing terminal process (for a termination request that will be queued), an error return of OSEPROG was received from the OSCREATE() macro. The first data dump contains the create data structure input to the OSCREATE() macro. The second data dump contains the process data block passed as an argument to the RTcreatqtp() function and the third data dump contains the MGLNQ_TERM or MGTKQ_TERM message that was to have been sent to the newly created terminal process. Study the stack frame dump to gain further insight into this assert.

208. RTCRTQT2 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTcreatqtp.c. During the attempt to create a queueing terminal process (for a termination request that will be queued), an error return was received from the DAgetpcbl() primitive when attempting to get a pointer to the process control block link area (PCBLA) of the newly created process.

The first data dump contains the error return from DAgetpcbl(). The second data dump contains the process ID of the newly create terminal process. The third data dump contains the create data structure passed to the RTcreatqtp() function. The newly created terminal process is purged. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

209. RTCTVRWRG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ACDBRCS hunted call could not be terminated because the agent is marked as cutovered. The assert is fired from rta/RTisdn/RTacdterm.c

Data Structures:

The dport is the first data item dumped.

Action:

Use the dport information to check the ACDBRCS cutover data.

210. RTCUSPI1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTcuspinit.c. While attempting to initialize the cyclic update system process for multiline hunt group (MLHG) lamp updates, an invalid initialization reason was passed. The first data dump contains the invalid reason. Study the stack frame dump to gain further insight into this assert.

211. RTDAFFCOPC_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from the DAffcopc() primitive.

212. RTDAFSPOPC_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from the DAfspopc() primitive.

213. RTDATABAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A routing program encountered an inconsistent or invalid value in a control table. Since the control table is constant data, either the static data is corrupted or the table was over-indexed. The contents of the table are dumped in a raw (hex) dump on the ROP. Program listings for the program identified by the failing address must be consulted to determine the specifics of this error.

214. RTDBRD_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLNAILUP relation with the DBfrdtup() function. The return code was not DBNO_MATCH.

215. RTDD1ALNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error was indicated in the ddret parameter.

216. RTDD1IMAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error occurred on the key DDRTDDC.

217. RTDD1SMAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error was indicated by the ddret parameter.

218. RTDD1STF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error occurred on one of three keys.

219. RTDD2ALNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error occurred. Route requests are canceled.

220. RTDD2IMAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error was indicated by the ddret parameter.

221. RTDEFHUNTTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hunt type was contained in the RLRT_MHG relation.

Data Structures:

RLRT_MHG. Key field: group number.

The group number (DMGRPNUM) is found in the first four hex digits of the local data.

Action:

Use RC/V to view the RLMLHG (RC_multiline_hunt_group_info) relation. Check the lhntype (type of hunting) attribute and correct it if it is not valid.

222. RTDEFMLHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to routing and terminal allocation (RTA) when initializing the RLRT_MHG relation.

223. RTDEFQKEYPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to routing and terminal allocation (RTA) when initializing the RTintkque() function.

224. RTDEFSFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to routing and terminal allocation (RTA) when initializing the RLRT_SFG relation.

225. RTDEFTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was given to routing and terminal allocation (RTA) when initializing the RLRT_TRKG relation.

226. RTDELFACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in RTrcfacsta().

Probable Cause:

During a RC/V transaction deleting a rIFACSTAT tuple, the appropriate rIFACSTAT tuple was not removed.

Action:

There are 2 dcf-data dumps generated by this assert; the first gives the bad return value from DBfdltup() which caused this assert to fire, and the second gives the content of the rIFACSTAT tuple affected.

227. RTDGCX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTdigcvx.c. While attempting to process a route, a data inconsistency was encountered when prefixing and deleting digits was performed. The number of dialed digits was less than the number of digits to delete. The first data dump contains the dialed digit information buffer. Study the stack frame dump to gain further insight into this assert.

228. RTDLTNOT_LD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An expected feature is not loaded. No audits are run. This assert originates from the RTlineterm() function.

229. RTDNBFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLDN_FEATS relation resulted in a DBNO_MATCH. An rIDN_FEATS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLDN_FEATS. Key fields: lead module, ltm index, ltm type.

Action:

The ROP report provides the keys to the rIDN_FEATS tuple. Verify the features on the line with RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]). If these are correct, use ODBE with the keys printed to verify the existence of an rIDN_FEATS tuple. If the tuple does not exist, verify that for the line, the rIFC_LINE tuple with the same ltm_index and ltm_type has the brc_dn field set to DBNO.

230. RTDNFEAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIDN_FEATS tuple resulted in a DBNO_MATCH. The rIDN_FEATS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLDN_FEATS. Key fields: lead module, ltm type, ltm index.

The ROP report provides the keys to the rIDN_FEATS tuple. The D-channel portname is also printed on the ROP. It will be printed as zero if this data was unavailable.

Action:

Verify the features on the line with RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]). If these are correct, use ODBE with the keys printed to verify the existence of an rIDN_FEATS tuple. If the tuple does not exist, verify that for the line, the rIFC_LINE tuple with the same ltm_index and ltm_type has the brc_dn field set to DBNO.

231. RTDNRTG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTdnrtgmod.c. While verifying that automatic call back/automatic recall (AC/AR) is allowed for the current directory number (DN), an invalid message type was passed. The first data dump contains that invalid message type. Study the stack frame dump to gain further insight into this assert.

232. RTDNRTG2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTarc/RTdnrtgmod.c. While verifying that automatic call back/automatic recall (AC/AR) is allowed for the current directory number (DN), an inconsistency was found in the choke list. The first data dump

contains the choke list. Study the stack frame dump to gain further insight into this assert.

233. RTDNVTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized or corrupt value was passed to the RTdnv_terr() function during the operation of local area signaling services (LASS) screen list editing (SLE) features. The err_type parameter was not matched. The value of the err_type passed in is dumped.

234. RTDQALG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTdq_alg.c. During the attempt to dequeue an integrated services attendant (ISAT) call, an error return was received from the DBretrvblk() function when attempting to obtain a pointer to a tuple in the RLQ_ISAT relation.

The first data dump contains the tuple retrieved (may be corrupted or valid depending on the cause of the error). The second data dump contains the contents of the MGLN_DQUE message received, and the third data dump contains the error return value from DBretrvblk(). Study the stack frame dump to gain further insight into this assert.

235. RTDQALG2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTdq_alg.c. During the attempt to dequeue an integrated services attendant (ISAT) call, a data inconsistency was found when inspecting the ISAT queues. The first data dump contains the relevant ISAT member structure contents. Study the stack frame dump to gain further insight into this assert.

236. RTDRVER1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTdrvkey.c. When processing an integrated services digital network (ISDN) feature button request, a data inconsistency was found between the appropriate tuples in the RLBIKYPM and RLIS_LINE relations for the given port and LTM index. The first data dump contains the rLBKYPM tuple and the second data dump contains the rLIS_LINE tuple. Study the stack frame dump to gain further insight into this assert.

237. RTDRVER2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTdrvkey.c. When processing an integrated services digital network (ISDN) feature button request, an invalid hunt key action type was found in the MGQSETUP message received. The first data dump contains the MGQSETUP message. Study the stack frame dump to gain further insight into this assert.

238. RTDSHBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in `rta/RTstatus/RTdestphnt.c`. During an attempt to update the status of the stophunt flag for a multiline hunt group (MLHG), an invalid hunt type was passed as an argument. The first data dump contains the MLHG number. The second data dump contains the invalid hunt type. Study the stack frame dump to gain further insight into this assert.

239. RTDSLEQP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLDSLEQUIP relation, a failure code of DBNO_MATCH was returned. The rIDSLEQUIP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLDSLEQUIP. Key field: dsl.

Action:

This is a database inconsistency that can only be corrected by manual action.

240. RTDSLSP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

Forced removal of the owner(s) of ANS/® U-interface digital subscriber line (U-DSL) resources for a specified ANS/® U-card occurred in `rta/RTdslown/RTclrdslown.c` (in the `RTclrdslown()` function) or `rta/RTdslown/RTkdsln.c` (in the `RTkill()` function). The owner processes have been purged, a number of dumps will be directed to the ROP for analysis.

241. RTDSNTK1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in `rta/RTpp/RTdsntkby.c`. During the testing of post hunt network management controls for a defense switch network (DSN) call, an invalid return was passed from the `RTF_DSPOSTHUNT_NM()` macro call. The first data dump contains the return structure from that macro call. Study the stack frame dump to gain further insight into this assert.

242. RTDUDALOG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in call processing software. The additional information needed to debug this problem is directed to the `/log/log/CALLPLOG1` file that is accessible on the 3B UNIX® terminal in the office.

Data Structures:

The following information is dumped:

- The name of the source file in which the original call processing error was detected. This is an ASCII name that must be different than the assert header which indicates that this assert fired from the `RTdumpdata.c` file. The `RTdumpdata.c` file performs the work of sending the data to the log file.
- The line number of the source file in which the original call processing error occurred.

- The type of data dump that will follow. See the header `uhdr/rta/RTdumpdata.G` for a list of all possible dumps and read the appropriate section of the Software Analysis Guide for further information on how to use the data dumped.

Action:

Debugging information is directed to the `/log/log/CALLPLOG1` file. This file will wrap around and overwrite this data at some time in the future. Extract and copy the debugging information into a separate file. Save the file for the engineers who will try to solve the original call processing exception. The event number of this assert will map to the same event number (for the given SM) that is part of the relevant data dumped in the `CALLPLOG1` file.

243. RTDUINTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while processing data that would have been sent to the ROP or to the `/log/log/CALLPLOG1` file for the purpose of debugging a problem caused by a previous exception. The error occurred in the source file `rta/RTshared/RTdumpdata.c` and the first four words of the data dump contains encoded information that describes the problem.

Word 1 of the dump contains a value indicating the type of error:

- 0 - Potential infinite loops of calls to the `RTdumpdata()` function
- 1 - Bad destination processor
- 2 - Bad return code from the `OSSENDMSG()` macro
- 3 - Process does not exist
- 4 - Invalid data structure to dump
- 5 - A null pointer was passed instead of a valid one
- 6 - Not currently in the RTA finite state machine
- 7 - Invalid return code from the `HMoutmsg()` function

Word 2 contains an enum that indicates the type of dump requested; see the global header file `uhdr/rta/RTdumpdata.G` for the values corresponding to this word.

Word 3 contains the process ID (PID) passed to the `RTdumpdata()` function. This is in the form of the operating system PID (OSPID) structure.

Word 4 contains the current data structure being processed, which is an enumeration of the same type as described in word 2; although, the value dumped here may or may not be the same as dumped in word 2.

Word 5 is used only for error types 2 and 7, in which case it contains the value of the invalid return code.

Word 6 contains the event number of the attempt to dump data from the previous error. This may map to an assert just output to the ROP for error types 4 or greater (in word 1).

The previous processing to dump data was aborted and no more information will be forthcoming. Depending on where the error in the `RTdumpdata()` function occurred, an assert may have printed to the ROP to indicate that data will be printed out on the `CALLPLOG1` file - map the value in word 5 to the event number in the assert.

244. RTE9_BADDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid directory number (DN) was found during E911 routing. The DN was read from the RLESNTRAN, RLE911PSAP, or RLE911SA relation. The data dump indicates the relation that the DN was read from and the keys to that relation. The reason (ritype from the RTfixedrt() function) is also printed.

Data Structures:

RLESNTRAN. Key field: esn.

RLE911PSAP. Key field: tgn.

RLE911SA. Key fields: sm, das.

Action:

1. Consult the office records to determine if the DN printed on the ROP is defined accurately for the specific instance of the relation indicated. If this is a data entry error, go to step 4 to make the correction.

2. Determine the digit analysis tables that are used to translate E911 DNs by consulting the office records or from the E911 DAS field on RC/V View 8.1 (OFFICE PARAMETERS MISCELLANEOUS). This DAS is the key to the appropriate rIDA_DIGSTRT tuple.

3. Use the noc and digits as keys to determine the corrections that are needed by using ODBE to read the RLRT_DNTRAN relation.

4. Make the corrections in the specified tuple of the appropriate relation (relation name and keys are printed on the ROP).

a. For the RLE911PSAP relation, enter the corrected PSAP RERTE DN on screen 6 of RC/V View 5.1 (TRUNK GROUP) using the TGN provided on the ROP as the key.

b. For the RLE911SA relation, enter the corrected DN in the appropriate field of RC/V View 9.40 (SELECTIVE ROUTING AND TRANSFER DATA FOR ESN (SM/DAS)) using the SM and DAS provided on the ROP as the keys.

c. For the RLESNTRAN relation, enter the corrected DN in the appropriate field of RC/V View 9.40 (SELECTIVE ROUTING AND TRANSFER DATA FOR ESN (SM/DAS)) using the ESN provided on the ROP as the key.

d. If no relation is printed, review all tuples of these three relations and contact technical support.

245. RTE9BADOP (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global office data parameter Gle911op is populated inconsistently in the office. The inconsistency is detected by the CMP or VCDX SM; the processor that contains the inconsistency is printed on the ROP. This inconsistency causes the indicated processor to attempt to use E911 functionality, which is blocked by the CMP or VCDX SM.

Action:

Determine which processor is at fault and use ODBE to correct the problem by changing the Gle911op parameter to one of the legal values: E9_ESA, E9_NONESA, or E9_INACT.

246. RTE9BADOP (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global office data parameter Gle911op is populated inconsistently in the office. The inconsistency is detected by the CMP; the processor that contains the inconsistency is printed on the ROP. This inconsistency causes the indicated processor to attempt to use E911 functionality, which is blocked by the CMP.

Action:

Determine which processor is at fault and use ODBE to correct the problem by changing the Gle911op parameter to one of the legal values: E9_ESA, E9_NONESA, or E9_INACT.

247. RTE9BADSFSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office data global parameter Gle911Insfg or Gle911tksfg has an invalid 0 value.

Data Structures:

On the ROP, the first value dumped is Gle911Insfg and the second value dumped is Gle911tksfg.

Action:

Use the ROP output to determine whether the Gle911Insfg or Gle911tksfg parameter has a zero value. Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP) to insert an E911 line or trunk simulated facility group (SFG) for the parameter that has a zero value. Use RC/V View 8.1 (OFFICE PARAMETERS [MISCELLANEOUS]) to identify the new SFG as the E911 line or trunk SFG.

248. RTE9_CFBADDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated services digital network (ISDN) public safety answering point (PSAP) line was unable to route to the call forward to DN. The craft assert string will indicate the ISDN PSAP DN, call forward to DN, and reason.

Action:

RC/V Views 23.8 (DSL/BRCS ASSIGNMENT) or 1.11 (BRCS FEATURE ASSIGNMENT) can be used to change the forward to DN using the ISDN PSAP DN as a key to the view.

249. RTE9INVMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected operating system for distributed switching (OSDS) message was received by the RTcmpqh_e9() function. This message will be dumped.

250. RTE9_PSAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLE911PSAP relation, a failure code of DBNO_MATCH was returned. The rLE911PSAP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLE911PSAP. Key field: tgn.

Action:

This is a database inconsistency that can only be corrected by manual action.

251. RTEDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_EDN relation, a failure code of DBNO_MATCH was returned. The rIRT_EDN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_EDN. Key fields: dn.noc, dn.digits.

Action:

This is a database inconsistency that can only be corrected by manual action.

252. RTEDSLGPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLEDSPGPRT relation, a failure code of DBNO_MATCH was returned. The rLEDSPGPRT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLEDSPGPRT. Key fields: eptidx2, grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

253. RTEDSLTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLEDSPTRKG relation, a failure code of DBNO_MATCH was returned. The rLEDSPTRKG tuple is missing, or the keys used to read this relation were not set properly.

Data Structures:

RLEDSPTRKG. Key field: trunk group number.

The port.member and port.module fields are also dumped.

Action:

Use RC/V (or ODBE, if necessary) to verify that the trunk group number is valid. The port member and port module dumped on the ROP can be used to read the RLPORT_GROUP and RLFC_TRUNK relations. If both relations indicate that the port is a member of the trunk group dumped on the ROP, then the trunk group number is probably valid.

If the trunk group number is valid, and it has a service class of FCEDSL or FCEDSLHM and a logical port type of PCTBCHAN in the RLFC_PORTTYP relation, then the RLEDSPTRKG relation should be checked to see if a tuple exists. If the rLEDSPTRKG tuple is not populated, insert the tuple (consult the office records).

If the trunk group assigned to the port in the RLFC_TRUNK relation is different than the one in the RLPORT_GROUP relation, consult the office records and correct it. After correction, manually restore the trunk back to service.

254. RTEHKBSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTendhkey.c. During an integrated services digital network (ISDN) huntkey status update attempt, an invalid value was found in the action or status field of the MGACKBN message passed to the RTendhkey() function. The first data dump contains the text of the input message. The second data dump contains the feature activation portion of the MGQINFO or MGQSETUP message. Study the stack frame dump to gain further insight into this assert.

255. RTENQTM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTenq_term.c. During the processing of the MGTK_ENQUE message for modular queueing II, the message contained an invalid routine type. The first data dump contains the relevant part of the MGTK_ENQUE message. Study the stack frame dump to gain further insight into this assert.

256. RTEXXMCBSZ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message size is less than or equal to 0 (e.g. unrecognized message type) or it is larger than the message control block (MCB) limit. The content of the original message passed is dumped.

257. RTFACMISSING (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FACSTAT	Audit Mode: elev

Problem:

An exception has occurred in one of the following functions: RTfac_send(), RTsmfac_up(), or RTcmpfac_up(). See the stack frame accompanying this assert to determine the exact location of the failure.

Probable Cause:

This assert indicates the dynamic rIFACSTAT tuple is missing.

Action:

The dcf-data dump generated by this assert gives the content of the rIFACSTAT tuple affected. The AUFACSTAT audit is scheduled to clear the problem.

258. RTFAILM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTfailmsg.c. The input message to the RTfailmsg() function was unexpected. The first data dump contains the contents of this message. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

259. RTFCAUTH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIATH_CODE tuple. No audits are scheduled. The assert originates from the RTauth_rrel() function.

260. RTFCLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_LINE relation, a failure code of DBNO_MATCH was returned. The rIFC_LINE tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLFC_LINE. Key fields: port.member, port.module, party.

Action:

This is a database inconsistency that can only be corrected by manual action.

261. RTFCPBCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrated services attendant (ISAT) remote busy verification error occurred. The class of service value found in the RLFC_PORTTYP relation was not FC_ATNDVFY. The remote busy verification attempt will fail.

Data Structures:

The following keys and attribute values from the rIFC_PORTTYP tuple are dumped: port.member (key), port.module (key), and servclass.

Action:

This is a database inconsistency that can only be corrected by manual action.

262. RTFCPTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_PORTTYP relation, a failure code of DBNO_MATCH was returned. The rIFC_PORTTYP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLFC_PORTTYP. Key fields: port.member, port.module.

Action:

This is a database inconsistency that can only be corrected by manual action.

263. RTFCTRK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFC_TRUNK relation, a failure code of DBNO_MATCH was returned. The rIFC_TRUNK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLFC_TRUNK. Key fields: port.member, port.module.

Action:

This is a database inconsistency that can only be corrected by manual action.

264. RTFCTRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When routing a packet switching call from a trunk, no trunk feature data was found in the RLFC_TRUNK relation for the trunk port in question.

Data Structures:

RLFC_PORTTYP, RLFC_TRUNK, RLDSLEQUIP.

The trunk's internal port name is printed on the ROP (in hex). All valid ports have an rRFC_PORTTYP tuple. Valid trunk ports also have an rRFC_TRUNK tuple. Valid packet switching trunks also have an rLDSLEQUIP tuple that translates the trunk unit port name to the protocol handler (PH) and PH channel number to which it connects.

Action:

Determine if the port name dumped via the ROP message is a valid trunk port name. If it is valid, use RC/V (or ODBE, if necessary) to determine if tuples exist in the RLFC_PORTTYP, RLFC_TRUNK, and RLDSLEQUIP relations containing information that consistently describes the port printed on the ROP as a packet switch trunk.

265. RTFEATBN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLFEATBN relation, a failure code of DBNO_MATCH was returned. Either the rFEATBN tuple is missing (due either to a database inconsistency or because the assigned configuration group does not contain a feature button for the action printed on the ROP) or the keys used to read this relation were not set properly.

Data Structures:

RLFEATBN. Key fields: config, fid, action.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V View 12.5 (CONFIGURATION GROUP DEFINITION) to insert the correct CONFIG GRP, CPE COMPONENT, RANGE, BUTTON and ACTION. Assigning configuration groups with the needed buttons and actions at the time of terminal assignment will prevent this problem.

266. RTFEATNOTSUP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A secured feature was detected to be active that is not supported in this office.

Probable Cause:

The secured feature was erroneously activated.

Action:

The secured feature ID is dumped by this assert. Save and provide the relevant read-only printer (ROP) output to the next level of technical support and notify field support. This feature should be deactivated.

267. RTFID_NO_MATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The feature identifier (FID) value (fixed route type) does not match any entry in the feature activation point (FAP) table RTraf_tp_fap in file rta/RTgdata/RTraft_fat.c. No audits are run. This assert originates from the RTrafterm() function.

268. RT_FIXRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_FIXEDRI relation, a failure code of DBNO_MATCH was returned. The rIRT_FIXEDRI tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_FIXEDRI. Key field: noc, ritype.

The values for ritype are the enumerations of DMTREAT for which the values can be found in 235-600-219 Translation/Dynamic Data.

Action:

This is a database inconsistency that can be corrected by manual action. It may be necessary to add an rIRT_FIXEDRI tuple by inserting a new fixed route type via RC/V View 10.1 [FIXED ROUTE (ROUTING)]. The values for the new fixed route type correspond to the ritype key. Further details on each value for the ritype can be found in the 5ESSTM Switch Translation Guide (TG-5), Vol II, Division 3, Section 3g, Part 2.02 (Fixed Route Type).

269. RTFL_DBRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the relation RLFC_PORTTYP from the RTmnterm() function failed.

270. RTFRBC_SVC (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLFRBC_SVC relation resulted in a DBNO_MATCH. The rIFRBC_SVC tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLFRBC_SVC. Key fields: gport.

Action:

Verify that the keys printed on the ROP are valid. The gport.member should have the correct port value and the gport.module should have the correct SM number for the particular frame relay bearer channel. If the key is valid, use ODBE to verify that the rIFRBC_SVC tuple does not exist on the SM indicated; then insert the tuple. If the keys are not valid, file a trouble report.

271. RTFSBHTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTshared/RTfillstat.c. During the population of a fast idle or fast busy message to be sent to the CMP for trunk group status update, an unknown hunt type was found in the TRKG global data block. The first data dump contains the TRKG global data block and the second data dump contains the global port whose status has just changed. Study the stack frame dump to gain further insight into this assert.

272. RTFSMOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTshared/RTfillstat.c. During the population of a message for trunk group status update, the member size found in the terminating group data block exceeded the maximum value of the trunk group as indicated by the rIRT_TRKG tuple for that trunk group. The first data dump contains the rIRT_TRKG tuple and the second data dump contains the terminating group data block. Study the stack frame dump to gain further insight into this assert.

273. RTFTRKEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

the keys used to read this relation were not set properly.

Data Structures:**Action:**

This is a database inconsistency that can only be corrected by manual action.

274. RTGENDS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGcontl/RTgendisc.c or in rta/RTGcontl/RTnw_disc.c. When attempting to remove the network path, an error return was received from the PHrm_ntwk() function. The first data dump contains the error return value. The second data dump contains the destination process ID of the route. Study the stack frame dump to gain further insight into this assert.

275. RTGENIN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTgeninit.c or in rta/RTamps/RTapinit.c. An MGRT_GEN message was received (1) with an unexpected value in the rt_phase field (2) the rt_phase field was set to RTGREQ, but the rt_req field was unknown or (3) the rt_phase was set to RTGSWITCH, but the rt_req field was invalid. The first data dump contains the origdata structure from the MGRT_GEN message. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

276. RTGENIN2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTgeninit.c or in rta/RTamps/RTapinit.c. When the MGRT_GEN message

was received with the `rt_phase` field set to `RTGSWITCH`, an error return was received from the `PHrm_ntwk()` function (needed for serially hunted calls). The first data dump contains the route descriptor field from the `MGRT_GEN` message. Study the stack frame dump to gain further insight into this assert. Output from the `RTDUMPDATA()` macro call may follow this assert.

277. RTGENSCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the `RLGENSCA` relation, a failure code of `DBNO_MATCH` was returned. The `rlGENSCA` tuple is missing or the keys used to read this relation were not set properly. The key values `SCA_IDX` and `RANGE`, along with the `LTM_INDEX` and `LTM_TYPE` values, will be printed on the ROP.

Data Structures:

`RLGENSCA`. Key fields: `SCA_IDX`, `RANGE`.

Action:

This is a database inconsistency that can only be corrected by manual action.

278. RTGENSCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the `RLGENSCF` relation, a failure code of `DBNO_MATCH` was returned. The `rlGENSCF` tuple is missing or the keys used to read this relation were not set properly. The key values `SCF_IDX` and `RANGE`, along with the `LTM_INDEX` and `LTM_TYPE` values, will be printed on the ROP.

Data Structures:

`RLGENSCF`. Key fields: `SCF_IDX`, `RANGE`.

Action:

This is a database inconsistency that can only be corrected by manual action.

279. RTGENSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the `RLGENSCR` relation, a failure code of `DBNO_MATCH` was returned. The `rlGENSCR` tuple is missing or the keys used to read this relation were not set properly. The key values `SCR_IDX` and `RANGE`, along with the `LTM_INDEX` and `LTM_TYPE` values, will be printed on the ROP.

Data Structures:

`RLGENSCR`. Key fields: `SCR_IDX`, `RANGE`.

Action:

This is a database inconsistency that can only be corrected by manual action.

280. RTGENSDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the `RLGENSDA` relation, a failure code of `DBNO_MATCH` was returned. The `rlGENSDA` tuple is missing or the keys used to read this relation were not set properly. The key values `SDA_IDX` and `RANGE`,

along with the LTM_INDEX and LTM_TYPE values, will be printed on the ROP.

Data Structures:

RLGENSDA. Key fields: SDA_IDX, RANGE.

Action:

This is a database inconsistency that can only be corrected by manual action.

281. RTGENTM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTgenterm.c when processing a termination. An unknown term_type was populated in the route message. The first data dump contains the contents of the terminating route message. Study the stack frame dump to gain further insight into this assert.

282. RTGENTM2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTgenterm.c. The RTacdreq() function was called to complete termination of a call to an automatic call distribution (ACD)/business and residential custom services (BRCS), ACD, or direct agent access (DAA) directory number (DN). The call to the RTacdreq() function failed with a return code of OSNOTLOADED indicating that the ACDBASE loadable package is not loaded in this SM.

The first data dump contains the contents of the terminating route message. Study the stack frame dump to gain further insight into this problem. Output from the RTDUMPDATA() macro call may follow.

283. RTGI_BAD_DATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data representing the routing state was found in a message. This assert originates from the RTgeninit() function which is used to initialize data in a data block. No audits were scheduled.

284. RTGPRMLASS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

An attempt to change the local area signaling services (LASS) global access parameters failed. The LASS global access parameters will return to their original state, and all associated dynamic data will be re-initialized to its previous state. The FCLINE audit will run to check for errors in the line history blocks (LHBs).

285. RTGPSF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_GPSF relation, a failure code of DBNO_MATCH was returned. The rIRT_GPSF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_GPSF. Key field: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

286. RTGPTOPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLGROUP_PORT relation, a failure code of DBNO_MATCH was returned. The rLGROUP_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLGROUP_PORT. Key fields: portgrp.grpnum, portgrp.grptype, member.

Action:

This is a database inconsistency that can only be corrected by manual action.

287. RTGTNOT_LD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An expected feature is not loaded. No audits are run. This assert originates from the RTgenterm() function.

288. RTHI_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing in the relation RLHI_CF (home intercom/single line variety feature only), or the keys used to read this relation are incorrect. Activation of home intercom (HI) calls is blocked and reorder tone is given.

Data Structures:

RLHI_CF. Key field: fid.

The fid is the first data item printed on the ROP. Additional information about the port is also printed: port.member is the second data item, port.module is the third, and party is the fourth.

Action:

Use ODBE to check the RLHI_CF relation using the fid value printed on the ROP as the key. If the rLHI_CF tuple is not found, insert the tuple. Convert the port information into the directory number (DN) and use RC/V View 1.11 (BRCS FEATURE ASSIGNMENT [LINE]) to assign any pre-constructed HI feature to this DN.

289. RTHKBHKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RThuntkey.c. During the activation or deactivation of a huntkey feature, an invalid hunt type was found in the tuple just retrieved from the RLHUNTKEYS relation. The first data dump contains the rLHUNTKEYS tuple just retrieved. The second data dump contains the port that was passed to this function. Study the stack frame dump to gain further insight into this assert.

290. RTHKBKST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RThuntkey.c. During the activation or deactivation of a huntkey feature, an invalid value was found in the key status variable passed in as an argument to this function. The first data dump contains the invalid value. The second data dump contains the appropriate tuple from the RLHUNTKEYS relation. Study the stack frame dump to gain further insight into this assert.

291. RTHKCMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTupstat.c. A status forward MGRTSTFWD message was received on the CMP with an action field value of RTISHKEY, indicating that an integrated services digital network (ISDN) feature button hunt key was pressed. The hk_action field value is not valid on the CMP. Either the hk_action field is invalid, or the status forward message should have been sent to an SM instead of the CMP. The status forward message is dumped.

292. RTHKFCORC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTendhkey.c. In the RThksubfb() function, during an attempt to update integrated services digital network (ISDN) hunt key feature buttons for all members of an ISDN subgroup within a hunt group, an error return code was received from the DBsmplcorc() primitive when attempting to update the RLBIKYPM relation. The first data dump contains the old rIBIKYPM tuple and the second data dump contains the updated tuple that was to be inserted. Study the stack frame dump to gain further insight into this assert.

293. RTHKSUBBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTendhkey.c. In the RThksubfb() function, during an attempt to update integrated services digital network (ISDN) hunt key feature buttons for all members of an ISDN subgroup within a hunt group, an invalid status was found in the MGACKBN message that was passed. The first data dump contains the invalid status, and the second data dump contains the entire MGACKBN message. Study the stack frame dump to gain further insight into this assert.

294. RTHNTKYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLHUNTKEYS relation, a failure code of DBNO_MATCH was returned. The rIHUNTKEYS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLHUNTKEYS. Key fields: port.member, port.module.

Action:

This is a database inconsistency that can only be corrected by manual action.

295. RTICITK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRTICITK relation, a failure code of DBNO_MATCH was returned. The rIRTICIRK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:**Action:**

This is a database inconsistency that can only be corrected by manual action.

296. RTICMLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the RLICM_TERM and RLICM_1LST relations. A directory number (DN) that is not a member of the integrated services digital network (ISDN) intercom group, was found in the RLICM_1LST relation. The ISDN intercom group and DN will be printed on the ROP.

Data Structures:

RLICM_1LST. Key fields: icmgrp, range.

Action:

The RLICM_1LST relation provides the DNs associated with an ISDN intercom group. The DNs are stored in the binary coded decimal (BCD) format in groups of ten. Use RC/V (or ODBE, if necessary) to remove the inconsistent DN from the RLICM_1LST relation. Use the key values of ICMGRP (printed on the ROP) and RANGE (0-9) to locate the inconsistent DN.

297. RTICMTRM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLICM_TERM relation, a failure code of DBNO_MATCH was returned. The rLICM_TERM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLICM_TERM. Key fields: lport, termno.

Action:

This is a database inconsistency that can only be corrected by manual action.

298. RT_ICR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLICR relation, a failure code of DBNO_MATCH was returned. The rLICR tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLICR. Key field: sfg_num.

Action:

This is a database inconsistency that can only be corrected by manual action.

299. RTICRDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: ICRST	Audit Mode: elev

Problem:
Failed to read the static relation RLICR in the RTicrmg() function.

300. RTICRERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A read of the static relation RLICR failed.

301. RTICRLG_S_SFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Deleting a tuple in the dynamic relation RLICRST failed in the function RTicrlgs().

302. RTICRLSTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A dynamic read of the RLICRLGST relation failed.

303. RTICRMGAMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Sending a message to the automatic message accounting (AMA) system process in the tracking SM failed in the function RTicramamg().

304. RTICRMGERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The RTicrmg() function found an error in the keep alive message to the intercom calling restriction (ICR) tracking SM.

305. RTICRPCBLA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The wrong input (pcbla_ptr without icr_use) was given to the RTicrmg() function.

306. RTICRS_LG_SFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Deleting a tuple in the dynamic relation RLICRLGST failed in the function RTicrslg().

307. RTICRSTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTicr/RTicr_rec.c or in rta/RTicr/RTicr_shnt.c. A dynamic read of the RLICRST relation failed. The first data dump contains the message received in the RTicr_rec() function or the simulated facilities group (SFG) group number in the RTicr_shnt() function. Study the stack frame dump to gain further insight into this problem.

308. RTICXICI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLICX_ICI relation, a failure code of DBNO_MATCH was returned. The rLICX_ICI tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLICX_ICI. Key field: isat_idx.

Action:

This is a database inconsistency that can only be corrected by manual action.

309. RTIDLEF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTidlefs.c during idle port feature selection. During the processing, inconsistent data was found in the routing message in regard to the integrated services digital network (ISDN) intercom (ICOM) group. The first data dump contains the contents of the isdndata structure in the MGLN_TERM message which contains the ICOM information. Study the stack frame dump to gain further insight into this assert.

310. RTIDLES1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTidlestat.c. When attempting to release a simulated facilities group (SFG) member, the input argument containing the SFG group number was out of range. The first data dump contains the input SFG structure. Study the stack frame dump to gain further insight into this assert.

311. RTIDLES2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTidlestat.c. When attempting to release a member of a simulated facilities group (SFG), the appropriate dynamic data status block was not found for the regular or large SFG type. The first data dump contains the input SFG structure argument to this function. Study the stack frame dump to gain further insight into this assert.

312. RTIDLES3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTidlestat.c. During an attempt to release a member of a simulated facilities group (SFG), an invalid SFG hunt type value was found. The first data dump contains the input SFG structure argument to this function. Study the stack frame dump to gain further insight into this assert.

313. RTIDPACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDP_ACT relation, a failure code of DBNO_MATCH was returned. The rIIDP_ACT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDP_ACT. Key fields: idp_gpid, actsetnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

314. RTIDPGP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDP_GP relation, a failure code of DBNO_MATCH was returned. The rIIDP_GP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDP_GP. Key field: idp_gpid.

Action:

This is a database inconsistency that can only be corrected by manual action.

315. RTID_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLID_PORT relation, a failure code of DBNO_MATCH was returned. The RLID_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLID_PORT. Key fields: lport(logical port), lpt_type(logical port type).

Action:

This is a database inconsistency that can only be corrected by manual action.

316. RTIDPPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIDP_PORT relation, a failure code of DBNO_MATCH was returned. The rIIDP_PORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIDP_PORT. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

317. RTIDSIDLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTidsidle.c. An invalid hunt type has been found.

Probable Cause:

The calling function passed an illegal or unknown hunt type to the function RTidsidle().

Action:

Study the stack frame dump to gain further insight into this assert.

318. RTIECP_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to route an inter-LATA packet switched data call to the line's default inter-exchange carrier, the data network identification code (DNIC) for this line was invalid.

Data Structures:

RLPSDNICRI, RLPSX25LN.

The line is identified by the protocol handler (PH) and PH channel number printed (hex) on the ROP. Per-line packet switching (PS) feature data for this line is in the RLPSX25LN relation, the iecp_dnic attribute contains the DNIC of the default inter-exchange carrier assigned to this line. The value of this DNIC is printed (hex) on the ROP. No rLPSDNICRI tuple was found for this DNIC.

Action:

Use RC/V to examine the RLPSX25LN relation for the line in question. Verify that the iecp_dnic attribute identifies an existing network that is qualified to act as an inter-exchange carrier network for the integrated services digital network (ISDN). If the iecp_dnic value is valid, examine the RLPSDNICRI relation with RC/V. A tuple should be present for the DNIC in question. If no tuple is found, insert it.

319. RTIGPBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTidlegrp.c. During an attempt to update the status of the group make busy field (to off) of a multiline hunt group (MLHG), an invalid hunt type was passed to the RTidlegrp() function. The first data dump contains the invalid hunt type. The second data dump contains the MLHG number. Study the stack frame dump to gain further insight into this assert.

320. RTILACDT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTacdterm.c.

Probable Cause:

An illegal attempt was made to terminate an ACDBRCS hunted call to a standard integrated services digital network

(ISDN) line or to a shared directory number (SHDN).

Action:

The first data dump contains the terminating dport. An automatic call distribution (ACD) agent should not be allowed to log on from a standard line or a SHDN.

321. RTILHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

Could not read a tuple in the RLAN_ILHB or RLIS_ILHB relation with a dynamic access (DA) macro. The tuple was just inserted by the DBfintup() primitive. The FCLINE audit will be run to correct the problems.

322. RTILLSTCHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal local toll status change message was sent to the routing and terminal allocation (RTA) global routing system.

323. RTIMMSGC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTimmsgproc.c. An unexpected message was received by the routing and terminal allocation (RTA) SM terminating system process. The first data dump contains the message received by the RTimmsgproc() function. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

324. RTINHUNTKEYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not access the RLHUNTKEYS static office dependent data (ODD) relation in a remote SM (RSM) that is required for multi-line hunt group (MLHG) customer key-controlled features.

Data Structures:

RLHUNTKEYS.

The ROP output provides the RLHUNTKEYS structure, the key item is the port ID (port.module, port.member) of the master scanner unit (MSU) scan point of the particular customer controlled MLHG key. The first two hex digits are port.module, the second two hex digits are blank space, and the next four hex digits are port.member.

Action:

Use ODBE to check the RLHUNTKEYS relation for the tuple indicated. The tuple may be missing or the key may be incorrectly specified in the RLKEYLIST relation. Use ODBE to correct the problem.

325. RTINISATUCD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple of the dynamic relation RLISATUCD.

326. RTINKEYLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not access the RLKEYLIST static office dependent data (ODD) relation in a remote SM (RSM) that is required for multi-line hunt group (MLHG) customer key-controlled features.

The ROP output provides the RLKEYLIST structure, the key item is the port ID (port.module, port.member) of the master scanner unit (MSU) scan point of the particular customer controlled MLHG key. The first two hex digits are port.module, the second two hex digits are blank space, and the next four hex digits are port.member.

327. RTINLGLNSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the relation RLLGLNSTAT.

328. RTINLGMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the relation RLLGMEM.

329. RTINLGTKSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rILGTKSTAT tuple.

330. RTINLNSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the relation RLLNSTAT.

331. RTINMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert a tuple in the relation RLMEM.

332. RTINMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch on the value of hunt type failed due to a non-existent or inappropriate value. The data dump provides the contents of a buffer that contains an rIRT_MHG tuple from which the invalid htype value was taken. This buffer may reside in a global data area or it may be from a local (stack) buffer. The office dependent data (ODD) may be invalid or the data from the tuple may have been corrupted after a successful read.

333. RTINMUPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTinsaggc.c. During the transition into standalone, while creating and initializing local copies of dynamic data for multiple position hunt (MUPH) groups, an error return was received from the RTinmuph() function when it was called to create a new dynamic data block, the RLRTMUPHST relation. The first data dump contains the contents of the rIPORT_GROUP tuple passed to the RTinsaggc() function. Study the stack frame dump to gain further insight into this assert.

334. RTINNQM_MLHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the queues for multiline hunt group (MLHG) queueing failed. Could not build the member relation RLQM_MLHG.

Data Structures:

RLQU_OS.

The ROP output provides the MLHG number (first dump) and the error return from the DBfintup() function (second dump).

Action:

This initialization is based on the office dependent data (ODD) static data in the RLQU_OS relation. This relation should be verified for data accuracy.

335. RTINPPLLNST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rIPPLLNST tuple for large multiline hunt group (MLHG) status.

336. RTINPPLNST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rIPPLNST tuple for small multiline hunt group (MLHG) status.

337. RTINPPLTKST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rIPPLTKST tuple describing the status of a large trunk group.

338. RTINPPS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTinppsast.c. While initializing and inserting rIPPSAST tuples, an error return was received from the DBfintup() or DBstnxt() primitive. The first data dump contains the currently used tuple from

the RLIS_LINE relation. Study the stack frame dump to gain further insight into this assert.

339. RTINPPTKST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rLPPTKST tuple. The RLPPTKST relation keeps the status of the trunk group.

340. RTINPRT_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLPORT_GROUP relation or an unknown port group type was found in an rLPORT_GROUP tuple. The key was obtained from the RLQKEYPORT relation.

Data Structures:

RLPORT_GROUP. Key fields: port ID (port.member and port.module).

The first four hex digits are the port.member, the second two hex digits are empty, the next two hex digits are the port.module.

Action:

Use RC/V (or ODBE, if necessary) to check that the indicated tuple is contained in the RLPORT_GROUP relation. If it is, check that the port group type is TM_LINE or TM_TRK. Use RC/V (or ODBE, if necessary) to correct the port group type. If the indicated rLPORTGROUP tuple is missing, use ODBE to remove or correct an rLQKEYPORT tuple or add an rLPORTGROUP tuple.

341. RTINPSPT_GP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rLPSPT_GP tuple. The port obtained from the RLQKEYPORT relation does not have a corresponding tuple in the packet switched port to group relation RLPSPT_GP.

Data Structures:

RLPSPT_GP, RLQKEYPORT.

In the ROP output, the module is the first byte (in hex), the ph_number is the first seven bits of the second byte (in hex), and the ph_cn is the first seven bits of the third byte (in hex).

Action:

Check that the port group type (grptype) is TM_LINE or TM_TRK. Use RC/V (or ODBE, if necessary) to correct the port group type. If the indicated rLPSPT_GP tuple is missing, use ODBE to remove or correct an rLQKEYPORT tuple or add an rLPSPT_GP tuple.

342. RTINPSSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTinpsagc.c. An invalid grptype was found. The first data dump contains the rLPSPT_GP data structure that was passed in. Check that the port group type (grptype) is TM_LINE or TM_TRK. Use RC/V (or ODBE, if necessary) to correct the port group type.

343. RTINQKEYPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the relation RLQKEYPORT.

344. RTINQM_OGT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the queues for a trunk group and simulated facility group queueing failed because the dynamic member relation RLQM_OGT was not built.

Data Structures:

RLQU_OGTOS. Key field: ogt_key.

RLQM_OGT. Key field: mem_key.

Action:

This initialization is based on office dependent data (ODD) static data in the RLQU_OGTOS relation. Check the rIQU_OGTOS tuple in the failing SM's ODD to verify that the tuple with key 4090 is populated correctly. The RQSIZE attribute should be the sum of all the other rIQU_OGTOS tuples' RQSIZE on the SM and the PQSIZE attribute should be the sum of all the other rIQU_OGTOS tuples' PQSIZE on the SM.

Any needed corrections should be made using ODBE. After the corrections are made, the failing SM should have a SELECTIVE INIT done from the SM INH & RCVRY CNTL page of the master control center (MCC) to initialize queueing dynamic data on the SM.

345. RTINQO_MLHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the queues for multiline hunt group (MLHG) queueing failed. Could not build the owner relation RLQO_MLHG.

Data Structures:

RLQU_OS.

The ROP output provides the MLHG number.

Action:

This initialization is based on the office dependent data (ODD) static data in the RLQU_OS relation. This relation should be verified for data accuracy.

346. RTINQO_OGT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of queues for trunk group and simulated facility group queueing failed because the dynamic owner relation RLQO_OGT was not built.

Data Structures:

RLQU_OGTOS. Key field: ogt_key.

RLQO_OGT. Key field: own_key.

Action:

This initialization is based on office dependent data (ODD) static data in the RLQU_OGTOS relation. Check the rIQU_OGTOS tuple in the failing SM's ODD to verify that the tuple with key 4090 is populated correctly. The RQSIZE attribute should be the sum of all the other rIQU_OGTOS tuples' RQSIZE on the SM and the PQSIZE attribute should be the sum of all the other rIQU_OGTOS tuples' PQSIZE on the SM.

Any needed corrections should be made using ODBE. After the corrections are made, the failing SM should have a SELECTIVE INIT done from the SM INH & RCVRY CNTL page of the master control center (MCC) to initialize queueing dynamic data on the SM.

347. RTINQT_OGTOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of queues for trunk group and simulated facility group (SFG) queueing failed because the owner static tuple in the RLQU_OGTOS relation is corrupted or missing.

Data Structures:

RLQU_OGTOS. Key field: ogt_key.

Action:

This initialization is based on office dependent data (ODD) static data in the RLQU_OGTOS relation. Check the rIQU_OGTOS tuple in the failing SM's ODD to verify that the tuple with key 4090 is populated correctly. Verify that the RQSIZE attribute is the sum of all the other rIQU_OGTOS tuples' RQSIZE on the SM and the PQSIZE attribute is the sum of all the other rIQU_OGTOS tuples' PQSIZE on the SM.

Any needed corrections should be made using ODBE. After the corrections are made, the failing SM should have a SELECTIVE INIT done from the SM INH & RCVRY CNTL page of the master control center (MCC) to initialize queueing dynamic data on the SM.

348. RTINQU_OS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the queues for multiline hunt group (MLHG) queueing failed. Could not access the owner static relation RLQU_OS or the idle owner tuple in the RLQU_OS relation was corrupted.

Data Structures:

RLQU_OS.

The ROP output provides the MLHG number.

Action:

The RLQU_OS relation should be verified for data accuracy.

349. RTINRTMUPHST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the multiposition hunt (MUPH) dynamic data failed.

Data Structures:

RLRTMUPHST. Key field: muph group number.

Action:

Verify the accuracy of the MUPH static data.

350. RTINSAG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTinsagc.c. An invalid return was received from a call to the OSfap() function to create local dynamic data during transition into standalone. See the stack frame dump to determine which call to OSfap() generated this exception. The first data dump contains the contents of the appropriate tuple, and the second dump contains the value of the invalid return from the OSfap() function.

351. RTINSBF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTinsblf.c. While initializing busy lamp field (BLF) related data, an error return was received from a database (DB) primitive. The first data dump contains either the error return code or the tuple buffer. Study the stack frame dump to gain further insight into this assert.

352. RTINSBF2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTinsblf.c. While initializing busy lamp field (BLF) related data in the RTblmodh(), RTblatth(), or RTsppreply() function, an error return was received from the DAdyhcnt() primitive when attempting to access the head cell of the RLREPLYBLF relation. The first data dump contains the error return value.

353. RTINSBF3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTinsblf.c. While initializing busy lamp field (BLF) related dynamic data, an error return was received from the DBfintup(), DAahhcdh(), DBfrdtup(), DBfuptup(), DAahbltm(), DAahhcbf(), DAahdhdm(), or DAahhcly() primitive. The first data dump contains the error return.

The second data dump contains the relevant rIATTH_BLF, rIATTM_BLF, rIMODH_BLF, or rIMODM_BLF tuple. Study the stack frame dump to gain further insight into this assert.

354. RTINSTFAC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in RTrcfacsta(), RTincmpfac(), or RTinsmfac().

Probable Cause:

During an addition of a rIFACSTAT tuple, the appropriate rIFACSTAT tuple was not inserted.

Action:

There are 2 dcf-data dumps generated by this assert; the first gives the bad return value from DBfintup() which caused this assert to fire, and the second gives the content of the rIFACSTAT tuple affected.

355. RTINTKOWNER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rITKOWNER tuple.

356. RTINTKSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rITKSTAT tuple.

357. RTINTOWNQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to link a tuple to the trunk busy list in the DBTKOWNQUE() macro.

358. RTINTQUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to insert an rITKQUE tuple.

359. RTINTRASM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One of the following situations occurred:

1. A fractional digital signal level 1 (DS1) (NxDS0 wideband) call originated from a remote SM (RSM), but terminated on a different SM.
2. A fractional DS1 (NxDS0 wideband) call originated from a non-RSM, but terminated on a RSM.

Data Structures:

The following data is dumped: orig_port (NxDS0 originating master port), orig_sm (originating SM), and term_sm (terminating SM).

Action:

For case 1, orig_sm is a RSM and term_sm is not the same as orig_sm. Modify the routing index so that the call is terminated to the same RSM (intra-RSM).

For case 2, orig_sm is not an RSM and term_sm is a RSM. Modify the routing index so that the call is not terminated to the RSM.

For both cases, the routing index is not set correctly in RC/V View 10.2 (ROUTE INDEX [ROUTING]) for originating trunk ports so the call failed. Correct the routing index so that orig_sm and term_sm are the same RSM, or both orig_sm and term_sm are not an RSM.

360. RTINTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rLRT_TRKG tuple. The rLRT_TRKG tuple is missing or the rLPORTGROUP tuple contains an undefined group number.

Data Structures:

RLRT_TRKG. Key field: group number.

The group number is found in the first four hex digits of the local data printed.

Action:

Use ODBE to check for a missing rLRT_TRKG tuple or an undefined group number in the RLPORTGROUP relation.
Use ODBE to correct the problem.

361. RTINVEONSFG (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfg_set.c. When attempting to read the RLRT_SFG relation, the type of SFG does not match with the EOLN call. The call is blocked with reorder tone.

Data Structures:

The originating port, the called number and mc_ri are dumped.

Action:

Use the originating port and called number to check the digit analysis forms. The call should be set up as an EOLN type of call. Use RC/V View 9.21 (PRIVATE NETWORK DIALING PLAN), to verify the NODAL 56K is set to YES. Use RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION), keyed by mc_ri, to get the SFG GP NUM. Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP), keyed by SFG GP NUM, to verify the SFG TYPE is of EON SFG.

362. RTINVEONSFG (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

***Problem:**

An exception occurs in rta/RTGbrcs/RTsfg_set.c. When attempting to read the RLRT_SFG relation, the type of SFG does not match with the EOLN call. But the call is allowed to complete.

Data Structures:

The originating port, the called number and mc_ri are dumped.

Action:

Use the originating port and called number to check the digit analysis forms. The call should be set up as an EOLN type of call. Use RC/V View 9.21 (PRIVATE NETWORK DIALING PLAN), to verify the NODAL 56K is set to YES. Use RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION), keyed by mc_ri, to get the SFG GP NUM. Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP), keyed by SFG GP NUM, to verify the SFG TYPE is of EON SFG.

363. RTINVHTTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected when attempting to read the RLRT_TRKG relation. The hunt type attribute was

set inconsistently for this trunk group.

Data Structures:

RLRT_TRKG. Key field: grpnum.

The hunt type attribute value is also dumped.

Action:

Use RC/V View 5.1 (TRUNK GROUP), keyed by grpnum, to check the value of the hunt type field. The value of hunt type should be set to 2WF, 2WB, LGFD, or LGBD for a wideband capable trunk group.

364. RTINV_PARAM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTtmtran() function is called with an invalid parameter.

365. RTINVTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to route over an ISUP7 trunk for a trunk in-WATS (TINWATS) call.

Data Structures:

The dump will contain the trunk group number (grpnum), route index to the trunk group (route_x), and the calling party dialed directory number (DN).

Action:

Use the grpnum value from the dump to access RC/V View 5.1 (TRUNK GROUP). If the trunk group is an ISUP7 trunk, then use the route_x value from the dump to access RC/V View 10.2 (ROUTE INDEX [ROUTING]) to reassign the non-ISUP7 trunk group, or use the dialed DN value from the dump to access RC/V View 1.5 (PBX-DID LINE [LINE ASSIGNMENT]) to reassign the route index that will point to the non-ISUP7 trunk group.

366. RTINVTSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected when attempting to select an outgoing common channel signaling, version 7 (CCS7) trunk group for a wideband call. The outgoing trunk group had a flexible (FLEX) channel selection scheme which is not allowed.

Data Structures:

RLRT_TRKG. Key field: grpnum.

The grpnum key is the first data item dumped, the wbttsa_type field is the second data item dumped.

Action:

Use RC/V View 5.1 (TRUNK GROUP) (keyed by grpnum) to check the value of the WB TSA TYPE field. The value should be set to NULL or FLOAT.

367. RTINWBRATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected when attempting to select an outgoing trunk group for a wideband call. Either the `wbtsa_type` and `wb_rate` attributes in the `RLRT_TRKG` relation were set up inconsistently, or the call requested data rate was not consistent with the trunk group data.

Data Structures:

`RLRT_TRKG`.

The ROP output provides the following data: `grpnum` (trunk group number), `req_rate` (enumeration value representing the data rate requested by the call), and `num_chan` (number of channels requested by the call).

Action:

Use RC/V View 5.1 (TRUNK GROUP) (keyed by `grpnum`) to check the values of the WB RATE and WB TSA TYPE fields. These two values must be set up according to the rules specified in the 5ESS® Switch Translation Guide (TG-5).

Verify the data rate requested by the call with the trunk group WB RATE on RC/V View 5.1. The following table lists all combinations of `req_rate`, `num_chan` and WB RATE.

req_rate (ROP)	data rate requested by call	num_chan (ROP)	WB RATE (RC/V View 5.1)				
			384K	1536K	384/1536K	MR	NULL
8	384K	6	OK	X	OK	OK	X
9	1536K	24	X	OK	OK	OK	X
10	num_chan x 64K	6	OK	*	OK	OK	X
10	num_chan x 64K	24	*	OK	OK	OK	X
10	num_chan x 64K	2 5 or 7 23	*	*	*	OK	X

OK in the table indicates a valid data setup.

X indicates an invalid data setup. Corrective actions: remove this trunk group from the appropriate wideband routing list on RC/V View 10.2 (ROUTE INDEX [ROUTING]).

* indicates an allowed data setup.

A trunk group with a WB RATE of 384K, 1536K, or 384/1536K is allowed to be put in a MR wideband routing list - preferably at the end of the routing list. However, a message is printed to indicate a call failure due to the incompatibility between the call requested data rate and WB RATE of the trunk group.

Actions: Remove this trunk group from the appropriate wideband routing list on RC/V View 10.2.

368. RTIPVBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in `rta/RTprims/RTinptav.c`. While initializing the trunk or multiline hunt group (MLHG) member status to idle, an invalid hunt type was found in either the `rIRT_TRKG` or `rIRT_MHG` tuple. The first data dump contains the tuple from the appropriate relation. The second data dump contains the input port argument. Study the stack frame dump to gain further insight into this assert.

369. RTIPVBPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in `rta/RTprims/RTinptav.c`. While initializing the trunk or multiline hunt group (MLHG) member status, an invalid group type was found in the tuple retrieved from the `RLPORT_GROUP` relation. The first data dump contains the `rLPORT_GROUP` tuple. The second data dump contains the port passed to the `RTinptav()`

function. Study the stack frame dump to gain further insight into this assert.

370. RTISACOF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISACOF relation, a failure code of DBNO_MATCH was returned. The rllSACOF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISACOF. Key fields: config, idp_gpid, actsetnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

371. RTISATC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTisat_cwl.c. During an attempt to update integrated services attendant (ISAT) call waiting lamps, an error return was received from the DAghdpte() primitive when attempting to obtain a pointer to a terminal equipment data block (TEDB). The first data dump contains the location of the group data block for the ISAT group from the ISATGRP_GDB() macro. Study the stack frame dump to gain further insight into this assert.

372. RTISATC2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTisat_cwl.c. During an attempt to update integrated services attendant (ISAT) call waiting lamps, an error return was received from the ISatfbstat() function. The first data dump contains the location of the group data block for the ISAT group from the ISATGRP_GDB() macro. The second data dump contains the dport and the third data dump contains the error return from ISatfbstat(). Study the stack frame dump to gain further insight into this assert.

373. RTISATLMPUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in rta/RTmfcqu/RTluminair.c. During the update or refresh of an ISAT lamp or tone, an invalid type of update action was encountered in the incoming data.

Data Structures:

The data dump will contain MGISATWORK message which has the information about the ISAT group which was requesting the update or refresh.

Action:

Study the stack frame to gain insight into this problem.

374. RTISATMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
the keys used to read this relation were not set properly.

Data Structures:

Action:
This is a database inconsistency that can only be corrected by manual action.

375. RTISATS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An exception occurred in rta/RTmfcqu/RTisatstat.c or rta/RTmfcqu/RTmklnqsta.c. During integrated services attendant (ISAT) queue manipulation (for queueing purposes), an invalid action argument was passed. The first data dump contains the multiline hunt group (MLHG) number impacted. The second data dump contains the invalid action argument. Study the stack frame dump to gain further insight into this assert.

376. RTISSCCOF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
When attempting to read the RLISSCCOF relation, a failure code of DBNO_MATCH was returned. The RLISSCCOF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:
RLISSCCOF. Key fields: pftype, grpnum.

Action:
This is a database inconsistency that can only be corrected by manual action.

377. RTISDBST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An exception occurred in rta/RTstatus/RTisdnstat.c. During an attempt to update the busy/idle status of an integrated services digital network (ISDN) multiline hunt group (MLHG) member, an unknown status request type was found in the MGLT_STAT message that was passed to the RTisdnstat() function. The first data dump contains the text of the MGLT_STAT message. The second and third data dumps contain the appropriate rIRT_MHG and rIORT_GROUP tuples for this update. Study the stack frame dump to gain further insight into this assert.

378. RTISDN1SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:
An exception occurred in rta/RTisdn/RTfeatdispc.c or in rta/RTisdn/RTmcaoff.c. During the processing of an integrated services digital network (ISDN) multiple call appearance (MCA) origination, an error return was received from the DAgetpcb() primitive when attempting to access the process control block link area (PCBLA) of a newly created terminal process.

The first data dump contains the process ID of this terminal process. The terminal process is purged. Study the stack frame dump to gain further insight into this assert.

379. RTISDN2SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: DALB	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTfeatdispc.c. During the creation of a feature or display terminal process, an error return was received from the DARhhcda() primitive when attempting to access a D-channel application linkage block (DALB). The first data dump contains the D port that the DALB is associated with. The terminal process is purged and the DALB audit is called. Study the stack frame dump to gain further insight into this assert.

380. RTISDN3SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: DPB	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTfeatdispc.c. During the creation of a feature or display terminal process, an error return was received from the DAahdpda() primitive when attempting to link a D-channel application linkage block (DALB) data block to the D-channel port block (DPB).

The first data dump contains the relevant rITEDB tuple. The second data dump contains the relevant rIDALB tuple. The third data dump contains the D port that the DALB was to be linked to. The terminal process is purged and the DPB audit is called. Study the stack frame dump to gain further insight into this assert.

381. RTISDN4SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: BRCSDB	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTmcaoff.c. While processing an integrated services digital network (ISDN) multiple call appearance (MCA) origination, an error return was received from the DARhhcbr() primitive when attempting to get an rIBRCSDB tuple from the idle list.

The first data dump contains the error return value of the relevant D port. The newly created terminal process is purged. The BRCSDB audit is called. Study the stack frame dump to gain further insight into this assert.

382. RTISDN5SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: BRCSDB	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTmcaterm.c. While processing an integrated services digital network (ISDN) multiple call appearance (MCA) termination, an error return was received from the DALbrda() primitive when attempting to link the business and residential custom services data block (BRCSDB) to the D-channel application linkage block (DALB).

The first data dump contains the relevant rITEDB tuple. The second data dump contains the relevant rIBRCSDB tuple. The third data dump contains the error return from the DALbrda() primitive. The newly created terminal process is purged and the BRCSDB audit is called. Output from the RTDUMPDATA() macro call may be sent to the /log/log/CALLPLOG1 file. Study the stack frame dump to gain further insight into this assert.

383. RTISDN6SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: PCBLA	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTmcaterm.c. While processing an integrated services digital network (ISDN) multiple call appearance (MCA) termination, an error return was received from the DAdetpcbla() primitive when

attempting to obtain the pointer to the process control block link area (PCBLA) of the current owner process.

The first data dump contains the process ID. The newly created terminal process is purged and the PCBLA audit is called. Output from the RTDUMPDATA() macro call may be sent to the /log/log/CALLPLOG1 file. Study the stack frame dump to gain further insight into this assert.

384. RTISDN7SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c or rta/RTisdn/RTmcaoff.c. While processing an integrated services digital network (ISDN) multiple call appearance (MCA) origination or termination, an error return was received from the RImoveb() function when attempting to move the B channel from the old terminal process to the new terminal process.

The first data dump contains the process control block link area (PCBLA) of the new process or the impacted B port. The second data dump contains the PCBLA of the owning process or the PCBLA of the new process. The third dump contains the process ID of the new terminal process or the PCBLA of the owning process. This assert will also cause a single process purge of that process. Study the stack frame dump to gain further insight into this assert.

385. RTISDN8SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c. When processing an integrated services digital network (ISDN) multiple call appearance (MCA) termination, an error return was received from the RTBNULLSTAT() macro when attempting to set the originating processor's business and residential custom services data block (BRCSDB) to a null state.

The first data dump contains the contents of the MGLNT_REQ message. The second data dump contains the process ID of the process to be purged and the third data dump contains the error return value. The process indicated in the dump will be purged. Study the stack frame dump to gain further insight into this assert.

386. RTISDN9SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c, RTacdterm.c, or rta/RTisdn/RTmcaoff.c. When processing an integrated services digital network (ISDN) 1) automatic call distribution (ACD) hunted call termination, or 2) a multiple call appearance (MCA) origination or termination, an error return was received from the Rlputcamp() function.

The first data dump contains 1) the config value passed to the Rlputcamp() function, or 2) the impacted B port. The second data dump contains 1) the impacted B port, or 2) the process ID of the newly created process. The third data dump contains 1) the process ID of the new terminal process, or 2) the error return from the Rlputcamp() function. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

387. RTISDN10SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c, RTacdterm.c, or rta/RTisdn/RTmcaoff.c. When processing an

integrated services digital network (ISDN) 1) ACDBRCS hunted call termination, or 2) a multiple call appearance (MCA) origination or termination, an error return was received from the DAcpopc() primitive.

The first data dump contains 1) the process ID of the new terminal process, or 2) the impacted B port. The second data dump contains 1) the impacted B port, or 2) the process control block link area (PCBLA) of the newly created terminal process. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

388. RTISDN11SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c. When processing an integrated services digital network (ISDN) multiple call appearance (MCA) termination, an error return was received from the Rlalloccre() function when attempting to allocate a call reference value. The first data dump contains the impacted D port. The newly created terminal process is purged. Study the stack frame dump to gain further insight into this assert.

389. RTISDN12SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c, RTacdterm.c, or rta/RTisdn/RTmcaoff.c. When processing an integrated services digital network (ISDN) 1) ACDBRCS hunted call termination, or 2) a multiple call appearance (MCA) origination or termination, an error return was received from the Rladdalb() function.

The first data dump contains 1) the appropriate rITEDB tuple, or 2) the impacted D port. The second data dump contains 1) the impacted B port, or 2) the appropriate rITEDB tuple. The third data dump contains the relevant rIORTLA tuple. Output from the RTDUMPDATA() macro call may be generated and sent to the /log/log/CALLPLOG1 file. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

390. RTISDN13SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c, RTacdterm.c, or rta/RTisdn/RTmcaoff.c. When processing an integrated services digital network (ISDN) 1) ACDBRCS hunted call termination, or 2) a multiple call appearance (MCA) origination or termination, an error return was received from the DAfpcda() primitive.

The first data dump contains 1) the appropriate rITEDB tuple or 2) the appropriate rIDALB tuple. The second data dump contains the process control block link area (PCBLA) of the new terminal process. The third data dump contains the error return from the DAfpcda() primitive. Output from the RTDUMPDATA() macro call may be generated and sent to the /log/log/CALLPLOG1 file. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

391. RTISDN14SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c or RTacdterm.c. While processing an integrated services digital network (ISDN) ACDBRCS hunted call termination or a multiple call appearance (MCA) termination, an error return was received from the OSSENBFBM() macro.

The first data dump contains the process ID of the newly created terminal process. The second data dump contains the message that should have been sent. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

392. RTISDN15SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcaterm.c, RTacdterm.c, or rta/RTisdn/RTmcaoff.c. When processing an integrated services digital network (ISDN) 1) ACDBRCS hunted call termination, or 2) a multiple call appearance (MCA) origination or termination, an error return was received from the DAibrda() primitive.

The first data dump contains 1) the appropriate rITEDB tuple, or 2) the appropriate rIDALB tuple. The second data dump contains the relevant rIBRCSDB tuple. The third data dump contains the error return from the DAibrda() primitive. Output from the RTDUMPDATA() macro call may be generated and sent to the /log/log/CALLPLOG1 file. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

393. RTISDN16SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcaoff.c. While processing an integrated services digital network (ISDN) multiple call appearance (MCA) origination, an error return was received from the RTbusysa() function.

The first data dump contains the impacted D port. The second data dump contains the error return value. The newly created terminal process is purged. Study the stack frame dump to gain further insight into this assert.

394. RTISDN17SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTfeatdispc.c. During the creation of a feature or display terminal process, an error return was received from the DAipcda() primitive when attempting to link the D-channel application linkage block (DALB) to the process control block link area (PCBLA) of the newly created terminal process.

The first data dump contains the relevant rITEDB tuple. The second data dump contains the contents of the DALB that was to have been linked to the PCBLA. The third data dump contains the appropriate D port data block. The terminal process is purged. Study the stack frame dump to gain further insight into this assert.

395. RTISDN18SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcaterm.c. When attempting to process an integrated services digital network (ISDN) termination request, an error return was received from the DAgetpcb() primitive when attempting to obtain a pointer to the newly created termination terminal process's process control block link area (PCBLA).

The first data dump contains the process ID of the newly created process and the second data dump contains the creatdata structure used to create the new terminal process. The new terminal process will be purged. Study the stack frame dump generated to gain further insight into this assert.

396. RTISDN19SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: BRCSDB	Audit Mode: elev

Problem:

An exception occurred in rta/RTisdn/RTmcaterm.c or RTacdterm.c. While processing an integrated services digital network (ISDN) termination request, an error return was received from the DARhhcbr() primitive when attempting to obtain a pointer to a business and residential custom services data block (BRCSDB) from the idle list.

The first data dump contains the process for the impacted D port. The second data dump contains the terminal equipment data block (TEDB), and the third data dump contains the error return from the DARhhcbr() primitive. The new terminal process is purged, and the BRCSDB audit is run. Study the stack frame dump to gain further insight into this assert.

397. RTISDTGS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISDTGS relation, a failure code of DBNO_MATCH was returned. The rLISDTGS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISDTGS. Key fields: config, pftype, grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

398. RTISHBAC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTishkey.c. During the status update of an integrated services digital network (ISDN) huntkey in multiline hunt group (MLHG) dynamic data, an invalid huntkey action was found in the MGISHKEY message.

The first data dump contains the text of the MGRTSTFWD message (into which much of the data from the MGISHKEY message was copied). Study the stack frame dump to gain further insight into this assert.

399. RTISHBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTishkey.c. During the attempt to update the status of an integrated services digital network (ISDN) huntkey in the appropriate multiline hunt group (MLHG) dynamic data, an invalid hunt type was found in the rLRT_MHG tuple just read.

The first data dump contains the rLRT_MHG tuple. The second data dump contains the text of the MGRTSTFWD message that was to have been sent. Study the stack frame dump to gain further insight into this assert.

400. RTISLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIS_LINE relation, a failure code of DBNO_MATCH was returned. The rLIS_LINE

tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIS_LINE. Key fields: lead_module, ltm_idx.

Action:

This is a database inconsistency that can only be corrected by manual action.

401. RTISMBLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIS_TMBLST relation, a failure code of DBNO_MATCH was returned. The RLIS_TMBLST tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIS_TNMLST. Key fields: grpnum, subgrp.

Action:

This is a database inconsistency that can only be corrected by manual action.

402. RTISRMBLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISRMBLST relation, a failure code of DBNO_MATCH was returned. The RLISRMBLST tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIS_TMBLST. Key fields: grpnum, subgrp.

Action:

This is a database inconsistency that can only be corrected by manual action.

403. RT_ISRMBLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid call termination treatment was found in the RLISRMBLST relation. The only valid values are RMBHUNT, RMBNOHUNT, and RMBBOTH.

Data Structures:

RLISRMBLST. Key fields: grpnum, subgrp.

Action:

Manual action is needed to set a valid call termination treatment.

404. RTISTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLIS_TERM relation, a failure code of DBNO_MATCH was returned. The RLIS_TERM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLIS_TERM. Key fields: lport, termno.

Action:

This is a database inconsistency that can only be corrected by manual action.

405. RTISTGDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISTGIDX relation, a failure code of DBNO_MATCH was returned. The rLISTGIDX tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISTGIDX. Key fields: config, tgidx.

Action:

This is a database inconsistency that can only be corrected by manual action.

406. RTISTGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISATGRP relation, a failure code of DBNO_MATCH was returned. The rLISATGRP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISATGRP. Key field: isat_idx.

Action:

This is a database inconsistency that can only be corrected by manual action.

407. RTISTLMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISATLMT relation, a failure code of DBNO_MATCH was returned. The rLISATLMT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISATLMT. Key field: config.

Action:

This is a database inconsistency that can only be corrected by manual action.

408. RTISTMBLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A corrupted tuple was found in the RLISTMBLST relation.

Data Structures:

RLISTMBLST.

Action:

Use ODBE to correct the rLISTMBLST tuple.

409. RTISTMBR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISATMBR relation, a failure code of DBNO_MATCH was returned. The rLISTMBR tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISATMBR. Key field: isat_idx.

Action:

This is a database inconsistency that can only be corrected by manual action.

410. RTISTMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLISATMOD relation, a failure code of DBNO_MATCH was returned. The rLISTMOD tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLISATMOD. Key field: isat_idx.

Action:

This is a database inconsistency that can only be corrected by manual action.

411. RTIVGLASS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to change one or more of the local area signaling services (LASS) global access parameters to an invalid state (LASSNULL). This state is not allowed, the valid states are UNAVAILABLE, TEMP_UNAVAIL, SUBSCRIPTION, and GEN_AVAIL.

412. RTIVLASSACS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One or more of the local area signaling services (LASS) access parameters is set to an invalid value. The global parameters that may be affected are Glcot_access, Glac_access, Glar_access, Glscrac, Glascaac, Glscfac, and Glstdaac.

Data Structures:

RLLASSCONV.

Action:

Use RC/V View 8.18 (LASS FEATURE ACCESS) to change the access parameters to a valid value.

413. RTJ071_1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert for ASSERTB1 calls that is used until the routing and terminal allocation (RTA) assert range is increased. Study the stack frame to determine the exact cause of the exception which triggered this assert.

414. RTJ071_2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert for ASSERTB2 calls that is used until the routing and terminal allocation (RTA) assert range is increased. Study the stack frame to determine the exact cause of the exception which triggered this assert.

415. RTJ071_3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert for ASSERTB3 calls that is used until the routing and terminal allocation (RTA) assert range is increased. Study the stack frame to determine the exact cause of the exception which triggered this assert.

416. RTJ071_4 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert to be used for ASSERTD applications until the routing and terminal allocation (RTA) assert range expansion is recognized by the asrtreq tool. An ASSERTD will cause of single process purge of the specified process and will cause one dcf-data dump to be generated, as well as the normal dumps that come out for a single process purge.

417. RTJMPTS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGsa/RTjumpstest.c. While hunting for an available trunk or multiline hunt group (MLHG) member when a multi-module remote SM (MMRSM) cluster is in a standalone state, the routing state of the route attempt was incorrect or unknown.

The first data dump contains the invalid routing state. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

418. RTLASSMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred during local area signaling services (LASS) screen list editing (SLE) feature execution. An unknown or corrupted message type value was found during processing in the RTlass_msg() function to send the MGRT_ARC message to a different SM in the process routing data block buffer. The text of the MGRT_ARC message to be sent that is in the process routing data block buffer is dumped.

419. RT_LGMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

key used to read this relation was not set properly.

Data Structures:**Action:**

This is a database inconsistency that can only be corrected by manual action.

420. RTLINETM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTlineterm.c. An error return was received from the RTfrwdfs() function when processing a line termination request - this is a feature interaction between the call forwarding, multiline hunt group (MLHG), and/or precedence and preemption features.

The first data dump contains the global port to be terminated to. The second data dump contains the error return from RTfrwdfs(). Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

421. RTLMPST1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTImp_stat.c. During an attempt to update the status of feature button lamps for line queueing, an error return was received from the ISfbutstat() function.

The first data dump contains the relevant rIGROUP_PORT tuple. The second data dump contains the just read rIFEATBN tuple, and the third data dump contains the error return from ISfbutstat(). Study the stack frame dump to gain further insight into this assert.

422. RTLMPUD1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTImp_udte.c. During an attempt to refresh feature button call waiting lamps for multiline hunt groups, an invalid value for the number of lamps to update was passed in the lampdata structure.

The first data dump contains that lampdata structure. Study the stack frame dump to gain further insight into this assert.

423. RTLMPUD2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTImp_udte.c. During an attempt to refresh feature button call waiting lamps for multiline hunt groups, an invalid return value was received from the RTcwl_tc() function.

The first data dump contains the invalid return value. The second data dump contains the contents of the relevant rIQO_MLHG tuple. Study the stack frame dump to gain further insight into this assert.

424. RTLNDQU1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTIn_dque.c, RTInq_stat.c, or RTmlghunt.c. During the processing of a line termination which involves hunted lines, a check was made to see if this call could be queued. The hunt type of this multiline hunt group (MLHG) was inappropriate for line queueing.

The first data dump contains the rIRT_MHG tuple in the group data block. Study the stack frame dump to gain further insight into this assert.

425. RTLNEONSFG (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurs in rta/RTGbrcs/RTsfg_set.c or RTInessx.c. The data is not set correctly for EOLN calls. But the call is allowed to complete.

Data Structures:

The terminating DN, originating port, dialed digits, EON_MCRI and NODAL_IDX are dumped.

Action:

If EON_MCRI is zero:

Use RC/V View 1.8 (ANALOG LINE/BRCS ASSIGNMENT) or 23.8 (DSL/BRCS ASSIGNMENT), keyed by the terminating DN, to find out the terminal group ID of the DN. Use RC/V View 7.2 (PFA TERMINAL GROUP), keyed by the terminal group ID, to verify that eon_mcri is populated with a valid value.

If NODAL_IDX is zero:

Use originating port and the dialed digits, to find the value of NODAL_IDX through digit analysis. NODAL_IDX should have a valid range between 1 and 7.

If both NODAL_IDX and EON_MCRI have valid values:

Use RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION), keyed by the sum of NODAL_IDX and EON_MCRI, to get the SFG GP NUM. Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP), keyed by SFG GP NUM, to verify the SFG TYPE is of EON SFG.

426. RTLNK_PLI (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLNK_PLI relation, a failure code of DBNO_MATCH was returned. The rILNK_PLI tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLLNK_PLI. Key fields: unittype, unitnumber, pct_link.

Action:

This is a database inconsistency that can only be corrected by manual action.

427. RTLNQST1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTInq_stat.c. During the processing of a line queueing status message, an invalid value was found in the action field.

The first data dump contains the invalid action. The second data dump contains the contents of the multi-line hunt group (MLHG) global data block. Study the stack frame dump to gain further insight into this assert.

428. RTLNQST2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTInq_stat.c. During the processing of a line dequeue status message, an error return was received from the RTmuph(), RTucd(), RTcircular(), or RT_isatucd() function.

The first data dump contains the error return. The second data dump contains the contents of the multi-line hunt group (MHG) global data block. Study the stack frame dump to gain further insight into this assert.

429. RTLNQST3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTInq_stat.c. During the processing of a line dequeue status message, when processing a multiple position hunt (MUPH) hunt type group, the start hunt position (ht_strt_pos) was out of range.

The first data dump contains the MUPH information from the multi-line hunt group (MLHG) global data block. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

430. RTLPT_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLPT_PT relation, a failure code of DBNO_MATCH was returned. The rLLPT_PT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLLPT_PT. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

431. RTLPTSPD (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the virtual relation RLLPTSPID, a failure code of DBNO_MATCH was returned. Either the static rLLPT_SPID tuple (the storage form of RLLPTSPID) is missing or the keys used to read this relation were not set properly.

Data Structures:

RLLPT_SPID. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

432. RTLPTSPD (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLPT_SPID relation, a failure code of DBNO_MATCH was returned. The rLPT_SPID tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLLPT_SPID. Key fields: lport, lpt_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

433. RTLPTYFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value for LP_TYPE was found in the RLFC_LINE relation. The LP_TYPE is neither ANALOG nor ISDN.

434. RTLFSF_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSF_CF relation, a failure code of DBNO_MATCH was returned. The rLSF_CF tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLLSF_CF. Key field: FEAT_ID.

The key value FEAT_ID will be printed on the ROP along with the LTM_TYPE and LTM_IDX values.

Action:

The port attempting to use the local area signaling services (LASS) feature selective call forwarding (SCF), selective call rejection (SCR), selective distinctive alerting (SDA), or computer access restriction (CAR) has a feature assigned (an entry exists in the rIDN_FEATS relation for the LTM_IDX and LTM_TYPE), but no rLSF_CF tuple exists that is associated with the LASS selective feature ID.

Use RC/V (or ODBE, if necessary) to cross-check the data in the indicated SM and CMP.

1. Use the FEAT_ID provided in the ROP output to read the RLfid2NAME relation in the CMP where RLfid2name.facid is the LASS selective feature ID, RLfid2name.class is FACBRCS, and RLfid2name.subclass is SCL_NULL.
2. If an rLFID2NAME tuple does not exist for the LASS selective feature ID, further office dependent data (ODD) inconsistencies may exist. Contact the next level of support.
3. If an rLFID2NAME tuple exists for the LASS selective feature ID, insert the appropriate rLSF_CF tuple in the indicated SM. Since RLLSF_CF is an SM redundant relation, the values for RLLSF_CF can be found by reviewing the same tuple in another SM.

435. RTLSEHCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSEHCA relation, a failure code of DBNO_MATCH was returned. The rLSEHCA tuple is missing or the key used to read this relation was not set properly. The key value GRPNUM will be printed on the ROP.

Data Structures:

RLLSEHCA. Key field: GRPNUM.

Action:

This is a database inconsistency that can only be corrected by manual action.

436. RTLSEHCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSEHCF relation, a failure code of DBNO_MATCH was returned. The rLSEHCF tuple is missing or the key used to read this relation was not set properly. The key value GRPNUM will be printed on the ROP.

Data Structures:

RLLSEHCF. Key field: GRPNUM.

Action:

This is a database inconsistency that can only be corrected by manual action.

437. RTLSEHCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSEHCR relation, a failure code of DBNO_MATCH was returned. The rLSEHCR tuple is missing or the key used to read this relation was not set properly. The key value GRPNUM will be printed on the ROP.

Data Structures:

RLLSEHCR. Key field: GRPNUM.

Action:

This is a database inconsistency that can only be corrected by manual action.

438. RTLSEHDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSEHDA relation, a failure code of DBNO_MATCH was returned. The rLSEHDA tuple is missing or the key used to read this relation was not set properly. The key value GRPNUM will be printed on the ROP.

Data Structures:

RLLSEHDA. Key field: GRPNUM.

Action:

This is a database inconsistency that can only be corrected by manual action.

439. RTLFSFSCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSCA relation, a failure code of DBNO_MATCH was returned. The rLSFSCA tuple is missing or the keys used to read this relation were not set properly. The key values SCA_IDX and RANGE, along with the LTM_INDEX and LTM_TYPE values, will be printed on the ROP.

Data Structures:

RLLSFSCA. Key fields: SCA_IDX, RANGE.

Action:

This is a database inconsistency that can only be corrected by manual action.

440. RTLFSFCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSCF relation, a failure code of DBNO_MATCH was returned. The rLSFSCF tuple is missing or the keys used to read this relation were not set properly. The key values SCF_IDX and RANGE, along with the LTM_INDEX and LTM_TYPE values, will be printed on the ROP.

Data Structures:

RLLSFSCF. Key fields: SCF_IDX, RANGE.

Action:

This is a database inconsistency that can only be corrected by manual action.

441. RTLFSFSCR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSCR relation, a failure code of DBNO_MATCH was returned. The rLSFSCR tuple is missing or the keys used to read this relation were not set properly. The key values SCR_IDX and RANGE, along with the LTM_INDEX and LTM_TYPE values, will be printed on the ROP.

Data Structures:

RLLSFSCR. Key fields: SCR_IDX, RANGE.

Action:

This is a database inconsistency that can only be corrected by manual action.

442. RTLFSFDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLSFSDA relation, a failure code of DBNO_MATCH was returned. The rLSFSDA tuple is missing or the keys used to read this relation were not set properly. The key values SDA_IDX and RANGE, along with the LTM_INDEX and LTM_TYPE values, will be printed on the ROP.

Data Structures:
RLLSFSDA. Key fields: SDA_IDX, RANGE.

Action:
This is a database inconsistency that can only be corrected by manual action.

443. RTLTM_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
When attempting to read the RLLTM_PORT relation, a failure code of DBNO_MATCH was returned. The rLTM_PORT tuple is missing or the key used to read this relation was not set properly.

Data Structures:
RLLTM_PORT. Key field: ltm_idx.

Action:
This is a database inconsistency that can only be corrected by manual action.

444. RTLTSBCW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An exception occurred in the RTltsb_cwt() function during an attempt to apply call waiting during a termination to a line time slot bridging (LTSB) port. Data in the termination message is not what was expected. The termination message is dumped. The stack frame contains important information for determining the cause of this exception.

445. RTLTSBDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An exception occurred in the rta/RTltsb/RTltsbdbnd.c file, in function RTltsbdbnd(). A read of the global parameter Glttsbdb discovered a value greater than the maximum number of rLTSB tuples allowed for a given SM. The invalid parameter value is dumped.

446. RTLTSBPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The RLLTSBPORT relation was missing a tuple for a line time slot bridging (LTSB) group.

Data Structures:
RLLTSBPORT.

The data for the missing rLTSBPORT tuple is dumped.

Action:
Insert an rLTSBPORT tuple.

447. RTLTSBPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLLTSBPORT relation, a failure code of DBNO_MATCH was returned. The rLTSBPORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLLTSBPORT. Key field: lport.

Action:

This is a database inconsistency that can only be corrected by manual action.

448. RTLTSBSPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTltsbmsg() function during keep alive processing of line time slot bridging (LTSB) ports. The exception is one of the following: 1) a call to the DAfcltd() primitive returned a value of DBNO_LINK when looking for a LTSB data block (LTSBDB) linked to the call leg data block (CLDB), or 2) a read of the static relation RLLTSBPORT returned DBNO_MATCH indicating no LTSB data exists for the given LTSB port.

The data dump contains the CLDB. Inspect the stack frame dump for further information regarding this exception. This assert will cause a single process purge.

449. RTMAIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the routing and terminal allocation (RTA) AM routing system process (rta/RTmain/RTamrtg.c), RTA CMP global routing system process or RTA SM local routing system process (rta/RTmain/RTmainrtg.c), or RTA terminating system process (rta/RTmain/RTimmsgcnt.c). In all cases, an unrecognized initialization reason was passed when the system process was initialized. The first data dump contains the unrecognized reason. Study the stack frame dump to gain further insight into this assert.

450. RTMASK_BLF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rIMASK_BLF tuple was missing in this SM when a database read was attempted.

Data Structures:

RLMASK_BLF. Key fields: isat_idx, hgid.

The isat_idx key is the integrated services digital network (ISDN) attendant group and the hgid key is the 100s group identifier (nocx256+d4x16+d3).

Action:

With the hgid and isat_idx values from the dump, use RC/V View 4.26 (ISDN HUNDREDS GROUP BUSY LAMPS) to verify the following: 1. If the rIMASK_BLF tuple does not exist: On this SM, an attendant console with a 100s group select button or a combination of buttons (one noc select button and a DSS button) selected the given 100s group defined, but no corresponding rIMASK_BLF tuple is defined. 2. If the view indicates that an rIMASK_BLF tuple with the right hgid and isat_idx values exists, call the next level of support.

451. RTMBYBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTmakebusy.c. During the status update (to busy) of selected multiline hunt group (MLHG) members, an invalid hunt type was found in the passed in argument. The first data dump contains the invalid hunt type. The second data dump contains appropriate rTMBLIST tuple that was read in this function. Study the stack frame dump to gain further insight into this assert.

452. RTMCAOF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c or in rta/RTisdn/RTfeatdispc.c. During the processing of an integrated services digital network (ISDN) multiple call appearance (MCA) origination or termination, an error return of OSEPROG was received from the OSCREATE() macro when attempting to create a new terminal process. The first data dump contains the process ID returned from OSCREATE(). Study the stack frame dump to gain further insight into this assert.

453. RTMCAOF2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c or in rta/RTisdn/RTfeatdispc.c. During the processing of an integrated services digital network (ISDN) multiple call appearance (MCA) origination or termination, an error return of OSEPROG was received from the OSCREATE() macro when attempting to create a new terminal process.

The first data dump contains the process ID returned from OSCREATE(). The second data dump contains the create data structure passed to OSCREATE(). Study the stack frame dump to gain further insight into this assert.

454. RTMCATE1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisdn/RTmcatern.c. When processing an integrated services digital network (ISDN) multiple call appearance (MCA) termination, an error return was received from the RTfrwdfs() function.

The first data dump contains the MGLNT_REQ message. The second data dump contains the relevant D port . Study the stack frame dump to gain further insight into this assert.

455. RTMCTR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_MCTR relation, a failure code of DBNO_MATCH was returned. The rIRT_MCTR tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_MCTR. Key field: locdn.

Action:

This is a database inconsistency that can only be corrected by manual action.

456. RTMDLBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTmakeidle.c. During the status update (to idle) of selected multiline hunt group (MLHG) members, an invalid hunt type was found in the passed in argument.

The first data dump contains the invalid hunt type. The second data dump contains the appropriate rTMBLIST tuple that was read in the RTmakeidle() function. Study the stack frame dump to gain further insight into this assert.

457. RTMDRSFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLDB_AMGPD tuple with the given keys cannot be found in the static database. The tuple is missing or the keys used to access the tuple are invalid.

Data Structures:

RLDB_AMGPD. Key fields: grp_id, grp_type.

Action:

This is a database inconsistency that can only be corrected by manual action. Use RC/V View 24.33 (MESSAGE DETAIL RECORDING GROUP PARAMETERS) to insert this group. Then assign this group to RC/V View 7.3 (PFA SIMULATED FACILITY GROUP).

458. RTMGPRC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTmsgproc.c. An unexpected message was received in the routing and terminal allocation (RTA) routing system process. The first data dump contains the contents of the input message buffer. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

459. RTMHGCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLMHG_CF relation, a failure code of DBNO_MATCH was returned. The rLMHG_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLMHG_CF. Keyfield: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

460. RTMINSA1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTminsast.c. During the attempt to check and/or update the minimum precedence level for a given multiline hunt group (MLHG), the RTminsast() function could not access the relevant

rIPPSAST dynamic tuple.

The first data dump contains the contents of the rIIS_LINE tuple passed to this function. Study the stack frame dump to gain further insight into this assert.

461. RTMKLNQ1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTmklnqsta.c. When attempting to determine the status of the queue for a given multiline hunt group (MLHG), an error return was received from the DBretrvblk() primitive when attempting to read the RLQ_ISAT or RLQO_MLHG relation. The first data dump contains the MLHG value passed, The second data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

462. RTMLGDP1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTmlgdph.c. During the selection of a multi-line hunt group/member for a line termination, the start hunt member for a UCD or LGUCD hunt type group was out of range.

The first data dump contains the dynamic data from the rILNSTAT or rILGLNST tuple for that hunt group. Study the stack frame dump to gain further insight into this assert.

463. RTMLGHT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGmlg/RTmlghunt.c. While hunting a multi-line hunt group (MLHG)/member, an invalid or unexpected return was received from the RTregular(), RTcircular(), RTucd(), RTisat(), or RTmuph() function.

The first data dump contains the error return. The second data dump contains the multi-line hunt group (MLHG) global data block. Study the stack frame dump to gain further insight into this assert.

464. RTMODATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in RTincmpfac(). During the initialization of rIFACSTAT dynamic tuples in the CMP, an error return was received from DBstfst() or DBstnxt() when stepping through the RLMODATT static relation. As a consequence of this assert, the RLACSTAT dynamic relation is probably not initialized properly.

Probable Cause:

Database (DB) access error.

Action:

There are 2 dcf-data dumps generated by this assert; the first gives the content of rIMODATT tuple, and the second gives the error return. Study the stack frame dump to gain further insight into this assert.

465. RTMONI_BLF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLMONI_BLF tuple was missing in this module when a database read was attempted.

Data Structures:

RLMONI_BLF. Key fields: hgid, index, hglneq.

The hgid key is the 100s group identifier (nocx256+d4x16+d3), the index key is the 100s group line status data index, and the hglneq key is the 100s group line equipment or multi-line hunt group (MLHG) directory number (DN) allocation.

Action:

The dump contains the contents of the RLMONI_BLF relation local buffer. With the hgid from the dump, use RC/View 4.27 (ISDN HUNDREDS GROUP SM STRUCTURE) to verify the following. View 4.27 is a 100s group RLTREE_BLF relation view.

1. If this tree relation tuple is in the same module that the assert error message came from and there is no DN with status being monitored on this module, call the next level of support.
2. If this tree relation tuple is in the same module that the assert error message came from and there is a DN with status being monitored on this module, this is a data inconsistency problem. This may be caused by incomplete ODBE work.
3. If View 4.27 shows that the module is in the tree structure as an SM or AM module, there is a problem with database access or a data inconsistency between the RLMONI_BLF and RLTREE_BLF relations. Call the next level of support.

466. RTMP_UEXP_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was encountered for a message header type. An operating system (OS) message is expected. This assert originates from the RTmsgproc() function. No audits are scheduled.

467. RTMRSP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmonitor/RTmrsp.c for the monitor resource system process (MRSP). An unrecognized initialization reason was passed when the system process was initialized. The first data dump contains the reason. Study the stack frame dump to gain further insight into this problem.

468. RTMRTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTMRAUDIT() macro which is defined in rta/hdr/RTmrmacro.L. This macro is called when the monitor resource system process (MRSP) receives a MGTIMER message. The MGTIMER message contains the audit type and starting index of the head queue array RTmrhead[] or list queue array RTmrlist[]. An invalid monitor resource audit type was found. The data dump contains a pointer to the MGTIMER message buffer. Study the stack frame dump to gain further insight into this problem.

469. RTMR_UEXP_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the monitor resource system process (MRSP). The data dump contains the pointer of the incoming message buffer. Study the stack frame dump to gain further insight into this problem.

470. RTMSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Routing code encountered an invalid value in some field in the message being processed. A raw (hex) dump of the entire message is printed on the ROP. The program listing associated with the failing address identified in the ROP message is required to determine the nature of this error.

471. RTMSGCAMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received by the routing and terminal allocation (RTA) local routing system process, rta/RTmain/RTmsgproc(). An MGSTATCHG, MGINH_CMNI, or MGALW_CMNI message was encountered which should never be received in the SM. The data dump contains the message header of the unexpected message.

472. RTMSG_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The nail-up routing and terminal allocation (RTA) SM system process was entered with an invalid reason.

473. RTMSGQFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SM terminal process is sending a port status message to the local routing system process (LRSP) and has detected that the CM output message queue has only 3 message slots available.

Probable Cause:

Software bug. A terminal process is not taking adequate time breaks when sending multiple status messages to the LRSP.

Action:

Use the function back trace provided by the assert to determine if the TP is sending multiple messages to the LRSP without taking an adequate time break to allow the CM output message queue to be unloaded.

474. RTMSKBLF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLMASK_BLF relation, a failure code of DBNO_MATCH was returned. The rIMASK_BLF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLMASK_BLF. Key fields: isat_idx, hgid.

Action:

This is a database inconsistency that can only be corrected by manual action.

475. RTMSUSP1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTmsusp.c. During the initialization of the metallic service unit (MSU) system process, an unknown initialization reason was passed to the RTmsinit() function. The first data dump contains that unknown reason. Study the stack frame dump to gain further insight into this assert.

476. RTMSUSP2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTmsusp.c. The metallic service unit (MSU) system process message handler, the RTmsuwork() function, received an error return code from the OSWGETMSG() macro. The first data dump contains that error return. Study the stack frame dump to gain further insight into this assert.

477. RTMSUSP3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTmsusp.c. The metallic service unit (MSU) system process message handler, the RTmsuwork() function, received an unexpected message or the expected message received has an invalid port value. The first data dump contains the full text of the message received. Study the stack frame dump to gain further insight into this assert.

478. RTMSUSP4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTmsusp.c. During the processing of an MGREG_MLHG or MGMSGREG message by the metallic service unit (MSU) system process message handler, an inconsistency was found in the contents of the message in the RTmsgreg() function. The first data dump contains the port being processed. Study the stack frame dump to gain further insight into this assert.

479. RT_NAIL_UP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLNAILUP relation, a failure code of DBNO_MATCH was returned. The rLNAILUP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLNAILUP. Key field: port1.

Action:

This is a database inconsistency that can only be corrected by manual action.

480. RTNMPSTHTFAIL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTnmpostht.c. When the original attempt to route to a trunk group failed because the trunk group was busy or otherwise unavailable, alternate routing was attempted. However, during this attempt, an invalid or unknown return was received from network management (NM) posthunt controls. The first data dump contains that return value. Study the stack frame dump to gain further insight into this assert.

481. RTNO_GPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was not found when attempting to read the relation RLFC_LINE to get the global port. No audits were run. This assert originates from the RTacb_msg() function.

482. RT_NOISMPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During routing of an X.25 virtual call or setup of a permanent virtual circuit (PVC), the destination port was located on a different SM. No X.25 path is equipped between this SM and the destination SM; the X.25 connection cannot be established.

Action:

Determine if the called directory number (DN) is served by a line on the terminating SM and if X.25 virtual calls or PVCs are supported between these two SMs. If so, use RC/V View 22.13 (INTER-SM NAIL-UP) to assign an X.25 nailed-up timeslot path between them. If not, all packet switch lines and trunks on the originating SM should have their digit interpreters modified to deny calls to DNs on this terminating SM.

483. RTNO_PRIQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The priority queue did not exist when the RTchkqstat() function was called to check its status.

484. RTNORMS_D3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A non-remote measurement system-digital 3 (RMS-D3) port type was encountered. The assert is followed by the OSSUCCESS code. This assert originates from the RTrmsidle() function. No audits were scheduled.

485. RTNOTKQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When sending a keep alive message from the RTtrkgka() function, an attempt was made to read the dynamic relation RLTKQUE using the qkey attribute from the RLPORT_GROUP static relation. The rIPORT_GROUP tuple was successfully read, but the qkey field was invalid, the rITKQUE dynamic tuple was lost, or the rITKQUE tuple does not exist on this SM because it is a global group. If it is a global group, the module attribute in the RLRT_TRKG

relation is in error.

Data Structures:

RLTKQUE, RLPORT_GROUP, RLRT_TRKG, RLQKEYPORT.

The ROP output provides the following fields in the order listed: RLport_group.port, RLport_group.module, RLport_group.party, RLport_group.qkey, and RLport_group.portgrp.grpnum.

Action:

Since the value of qkey may be incorrect, determine if an rIQKEYPORT tuple with the qkey value exists. If it does, check if the module attribute in the rLRT_TRKG tuple with the key grpnum (fifth argument) is the same as the current module (second argument). If either of these conditions is false, there is a database inconsistency that must be corrected by manual action.

486. RTNSFMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLNSFMAP relation, a failure code of DBNO_MATCH was returned. The rLNSFMAP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLNSFMAP. Key fields: band, carrid, facnum, nsftype, bearcap, scocsid.

Action:

This is a database inconsistency that can only be corrected by manual action. Use the trunk group number (GRPNUM) and the key fields information from the data dump to insert a tuple on RC/V View 5.34.

487. RTNS_TRIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLNS_TRIG relation has a combination of the following problems: (1) a tuple is missing, (2) a tuple exists, but has the wrong application type, or (3) a tuple exists, but has the wrong protocol type.

Data Structures:

RLNS_TRIG. Key field: trignum.

The ROP output provides the following fields: trignum - key used to read the RLNS_TRIG relation obtained from the RLASP_LTM relation, ltm_type - ltm type of the terminating port obtained from RLrt_dntran.ltm_type, ltm_idx - ltm index of the terminating port obtained from RLrt_dntran.ltm_idx, member - the terminating port obtained from RLrt_dntran.portname.member, module - the terminating SM obtained from RLrt_dntran.portname.module, and party - the terminating party obtained from RLrt_dntran.term_name.

Action:

This is a database inconsistency that must be corrected by manual action. An rLNS_TRIG tuple may need to be updated or inserted.

1. If the rLNS_TRIG tuple is missing, insert the tuple via RC/V View 9.35 (NETWORK SERVICES TRIGGER DEFINITION) using the trigger number obtained from the first data item dumped on the ROP. Set the APPLICATION field to ASP and the AIN REL field to R0D1.

2. If the application type is wrong, update the rLNS_TRIG tuple via RC/V View 9.35 using the trigger number obtained from the first data item dumped on the ROP. Set the APPLICATION field to ASP.

3. If the protocol is wrong, update the rINS_TRIG tuple via RC/V View 9.35 using the trigger number obtained from the first data item dumped on the ROP. Set the AIN REL field to R0D1.

488. RTNTSESPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTntserv() function when attempting to camp-on to a port in order to implement a customer originated recent change (CORC) for night service keys. One of the following occurred:

- 1) a process control block link area (PCBLA) could not be obtained for the newly created terminal process,
- 2) the port linkage area (PORTLA) and PCBLA of the new terminal process could not be linked, or
- 3) a message could not be sent to the new terminal process.

Study the stack frame dump to determine the exact cause of failure. The data dump contains the return value from the failing primitive in the first field. The newly created terminal process is purged.

489. RTNTSRV1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTntserv() function when attempting to perform a customer originated recent change (CORC) due to the activation of a night service key. The port linkage area (PORTLA) for the given port could not be recovered by the DAggetpla() primitive. The attempt to perform the CORC will fail. The port the CORC was to be camped on to is dumped. The complete input message, MGRTKYTOD, is printed on the stack.

490. RTNTSRV2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTntserv() function when attempting to create a camp-on terminal process to customer originated recent change (CORC) night service keys. The attempt to create a terminal process using the OSCREATE() macro failed because an invalid program value was passed to the macro. (NOTE: A resource failure return from the operating system (OS) will not cause this assert).

The first data dump is the contents of the create_data structure passed to the OSCREATE() macro. The second is a dump of the port's port linkage area (PORTLA).

491. RTNUCON1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnuconn.c. Either an unknown reason was passed to the nail-up trigger function RTnu1trig() or an unknown reason was passed to the RTnucreat() function for the creation of the nail-up terminal process. The first data dump contains the unknown reason. Study the stack frame dump to gain further insight into this assert.

492. RTNUCON2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnuconn.c. During the creation of a new nail-up connection, an error return of OSEPROG was received from the OSCREATE() macro in the RTnucreat() function.

The first data dump contains the rNAILUP tuple passed to RTnucreat(). The second data dump contains the port linkage area (PORTLA) of the second port of the nail-up connection. Study the stack frame dump to gain further insight into this assert.

493. RTNUMON1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnumontp.c. During nail-up monitoring in the RTnumproc() function, an error return was received from the DBrdfst() primitive when attempting to read through the RLNAILUP relation. The first data dump contains that error return. Study the stack frame dump to gain further insight into this assert.

494. RTNUROU1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnuroute.c. During the creation of a nail-up connection, an error return was received from the DAgetptla() primitive in the RTnuserm() function.

The first data dump contains the global port affected. The second data dump contains the MGNU_TERM message input to this function. Study the stack frame dump to gain further insight into this assert.

495. RTNUSDF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusdfi.c. During the processing of the OP:NAILUP:SDFI request, a failure return was received from the SMintex() or SMnuconvert() function.

The first data dump contains the subscriber digital facility interface (SDFI) name. The second data dump contains the text of the nail-up (NU) outmsg, and the third dump contains the input RTNUINMSG structure. Study the stack frame dump to gain further insight into this assert.

496. RTNUSMS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. The input reason given to the RTnuspinit() function upon initialization was unknown. The data dump contains the unknown reason. Study the stack frame dump to gain further insight into this assert.

497. RTNUSMS2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. During the processing of the OP:NAILUP master control center (MCC) command, a failure to create a nail-up terminal process was returned from the OSCREATE() macro; the OSEPROG code was returned. The data dump contains the RTNUINMSG structure that was passed to the

RTnuopnu() function. Study the stack frame dump to gain further insight into this assert.

498. RTNUSMS3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. The nail-up system process received a timer message and attempted to create a new nail-up terminal process, but the OSCREATE() macro returned the OSEPROG value. The first data dump contains the nail-up status block. Study the stack frame dump to gain further insight into this assert.

499. RTNUSMS4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. During nail-up processing, the function RTnuto() received an error return from the DAgetptla() primitive when attempting to get information about one of the ports involved in the nail-up connection.

The first data dump contains the RTININMSG structure passed to the RTnuto() function. The second data dump contains a pointer to the port linkage area (PORTLA), and the third dump contains the error return code. Study the stack frame dump to gain further insight into this assert.

500. RTNUSMT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmtp.c. Either an error return was received from the TMopntrn() function in the RTnuquan() function or from the OSWGETMSG() macro in the RTnuomain() function during nail-up processing.

The first data dump contains the error return and the second data dump contains the input RTNUINMSG structure. Study the stack frame dump to gain further insight into this assert.

501. RTNUSMT2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmtp.c. Either the RTnuoproc() function found an invalid request in the RTNUINMSG structure when processing an OP:NAILUP command (the data dump contains the message), or the RTnufillmg() function received an error return from the OSWGETTYPE() macro (the data dump contains the error return). Study the stack frame dump to gain further insight into this assert.

502. RTNUSPP1 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnuconn.c. In the RTnucreat() function, when attempting to start a new nail-up connection, an appropriate rIFC_PORTTYP tuple could not be found. The newly created terminal process will be purged. Study the stack frame dump to gain further insight into this assert.

503. RTNUSPP2 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnucreat.c. During the setup of new nail-up connection, a failure return was received from the DAgetpcbl() or DAcppopc() function when attempting to access the new terminal process's data.

The first data dump contains the process ID of the new terminal process. The second data dump contains the rINAILUP tuple passed to the RTnucreat() function. The new terminal process will be purged. Study the stack frame dump to gain further insight into this assert.

504. RTNUSPP3 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. During processing for nail-up connections, an error return was received from the OSCTIMER() macro in the RTnutimemon() function or from the OSSENDMSG() macro in the RTnuopnu() function. The nail-up monitor process will be purged. The first data dump contains the error return. Study the stack frame dump to gain further insight into this assert.

505. RTNUSPP4 (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTnswss/RTnusmsp.c. The RTnumtimer() function determined that the monitor terminal process existed longer than the maximum number of intervals. The terminal process will be purged. The first data dump contains the contents of the status block for nail-up connections. Study the stack frame dump to gain further insight into this assert.

506. RTNWDSC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGcontl/RTnw_disc.c. After removing the network path, an unexpected rtg_seq value was found in the routing data block. The first data dump contains the unexpected rtg_seq value. Study the stack frame dump to gain further insight into this assert.

507. RTODPSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLODPSOP relation, a failure code of DBNO_MATCH was returned. The rLODPSOP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLODPSOP. Key fields: port, party.

Action:

This is a database inconsistency that can only be corrected by manual action.

508. RTOFFCDE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLOFFICECODE relation, a failure code of DBNO_MATCH was returned. The rLOFFICECODE tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLOFFICECODE. Key field: noc.

Action:

This is a database inconsistency that can only be corrected by manual action.

509. RTOFFICE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During packet switching address validation or conversion, an rLOFFICECODE tuple was not found for the given normalized office code (NOC) printed on the ROP.

Data Structures:

RLOFFICECODE. Key field: NOC.

Action:

Use RC/V View 23.1 (DSL USERS) or View 23.2 (DIGITAL SUBSCRIBER LINE) to correct the NOC for the given protocol handler (PH) and PH channel number printed on the ROP. If the NOC is already correct, use ODBE to add an rLOFFICECODE tuple corresponding to the correct NOC.

510. RTOFHQ1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTofh_enq.c. During the enqueueing of a call for modular queueing II, the queue was overflowing. The first data dump contains the rIQO_OGT tuple (the queue owner tuple). Study the stack frame dump to gain further insight into this assert.

511. RTOFHKE1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RToffhook.c. When processing an offhook, an invalid class of service was found in the tuple just retrieved from the RLFC_PORTTYP relation. The first data dump contains the entire rIFC_PORTTYP tuple. Study the stack frame dump to gain further insight into this assert.

512. RTOFHKE3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RToffhook.c. When processing an offhook, a failure return of OSEPROG was returned from the OSCREATE() macro on the request to create a terminal process. The first data dump contains the "create data" structure passed to OSCREATE(). Study the stack frame dump to gain further insight into this assert.

513. RTOFHPFAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIPF_SLCP tuple. No audits were scheduled. The assert originates from the RToffhook() function.

514. RTOFHPTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIFC_PORTTYP tuple. No audits were scheduled. The assert originates from the RToffhook() function.

515. RTOLHB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FCLINE	Audit Mode: elev

Problem:

Could not read a tuple in the RLAN_OLHB or RLIS_ILHB relation with a dynamic access (DA) macro. The tuple was just inserted by the DBfintup() primitive. The FCLINE audit will be run to correct the problems.

516. RTONHKE1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTonhook.c. During the processing of an onhook request, an invalid class of service was found in the rIFC_PORTTYP tuple that was retrieved. The first data dump contains the rIFC_PORTTYPE tuple. Study the stack frame dump to gain further insight into this assert.

517. RTONHPFAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIPF_SLCP tuple. No audits were scheduled. The assert originates from the RTonhook() function.

518. RTONHPTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIFC_PORTTYP tuple. No audits were scheduled. The assert originates from the RTonhook() function.

519. RTONISTA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTonistat() function. An invalid parameter was passed to this function. The data dump contains the invalid parameter (the charge type, chgtype). Study the stack frame dump for further information.

520. RTOUTSAERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RToutsa.c. During the transition out of an SM or remote SM (RSM) in standalone (when that module has the standalone call processing option purchased), an error return was received from the DBstfst() or DBstnxt() primitive while reading the RLLAT_LPT relation, or an invalid value was found in the global variable RTgrpundo_stat.

The first data dump contains the value in the RTgrpundo_stat variable and the second data dump contains the contents of the global variable RToint_mode. Study the stack frame dump to gain further insight into this assert.

521. RTPCINT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTccs/RTpcinit.c. During AM initialization, tuples are inserted into the dynamic relation RLPCI_STAT (point code index) based on the contents of tuples in the RLRT_TRKG relation. An error return was received from the DBfintup() primitive when inserting one of the dynamic tuples.

The first data dump contains the error return. The second data dump contains the contents of the tuple that could not be inserted. Study the stack frame dump to gain further insight into this assert.

522. RTPDBDCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTshared/RTprefdel.c. During the deletion or addition of digits for trunk outpulsing, the number of digits indicated in the digit analysis data block is not correct. The first data dump contains the contents of the dial_dig structure of the digit analysis data block. Study the stack frame dump to gain further insight into this assert.

523. RTPDNTR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGscreen/RTpdn_tran.c. During pre-directory number (DN) translation for a line routing attempt, an unexpected rtg_seq value was switched on. The first data dump contains the invalid value. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

524. RTPEPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIFC_PORTTYP tuple. No audits were scheduled. The assert originates from the RTpreempt() function.

525. RTP_EPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received when attempting to read an rIFC_PORTTYP tuple. No audits were scheduled. The

assert originates from the RTpre_empty() function.

526. RTPF_DBRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the relation RLFC_PORTTYP failed. No audits were run. This assert originates from the RTpf_slvld() function.

527. RTPFSLCP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPF_SLCP relation, a failure code of DBNO_MATCH was returned. The rIPF_SLCP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPF_SLCP. Key fields: slv_port.module, slv_port.member.

Action:

This is a database inconsistency that can only be corrected by manual action.

528. RTPG_TERM_LP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to terminate to a port group (trunk group) member failed because the SM on which the port resides does not have the proper loadable software package installed. The port and SM are dumped. The port group that contains this port as defined by the current office dependent data (ODD) is also dumped.

This port group requires the presence of the proper loadable software package (as dictated by the feature associated with this port group) in each SM to which this port group terminates. This software controls the port once routing has completed.

The hardware on which this port resides may have been installed on the wrong SM.

Data Structures:

RLPORT_GROUP, RLGROUP_PORT, RLQKEYPORT. (routing only, keys vary).

Action:

If the SM indicated does not have the proper loadable software package installed, RC/V View 5.5 (TRUNK MEMBER) should be used to remove this port from the indicated port group (trunk group). In addition, if other ports were similarly populated in this port group, they should be removed. Further information can be found in the 5ESS® Switch Translations and Dynamic Data Manual (235-600-21x).

If the hardware associated with this port should not have been installed on this SM, it should be degrown and removed from this SM, and installed and grown into the proper SM using procedures specific to this type of hardware. If the SM indicated has the proper loadable software package installed, a system error is indicated. If this problem continues to occur and begins to degrade the performance of the switch, a full initialization of the indicated SM should be done from the SM INH & RCVRY CNTL page on the master control center (MCC).

529. RTPHOOS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler (PH) that the message is to be sent to is out of service (OOS). When attempting to send the MGRCPVCINF interprocessor message to PH interject, a failure return was received from the PSsending() function.

Data Structures:

RLPSPVCINF. Key field: psmsghd.to_ph.

Action:

Check the PH indicated to see why it is OOS. It could be a hardware fault, forgot to restore after growing in, etc. Put the PH in service.

530. RTPOLY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_POLY relation, a failure code of DBNO_MATCH was returned. The rIRT_POLY tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_POLY. Key field: pattern.

Action:

This is a database inconsistency that can only be corrected by manual action.

531. RTPPBSY1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTppbusy.c. During terminating feature selection for a line with the precedence and preemption (PP) feature assigned to it, a data inconsistency was discovered. The first data dump contains the relevant PP line or terminal equipment data block (TEDB) structure. Study the stack frame dump to gain further insight into this assert.

532. RTPPBTF1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTppbtf.c. During terminating feature selection for a trunk with the precedence and preemption (PP) feature assigned to it, the requester was attempting to preempt an invalid type of trunk. The first data dump contains the relevant rIPP_TRUNK tuple. Study the stack frame dump to gain further insight into this assert.

533. RLPP_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPP_CF relation, a failure code of DBNO_MATCH was returned. The rIPP_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_CF. Key field: feat_id.

Action:

This is a database inconsistency that can only be corrected by manual action.

534. RTPPFAC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value is returned from trunk hunting function RTpptkhnt(). This unexpected return value indicates the trunk is controlled by fast port inhibition termination feature. Either the PP trunk is assigned to the incorrect trunk unit, or some database is set up incorrectly.

Data Structures:

Trunk group number (first data item dumped).

Trunk member number (second data item dumped).

Action:

Use RC/V 5.5 (keyed by grpnum and member) to check the value of "OE" field. The equipment number type should not have a value of "N". Also check the "tsi_link" attribute of RLGROUP_PORT and RLPORT_GROUP relations. The tsi_link attribute should have a value of 0 for PP type of trunks.

535. RTPPHNT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTpphuntsa.c. During the hunt for an appropriate sub-address in the RLPPSAST relation, the RTpphuntsa() function could not access the correct rPPSAST tuple. The first data dump contains the input LTM index parameter used as the key for access. Study the stack frame dump to gain further insight into this assert.

536. RTPPLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPP_LTM relation, a failure code of DBNO_MATCH was returned. The rIPP_LTM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_LTM. Key fields: lead_module, ltm_idx, ltm_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

537. RTPPSCR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTpp_scrn.c. During screening for the precedence and preemption (PP) feature, an invalid routing type was found in the PP screening call flow data block. The first data dump contains the contents of the PP call flow data block. Study the stack frame dump to gain further insight into this assert.

538. RTPPSET1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTppset.c. During the attempt to set the priority level for a hunted port, an out of range multiline hunt group (MLHG) or trunk member value was encountered. The first data dump contains the terminating member value. The second data dump contains the MLHG or trunk group global data block. Study the stack frame dump to gain further insight into this assert.

539. RTPPSET2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTppset.c. During the attempt to set the priority level for a hunted port, an invalid multiline hunt group (MLHG) or trunk hunt type value or an invalid group type value was encountered. The first data dump contains the MLHG or trunk global data block or the terminating group global data block. Study the stack frame dump to gain further insight into this assert.

540. RTPPTRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPP_TRUNK relation, a failure code of DBNO_MATCH was returned. The rIPP_TRUNK tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPP_TRUNK. Key fields: port.member, port.module.

Action:

This is a database inconsistency that can only be corrected by manual action.

541. RTPREC_LEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected automatic voice network (AUTOVON) precedence level was encountered.

542. RTPREWL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTpre_wl() function. This function is generating a work list of items from the static relation RLTD_SCHED and placing them in a dynamic work list. The dynamic work list is full. The first data dump contains the work list size, and the second contains the rITD_SCHED tuple that failed to be entered into the work list.

543. RTPRIFACS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPRIFACS relation, a failure code of DBNO_MATCH was returned. The rIPRIFACS tuple is missing or the keys used to access this relation were not set properly.

Data Structures:

RLPRIFACS. Key fields: PRIGRP (PRI group #), INTERF_ID [interface ID (facility)].

Action:

This is a database inconsistency that can only be corrected by manual action. Insert the missing primary rate interface (PRI) facility using RC/V View 5.2 (PRI GROUP ASSIGNMENT).

544. RTPRIGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPRIGRP relation, a failure code of DBNO_MATCH was returned. The rIPRIGRP tuple is missing or the key used to access this relation was not set properly.

Data Structures:

RLPRIGRP. Key field: PRIGRP (PRI group number).

Action:

This is a database inconsistency that can only be corrected by manual action. Insert the missing primary rate interface (PRI) group using RC/V View 5.2 (PRI GROUP ASSIGNMENT).

545. RTPRM_TYPE_UNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port preemption type was requested.

546. RTPSAPISLINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The psap flag for this isdn line is set to Y. Since the integrated services digital network (ISDN) public safety answering point (PSAP) special feature has not been purchased, this flag must be set to N.

Data Structures:

RLIS_LINE key fields: lead module ltm_idx.

Action:

This database inconsistency needs to be corrected by manual action. Use RC/V View 23.2 (DIGITAL SUBSCRIBER LINE) or 23.8 (DSL/BRCS ASSIGNMENT) to correct the E911 PSAP field.

547. RTPSAPRTMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The psap flag for this multiline hunt group is set to Y. Since the integrated services digital network (ISDN) public safety answering point (PSAP) special feature has not been purchased, this flag must be set to N.

Data Structures:

RLRT_MHG key fields: grpnum.

Action:

This database inconsistency needs to be corrected by manual action. Use RC/V) View 3.5 (MULTILINE HUNT GROUP [LINE ASSIGNMENT]) to correct the E911 PSAP field.

548. RTPSBILLDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No separate billing directory number (DN) could be found for the packet switched line, although the per-line data for this line indicated that it had a packet switch billing number different than its own directory number.

Data Structures:

RLPSX25LN, RLPSBILLDN.

The line is identified by the protocol handler (PH) and PH channel number printed on the ROP. Per-line packet switching (PS) feature data for this line is in the RLPSX25LN relation, the billdn_flg attribute (value of DBYES) indicates that a separate billing number should be stored in the RLPSBILLDN relation.

Action:

Use RC/V (or ODBE, if necessary) to examine the RLPSX25LN and RLPSBILLDN relations for this line. Determine if an inconsistency exists between the two relations regarding the assignment of a separate packet switch billing DN. If no separate billing number should exist, set the billdn_flg attribute in the RLPSX25LN relation to DBNO. Otherwise, enter the billing DN for this line in the RLPSBILLDN relation.

549. RTPSINSA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTpsinsa.c. While creating dynamic relations required for packet switching routing in stand-alone, a failure return was received while trying to get the next tuple in the RLPSVRT_GP relation. The first data dump contains the rLPSVRT_GP data structure. Study the stack frame dump to gain further insight into this assert.

550. RTPSMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to verify the calling address of a packet switching (PS) multiline hunt group (MLHG) line, no rLPSMHGDNR tuple was found. The group number, protocol handler (PH) number, and the PH channel number for the line are printed on the ROP.

Data Structures:

RLPSMHGDNR. Key field: group number.

Action:

Use RC/V View 23.1 (DSL USERS) or View 23.2 (DIGITAL SUBSCRIBER LINE) to correct the group number for the packet switching MLHG.

551. RTPSPRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to verify the calling address of a multiline hunt group (MLHG) line, no rLPSVRT_GP tuple was

found.

Data Structures:

RLPSPRT_GP. Key fields: SM#, PH#, PH channel#, party.

Action:

Use RC/V View 23.1 (DSL USERS) or View 23.2 (DIGITAL SUBSCRIBER LINE) to correct the digital subscriber line (DSL) group and member number. If these fields are already correct, use ODBE to add an rLPSPRT_GP tuple corresponding to the SM number, protocol handler (PH) number, and PH channel number printed on the ROP.

552. RTPSRIPSN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to route an outgoing packet switched data call, the route index being used was invalid.

Data Structures:

RLPSRI_PSN, RLPSDNICRI, RLDAPRELDGT, RLDAPRIMDGT, RLRT_SCRNING.

The route index in question is printed (hex) on the ROP. All route indices valid for use by packet switched data calls must have entries in the RLPSRI_PSN relation. The route index was obtained from one of three places: (1) the RLPSDNICRI relation, (2) the digit translators used for packet switching in the RLDAPRELDGT and RLDAPRIMDGT relations, or (3) the screening relation RLRT_SCRNING. No rLPSPRT_GP tuple was found for this route index.

Action:

Use RC/V (or ODBE, if necessary) to examine the contents of the RLPSRI_PSN relation. If the route index is a valid packet switching route index and no rLPSPRT_GP tuple is found for it, then insert the tuple. If the route index is not valid for packet switching, use RC/V (or ODBE, if necessary) to examine the RLPSDNICRI, RLDAPRELDGT, RLDAPRIMDGT, and RLRT_SCRNING relations to find and correct the source of the invalid route index.

553. RTPSTDN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGscreen/RTpostdn.c. During post-directory number (DN) translation processing, the routing data block contained an invalid orig_type (that is, neither line nor trunk). The first data dump contains the routing data block information. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

554. RTPSTDN2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGscreen/RTpostdn.c. During the post-directory number (DN) translation stage of a routing request, an unexpected value was found for the terminating class in the call flow data block. The first data dump contains the DN translation data area of the call flow data block. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

555. RTPSTDN3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGscreen/RTpostdn.c. During the post-directory number (DN) translation stage of a routing request, the RTacdpgn() function was called to complete DN translation on a call to an automatic call distribution (ACD)/business and residential custom services (BRCS), ACD, or direct agent access (DAA) DN. The call to the RTacdpgn() function failed with a return code of OSNOTLOADED indicating that the ACDBASE loadable package is not loaded in this SM.

The first data dump contains the DN translation data area of the call flow data block. Output from the RTDUMPDATA() macro call may follow. Study the stack frame dump to gain further insight into this problem.

556. RTPSU_TRKG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

From the packet pipe trunk group (PP_TRKG) and member (PP_MEM) the PSU community address was derived from the SM that the packet pipe member resides on. From that PSU community address or a connecting PSU community address, a PSU community address has been selected by RTA CDMA service handler pre-trunk hunting to get a list of potential service handler trunk groups in order to find an idle trunk. This trunk must be connected to the packet pipe which is connected to the selected PSU community address. The PSU community address does not have any service handler trunk groups assigned so the CDMA Call cannot be completed.

Data Structures:

RLPSU_TRKG. Key Fields: PSU, Service Type. Non-key Field: Packet Pipe PSU.

Action:

Must add at least one service handler trunk group for this PSU community address [use RC/V 5.1 (TRUNK GROUP) and 5.5 (TRUNK MEMBER)]. If the key field PSU is different than the packet pipe PSU, it means that RTA has looked for the requested service type in 4 rIPSU_TRKG tuples (that is, PSUs), the PSU the packet pipe terminates on and up to 3 connected PSUs, and has not found any service handlers of the requested type. This means that the service handlers of the requested type have not been distributed across the PSUs in the office.

557. RTPSU_TRKG (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

From the packet pipe trunk group (PP_TRKG) and member (PP_MEM) the packet switch unit (PSU) community address was derived from the SM that the packet pipe member resides on. From that PSU community address or a connecting PSU community address, a PSU community address has been selected by the routing and terminal allocation (RTA) code division multiple access (CDMA) speech handler channel pre-trunk hunting to get a list of potential speech handler channel trunk groups in order to find an idle trunk that can be connected to the packet pipe connected to the selected PSU community address. The PSU community address does not have any speech handler channel trunk groups assigned so the CDMA call cannot be completed.

Data Structures:

RLPSU_TRKG Key Field: psu.

Action:

Must add at least one speech handler channel trunk group for this PSU community address [Use RC/V Views 5.1 (TRUNK GROUP) and 5.5 (TRUNK MEMBER)].

558. RTPSX25LN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPSX25LN relation, a failure code of DBNO_MATCH was returned. The RLPSX25LN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPSX25LN. Key fields: ph_number, ph_cn, party.

Action:

This is a database inconsistency that can only be corrected by manual action.

559. RTPTABHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportav.c. In the RTportavail() function, during an attempt to idle a trunk or multiline hunt group (MLHG) member, an invalid hunt type was found in the MHG_GDB or TRKG_GDB data block. The first data dump contains the MHG_GDB or TRKG_GDB buffer in the routing and terminal allocation (RTA) global data areas. Study the stack frame dump to gain further insight into this assert.

560. RTPTABPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportav.c. In the RTportavail() function, during an attempt to idle a trunk or multiline hunt group (MLHG) member, an invalid group type was found in the terminating group data block in the MGRT_GEN message. The first data dump contains the terminating data block structure. Study the stack frame dump to gain further insight into this assert.

561. RTPTAVOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportav.c. In the RTportavail() function, during an attempt to idle a trunk or multiline hunt group (MLHG) member, the member number found in the MGRT_GEN message was out of range.

Data Structures:

The first data dump contains the MHG_GDB or TRKG_GDB buffers in the routing and terminal allocation (RTA) global data areas. The second data dump contains the terminating data block structure of the MGRT_GEN message.

Action:

Study the stack frame dump to gain further insight into this assert. Because of the distributed nature of hunting data, this assert may be seen occasionally as a result of recent change activity affecting a hunt group, or as a result of recent change roll forwards occurring as a result of an SM initialization; these occurrences should be ignored. If the assert continues to occur or occurs in large numbers, the appropriate organization should be contacted.

562. RTPTBBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportbusy.c. In the RTportbusy() function, during an attempt to busy out a trunk or multiline hunt group (MLHG) member, an invalid hunt type was found in the MHG_GDB or TRKG_GDB data

block. The first data dump contains the MHG_GDB or TRKG_GDB buffer in the routing and terminal allocation (RTA) global data areas. Study the stack frame dump to gain further insight into this assert.

563. RTPTBBPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportbusy.c. In the RTportbusy() function, during an attempt to busy out a trunk or multiline hunt group (MLHG) member, an invalid group type was found in the terminating group data block in the MGRT_GEN message. The first data dump contains the terminating data block structure. Study the stack frame dump to gain further insight into this assert.

564. RTPTBOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportbusy.c. In the RTportbusy() function, during an attempt to busy out a trunk or multiline hunt group (MLHG) member, the member number found in the MGRT_GEN message was out of range.

The first data dump contains the MHG_GDB or TRKG_GDB buffer in the routing and terminal allocation (RTA) global data areas. The second data dump contains the terminating data block structure of the MGRT_GEN message. Study the stack frame dump to gain further insight into this assert.

565. RTPTBRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTportbusy.c. In the RTportbusy() function, during an attempt to busy out a precedence and preemption (PP) trunk member, an error return was received from the RTp_hmbr() function.

The first data dump contains the TRKG_GDB buffer in the routing and terminal allocation (RTA) global data areas. The second data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

566. RTPTTGPG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLPORT_GROUP relation, a failure code of DBNO_MATCH was returned. The RLPORT_GROUP tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLPORT_GROUP. Key fields: port.member, port.module, party.

Action:

This is a database inconsistency that can only be corrected by manual action.

567. RTPTTOLP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTpttolpt() function when attempting to find an associated lport from a port and class of service. The input data could not be successfully converted. The port being converted is dumped. Further information can be found in the stack frame dump.

568. RTPTYP_RDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the relation RLFC_PORTTYP failed. No audits were run. This assert originates from the RTbvterm() function.

569. RTPVCFCL_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During setup of a permanent virtual circuit (PVC), the far end facility type (fcltype attribute in the RLPSPVCINF relation) had a value of X25. This is inconsistent with the directory number (DN) of the far end of the PVC (rmt_dn attribute in the RLPSPVCING relation) that was analyzed by the digit interpreter to represent an inter-LATA destination. X25 facility type is only appropriate with intra-LATA destinations. Inter-LATA destinations require a facility type of X75.

Data Structures:

RLPSPVCINF.

Action:

The protocol handler (PH) number (ph_number), PH channel number (ph_cn), and local logical channel number (local_lcn) are printed on the ROP. Use these values as keys to read the RLPSPVCINF relation via ODBE. Verify the accuracy of the remote DN (rmt_dn). Set the facility type to X25 if the destination is intra-LATA or X75 if the destination is inter-LATA. The associated RC/V view is View 23.1 (ISDN INDIVIDUAL DSL LCEN). The associated RC/V field is DSL PROF (facility type).

570. RTPVCINF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLPSPVCINF tuple was not found during routing of a permanent virtual circuit (PVC) call after routing determined that a PVC was defined on the associated digital subscriber line (DSL) by reading the RLPSX25LN relation. There is an inconsistency between the two relations.

Data Structures:

RLPSPVCINF, RLPSX25LN, RLPSMAPPVC.

Action:

The protocol handler (PH) number (ph_number), PH channel number (ph_cn), and local logical channel number (local_lcn) are printed on the ROP. Use these values as keys to read the RLPSX25LN, RLPSPVCINF, and RLPSMAPPVC relations via ODBE.

In the rLPSPVCINF tuple, if the h_pvc_lcn attribute is 0, there should not be any PVCs assigned for this DSL. If this PVC should exist, but no tuples exist in the RLPSPVCINF and RLPSMAPPVC relations, populate one tuple for each relation. Most of the information needed to populate the rLPSPVCINF tuple can be found in a corresponding rLPSPVCINF tuple by using ODBE with the keys ph_number and ph_cn. The associated RC/V view is View 23.2 (ISDN INDIVIDUAL DSL), field: HIGH PVC LCN.

571. RTPVCRDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digit analysis was provided an invalid terminating directory number (DN) for an X.25 permanent virtual circuit (PVC) call that is stored in the RLPSPVCINF relation.

Data Structures:

RLPSPVCINF.

Action:

The protocol handler (PH) number (ph_number), PH channel number (ph_cn), and local logical channel number (local_lcn) are printed on the ROP. Use the ph_number, ph_cn, and local_lcn as keys to update RC/V View 23.11 (DSL PACKET SWITCHING PVC LCN ASSIGNMENT). Update the REMOTE TN (telephone number) field because it is currently a vacant directory number.

572. RTQDLAPB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTqdlann.c. During an attempt to secure an announcement port for delay treatment for a queued call, an error return was received from the DAgetptla() primitive.

The first data dump contains the owning process's process control block link area (PCBLA). The second data dump contains that error return from DAgetptla(). Study the stack frame dump to gain further insight into this assert.

573. RTQKEYPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to read the RLQKEYPORT relation, a failure code of DBNO_MATCH was returned. The rIQKEYPORT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLQKEYPORT. Key field: qkey.

The qkey value is the first data item dumped and the grpnum value (non-key) is the second data item dumped.

Action:

This is a database inconsistency that can only be corrected by manual action.

574. RTQKYST1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTqkeyst.c, RTtkfstht.c, RTtkq_ms.c, or RTtkqupst.c. During processing for the modular queueing II feature, a trunk group with an invalid or inappropriate hunt type was found. The first data dump contains the hunt type. Study the stack frame dump to gain further insight into this assert.

575. RTQTWLS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmfcqu/RTqtwlset.c. When attempting to update the queueing threshold warning lamp status (for line queueing), an error return was received from the ISfbstat() function.

The first data dump contains the input MGQTWL message. The second data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

576. RTQTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown command was found in the array RTpendarray[].

577. RTQTYP_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The queue type determined from the tuple passed in a parameter to the RTtkq_nxt() function was unknown.

578. RTQUOGTOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLQU_OGTOS relation, a failure code of DBNO_MATCH was returned. The rIQU_OGTOS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLQU_OGTOS. Key field: ogt_key.

Action:

This is a database inconsistency that can only be corrected by manual action.

579. RTAFTNOT_LD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An expected feature is not loaded. No audits are run. This assert originates from the RTrafterm() function.

580. RTRBKPS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTrbkpsstat.c. During the initial dequeue processing for the MGRET_PSTAT message (for modular queueing II), the status of the queued member was invalid. The first data dump contains the port and group information for that queued call. Study the stack frame dump to gain further insight into this assert.

581. RTRBKPS2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTrbkpsstat.c. During initial dequeue processing for the MGRET_PSTAT

message (for modular queueing II), the message had an invalid or unexpected pstat value. The first data dump contains the contents of the MGRET_PSTAT message. Study the stack frame dump to gain further insight into this assert.

582. RTRB_UEXP_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the TMMkptdubi() function. This assert originates from the RTrmsbusy() function. No audits were scheduled.

583. RTRCAFI1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrcaddfifomem. During an RC/V transaction to increase the size of a first-in first-out (FIFO) trunk group, an error return was received from the DBstfst() or DBstnxt() primitive when attempting to read the RLQKEYPORT relation. The data dump gives the group number of the impacted trunk group.

584. RTRCAFI2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrcaddfifomem. During an RC/V transaction to increase the size of a first-in first-out (FIFO) trunk group, an error return was received when attempting to insert or link the new dynamic rITKQUE tuple. The first data dump contains the contents of the tuple buffer, and the second dump contains the error return code.

585. RTRCDFI1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrtrcv/RTrcdltfifomem. During an RC/V transaction to delete trunk group members, the attempt to delete an rITKQUE tuple from a first-in first-out (FIFO) trunk group failed. The first data dump contains the rITKQUE tuple to be deleted, and the second dump contains the error return from the DBfdltup() primitive. The trunk group impacted can be determined from the stack frame dump.

586. RTRCDFI2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrcdltfifomem. During a recent change transaction to remove members from a first-in first-out (FIFO) trunk group, an error return of DBSYS_ERR was received from the DARhtotq() primitive when attempting to unlink the head member rITKQUE tuple from the owning rITKOWNER head tuple. The data dump contains the trunk group impacted by this error.

587. RTRCDFI3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrcdltfifomem. During an RC/V transaction to remove members from a first-in

first-out (FIFO) trunk group, an error return was received from the DAGstotq() primitive when attempting to read the successor rITKQUE tuple from the FIFO busy list. The first data dump contains the trunk group impacted by this error; the second contains the qkey of the current rITKQUE tuple (that is, not the successor).

588. RTRCDLT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrcdltgrp. During an RC/V transaction deleting a trunk group, the appropriate trunk group tuple was not removed. See the stack frame to determine the exact location of the failure. The first data dump gives the trunk group affected, and the second dump gives the invalid return from the DBfdltup() function which caused this assert to fire.

589. RTRCDLT2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrcdltgrp. An invalid return was received from a call to the OSfap() function to handle a trunk group with a hunt type not found in the base configuration. The first data dump contains the trunk group affected, the second contains the hunt type of that trunk group, and the third contains the invalid return value.

590. RTRCITK1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrctrkins. During an RC/V transaction to insert a new trunk group and its members, an error return was received from the DBfintup() primitive when attempting to insert a new tuple in the RLTKOWNER, RLTKSTAT, or RLLGTKSTAT dynamic relation.

The first data dump contains the contents of the tuple to be inserted, and the second data dump contains the error return from the DBfintup() primitive.

591. RTRCITK2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrctkgrp.c. During an RC/V transaction to insert a new trunk group and its members, an error return of DBSYS_ERR was received from the DAGstotq() primitive when attempting to retrieve the successor rITKQUE tuple from the current rITKQUE tuple when attempting to idle out existing busy trunk members. The first data dump contains the trunk group impacted, and the second dump contains the qkey of the current rITKQUE tuple.

592. RTRCITK3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTrctrkins. During an RC/V transaction to insert a new trunk group and its members, an error return of DBSYS_ERR was received from the DAGhtotq() primitive when attempting to read the head rITKQUE tuple from the busy list. The data dump contains the trunk group impacted by this error.

593. RTRCITK4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTcrtrkins. During an RC/V transaction to insert a new trunk group and its members, an unsuccessful return was received from the call to the OSfap() function when attempting to process a trunk group with a non-base hunt type.

The first data dump contains the trunk group impacted, the second contains the hunt type of the trunk group, and the third dump contains the value of the unsuccessful return.

594. RTRCLTSB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTRc_ltsbpt() function when attempting to delete a tuple from the RLLTSBSTAT relation. The first data dump is the contents of the rLLTSBSTAT tuple to be deleted and the second data dump is the return code from the DBfdltup() primitive. The stack frame supplies the exact location of the failure and other useful information.

595. RTRCPPS2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTrcppsast.c. While inserting or deleting an rPPSAST tuple triggered by a similar change to certain tuples in the RLIS_LINE relation, an invalid transaction type was passed or an error return was received from the DBfintup() or DBfdltup() primitive. The first data dump contains the invalid transaction type or the tuple in question on the database (DB) primitive failure. Study the stack frame dump to gain further insight into this assert.

596. RTRCRLG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTcrct_lgt. During an RC/V transaction to grow a linear trunk group into a large linear trunk group, the trunks group's dynamic data block (the RLTKSTAT relation) could not be retrieved by the DAgctkst() primitive. The data dump contains the trunk group impacted by this error.

597. RTRCRLG2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTcrct_lgt. During an RC/V transaction to increase the size of a linear trunk group to a large linear trunk group, an error return was received from the DBfintup() primitive when attempting to insert the updated rLGTKSTAT dynamic tuple. The first data dump contains the contents of the tuple that could not be inserted, and the second dump contains the error return code from the DBfintup() primitive.

598. RTRCRLG3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTcrct_lgt. During an RC/V transaction to increase the size of a linear trunk group

to a large linear trunk group, an error return was received from the DBfdltup() primitive when attempting to delete the old rITKSTAT dynamic data tuple after the new rLGTKSTAT dynamic data tuple had successfully been inserted. The first data dump contains the contents of the rITKSTAT tuple that could not be deleted, and the second dump contains the error return code.

599. RTRCTGR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTctgrow. During an RC/V transaction to grow or shrink the size of an existing FIFO, LINEAR, or LGLINEAR trunk group, the attempt to read the appropriate dynamic data block (the RLTKOWNER, RLTKSTAT, or RLLGTKSTAT relation) was unsuccessful. The first data dump contains the trunk group impacted, and the second contains the trunk group of the dynamic data block.

600. RTRCTGR2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTctgrow. During an RC/V transaction to increase or shrink the size of a LINEAR or LGLINEAR trunk group, the new size of the trunk group exceeded the maximum size for a large linear trunk group. The first data dump contains the out-of-range size, and the second dump contains the associated RLLGTKSTAT relation information for the trunk group.

601. RTRCTGR3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTctgrow. During an RC/V transaction to grow or shrink the size of an existing trunk group, an error return was received from the OSfap() function when attempting to grow or shrink a non-base hunt type trunk group. The first data dump contains the trunk group impacted, the second contains the non-base hunt type, and the third contains the error return code.

602. RTRCTK1GR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTctkgrp. An incorrect relation ID was passed to this function (that is, not RLRT_TRKG) during RC/V processing. The data dump will contain the erroneous relation ID.

603. RTRCTK2GR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTctkgrp. An invalid return was received from a call to the OSfap() function for a common channel signaling (CCS) related insert or update of dynamic data. See the stack frame to determine which call to the OSfap() function generated this exception. The first data dump contains the contents of the appropriate update or insert tuple, and the second dump contains the value of the invalid return from OSfap().

604. RTRCTK3GR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTrcv/RTctkgrp. An invalid return code was received from a call to the OSfap() function for handling a common channel signaling (CCS) related dynamic data update. The first data dump gives the contents of the tuple to be updated, the second dump contains the new tuple, and the third dump contains the value of the invalid return code from the OSfap() function.

605. RTRDLGLNSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rLGLNSTAT tuple.

606. RTRDLNSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read an rILNSTAT tuple.

607. RTREASON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was encountered for a switch statement in the RTtrfcline(), RTtrrmfeats(), and RTtracsopt() functions.

608. RTREHNT2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGhunts/RTrehunt.c. The trunk or multiline hunt group (MLHG) member first selected could not be routed to, and the RTrehunt() function was called to prepare to hunt for a different member in the same group. However, the hunt type of this group is not recognized or is corrupted.

The first data dump contains the error return received from the OSfap() function when determining if this hunt type is recognized by any currently loaded package. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

609. RTREHNT3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGhunts/RTrehunt.c. The trunk or multiline hunt group (MLHG) member first selected could not be routed to, and the RTrehunt() function was called to prepare to hunt for a different member in the same group. However, the group type of this group is not recognized or is corrupted. The first data dump contains the terminating port group information. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

610. RTREPLY1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTreplyhnd.c. In the busy lamp field (BLF) status report message handler function RTreplyhndlr(), an invalid destination field was found in the incoming MGBLFREPLY message. The first data dump contains the message. Study the stack frame dump to gain further insight into this assert.

611. RTRERRBC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTshared/RTrtgerr.c. During routing within the routing and terminal allocation (RTA) finite state machine in an SM or CMP, the RTrtgerr() function was called to either process a known error or to divert the routing to a different processor. During this processing, an inconsistency was discovered involving the cause effect data tables which control execution.

The first data dump contains a pointer to the appropriate entry in the cause effect table. The second data dump contains a pointer to the routing data block. Study the stack frame dump to gain further insight into this assert.

612. RTRERTBM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTtrerte.c. During the attempt to reroute a call for the call forwarding or series completion feature, an invalid input parameter specifying the message or call type was encountered.

The first data dump contains the invalid type value. The second data dump contains the text of the message to be routed. Study the stack frame dump to gain further insight into this assert.

613. RTRIBAD_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the TMpttype() function. A port type was expected. The OSSUCCESS code is returned after the assert. This assert originates from the RTrmsidle() function. No audits were scheduled.

614. RTRIINV_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from an attempt to de-queue a 104 or 105 test port. The assert is followed by an OSSUCCESS code. This assert originates from the RTrmsidle() function. No audits are scheduled.

615. RTRINORMS_D3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A port type was not of the remote measurement system-digital 3 (RMS-D3) type set. The code OSSUCCESS is returned. This assert originates in the RTrmsidle() function. No audits are scheduled.

616. RTRIRET_BAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the TMmkptdubi() function. The assert is followed by an OSSUCCESS code. This assert originates from the RTrmside() function. No audit was scheduled.

617. RTRKMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to process a keep alive request for trunk groups, an inappropriate module location for the trunk groups' dynamic data was encountered. The value for the module attribute in the rIRT_TRKG tuple just read was neither 0 (to indicate a global group) or the current SM (for local groups).

Data Structures:

RLRT_TRKG, RLPORT_GROUP.

The ROP output provides the following fields in the order listed: RLrt_trkg.grpnnum, RLrt_trkg.module, port, and party.

Action:

Since the RLPORT_GROUP relation was read first to get the trunk group value, verify that there is an rIORT_GROUP tuple with the port (current module) and party values as dumped. The RLport_group.portgrp.grpnnum value should match the first argument dumped. If they match, the second argument must be either 0 or the current module. If not, this is a database inconsistency that can be corrected by manual action.

618. RTRLFC_PORTTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read of the RLFC_PORTTYP relation failed.

619. RTRMBLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid bsytrt attribute was found in an rIRMBLIST tuple.

Data Structures:

RLRMBLIST.

Action:

Use RC/V (or ODBE, if necessary) to fix the static rIRMBLIST data tuple.

620. RTRMBLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRMBLIST relation, a failure code of DBNO_MATCH was returned. The rIRMBLIST tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRMBLIST. Key field: scanindex.

Action:

This is a database inconsistency that can only be corrected by manual action.

621. RTRMSFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during a routing attempt in the AM for remote measurement system 3 (RMSD3) type calls. When attempting to send the route failure message back to the originator, a failure return was received from the operating system for distributed switching (OSDS) message sending primitive.

The data dumped on the ROP is the message head and message text of the MGRT_FAIL message. Certain relevant data was saved in the first six bytes of the message text body. The first four bytes are the destination process ID that the message was to be sent to; the next two bytes are the error return code from the OSSENDMSG() macro.

622. RTRNCBAD_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTim_abnor() function returned an invalid return value other than RT_ALLOW, RT_BLKBUSY, or RT_IDLE. This assert originates from the RTrmsnwn() function which is used to connect a remote measurement system-digital 3 (RMS-D3) test access trunk (TAT) to the trunk under test (TUT). No audit was scheduled.

623. RTROUTBP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTroute.c. During a request to perform routing for a terminal maintenance (TM) route request message, an invalid module value of 0 was found in the global port value of the message when the rt_req field was set to route by port.

The first data dump contains the global port value. The second data dump contains the entire MGTM_REQ message. Study the stack frame dump to gain further insight into this assert.

624. RTRQBCR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTrtreq.c or in rta/RTamps/RTaproute.c. While setting up a routing request to routing and terminal allocation (RTA), a data inconsistency was found in the MGRT_REQ/MGAP_REQ message between the rte_try and asreport fields in the rtg_data structure (in regard to call record reports). The first data dump contains that rte_try value. Study the stack frame dump to gain further insight into this assert.

625. RTRRCOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The class of service was not a line or trunk. Corrupted data in a message is suspected. No audits were run. The assert originates from the RTrtreq() function or the RTaproute() function.

626. RTRSMCAM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the rta/RTcama/RTsrsmcama.c file, in the function RTcamainit(). An attempt to retry an office number identification (ONI) call was detected. The data dump contains the terminating data block.

627. RTRTDNMHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLRTDN_MHG relation resulted in a DBNO_MATCH. The rLRTDN_MHG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTDN_MHG. Key fields: noc, digits.

Action:

This is a database inconsistency that can only be corrected by manual action.

628. RTRTDNMOD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLRTDNMOD tuple was missing in this module when a database read was attempted.

Data Structures:

RLRTDNMOD. Key fields: dngroup, rtg_mod, ri.

The dngroup key is the directory number group. dngroup is made up of the normalized office code (NOC), d4d3[0] d4, and d4d3[1] d3. The rtg_mod key is the routing module and the ri key is the routing index.

Action:

The dump will contain the contents of the RLRTDNMOD relation local buffer. An attendant console's 100s group select button or a combination of buttons (one NOC select button and one DSS button) selecting the given 100s group was defined, but the dngroup is not defined in this switch. The button assignment should be changed to disable the selection of this 100s group for busy lamp field (BLF) display.

629. RTRTDNMPG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRTDNPG relation, a failure code of DBNO_MATCH was returned. The rLRTDNPG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTDNPG. Key fields: noc, digits 1-4.

The noc key is the first item dumped and the digits are the second through fifth items dumped.

Action:

This is a database inconsistency that can only be corrected by manual action.

630. RTRT_DNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the RLRT_DNTRAN relation resulted in a DBNO_MATCH. The rIRT_DNTRAN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_DNTRAN. Key fields: noc, digits.

Action:

Verify that the keys printed on the ROP are valid. The normalized office code (NOC) must be in the range 0-250. The digits field consists of four digits. If the keys are valid, use ODBE to verify that the rIRT_DNTRAN tuple does not exist on the SM indicated; then insert the tuple. If the keys are not valid, file a trouble report.

631. RTRT_DTRTX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are two possible reasons for this assert to fire:

Case 1) A subscriber is making a circuit switched data call using digit analysis translations that specify a route index that does not have a DATARATE ALT RI populated on RC/V View10.2.

Case 2) An incoming non-SS7 trunk group has a DATARATE specified on the 5.1 view, so all incoming calls are marked as data calls using that datarate, and the DATARATE ALT RI for that datarate is not specified on RC/V View 10.2 for the route index that the call obtains from digit analysis.

Data Structures:

RLRT_DTRTX Key Fields: route_x, datarate.

Action:

Determine the DATARATE for the call by finding the enumeration value in domain DMDATARATE that corresponds to the integer value printed in the DATARATE field in the assert.

1a) If the outgoing trunk group for the route index printed in the assert can carry data calls at the datarate printed in the assert, then RC/V View 10.2 for the route index can be updated to contain the SAME route index value in the DATARATE ALT RI field for the appropriate datarate.

1b) If the outgoing trunk group for the route index printed in the assert CANNOT carry data calls at the datarate printed in the assert, then either:

i) A different route index that can carry calls at the datarate in the assert must be populated in the ALT RI for that datarate on RC/V View 10.2 for the route index printed in the assert,

or

ii) The digit analysis translations for the originator must be modified to provide a different route index.

2a) If the incoming non-SS7 trunk group is supposed to be a data trunk group, then the DATARATE ALT RI on RC/V View 10.2 for the route index printed in the assert must be populated for the datarate that is populated on RC/V View 5.1 for the incoming trunk group.

2b) If the incoming non-SS7 trunk group is NOT supposed to be a data trunk group, the datarate on the trunk group view must be removed.

632. RTRTGCN2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGcontl/RTrtgcont.c. During routing in routing and terminal allocation's (RTA's) local routing system process, the routing state was set to RT_SFG. In a non-CMP environment, this is an error. The first data dump contains the first 160 bytes of the routing data block. Study the stack frame dump to gain further insight into this assert.

633. RTRTGIN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTrtginit.c. Either an unrecognized message was received by the RTrtginit() function as a front end to a routing and terminal allocation (RTA) routing system process, or an MGRTERTE message was received with an unexpected REQTYPE. The first data dump contains the contents of the routing data block for the first case or the REQTYPE for the second case. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

634. RTRTGIN2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTrtginit.c. An unexpected message was received.

The first data dump contains the contents of the unexpected message. The second data dump contains the contents of the RTpendarray[] array. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

635. RTRTLIST (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read a rIRTLIST tuple, a failure code of DBNO_MATCH was returned. The rIRTLIST tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRRLIST. Key field: prim_ri.

Action:

This is a database inconsistency that can be corrected by manual action.

636. RTRT_MCRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_MCRT relation, a failure code of DBNO_MATCH was returned. The rIRT_MCRT tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_MCRT. Key field: mc_ri (route index).

Action:

This is a database inconsistency that can only be corrected manual action.

637. RTRT_MEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_MEM relation, a failure code of DBNO_MATCH was returned. The rIRT_MEM tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLRT_MEM. Key field: grpnum (multi-line hunt group).

Action:

This is a database inconsistency that can only be corrected by manual action.

638. RTRT_MHG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_MHG relation, a failure code of DBNO_MATCH was returned. The rIRT_MHG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_MHG. Key field: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

639. RTRTMWCF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLMWCF relation, a failure code of DBNO_MATCH was returned. The rIMWCF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLMWCF. Key field: feat_id.

Action:

This is a database inconsistency that can only be corrected by manual action.

640. RTRTNOT_LD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An expected feature is not loaded. No audits are run. This assert originates from the RTrafterm() function.

641. RTRTPPSCRN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRTPPSCRN relation, a failure code of DBNO_MATCH was returned. The

rIRTPPSCRN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTPPSCRN. Key fields: si, di, rte_code, prec_level.

Action:

This is a database inconsistency that can only be corrected by manual action.

642. RTRTROUTING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_ROUTING relation, a failure code of DBNO_MATCH was returned. The rIRT_ROUTING tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_ROUTING. Key field: route_x.

Action:

This is a database inconsistency that can only be corrected by manual action.

643. RTRTSATLN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRTSATLN relation, a failure code of DBNO_MATCH was returned. The rIRTSATLN tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRTSATLN. Key fields: gport.member, gport.module.

Action:

This is a database inconsistency that can only be corrected by manual action.

644. RTRTSEQ_INV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The routing sequence determined by the RTtkqswmsg() function was invalid.

645. RTRT_SFG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_SFG relation, a failure code of DBNO_MATCH was returned. The rIRT_SFG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_SFG. Key field: GRPNUM.

Action:

This is a database inconsistency that can only be corrected manual action.

646. RTRT_TGBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_TGBL relation, a failure code of DBNO_MATCH was returned. The rLRT_TGBL tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_TGBL. Key fields: GRPNUM, PFTYPE.

Action:

This is a database inconsistency that can only be corrected by manual action.

647. RTRT_TGID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_TGID relation, a failure code of DBNO_MATCH was returned. The rLRT_TGID tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_TGID. Key field: tgid.

Action:

This is a database inconsistency that can only be corrected by manual action.

648. RTRT_TRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_TRKG relation, a failure code of DBNO_MATCH was returned. The rLRT_TRKG tuple is missing or the key used to read this relation was not set properly.

Data Structures:

RLRT_TRKG. Key field: grpnum.

Action:

This is a database inconsistency that can only be corrected by manual action.

649. RTRT_WBRTX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A subscriber is making a wideband circuit switched data call using digit analysis translations that specify a route index that does not have a DATARATE ALT RI populated on the 10.2 RC View for the datarate that the call is attempting to use.

Data Structures:

RLRT_WBRTX Key Fields: route_x, wb_rate.

Action:

Determine the DATARATE for the call by finding the enumeration value in domain DMWB_RATE that corresponds to the integer value printed in the WB_RATE field in the assert.

a) If the outgoing trunk group for the route index printed in the assert can carry data calls at the datarate printed in the assert, then the 10.2 view for the route index can be updated to contain the SAME route index value in the DATARATE ALT RI field for the appropriate datarate.

b) If the outgoing trunk group for the route index printed in the assert CANNOT carry data calls at the datarate printed in the assert, then either:

i) A different route index that can carry calls at the datarate in the assert must be populated in the ALT RI for that datarate on the 10.2 view for the route index printed in the assert,

or

ii) The digit analysis translations for the originator must be modified to provide a different route index.

650. RTS96DFI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLS96DFI relation, a failure code of DBNO_MATCH was returned. The rLS96DFI tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLS96DFI. Key field: dfiname.

Action:

This is a database inconsistency that can only be corrected by manual action.

651. RTSCALTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCA_LTM relation, a failure code of DBNO_MATCH was returned. The rISCA_LTM tuple is missing, or the keys used to read this relation were not set properly. The key values LTM_TYPE and LTM_INDEX are printed on the ROP.

Data Structures:

RLSCA_LTM. Key fields: LTM_TYPE, LTM_INDEX.

Action:

This is a database inconsistency that can only be corrected by manual action.

652. RTSCFBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTsccof.c. While processing a selective customer control of facilities (SCCOF) request from an integrated services digital network (ISDN) attendant console, an invalid hunt type was found in the trunk group (TRKG) global data area. The first data dump contains the data area. Study the stack frame dump to gain further insight into this assert.

653. RTSCFBPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTsccof.c. While processing a selective customer control of facilities (SCCOF) request from an integrated services digital network (ISDN) attendant console, an invalid private facility type was found in the input message text. The first data dump contains the text of that message. Study the stack frame dump to gain further insight into this assert.

654. RTSCFLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCF_LTM relation, a failure code of DBNO_MATCH was returned. The rLSCF_LTM tuple is missing, or the keys used to read this relation were not set properly. The key values LTM_TYPE and LTM_INDEX will be printed on the ROP.

Data Structures:

RLSCF_LTM. Key fields: LTM_TYPE, LTM_INDEX.

Action:

This is a database inconsistency that can only be corrected by manual action.

655. RTSCM_NSCM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCM_NSCM relation, a failure code of DBNO_MATCH was returned. The rLSCM_NSCM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLSCM_NSCM. Key fields: ltm_idx, ltm_type.

Action:

This is a database inconsistency that can only be corrected by manual action.

656. RTSCR_LTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSCR_LTM relation, a failure code of DBNO_MATCH was returned. The rLSCR_LTM tuple is missing or the keys used to read this relation were not set properly. The key values LTM_TYPE and LTM_INDEX will be printed on the ROP.

Data Structures:

RLSCR_LTM. Key fields: LTM_TYPE, LTM_INDEX.

Action:

This is a database inconsistency that can only be corrected by manual action.

657. RTSCRNING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_SCRNING relation, a failure code of DBNO_MATCH was returned. The rLRT_SCRNING tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_SCRNING. Key fields: screen_x, dest_x, prefix.

Action:

This is a database inconsistency that can only be corrected by manual action. Use the following table to map the enum value dumped for PREFIX to its corresponding explanation:

VALUE	EXPLANATION
0	don't care value
1	no prefixed digits
2	dialed 0 +
3	dialed 0 -
4	dialed 1 +
5	dialed 01+ - International
6	dialed 011+ - International

658. RTSDALTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSDA_LTM relation, a failure code of DBNO_MATCH was returned. The rLSDA_LTM tuple is missing or the keys used to read this relation were not set properly. The key values LTM_TYPE and LTM_INDEX will be printed on the ROP.

Data Structures:

RLSDA_LTM. Key fields: LTM_TYPE, LTM_INDEX.

Action:

This is a database inconsistency that can only be corrected by manual action.

659. RTSEADREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTse/RTseadreq.c. A request to select a certain type of call for service evaluation treatment was received; however, the call type retrieved from the MGRTSREQ message was unknown. The first data dump contains that call type. Study the stack frame dump to gain further insight into this assert.

660. RTSEL6P1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsel_6p.c. When attempting to select simulated facilities group (SFG) access to a 6-port conference circuit, the appropriate SFG dynamic data status block could not be accessed. The first data dump contains the contents of the SFG global data block. Study the stack frame dump to gain further insight into this assert.

661. RTSETSA1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTpp/RTset_sast.c. During the attempt to set the precedence level of a given subaddress of a given LTM index, the RTset_sast() function could not access the appropriate rPPSAST tuple. The

first data dump contains the input LTM index argument. Study the stack frame dump to gain further insight into this assert.

662. RTSFGCOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: SFGCOR	Audit Mode: null

Problem:

An attempt was made to access a tuple in the RLSFGCOR dynamic relation. Either the expected tuple does not exist or an invalid key (crnum) was used to access the relation. Possible software bug.

663. RTSFGINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in an rLRT_SFG tuple.

Data Structures:

RLRT_SFG. Key fields: GRPNUM.

Action:

This is a database inconsistency that can only be corrected by manual action.

664. RTSFGSERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTinsfg.c. During the initialization of the rLSFSTAT and rLGSFST dynamic tuples, an error return was received from the DBstfst() or DBstnxt() primitive when stepping through the RLRT_SFG static relation. The first data dump contains the error return. Study the stack frame dump to gain further insight into this assert.

665. RTSFGST1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfg_set.c. During the set up to hunt for a simulated facilities group (SFG) member, an error return was received from the RTsfg_ht() function; an infinite loop of secondary route indices may be occurring in the RLRT_MCRT relation. The first data dump contains the contents of the MC route call flow data block. Study the stack frame dump to gain further insight into this assert.

666. RTSFGSV1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfgsv.c. During the population of the MGSFGSV message, the input call ID argument contained an out of range value. The first data dump contains the call ID value. Study the stack frame dump to gain further insight into this assert.

667. RTSFREL1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfrel.c, RTwsfrel.c, RTsa4owsf.c, RTsfstore.c, or RTsfrrt.c. When attempting to release simulated facilities group (SFG) group members upon the release of the call record, the input call ID argument contained an invalid value. The first data dump contains the invalid call ID. Study the stack frame dump to gain further insight into this assert.

668. RTSFSBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTsfg_stat.c. During an attempt to update the selective customer control of facilities (SCCOF) flag for simulated facilities groups (SFGs), an invalid hunt type parameter was passed to the RTsfg_stat() function.

The first data dump contains the invalid hunt type. The second data dump contains the SFG group number. Study the stack frame dump to gain further insight into this assert.

669. RTSHDNLENERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDBFM() macro failed during a shared directory number (SHDN) call. When attempting to send a SHDN control message to the shared call system process (SCSP) from the CMP distribution system process (CDSP) within the CMP, the message length exceeded the bounds of the OSSENDBFM() macro. To resolve this problem, contact your next level of support.

670. RTSHTBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTstophunt.c. During an attempt to turn on the stop hunt indicator for a multiline hunt group (MLHG), an invalid hunt type was passed to the RTstophunt() function.

The first data dump contains the invalid hunt type. The second data dump contains the MLHG number that was to have been updated. Study the stack frame dump to gain further insight into this assert.

671. RTSHTERM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLSHTERM relation, a failure code of DBNO_MATCH or DBINCONSIST was returned. The rLSHTERM tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLSHTERM. Key fields: lead module, ltm index, range.

Action:

This is a database inconsistency that can only be corrected by manual action.

672. RTSLEDEFAULT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro error UNKNOWN was encountered during a local area signaling services (LASS) screen list editing (SLE) session.

673. RTSLELENGTHERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro error OSELENGTH was encountered during a local area signaling services (LASS) screen list editing (SLE) session.

674. RTSLEPROCERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro error OSEPROC was encountered during a local area signaling services (LASS) screen list editing (SLE) session.

675. RTSMFACUP (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in RTsmfac_up(). When RTsmfac_up() is called to update the RLFACSTAT dynamic relation in the SM, the circuit type and circuit name input parameters are not set correctly.

Probable Cause:

The input parameters to RTsmfac_up() are not set correctly.

Action:

There are 3 dcf-data dumps generated by this assert; the first gives the circuit type, the second gives the circuit name, and the third is not consistently used and must be check in function to identify the data dumped. Verify that RTsmfac_up() is called with the correct circuit type and circuit name.

676. RTSMFACUP (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in RTsmfac_up(). When RTsmfac_up() is called to update the RLFACSTAT dynamic relation in the SM, the circuit type and circuit name input parameters are not set correctly.

Probable Cause:

The input parameters to RTsmfac_up() are not set correctly.

Action:

There are 3 dcf-data dumps generated by this assert; the first gives the circuit type, the second gives the circuit name, and the third gives the converted STS circuit name. Verify that RTsmfac_up() is called with the correct circuit type and circuit name.

677. RTSMNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read error occurred on the key DDRTSMBLK.

678. RTSND_MSG_FL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send the MGIDLE_PT message to the local routing system process (LRSP) from the function RTtkidlefac().

679. RTSNDTG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTsndtgbwl.c. During an attempt to turn the integrated services digital network (ISDN) attendant trunk group busy warning lamp on or off, the outgoing Q931 message buffer could not be initialized. The first data dump contains the error return from the PSqmsginit() function. Study the stack frame dump to gain further insight into this assert.

680. RTSNDTG2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTsndtgbwl.c. During an attempt to turn the integrated services digital network (ISDN) attendant trunk group busy warning lamp on or off, the outgoing Q931 message could not be sent.

The first data dump contains the error return from the PSqmsgsend() function. The second data dump contains the text of the QINFO message, and the third data dump contains the link information structure. Study the stack frame dump to gain further insight into this assert.

681. RTSPAWN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTspawn.c when attempting to create a new terminal process for a line termination. The call to the OSMCREATE() macro returned OSEPROG which means that an invalid program ID was passed to it.

The first data dump contains the program ID. The second data dump contains the createdata structure passed in. Study the stack frame dump to gain further insight into this assert.

682. RTSPCHTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A route is provisioned for a bearer capability of 3.1kHz audio, but the trunk group has speech treatments defined by the speech attribute on RC/V View 5.1 (TRUNK GROUP).

Data Structures:

RLRT_ROUTING. Key field: route index (RTI).

RLRT_TRKG. Key field: trunk group number (TGN).

Action:

Provision a separate route for the identified speech trunk group by assigning a new RTI on RC/V 10.2 (ROUTE INDEX [ROUTING]) with the identified speech trunk group in the TGN field. Assign the NEXT RTI field to the identified RTI or another speech route. On RC/V 10.2, change the TGN field for the identified RTI to a non-speech trunk group in the list identified by the NEXT RTI. On the same view, assign the new separate speech route with the new RTI identifying the speech trunk group using the SPEECH ALT RI field.

Since there now are two routes with the same TGN, remove the redundant route by changing the NEXT RTI to the next real route in the route list.

If this is a toll office, remove the speech assignment from the trunk on RC/V View 5.1 (TRUNK GROUP).

683. RTSPECRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_SPECRI relation, a failure code of DBNO_MATCH was returned. The rIRT_SPECRI tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_SPECRI. Key fields: dn, digits.

Action:

This is a database inconsistency that can only be corrected by manual action.

684. RTST2VPIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception has occurred in rta/RTprims/RTsmfac_up(). When attempting to read relation RLST2VPIDB, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

The key value from the RLST2VPIDB relation is dumped here: Keys: STS_CKTNAME.

Action:

This is a database inconsistency that can only be corrected by manual action.

685. RTSTATC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTstatchg() function. This error is triggered by an error return from the PHrm_ntwk() function when attempting to remove the network path (when an MGSTATCHG message was received due to a keying trunk failure). The first data dump contains the error return from PHrm_ntwk() and the second dump contains path descriptor data block.

686. RTSTATC2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTstatchg() function. The error is one of the following; 1) an unknown change type (chg_type) in the MGSTATCHG message was encountered, or 2) an unknown message type was received. Study

the stack frame dump to determine which error triggered this assert. The data dump contains the invalid charge type for error 1 or the message head for error 2.

687. RTSTATH1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTstathndlr.c. While processing a MGBLFSTAT message with a destination field of RTHGC (100s group), the ins field had an invalid value. The first data dump contains the MGBLFSTAT message. Study the stack frame dump to gain further insight into this assert.

688. RTSTATH2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTblf/RTstathndlr.c. During the processing of the MGBLFSTAT message, the destination field contained an invalid value. The first data dump contains the MGBLFSTAT message. Study the stack frame dump to gain further insight into this assert.

689. RTTAISP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tandem access for interlata sent paid coin (TAISP) calls introduced a new equal access protocol identified by modified equal access (MEA) and modified equal access international (INCM). Only coin phones can use routes that have these protocols to access a carrier.

The carrier is a traffic service position system (TSPS) class of service and can be directly connected to this office [direct trunk group (DTG)], or the carrier can be indirectly connected via an access tandem [shared trunk group (STG)].

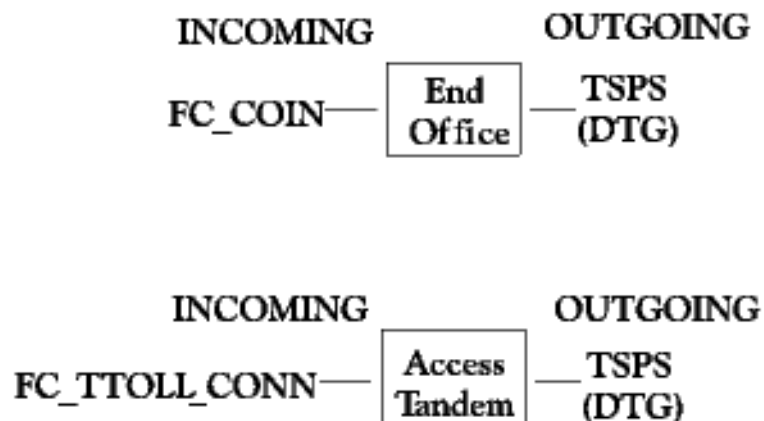


Figure 1 Direct connection

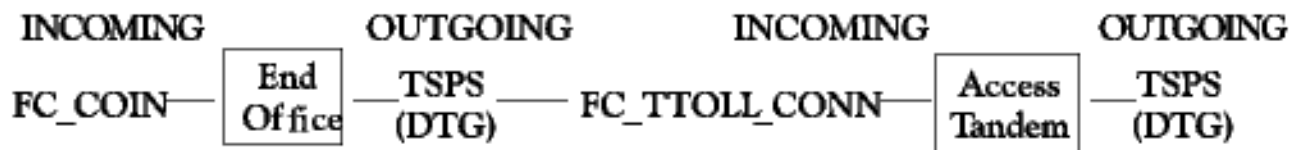


Figure 2 Indirect connection

For a route that has the MEA or INCM signaling protocol, a problem occurs when the originating service class is not FC_COIN or the route descriptor is not DTG or STG.

Data Structures:

The ORIG COS (originating service class) and RI (key to the route used) are dumped.

Action:

An invalid route was specified. Follow these steps to correct the problem.

1. Use the line class code record (see the TG-5 Translation Guide, Section ESS 5306) to determine the class of service and the screening index values associated with the originating line class code (LCC).
2. Use RC/V View 10.2 [ROUTE INDEX (ROUTING)] to determine the trunk group (TGN) associated with the route.
3. Use RC/V View 5.1 (TRUNK GROUP) to determine the carrier ID.
4. Use RC/V View 10.3 (INTERLATA CARRIER) to determine the code index.
5. Once the screening index and code index have been obtained, use RC/V View 10.10 (SCREENING CHARGING) to determine the route.
6. RC/V View 10.10 probably specifies an incorrect route due to the incompatibility of the screening index and the code index. Change the route on RC/V View 10.10 to a compatible route, or change the signaling protocol on RC/V View 10.2 from MEA to EA, or from INCM to INC.

690. RTTDR_INV_INTVL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtod/RTtdr_intvl.c.

Probable Cause:

RTtdr_intvl() was not able to determine the status of an time dependent routing (TDR) interval.

Action:

Study the stack dump to gain further insight into this assert.

691. RTTDR_RTI (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to delete a rITDR tuple, a failure code was returned. The trigger function has failed to delete the associated rITDR_RTI tuple due to DB failed. The time dependent routing hourly schedule cannot correct the problem since the rITDR tuple has been removed by the DB.

Data Structures:

RLTDR_RTI. Key field: irte_idx.

Action:

Use ODBE to remove the associated rITDR_RTI tuple.

692. RTTDR_TP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtod/RTtdr.c.

Probable Cause:

An error return of OSEPROG was received from the call to the OSCREATE() macro when attempting to create a new terminal process for hourly time dependent routing (TDR) schedule.

Action:

The first data dump contains the process ID returned from OSCREATE(). Study the stack frame dump to gain further insight into this assert.

693. RTTDR_UXMSG (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected or unknown message was received by the time dependent routing (TDR) terminal process (rta/RTtod/RTtdr_entry.c).

Action:

The message head and message text of the message is dumped on the ROP. Study the message dump to gain further insight into this assert.

694. RTTEPUCLMA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Static data was found in the RLCL_MATES relation when a no match was expected for a cluster mate. No audits were run. The assert originates from the RTgenreq() function.

695. RTTERM1SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTbterm.c. While processing a busy verify termination, the routing and terminal allocation (RTA) terminating process was not able to send the termination message to the newly created terminating terminal process as the error return from the RTltstmsg() function indicates. The first data dump contains the error return. The newly created terminal process will be purged. Study the stack frame dump to gain further insight into this assert.

696. RTTERM2SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTlineterm.c. During the setup up of a terminal process for a line termination, an error return was received from the RTbusysa() function. The new terminal process that was created to handle

this termination is purged.

The first data dump contains the contents of the port linkage area (PORTLA) for the port that the termination was intended for. The second data dump contains the error return from RTbusysa(). Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

697. RTTERM3SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTpf_slvld.c rta/RTamps/RTcreatatp.c or rta/RTterm/RTcreatprc.c. During the processing of a termination request and the subsequent creation of a new terminal process (TP), an error return was received from the DAgetpcbl() function when attempting to get the pointer to the new TP's process control block link area (PCBLA). The first data dump contains the process ID of the new process. The second data dump contains the error return from DAgetpcbl() if this problem occurred in the RTcreatprc() function, or the contents of the MGPF_SLV message if the problem occurred in the RTpf_slvld() function. The new terminal process will be purged. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

698. RTTERM4SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTcreatprc.c or in rta/RTamps/RTcreatatp.c. During the processing of a termination, an error return was received from the DACppopc() function when attempting to couple the port linkage area (PORTLA) and process control block link area (PCBLA) from the newly created terminal process. The first data dump contains the contents of the routing and terminal allocation (RTA) process data block that was passed in. The second data dump contains the error return from DACppopc(). The new terminal process is purged. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

699. RTTERM5SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTcreatprc.c or in rta/RTamps/RTcreatatp.c. When processing a termination request, an error return was received when the termination message was sent to the newly created terminating terminal process. The new terminal process will be purged. The first data dump contains the process ID of the new terminal process. The second data dump contains the error return from the OSSENBFBM() macro. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

700. RTTERM6SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTtterm.c or rta/RTterm/RTlineterm.c. When processing a termination request involving line time slot bridging (LTSB), an error return was received from the RTltstmsg() or RTltstst() function.

The first data dump contains the error return or a pointer to the impacted port linkage area (PORTLA). The second data dump contains the contents of the MGTM_TERM message that should have been sent or the error return. The

new terminal process will be purged. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

701. RTTERM7SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTcreatprc.c. When processing a termination request, an attempt to camp-on to a busy port failed and an error return was received from the RTrtaco() function.

The first data dump contains the routing and terminal allocation (RTA) process data block passed to the RTcreatprc() function. The second data dump contains the error return from the RTrtaco() function. The newly created terminal process will be purged. Output from the RTDUMPDATA() macro call may follow this assert.

702. RTTERM8SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTspawn.c. During the processing of a termination request, an error return was received from the DAgetpcbl() function when attempting to get the pointer to the newly created terminal process's process control block link area (PCBLA).

The first data dump contains the creatdata structure that was passed to the RTspawn() function. The second data dump contains the process ID of the new terminal process. The third dump contains the program ID of the new terminal process. The new terminal process will be purged. Study the stack frame dump to gain further insight into this assert.

703. RTTERM9SPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTterm/RTpf_slvld.c. During the processing of an offhook from a scan point, an error return was received from the DACppopc() function when attempting to couple the port linkage area (PORTLA) to the newly created terminal process's process control block link area (PCBLA).

The first data dump contains the scan point's port. The second data dump contains the error return from DACppopc(). The third dump contains the contents of the MGPF_SLV message received by the RTpf_slvld() function. The new terminal process is purged. Study the stack frame dump to gain further insight into this assert.

704. RTTERMG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in one of the following files: rta/RTterm/RTannterm.c, rta/RTterm/RTlineterm.c, rta/RTterm/RTpf_slvld.c, rta/RTterm/RTafterterm.c, rta/RTterm/RTses_pu.c, rta/RTamps/RTapterm.c, or rta/RTterm/RTtrkterm.c. The pointer to the port linkage area (PORTLA) that was obtained from the DAgetptla() primitive indicates that the riPORTLA tuple obtained is not consistent with the port value passed. The port value was obtained from the termination message. The first data dump contains the global port value. Study the stack frame dump to gain further insight into this assert. Output from the RTDUMPDATA() macro call may follow this assert.

705. RTTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLRT_TG relation, a failure code of DBNO_MATCH was returned. The rIRT_TG tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLRT_TG. Key field: tgid.

Action:

This is a database inconsistency that can only be corrected by manual action.

706. RTTG2ATT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTGTOATT relation, a failure code of DBNO_MATCH was returned. The rITGTOATT tuple is missing or the keys used to read this relation were not set properly.

If an rIRT_TRKG tuple exists where RLrt_trkg.isdntgbwl is DBYES, then the corresponding rITGTOATT tuple should exist where RLtgoatt.grpnum is RLrt_trkg.grpnum and RLtgoatt.pftype is PFPHYS.

If an rIRT_SFG tuple exists where RLrt_sfg.isdntgbwl is DBYES, then the corresponding rITGTOATT tuple should exist where RLtgoatt.grpnum is RLrt_sfg.grpnum and RLtgoatt.pftype is PFSFG.

Data Structures:

RLTGTOATT. Key fields: grpnum, pftype.

Action:

This is a database inconsistency that can only be corrected by manual action.

Because of the distributed nature of rITGTOATT data, certain recent change events can cause this assert to occur unexpectedly. The assert may be seen when a trunk group or SFG group is initially assigned the ISDN busy warning lamp feature with RC/V View 5.1 (TRUNK GROUP) or RC/V View 7.3 (PFA SIMULATED FACILITY GROUP). Use ODBE to verify the existence of rITGTOATT tuple on the SM where the assert occurs. If the rITGTOATT tuple is there, the integrity of the data is not affected. The assert can be ignored for this situation.

707. RTTG2ATT (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTGTOATT relation, a failure code of DBNO_MATCH was returned. The rITGTOATT tuple is missing or the keys used to read this relation were not set properly.

If an rIRT_TRKG tuple exists where RLrt_trkg.isdntgbwl is DBYES, then the corresponding rITGTOATT tuple should exist where RLtgoatt.grpnum is RLrt_trkg.grpnum and RLtgoatt.pftype is PFPHYS.

If an rIRT_SFG tuple exists where RLrt_sfg.isdntgbwl is DBYES, then the corresponding rITGTOATT tuple should exist where RLtgoatt.grpnum is RLrt_sfg.grpnum and RLtgoatt.pftype is PFSFG.

Data Structures:

RLTGTOATT. Key fields: grpnum, pftype.

Action:

This is a database inconsistency that can only be corrected by manual action.

708. RTTG_CF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read RLTG_CF relation resulted in a DBNO_MATCH. The rLTG_CF tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTG_CF. Key fields: feature ID.

Action:

This is a database inconsistency that can only be corrected by manual action.

709. RTTGEONSFG (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTsfg_set.c or RTtkessx.c. The data is not set correctly for EOLN calls. But the call is allowed to complete.

Data Structures:

The terminating trunk group number, originating port, dialed digits, EON_MCRI and NODAL_IDX are dumped.

Action:

If EON_MCRI is zero: Use RC/V View 5.1 (TRUNK GROUP), keyed by the trunk group number, to verify that EON_MCRI is populated with a valid value.

If NODAL_IDX is zero: Use originating port and the dialed digits to find the value of NODAL_IDX through digit analysis. NODAL_IDX should have a valid range between 1 and 7.

If both NODAL_IDX and EON_MCRI have valid values: Use RC/V View 10.4 (BRCS MC ROUTE INDEX EXPANSION), keyed by the sum of NODAL_IDX and EON_MCRI, to get the SFG GP NUM. Use RC/V View 7.3 (PFA SIMULATED FACILITY GROUP), keyed by SFG GP NUM, to verify the SFG TYPE is of EON SFG.

710. RTTGFACTMISSING (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: FACSTAT	Audit Mode: elev

Problem:

An exception has occurred in one of the following functions: RTfifo(), RTlinear(), RTtrk_ucd(), RTwbfound(), or RTtkmem(). See the stack frame accompanying this assert to determine the exact location of the failure.

Probable Cause:

This assert indicates the dynamic rIFACSTAT tuple is missing.

Action:

The dcf-data dump generated by this assert gives the trunk port that causes the assert. Use the trunk port information to access the RLPORT_GROUP relation. Verify the trunk has the correct settings of tsi_link and vpidb attributes in the RLPORT_GROUP relation. If the trunk belongs to a fifo group, also verify the value of fast_inh attribute in RLTKQUE relation. The keys to the rIFACSTAT tuple is also generated by this assert. The AUFACSTAT audit is scheduled to clear the problem.

711. RTTGLTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TGLTM tuple is missing for a member of a terminal group. As a result, it cannot be determined if the member is allowed to have a customer defined restriction displayed when the member is part of a call involving the integrated services digital network (ISDN) attendant console for the centrex network feature.

Data Structures:

RLTGLTM. Key fields: lead_mod, ltm_idx, ltm_type.

The first three items on the ROP output are the keys used to access the TGLTM relation.

Item 1 - LEAD_MOD. The lead module is the SM number associated with the port or is zero if the terminal group station restriction (TGSr) feature was assigned via a business and residential custom services (BRCS) business feature group (BFG).

Item 2 - LTM_TYPE. This is the ltm type of the terminating port.

Item 3 - LTM_IDX. This is the ltm idx of the terminating port. The next three items on the ROP output are useful data for finding out more information about the port with the problem.

Item 4 - MEMBER. This is the port that a was receiving a call.

Item 5 - MODULE. This is the terminating SM of the port.

Item 6 - PARTY. This is the party of the terminating port.

Action:

Use the following steps to recover the TGLTM tuple and to determine a value for the disp_rstrct field:

Step 1. Use odbe to insert a TGLTM on the SM indicated by the MODULE item of the ROP output. Use the LEAD_MOD, LTM_TYPE, and LTM_IDX as the keys. Leave all the other fields with their default values.

Step 2. If you are satisfied with the default value in the disp_rst field you are done, otherwise do the rest of these steps.

Step 3. Do an op:conv,port=MODULE-h'MEMBER substituting the MODULE and MEMBER with the values from the ROP output. This will provide the DN to use for the rest of the steps.

Step 4. If the LEAD_MOD field from the ROP output is zero, the TGSr feature was assigned through a BFG. Use RC view 1.11 to find the BFGN and the TGSr feature. Use RC view 12.9 with the BFGN to find the value of DISP RESTRICT. Use RC view 1.29 to set the value of DISP RESTRICT to the value found on the 12.9 view.

Step 5. If the LEAD_MOD field from the ROP output is not zero there is no BFG involved. The TGSr feature was assigned as an individual DN feature. Use RC view 1.11 to find the TGSr feature. Use RC view 12.21 to get the default DISP RESTRICT value. Use RC view 1.29 to set the value of DISP RESTRICT to the value found on the 12.21 view.

712. RTTKBSY1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTtrkbusy.c. During the attempt to route to a busy or unavailable trunk group, standalone routing was attempted. However, an unknown return value was received from the RTjumpstest() function. The first data dump contains that return value. Study the stack frame dump to gain further insight into this assert.

713. RTTKBSY2 (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTtrkbusy.c. When the original attempt to route to a trunk group failed because the trunk group was busy or otherwise unavailable, alternate routing was attempted. However, during this attempt, an invalid or unknown return was received from network management (NM) posthunt controls. The first data dump contains that return value. Study the stack frame dump to gain further insight into this assert.

714. RTTKFST1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTtkfstht.c. During fast trunk and/or simulated facilities group (SFG) fast hunt processing for modular queueing II, an error return was received from the RTfifo() or RTlinear() function. The first data dump contains the error return. Study the stack frame dump to gain further insight into this assert.

715. RTTKHNT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTtrkdpheht.c or rta/RTGtrk/RTtrkhunt.c. During trunk member selection for a trunk termination, an invalid or unexpected hunt type value was found in the rLRT_TRKG tuple for that trunk group. The first data dump contains the entire rLRT_TRKG tuple. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

716. RTTKHNT2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTtrkhunt.c. During the selection of a trunk group member for a trunk termination, an error return was received from the RTfifo() or RTlinear() function. The first data dump contains that error return. Study the stack frame dump to gain further insight into this assert.

717. RTTKIDL1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTtkfacidle.c or rta/RTtkq/RTtkidlfac.c. During the idling of OUTWATS simulated facilities group (SFG) or trunk group (TG) facilities (for modular queueing II), the group_type parameter contained an invalid value. The first data dump contains the appropriate queue port structure. Study the stack frame dump to gain further insight into this assert.

718. RTTKMEM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTtkmem.c. or in rta/RTamps/RTap_tkmem.c. During the execution of the call through the test, trunk busy verify feature, or the routing via trunk group and member number, an illegal or unknown hunt type was found in the rLRT_TRKG tuple for the trunk group being terminated to. The first data dump contains the rLRT_TRKG tuple. Study the stack frame dump to gain further insight into this assert.

719. RTTKQCN1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTtkq_can.c. During trunk queue cancellation (as part of modular queueing II), an invalid value was found in the cancel_reason field of the MGTKQ_CAN message. The first data dump contains the entire MGTKQ_QUE message. Study the stack frame dump to gain further insight into this assert.

720. RTTKQMS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTtkq_ms.c or RTtkqupst.c. During trunk group measurement and/or billing processing for modular queueing II, an invalid group type was found in the MGTKQ_MS message in the routing data block. The first data dump contains the contents of this message. Study the stack frame dump to gain further insight into this assert.

721. RTTKQSL1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTtkq_sel.c. During queue member selection for modular queueing II, an inconsistency was found between the status of the priority or routing queue and the pq_count of the owner tuple. The first data dump contains the owner tuple. Study the stack frame dump to gain further insight into this assert.

722. RTTKQUP1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtkq/RTtkqupst.c. While updating the queue status in the group dynamic data for modular queueing II, a data inconsistency was found between the MGTKQ_STAT message and the status of or lack of a priority queue.

The first data dump contains the contents of either the trunk group (TRKG) or simulated facilities group (SFG) global data block. Study the stack frame dump to gain further insight into this assert.

723. RTTKSBHT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTtkg_stat.c. During an attempt to update the status of the selective customer control of facilities (SCCOF) flag for a trunk group, an invalid hunt type parameter was passed to the RTtkg_stat() function.

The first data dump contains the invalid hunt type. The second data dump contains the trunk group that was to have been updated. Study the stack frame dump to gain further insight into this assert.

724. RTTKSPR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGtrk/RTtrkdprht.c or rta/RTGtrk/RTtrksprht.c. During the selection of a trunk group and/or member for a trunk termination, an error return was received from network management (NM) pre-hunt control or from defense switch network (DSN) pre-hunt controls. The first data dump contains the error return. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

725. RTTMBLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in an rITMBLIST tuple.

Data Structures:

RLTMBLIST.

Action:

Use RC/V (or ODBE, if necessary) to fix the rITMBLIST tuple causing the problem.

726. RTTMLBLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTMBLIST relation, a failure code of DBNO_MATCH was returned. The rITMBLIST tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTMBLIST. Key field: scndindex.

Action:

This is a database inconsistency that can only be corrected by manual action.

727. RTTMDSC1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTtmdisc.c. While processing a terminal maintenance (TM) termination failure, an error return was received from the PHrm_ntwk() function.

The first data dump contains the error return and the second data dump contains the TM network data block including the path descriptor. Study the stack frame dump to gain further insight into this assert.

728. RTTMINT1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTtminic.c. During the initial setup of a terminal maintenance (TM) route request, a data inconsistency was found in the routing message (such as, an invalid message type, rt_req value, rte_try value, or rt_check value). The first data dump contains the TM routing data block. Output from the RTDUMPDATA() macro call may follow this assert. Study the stack frame dump to gain further insight into this assert.

729. RTTMMMSG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGcontl/RTtmmsg.c. When attempting to send a termination message, the message type of the message was unknown. The first data dump contains the contents of the message buffer, including the message head. Study the stack frame dump to gain further insight into this assert.

730. RTTMMMSG2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGcontl/RTtmmsg.c. When attempting to send a terminating message, a data inconsistency was found while processing the MGTK_ENQUEUE message.

The first data dump contains the contents of the pigbk field of the routing message. The second data dump contains the location of the terminating message buffer for the MGTK_ENQUEUE message from the TK_ENQUEUE_TMB() macro. Study the stack frame dump to gain further insight into this assert.

731. RTTMPPTCOND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read port priority information from the TMportcond[] array.

732. RTTMPST1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTtm/RTtmpstat.c. During the attempted status update of a hunted port, the input parameter to the RTtmpstat() function was unknown. The first data dump contains the unknown parameter. Study the stack frame dump to gain further insight into this assert.

733. RTTMT_DBRDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the relation RLFC_PORTTYP failed. No audits were run. This assert originates from the RTtmterm() function.

734. RTTODAM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTtodamentry() function, the controller system process for time of day originated recent changes (TORCs). The RTtodamentry() function found one of the following errors:

- 1) an MGTIMER message was received with an unknown timer.tag field, or
- 2) an unknown message was received.

The data dump contains the full message that was received.

735. RTTODSM1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTtodsmentry() function, the SM system process that is responsible for implementing prescheduled and key activated recent changes. One of the following occurred:

- 1) an unknown feature ID was found in the MGRTKYTOD message,
- 2) an unknown roll forward type was found in the MGFCTODRF message,
- 3) an unknown timer.tag field was found in the MGTIMER message,
- or 4) an unknown message was received.

See the stack frame to determine the location that the assert fired at. The complete message will be dumped.

736. RTTRACSRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the trigger function/file rta/RTrcv/RTtracsopt.c. In the RTlhbchg() function, during the allocation or de-allocation of rILHB tuples, an error return was received from the DBstfst() or DBstnxt() primitive during the sequential read of tuples in the RLFC_LINE relation. The first data dump contains the error return value. Study the stack frame dump to gain further insight into this assert.

737. RTTREE_BLF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rITREE_BLF tuple was missing in this SM when a database read was attempted.

Data Structures:

RLTREE_BLF. Key fields: hgid, sm1-sm12.

The hgid key is the 100s group identifier (nocx256+d4x16+d3) and the sm1-sm12 fields are the 100s group line modules.

Action:

The dump contains the contents of the RLTREE_BLF relation local buffer. Use the hgid value from the dump to display RC/V View 4.27 (ISDN HUNDREDS GROUP SM STRUCTURE). The 100s group select button is defined or a combination of buttons (a NOC select button and a DSS button) selecting the given 100s group is defined, but no corresponding rITREE_BLF tuple is defined. Change the 100s group select button or NOC select button to make sure that the 100s group will not be selected.

738. RTTRIGWL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in the RTtrigwl() function which triggers a work list for a given time and day. A cross processor read of the static relation RLMHG_TGSR failed. The rLMHG_TGSR tuple is dumped, the first fields contain the valid keys. The stack frame contains the error return code from the DBxfrdtup() primitive call.

739. RTTRMFAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When attempting to read the RLTRMFEATS relation, a failure code of DBNO_MATCH was returned. The rLTRMFEATS tuple is missing or the keys used to read this relation were not set properly.

Data Structures:

RLTRMFEATS. Key fields: lport (logical port), lpt_type (logical port type), range.

Action:

This is a database inconsistency that can only be corrected by manual action.

740. RT_TSMBADMSG (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received from the terminal status monitor message handling routine.

Probable Cause:

Incorrect process ID was populated in the OSDS message header information.

Action:

This is a software problem. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

741. RTTSMBTN (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the RLTSMBTN relation, a failure code was returned. Either the rLTSMBTN tuple is missing or an error occurred when populating the keys.

Data Structures:

RLTSMBTN. Key Fields: Monitoring LPORT, Monitoring Stored_parameter.

Action:

This is a database inconsistency that can only be corrected by manual action.

742. RTTSMTRING (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading the RLTSMTTRING relation, a failure code was returned. Either the rLTSMTTRING tuple is missing or an error occurred when populating the keys.

Data Structures:

RLTSMTTRING.

Key Fields: Monitored SM, Monitored LTM_TYPE, Monitored LTM_IDX.

Action:

Use ODBE to read RLLTM_PORT with the LTM_IDX from the ROP output and retrieve the port and party information. Read either RLFC_LINE with the port and party information or execute an

"OP:CONV,PORT=x-y (where x = SM, y= port)"

to determine the DN. Once the DN has been determined, use RC/V Views 1.8 (ANALOG LINE/BRCS

ASSIGNMENT) or 23.2 (DIGITAL SUBSCRIBER LINE) to verify that this is a monitored terminal and if so, populate RC/V View 23.24 with the monitoring DN's associated with this monitored DN.

743. RTUCLPMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unconditional preemption of a stuck process occurred in response to a command from the master control center (MCC), such as RMV:LINE,DN=XXXXXXX,UCL.

In rare cases, the original request from terminal maintenance (TM) or maintenance request administration (MRA) was not honored because the terminal process controlling the port did not accept the MGINTERRUPT message. In such cases, a special routing and terminal allocation (RTA) primitive, RTUclprmt(), is called to unconditionally remove the port from the control of the owning process and give control to the requesting TM or MRA process.

Keep all data dumps from the ROP. Since a stuck process is an unpredictable event, any relevant data is necessary in order to discover the cause of the problem.

Data Structures:

The program ID (PID) will map to the entry function of the terminal process that was controlling the port to be removed unconditionally. The PIDs can be found in the hdr/pag/GLtpxxxx.h files. The procnum is the process number of the stuck process. It can be used to match against the data dumps that will follow. The port is the resource to be preempted.

Action:

Save this data and other data dumps which will follow. The RTUclprmt() primitive will cause a single process purge of the hung process and the subsequent system integrity (SI) and audits (AU) activity will cause data dumps to be sent to the ROP. If the far party of the hung process is on the same SM, the far party will also be purged.

744. RTUEXP_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received for the message header type. An operating system (OS) message is expected. This assert originates from the RTimmsgcnt() function. No audits are scheduled.

745. RTUEXP_SFG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTisatnd/RTtgbwl.c. During processing of ISAT or ANALOG attendant SFG group busy/warning lamps, an unexpected request to update a SFG group was found.

Probable Cause:

This assert indicates this is the wrong processor for updating the SFG lamp status.

Action:

The data dump contains the SFG group number and the hunt type. Study the stack frame dump to gain further insight into this assert.

746. RTUNBATERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTunbatch.c. When processing an MGRTABATCH message, the batchtype field was not set to a value of UPDHUNTKEYS. The first data dump contains the contents of the MGRTABATCH message. Study the stack frame dump to gain further insight into this assert.

747. RTUNKMFIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTshared/RTfillstat.c. During the processing of a status update request for a hunted port, an unknown value in the filltype parameter was passed to the RTfillstat() function.

The first data dump contains the unknown value. The second data dump contains the global port whose status should be changed. Study the stack frame dump to gain further insight into this assert.

748. RTUNKORIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown origination type parameter was encountered.

749. RTUNKSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTshared/RTfillstat.c. During the processing of a status update request for a hunted port, an unknown value in the statcmd parameter was passed to the RTfillstat() function.

The first data dump contains the unknown value. The second data dump contains the global port whose status should be changed. Study the stack frame dump to gain further insight into this assert.

750. RTUNKWN_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized message was received by the nail-up routing and terminal allocation (RTA) SM system process.

751. RTUPDHKYS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTinit/RTupdhntkys.c. While processing a batched message for updating the status of huntkeys, an unknown value was found in the data passed to the RTupdhntkys() function. The first data dump contains the contents of the RSTMSUKEY structure that was passed. Study the stack frame dump to gain further insight into this assert.

752. RTUPER1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTuclprmt.c. In the RTbuclpt() function, during an attempt to unconditionally

preempt a B-channel port, an invalid B-channel was obtained from the business and residential custom services data block (BRCSDB). The first data dump contains the invalid value. Study the stack frame dump to gain further insight into this assert.

753. RTUPER2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTprims/RTuclprmt.c. In the RTbuclpt() function, during an attempt to unconditionally preempt a B-channel, an invalid return was received from the DAfdapc() primitive when attempting to obtain the process's process control block link area (PCBLA) from the known D-channel application linkage block (DALB); or no link was found between the DALB and any PCBLA, but the B-channel was not a shared directory number (SHDN) associated port.

The first data dump contains the return value from the DAfdapc() primitive or the contents of the business and residential custom services data block (BRCSDB). Study the stack frame dump to gain further insight into this assert.

754. RTUIOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTupisat.c. During the attempt to update the status of an integrated services attendant (ISAT) multiline hunt group (MLHG) member, the member was out of range.

The first data dump contains the MLHG global data area. The second data dump contains the terminating data block structure from the MGRT_GEN message. Study the stack frame dump to gain further insight into this assert.

755. RTUPLAMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTmain/RTup_lamps.c. During an attempt to update an attendant control of facilities (ACOF) or night service lamp, an error return code was received from the ISfbutstat() function.

The first data dump contains the contents of the MGDSTLMP message received by the RTup_lamps() function. The second data dump contains the terminal equipment data block (TEDB) ID, and the third data dump contains the return from the ISfbutstat() function. Study the stack frame dump to gain further insight into this assert.

756. RTUPUCBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTstatus/RTupistucd.c. During an attempt to update the out of service (OOS) flag for an integrated services attendant (ISAT) uniform call distribution (UCD) multiline hunt group (MLHG) member, an invalid status type was passed as an argument to the RTupistucd() function.

The first data dump contains the invalid status. The second data dump contains the group global data block and the third data dump contains the multi-line hunt group (MLHG) global data area. Study the stack frame dump to gain further insight into this assert.

757. RTWBTBLOCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rLWBTBLOCK tuple with the given key cannot be found in the static database. The tuple is missing or the key used to access the tuple is invalid.

Data Structures:

RLWBTBLOCK. Key field: GRPNUM, TBLOCK.

Action:

This is a database inconsistency that can only be corrected by manual action.

758. RT_WRONGMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was fired in the RTcuspsmsg() function, the message handling routine of the routing and terminal allocation (RTA) cyclic update system process. The RTcuspsmsg() function received the wrong message type. The received message header is dumped.

759. RTWRONG_RET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from the OSWGETMSG() macro. An operating system (OS) message was expected. The RTcuspsmsg() function (the message handling routine) originates this assert. The OSWGETMSG() macro return value is dumped. No audits were scheduled.

760. RTWSFCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: WSFCORRAL	Audit Mode: elev

Problem:

A failure occurred in getting an open entry in the wideband (WB) simulated facilities group (SFG) corral array RTwsfcorral[] to store SFG members. Since there should have been enough RTwsfcorral[] entries for the WB call, this problem should never occur. A linkage problem may exist in the WB SFG corral. The first data dump contains the SFG data. An audit will be scheduled to clean up the problem.

761. RTWSFSV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An exception occurred in rta/RTGbrcs/RTwsfsave.c. During the population of the MGWSFSAVE message, the input call ID argument contained an out of range value. This might be a system problem in message sending. The first data dump contains the call ID value. Study the stack frame dump to gain further insight into this problem.

Range: si**1. BADDTRG (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A trigger function was called from data delivery (DD) with an invalid access key (acckey).

2. DDBADCASE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected case was encountered in a switch statement in data delivery (DD) code.

3. DDBADNCT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistent dynamic data was encountered. The logical link map is updated by communication link fault recovery.

4. DDBADOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return value was received from the operating system. The invalid return was from an operating system for distributed switching (OSDS) primitive.

5. DDBADTIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not create a cyclic timer for the data delivery (DD) process.

6. DDBADTRIG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range parameter was encountered, or an unexpected data delivery (DD) trigger flag was set.

7. DDCPMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was sent to the AM data delivery (DD) process.

8. DDCPSTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected stimulus was sent to the AM data delivery (DD) process.

9. DDIMCTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid data delivery (DD) message was received in the SM; the message was ignored. The communication time slot (CTS) numbers from the input message do not match the CTS numbers from the SM hardware.

The DD data in the AM is corrupted and an AM initialization is required, the AM relation RLMODATT (which is used to initialize the data) is invalid, or the CTS hardware switches are set incorrectly. Repeated reports of this problem could indicate a pseudo-isolated SM.

10. DDIMMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid data delivery (DD) message was received in the SM; the message was ignored. The default case of a switch for the physical link was encountered. The link map indicates an invalid physical link for this input message. Repeated reports of this problem could indicate a pseudo-isolated SM.

11. DDIMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was sent to the SM data delivery (DD) process.

12. DDIMSTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected stimulus was sent to the SM data delivery (DD) process.

13. DDREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range parameter was received from the operating system. An invalid initialization reason was passed to the data delivery (DD) system process.

14. DTFETE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An end-to-end failure occurred for the packet interface (PI) in data transport (DT).

15. DTWRTErr (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DTWRITE() macro return value was not DTSUCCESS.

16. FLOW_ERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal inconsistency was detected within a function.

17. GRINVLPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During generic retrofit/update, the active side (that is, the new software release) tried to obtain the active port type for a stable call; the value obtained was invalid.

18. GRMATEFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During generic retrofit/update, the active side (that is, the new software release) attempted to condition the mate memory for moving an instruction buffer to the mate side; the attempt failed.

19. GRMATESTP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During generic retrofit/update, the active side (that is, the new software release) asked the mate side to do data tracing for some call-related data. The mate was expected to stop in a specified time, but it did not. As a result, the mate was forced to stop by the active side.

20. GRTRCFail (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During generic retrofit/update, the active side (that is, the new software release) asked the mate side to do data tracing for some call-related data; but the trace was unsuccessful.

21. IMABDCASE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hard coded parameter was received as the default case in a switch statement. Possibly, text was corrupted or a wild transfer occurred.

22. IMABDHST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the CMP's differential history and the state of communication over the link. The differential history table is dumped.

23. IMACDQMRCVY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor detected a stuck incoming call queue. The ACmtq() "drain queue" primitive was invoked and successfully completed its task.

24. IMAEBIT2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Excessive E-bit continuity failures were reported by the SMs. A demand unit status audit was requested.

25. IMAETEIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to initialize end-to-end communication check data in the operational kernel process (OKP) was passed a nonoperational SM number.

26. IMAIMSPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A lack of activity was detected in a process. The application integrity monitor (AIM) requested a purge of this process.

27. IMALCGSSFL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LCGSSMASK	Audit Mode: nonseg

Problem:

An inconsistency was detected in the line unit grid summary scan mask. A demand grid summary scan mask audit was requested.

28. IMALCMFL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: LCSMSK	Audit Mode: nonseg

Problem:

An inconsistency was detected in the line concentrator scan masks. A demand scan mask audit was requested.

29. IMALCMUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistent return values were sent between the Cllcmask() and Sllcmask() line concentrator scan mask update functions.

30. IMAMRASPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor requested a purge of a maintenance request administration (MRA) terminal process. An unconditional module processor restore took too long, or something else was running when an unconditional restore was requested while the SM was isolated.

31. IMAOCNUTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control failed to escalate the level of real-time overload when a priority level 1 lockout condition was detected by the integrity monitor.

32. IMAPBMFL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: SCNMSK	Audit Mode: nonseg

Problem:

An inconsistency was detected in the peripheral interface control bus (PICB) scan masks. A demand PICB scan mask audit was requested.

33. IMAPBMUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistent return values were sent between the CImask() and SImask() peripheral interface control bus (PICB) scan mask update functions.

34. IMAPCDSP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A lack of periodic dispatching was detected for a critical system process (that is, the process stopped running when it should be running). A single process purge of the process was requested.

User data will contain the following information:

1. Purging process number (unsigned short)
2. Current dispatch count for the process being dispatch (unsigned long)
3. Accumulation of the process dispatch counts each time the process dispatch histogram is restarted (unsigned long)
4. Last look of the process dispatch counts (unsigned long)

35. IMAPMPFL (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A lack of forward progress was detected in pump control (PUCR) processes while one or more SMs were in the pump state. A purge of the fast pump facility handler system process (via the AUASTRC audit) and the PUCR process (via the application integrity monitor [AIM]) was requested.

36. IMAPMPIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to initialize pump monitor data had an invalid pump type parameter.

37. IMARCTRG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recent change trigger to initialize end-to-end communication check data had an invalid reason parameter for the module attribute.

38. IMARTSPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A process was causing a real time bottleneck by blocking out lower priority processes for a long period of time. A purge of this process was requested.

39. IMASACP0 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data delivery key DDRSMSACP had the value DDALLOW; although, the office data indicates that it should have the value DDINHIBIT.

40. IMASACP1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data delivery key DDRSMSACP had the value DDINHIBIT; although, the office data indicates that it should have the value DDALLOW.

41. IMASTCRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An integrity monitor process was created with an unknown reason.

42. IMASTDBRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database recent change terminal process (DBrc) in the CMP exceeded a preliminary real-time segment allocation. DBrc is not purged. There is an upper limit for a real-time segment at which DBrc WILL get purged.

Note the RC/V view or form where this error occurred, the operation performed, and the data associated with the view or form. Send all occurrences of this assert to the product engineering control center (PECC) for analysis.

43. IMASTIMG (5E14 and later)

Recovery Action: spp	SPP: y	Audit: TCB	Audit Mode: nonseg

Problem:

The integrity monitor tight loop detector found a lack of periodic entry to the integrity monitor process at background.

44. IMASTIMG (5E11 to 5E13)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor tight loop detector found a lack of periodic entry to the integrity monitor process at background.

45. IMASTLCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor tight loop detector progress counter contained an illegal value (wild write).

46. IMASTLFEX (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A resource failure occurred; too few rIBUFMSG tuples were available.

47. IMASTMFEX (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor requested a purge of a process that owned too many rIBUFMSG tuples.

48. IMASTSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor tight loop detector found a stuck process. A single process purge was requested.

49. IMBADRSCTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error occurred in the integrity monitor; an invalid resource type was passed to a function.

50. IMBD_DQLNK_MSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DQLNK level 3 message was received from a process other than the integrity monitor process.

Probable Cause:

Some process other than the integrity monitor process is sending MGSICOMCHK messages or the message is

getting mutilated.

action:

No action is required. Software will correct the problem but the assert number, mnemonic, and any associated ROP should be provided to field support so that the problem can be resolved. The DQLNK level 3 message that was received incorrectly will be dumped.

51. IMBSSWP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor found that write protect was left off a section of write protected BSS.

52. IMDACHKRSC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A particular application is trying to access a data structure that does not exist in this SM. The primitive DAghxxyy() (get head) or DAgtxxyy() (get tail) was invoked and found that the idle list contained no member tuples. These primitives invoked the IMda_ntfy() function to apply overload controls on the resource trying to be accessed; however, IMda_ntfy() found that the resource does not exist on the SM.

The function trace indicates the application code that called DAghxxyy() or DAgtxxyy(). The application code should be investigated to find out why it was trying to access this resource.

53. IMINV_CMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An SM detected invalid data that pertains to the CMP logical link map (LLM).

54. IMODDWP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor found that write protect was left off a section of office dependent data (ODD).

55. IMQMBDFRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operational kernel process (OKP) integrity monitor detected a fault when reading the static relation RLCTINFO. Insufficient resources exist to complete the transaction, or an internal database error occurred.

56. IMQMCLLTQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCCALLTQ	Audit Mode: elev

Problem:

The automated call distribution (ACD) queue integrity monitor suspected that an ACD call queue may be stagnant. The HCCALLTQ audit is scheduled to investigate.

The acdfail structure is an array of 4 shorts (two words) that appear at the beginning of the stack dump. The first two shorts are common to all error types, where q_num is the call queue being visited and error is the type of error (see below). The third and fourth short are described below for each error.

The stack dump prints in reverse order; that is, the numbers are written hhggffee ddcbbbaa and must be rewritten as aabbccdd eeffgghh. For example, if the stack dump reads 01003c0007007400 rewrite the dump as 00740007 003c0001 where:

qnum = 74 (hex)
 error number = 7
 servtm = 3c (hex)
 info = 1 (this translates to the number logged in)

Error No. 1: The call_type attribute in the RLHCCALLTQ relation should be 0 for unequipped queues and the queue number for equipped queues. In the stack dump, servtm is 0 and info is the call_type attribute of the RLHCCALLTQ relation.

Error No. 2: The service objective must be between 1 and 600 seconds. In the stack dump, servtm is 0 and info is the service objective.

Error No. 3: Attempted to read the RLCTINFO relation to find the serving team for the stuck call queue. Could not read the tuple. In the stack dump, servtm is 0 and info is 0.

Error No. 4: The key to the RLHCSESVTM relation is checked. In the stack dump, servtm is the serv_tm attribute from the RLHCSESVTM relation, and info is the serv_tm attribute from the RLCTINFO relation.

Error No. 5: The ACmtq() function did not completely assign available operators to calls on the queue. In the stack dump, servtm is the serv_tm attribute from the RLHCSESVTM relation, and info is the service objective.

Error No. 6: The ACmtq() function successfully corrected the stuck call queue situation and logged in operators. In the stack dump, servtm is the serv_tm attribute from the RLHCSESVTM relation, and info is the service objective.

Error No. 7: The queue is not progressing. There are no available operators, but there should be enough operators logged in to meet the service objective as specified in the RLHCCALLTQ relation. In the stack dump, servtm is the serv_tm attribute from the RLHCSESVTM relation, and info is the num_login value.

Error No. 8: The num_login field in the RLHCSESVTM relation is checked. In the stack dump, servtm is the serv_tm attribute from the RLHCSESVTM relation, and info is the num_login value.

57. IMQMSRVTM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: HCSERVTM	Audit Mode: elev

Problem:

The integrity monitor suspects that an automatic call distribution (ACD) serving team is stagnant. The HCSERVTM audit will be scheduled to investigate.

58. IMRSCFEX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No associated process blocks (APBs) were using too many rBUFMSG tuples.

59. IMRSCRCVY (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor requested a purge of processes that have not released resources.

60. IMSPPRUNPROC (5E14 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

This is a general purpose assert used to purge the currently running process specified by OSrunning.

61. IMTITELPW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This error code indicates that a process is being flagged by the integrity monitor tight-loop detector for using an excessive amount of real-time. If the process continues to use more real-time, it will be purged.

62. INACAERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call to MSinitaca() failed to initialize the RLACA_HSS relation during a SM full or selective initialization.

63. INAIU_ERROR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to complete initialization of the AIU unit in the parallel initialization control table (INit_tbl[]). This will leave the AIU peripheral unit un-initialized.

Probable Cause:

Hardware may be bad. One can find more information from the first stack frame dump and the layout of INit_tbl[]. The stack back trace will also provide some information why it has happened.

Action:

Contact first level of field support.

64. INAIUISPA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to queue up a port conditioning job for an AIU by INaiu_ispajob() function.

Probable Cause:

When SI calls the TM function TMisspajhdr() function to submit an ISPA job for the conditioning of AIU ports, got one of the following error codes:

1. Invalid job request
2. System error

3. Redundant conditioning job request
4. Job queue is full

The exact failure and the unit number can be found from the first stack frame dump.

65. INAIUMTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to transfer the control of all APs to mate COMDAC.

Probable Cause:

After switching the control to mate COMDAC, it's state in RLSMEST tuple is still active minor (SMAMI).

66. INBACTORSLT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization control (ICON) to switch maintenance integrity control (SMICO) message had an invalid result or next action field value. The ICON-SMICO message indicates the result of ICON's initialization actions. Processing of the message is terminated.

67. INBADCR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) passed the wrong creation reason for the intra-cluster status transport (ICST) system process.

68. INBADDDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) read failed in the intra-cluster status transport (ICST) system process. An access key or processor key could be invalid.

69. INBADDDWRITE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data delivery (DD) write failed in the intra-cluster status transport (ICST) system process. Possibly, an access key or processor key is invalid, or invalid data is being written.

70. INBADINPUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system integrity control (SICO) function was called with an invalid input parameter. Retain the stack trace to determine the function and parameter.

71. INBADLOGRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Recent change (RC), redundant (RED), or customer originated recent change (CORC) log files were found during the pump, but a failure occurred while rolling them forward during the initialization.

Probable Cause:

The log files could have been formatted incorrectly, transmission errors during the pump may have corrupted the files, or an error internal to the database manager may have occurred during the roll forward.

Action:

None. Deferred roll forward after the initialization will re-apply any outstanding transactions.

72. INBADMHNUM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad message handler (MH) number is passed to the function.

Probable Cause:

Unknown.

73. INBADOFF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An intra-cluster status transport (ICST) message was received from a processor that does not have a valid remote SM (RSM) offset number. The RLCLIDAT relation may not agree between the two RSMs. Check that the RLCLIDAT relation is the same in both RSMs (sending and receiving).

74. INBADPCRID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An intra-cluster status transport (ICST) message was received from a processor that is not in the same multimodule remote SM (MMRSM).

75. INBADTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system integrity control (SICO) module monitor function was called with an invalid si_type value. Retain the stack back trace to determine the function that was called.

76. INBAIMDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert may be generated in either the AM or SM processor.

AM: The system integrity (SI) operating system for distributed switching (OSDS) presence found AIM's data to be invalid for this DAP's sequence state. Forward progress is allowed past INsynch().

SM: INmode has an invalid value or corruption of data has occurred. This is a serious problem, since INmode will not be automatically corrected to its proper value. Investigate and correct as soon as possible. Forward progress is allowed past INsynch().

77. INBCHKIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) process synchronization check-in counter overflowed.

78. INDBGS5CAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INbgs5() function was called in the operational kernel process (OKP). This function should not be called in OKP for Release 1. Processing continues.

79. INBDFREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The duplex failure reason used to request an AM initialization was not within the valid range of values. The program will return without processing the initialization that was requested because of a duplex failure of AM peripheral hardware.

80. INBDPTNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port name was encountered during a full or selective initialization.

81. INBINSYNCH (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

INsynch() was called with an invalid input parameter.

82. INBLOCALVAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal variable that is used to track the switch maintenance integrity control (SMICO) to initialization control (ICON) interface message state was out of range. The variable is set to a valid value dependent on the sequence state, and a timer is re-issued.

83. INBNXTACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization control (ICON) to switch maintenance integrity control (SMICO) message had an invalid next action field value. The ICON-SMICO message indicates the result of ICON's initialization actions. Processing of the message is terminated.

84. INBOSMODE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The IMOSDSMODE variable was an unknown value. The variable is set to normal.

85. INBRSLTFLD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization control (ICON) to switch maintenance integrity control (SMICO) message had an invalid result field value. This field indicates the result of ICON's initialization action. Processing of the message is terminated.

86. INBRTNVAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INbgs7() function received an invalid return value from the SMininit_data() function. The software assumes a "success" return condition, and continues program execution.

87. INBSEQINPUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) sequencer function was called with an invalid input message. The si_type value was invalid.

88. INBSEQU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This kernel process was told to transition to a sequence state that does not apply to the command input request.

89. INBSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance kernel process (SMKP) sequence state was not valid for executing the branch of code associated with this assert. Processing associated with this branch of code is terminated.

90. INBSTEOR TYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization control (ICON) to switch maintenance integrity control (SMICO) message had an invalid si_type and/or sequence state field value. The ICON-SMICO message indicates the result of ICON's initialization actions.

Processing of the message is terminated.

91. INBSTESEQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An initialization control (ICON) to switch maintenance integrity control (SMICO) message had an invalid sequence state value in the phase field.

92. INBTIMEVAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time interval requested for timing switch maintenance integrity control (SMICO) to initialization control (ICON) interface message replies was not within a valid range. The program will return without processing the set timer request.

93. INBTRANS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This kernel process was told to transition to a state that does not apply for this kernel process.

94. INBUNBLOCK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) process was asked to unblock processes through a sequence state that does not apply for this kernel process.

95. INBUNSNDRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) INunblock() function received an error return when trying to send a message.

96. INCCBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to access the channel control block common area (CCBCOM) tuple associated with a channel data block (CHDB) tuple. This assert is for analysis only. The problem will be corrected by routine audits.

97. INCDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to access a circuit data block common area (CDBCOM) tuple. This is a non-escalating assert and is for analysis only. Any problems will be handled by routine audits.

98. INCHDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to access the channel data block (CHDB) tuple. This assert is for analysis only. The problem will be recovered by routine audits.

99. INCLIDAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when reading the static relation RLCLIDAT in the intra-cluster status transport (ICST) system process.

Data Structures:

RLCLIDAT. Key field: cluster ID.

Action:

The RLCLIDAT relation should only be found in the AM and in remote SMs (RSMs). The cluster ID used to access the database is given on the ROP. This should be the cluster ID of the RSM that asserted.

Examine the RLCLIDAT relation for this RSM. The cluster ID key should agree with the office parameter Glcid for that RSM. Correct any discrepancies found.

100. INCPLHDER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize couplers in the SM.

101. INDAGSPLPO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A return other than DBNO_SUCC or DBNULL_SET was received from the dynamic access (DA) subsystem while trying to read the port list.

102. INDBFINER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast insert of a tuple for a high level service circuit (HLSC) failed during circuit initialization.

103. INDBREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database (DB) programs passed an invalid DB reason to the trigger function Slcidattrg(). The valid reasons are update, insert, and delete.

104. INDBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRIGRP	Audit Mode: elev

Problem:

An illegal return value was received from the DBstfst() or DBstnxt() primitive. The PRIGRP audit will run automatically.

105. INDFTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The deferred work router under module integrity control (MICO) received an si_type value that is in range 15, but is not recognized as valid by the INdef_router() function.

106. INECFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Slimpclet() function received an error return from the DBfrdtup() primitive.

107. INECOMBD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INinitsg() function detected a logical mismatch between a unit type and a service group common board.

108. INE_ESC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity control (SICO) escalation routines were called with an unknown input level.

109. INENDFRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal entries were found in a deferred work queue.

110. INEORXPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INidlexpt() function was called with an out-of-range xpt_type parameter.

111. INERACCS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. The FCinaccsdb() function returned failure. The RLACCSDB relation could not be initialized.

112. INERACDI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLACDINFO relation failed.

113. INERACRECORD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLACRECORD relation failed during an SM full initialization.

Probable Cause:

DBfintup failed or the DAathcar primitive that attaches the element to the idle list failed. Exhausted memory may be the underlying cause.

114. INERADB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the idle linked list of analog data blocks (ADBs) during a full or selective initialization of an SM failed.

115. INERAPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was received from the OAINapb() function when initializing associated process blocks (APBs).

116. INERATTDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a full or selective initialization of an SM, a failure was encountered while initializing dynamic data for attendant consoles in the RLISATND and RLAWT relations.

117. INERAUTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. The FCpqsmnit() function returned failure. The pointer data block (PTRDB) or query data block (QRYDB) could not be initialized.

118. INERBCGA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) initialization function AMinbcg() failed to initialize the RLBCLGCNT relation.

119. INERBCLA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) initialization function AMInbcl() failed to initialize the RLBCLLCNT relation.

120. INERBFMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLBUFMSG relation cannot be initialized by the OAINbufmsg() function in the file INsmhli/INcominit.c.

121. INERBLFDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of one or more of the following dynamic relations failed during a full or selective initialization sequence: RLATTH_BLF, RLATTM_BLF, RLRPLY_BLF, RLMODH_BLF, RLMODM_BLF, RLLDATBLF.

122. INERBRCSDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize an idle linked list of business and residential custom services data blocks (BRCSDBs) during full initialization.

123. INERCBDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred when initializing a linked list of idle call build up data blocks (CBDBs) during full or selective initialization.

124. INERCCSSTPDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure was encountered while initializing a linked list of idle rICCSSTPDB tuples during full or selective initialization.

125. INERCLDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was received from the FCincldb() function when initializing call leg data blocks (CLDBs) for business and residential custom services (BRCS) calls.

126. INERCNDA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic message accounting (AMA) initialization function AMincnd() failed to initialize the RLCNDDATA relation.

127. INERCOIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. The OAcndatin() function returned GLFAIL. The RLCOINOT dynamic relation could not be initialized.

128. INERCRECORD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLCRECORD or RLOCRECORD relation failed during an SM full initialization.

129. INERCVST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. The OAcvstinit() function returned GLFAIL because the RLCV_STATE dynamic relation could not be initialized.

130. INERDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure was returned from the Rlindalb() function during an SM full initialization. Failed to properly initialize the RLDALB relation. This could result in an inability to make integrated services digital network (ISDN), operator services position system (OSPS), extended digital subscriber line (EDSL), etc. calls.

131. INERDBCND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization of rIDBCND tuples failed during an SM full or selective initialization.

132. INERDDW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDwrite() function returned failure when called from the INimsc() or INimtc() function.

133. INERDISPDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the idle linked list of display data blocks (DISPDBs) during full initialization.

134. INERE911DB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLE911DB relation failed during SM full initialization.

135. INERGPAX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The GPAX initialization function returned an error to system integrity (SI).

136. INERICRST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the dynamic relation RLICRST or RLICRLGST failed.

137. INERLHBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an SM full initialization, the RTIhbinit() function failed to initialize the line history blocks (LHBs).

138. INERLSCMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the idle linked list of large shared call model data blocks (LSCMDBs) failed during a full or selective initialization.

139. INERLTMSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the dynamic relation RLLTMSTAT during full initialization.

140. INERMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was received from the FCinmdb() function when initializing model data blocks (MDBs) for business and residential custom services (BRCS) calls.

141. INERMDRQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLMDRQ relation failed to initialize during a full initialization of the SM. This failure is not correctable by craft action.

142. INERMSU (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Master scanner unit (MSU) scan points data was not synchronized.

143. INERNS_BILL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLNS_BILL relation failed during an SM selective or full initialization.

144. INERNSDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not insert rINSDB tuples during initialization.

145. INERNS_IDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLNS_IDX relation failed during an SM selective or full initialization.

146. INEROAP (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while initializing one or all of the relations RLLSPDB, RLLTPDB, RLCHNBLK, or RLPKTDB. The OAPs on the failing SM may not be able to communicate with the switch.

147. INEROATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. The OAsminit() function returned failure. The RLTAPOSDB or RLTALLOOPDB relation could not be initialized.

148. INEROSPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INsmhli() or INcominit() function received failure from the OAdatinit() function. The failure return code indicates that an rIPOSDB, rILOOPDB, or rIBUFMSG tuple could not be initialized.

149. INEROTINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. A call to the OAotinit() function returned failure. The data structure OAmtpid could not be initialized.

150. INERPPSAST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the dynamic relation RLPPSAST failed during full initialization.

151. INERQVST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CDinqvst() function returned GLFAIL because the RLQV_STATE dynamic relation could not be initialized.

152. INERSCMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the idle linked list of shared call model data blocks (SCMDBs) during a full or selective initialization.

153. INERSDAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the idle list of speed dial list data blocks (SDAP_SDL) during a full or selective initialization.

154. INERSRV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert was called in INsmhli/INcominit.c. The OAsrvdatin() function returned GLFAIL because the RLSRVOT dynamic relation could not be initialized.

155. INERSTPDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLSTPDB relation failed during an SM selective or full initialization.

156. INERTAGH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when initializing remote SM (RSM) local hunt group data during a full or selective initialization. Routing and terminal allocation (RTA) returned a failure code to system integrity (SI).

157. INERTATDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLATATDB relation failed during an SM full initialization.

158. INERTCPL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTimcplr() function returned an error to system integrity (SI).

159. INERTEDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to initialize the idle link list for terminal equipment data blocks (TEDBs).

160. INERTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure was returned from the Rlnteila() function during an SM full initialization. Failed to properly initialize the RLTEILA relation. This could result in the inability to bring integrated services digital network (ISDN) terminals into service.

161. INERTN_INFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLTN_INFO relation failed during an SM selective or full initialization.

162. INERWCTX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization of the RLVLRL, RLHDS, RLHDD, or RLSUDB tuple failed during a switching module full or selective initialization.

Probable Cause:

DBfintup() or DBfrdtup() failed. Exhausted memory may be the cause.

Action:

None.

163. INESMINT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinit() function returned an error to system integrity (SI).

164. INETMPSI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMimpsinit() function returned an error to system integrity (SI).

165. INEUTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INinitsg() function detected a unit type that is not handled by the software.

166. INFHBADTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a broadcast off-line pump, a SM set up one or more timeslots for the pump that the AM did not request the SM to use. This assert dumps the message that the AM received from the SM that contains the timeslots that the SM is trying to use for this pump.

167. INFHBRMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was not successfully received.

168. INFHBSLOTS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

During an offline pump, an SM selected non-requested time slots for the offline pump.

169. INFHBSMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump facility handler (FPFH) process detected failure while trying to send a message.

170. INFHBSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump facility handler (FPFH) encountered an invalid state for this event.

171. INFHDDFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data delivery (DD) returned failure to the fast pump facility handler (FPFH).

172. INFHNOMATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump facility handler (FPFH) could not match the indicated action field of a message received from the message switch kernel process (MSKP) environment.

173. INFHOSBCAST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected failure was received from the OSBCAST() primitive in the fast pump facility handler (FPFH). The message that is being broadcast to a set of SMs is dumped.

174. INFHSPPAS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Upon return from a single process purge, the fast pump facility handler (FPFH) attempted to send a message. A resource failure occurred after repeated tries, or a failure other than resource failure occurred.

In the data dumped, if the first short of the second long is 0x2710, the pump peripheral controller (PPC) could not be shut down. Subsequent pumps could fail.

175. INFHTSMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message from the fast pump facility handler (FPFH) process in the operational kernel process (OKP). The message buffer is dumped, which provides the message type, message body, and message length. The destination process ID and the OSSENDMSG() macro return value can be obtained from the stack frame or register dumps.

176. INFHUMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump facility handler (FPFH) process received a message of an unknown type.

177. INGR CIRDF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, a call to the CI_rd() function returned failure.

178. INGR CIWRF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, a call to the CI_wr() function returned failure.

179. INGR CKTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, an invalid circuit data type value was obtained.

180. INGRCKTGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to save a stable call during a generic retrofit, a circuit name could not be obtained.

Probable Cause:

Possible hardware growth/degrowth occurred prior to the retrofit and was not evolved to the new generic.

181. INGRCXGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, a circuit index could not be obtained.

Probable Cause:

Possible hardware growth/degrowth has occurred prior to the retrofit and was not evolved to the new generic.

182. INGRDFINUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, an invalid digital facility interface (DFI) number was obtained.

183. INGRDGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, a data block could not be retrieved from the dynamic access (DA) or database (DB) subsystem. This may indicate that some hardware growth or degrowth occurred prior to retrofit that was not evolved to the new software release.

184. INGRDLINK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, two data blocks could not be linked together via the dynamic access (DA) or database (DB) subsystem.

185. INGRINTERNAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, an error occurred in interfacing between functions.

186. INGRNOPIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, the peripheral interface data bus (PIDB) corresponding to a peripheral time slot (PTS) could not be obtained.

187. INGRNOXPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, no closed cross points were found.

188. INGROPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, a call to the OPs96() primitive returned failure.

189. INGRPBGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, a peripheral interface control bus (PICB) could not be obtained.

Probable Cause:

Possible hardware growth/degrowth occurred prior to the retrofit and was not evolved to the new generic.

190. INGRPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, a peripheral control (PC) subsystem function returned a failure code that was not expected.

191. INGRPTGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, a portname could not be obtained.

Probable Cause:

Possible hardware growth/degrowth has occurred prior to the retrofit and was not evolved to the new generic.

192. INGRPXGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during a generic retrofit, a port index could not be obtained.

Probable Cause:

Possible hardware growth/degrowth has occurred prior to the retrofit and was not evolved to the new generic.

193. INGRQMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred when trying to initialize or send a Q.931 message from the retrofit integrated services digital network (ISDN) terminal process.

Probable Cause:

Incorrect dynamic data.

194. INGRTSI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While trying to save a stable call during generic retrofit, a primitive used to read the time slot interchange (TSI) returned a failure code that was unexpected.

195. INGRTSIT1F (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While executing generic retrofit saving stable calls code, the conversion of a time slot interchange (TSI) time slot to a T1 time slot failed.

196. INIDS1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Interprocessor data synchronization (IDS) suffered a nonfatal error.

197. INIDSARGBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data synchronization (IDS) function was called with an invalid or unexpected argument.

198. INIDSBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function was called by interprocessor data synchronization (IDS) that returned an unexpected value.

199. INIDSDTFAILURE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DTREAD() or DTWRITE() macro by interprocessor data synchronization (IDS) returned a value that

indicated failure.

200. INIDSPACKAGE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Interprocessor data synchronization (IDS) detected an inconsistency between the settings of its dynamic data and loaded (or not loaded) package(s).

201. INIDSPTYPEBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Interprocessor data synchronization (IDS) received a port that is to be idled, but the port was of an indeterminate type. That is, the port was not a line or a trunk.

202. INIDSREASONBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to invoke interprocessor data synchronization (IDS) with an unexpected or invalid reason, or the reason for the current invocation of IDS is invalid.

203. INIDTMBW (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated display terminal (IDT) request indicator (INidtactive) shows that there are no IDT requests, even though a new IDT request was received.

204. INIDTMIC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid creation reason was encountered.

205. INIDTMIR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid integrated display terminal (IDT) state was encountered.

206. INIDTMIW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected wakeup reason was encountered.

207. INIDTMPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The running integrated display terminal (IDT) does not match the IDT active state.

208. INIDTSBOS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) operating system (OS) failure occurred.

209. INIDTSBSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMno_links value was invalid.

210. INIDTSEFC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) maxcalls threshold was exceeded.

211. INIDTSICR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) invalid creation reason was encountered.

212. INIDTSIWS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) invalid wakeup stimulus was encountered.

213. INIDTSSMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) non-timer message was encountered.

214. INIDTSUMR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) timer tag was not from this process.

215. INIDTSUPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport terminal (IDT) unknown process state was encountered.

216. INIDTSURC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data transport (IDT) unknown client return code was encountered.

217. INIMNOMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

System integrity control (SICO) sent a TTY initialization message to the wrong SM. Module integrity control (MICO) will ignore this message.

218. ININVMSGTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The intra-cluster status transport (ICST) system process received an invalid message type.

219. ININVSTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid stimulus was sent to the intra-cluster status transport (ICST) system process.

220. INISPARTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Module integrity control (MICO) passed an invalid input parameter to the integrated services port administrator (ISPA) job handler to remove or restore a protocol handler (PH) during an initialization.

221. INISPHTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Module integrity control (MICO) timed out while initializing integrated services digital network (ISDN) ports.

222. INJBTRREQERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either an invalid parameter was passed, or an invalid time state was encountered when a job requested that the INjbt_req() function, log a start or end time operation. This is not a critical error, and no corrective action is necessary.

223. INLINKUSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown use for a given time slot interchange (TSI) link returned from the PCLNK2USE() macro.

224. INLNKPLIERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a failure return code while reading the RLLNK_PLI relation for a tuple that should have existed. The key used to read RLLNK_PLI will be printed.

Data Structures:

RLLNK_PLI.

Action:

The non-existent key was taken from an RLF_VPIDB tuple. The RLF_VPIDB and RLLNK_PLI relations should be examined to determine if the key taken from the RLF_VPIDB tuple is incorrect or if a tuple is missing from the RLLNK_PLI relation.

225. INLTSBDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTinltsbdb() function failed to initialize the RLDLTSBDB relation and returned failure to system integrity (SI). Line time slot bridging (LTSB) customers may experience blockage.

226. INLTSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTinltstat() function failed to initialize the RLLTSBSTAT relation and returned failure to system integrity (SI). Line time slot bridging (LTSB) lines will not be able to originate.

227. INMATATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static relation RLMATATT was read to determine if intra-cluster links existed between two remote SMs (RSMs) in the cluster. A database error occurred while reading the RLMATATT relation.

Data Structures:

RLMATATT. Key field: module number.

Action:

The key to the RLMATATT relation is the module number of a mate to the RSM where the database read error occurred. This number is given on the ROP output. The module number given should be one of the other RSMs in the multimodule RSM.

If the module number given is a member of the multimodule RSM, check the RLMATATT relation to see if a tuple exists for the module number given. If a tuple does not exist, populate a tuple according to the population rules for this relation. If the module number is not a member of the multimodule RSM, check the RLCLIDAT relation and

correct it, if necessary.

228. INMATEFAILTSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the trunk status mapping (TSM) portion of an SM generic retrofit selective initialization, the active module controller/time slot interchange (MCTSI) (the new software release) attempted to condition the mate MCTSI (the old software release) memory prior to moving an instruction buffer to the mate MCTSI side. The attempt failed. Trunk out of service (OOS) statuses will not be mapped in this SM.

229. INMATESTPTSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the trunk status mapping (TSM) portion of an SM generic retrofit selective initialization, the active module controller/time slot interchange (MCTSI) side (the new software release) asked the mate MCTSI side (the old software release) to perform the TSM "gather" operation.

The mate side was expected to stop in a specified amount of time, but it did not. As a result, the mate side was forced to stop by the active side. Trunk out of service (OOS) statuses will not be mapped in this SM. (Note: The timer specification can be found in si/INgrstabc/INgrtsmdefs.h: #define INTSMTIME.)

230. INMBUFTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to the INbuffer(), INprint(), or INmsgina() function. Valid types are defined in the file si/SIbuftypes.h.

231. INMDFRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The INdeferred() or INdfwrk() function encountered errors in the module integrity control (MICO)/system integrity control (SICO) deferred work queue.

232. INMICOST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Module integrity control (MICO) was dispatched with an invalid process number in the SImicost() function.

233. INMODATT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while reading the RLMODATT relation in the AM. The error could be due to an invalid module number (key) or to a database problem. To check the database, use RC/V to determine if the rIMODATT tuple can be retrieved.

234. INMSTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid si-type value was received by the initialization (IN) analysis function. The process that called the print structure is purged.

235. INNS_TN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while initializing the RLNS_TN relation.

236. INOFLDATATSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the trunk status mapping (TSM) portion of an SM generic retrofit selective initialization, the INtsmmap() function detected that failures had been encountered during the gather operation on the module controller/time slot interchange (MCTSI) side with the old software release. No trunk out of service (OOS) statuses were gathered. Trunk OOS statuses will not be mapped in this SM.

237. INOSBDPCBL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

An audit was run on the RLPCBLA relation because errors were found when executing the DAgetpcbla() or DAghdpda() primitive.

238. INOSBDSITYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid si_type value was received from human/machine interface (HM) for a single process purge request from the master control center (MCC).

239. INOSDFBDFRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal system error code was received from a DBfrdtup() primitive call.

240. INOSPSL3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSoindata() function failed. It is called from the INsmhli/INcominit() function. The dynamic data for operator services position system (OSPS) level 3 was not initialized; therefore, level 3 can not be established for OSPS ports.

241. INPCBCOIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

The DAfpcot() primitive returned DBSYS_ERR because the linkage between the RLPCBLA and RLCOINOT relations is corrupt. The elevated audit of the RLPCBLA relation is requested. This assert is used by the system integrity (SI) function INacts_isol() which cleans up the rICOINOT tuple for single process purge.

242. INPHSTATUS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Module integrity control (MICO) tried to condition ports on an unequipped protocol handler (PH), or the PH is in an invalid state.

243. INPICBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to access a peripheral interface control bus (PICB) tuple. No specific action will be taken for recovery by the asserting function. This assert is for analysis only. Routine audits will handle any associated errors.

244. INPIDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to access the RLPIDB relation as a result of calling either the DBstfst() or DBstnxt() functions from the INproc_pidbts() function.

Action:

Collect the assert data associated with this error instance including: the assert header, the stack back trace, and the stack frame dumps and forward them onto the next level of support for analysis.

245. INPORTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the PORTDATA relation failed. This is most likely due to an invalid key being used to read the relation. This assert will only notify that an error has occurred, but will not schedule any recovery action.

246. INPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to access the RLFCPORTTYP relation; no associated rPORTLA tuple exists.

247. INPRIGRP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

The primary rate interface (PRI) group number found in the rPRIGRP and rPRISTAT tuples do not match. The

group number from the rIPRIGRP tuple is used to retrieve the rIPRISTAT tuple. The PRISTAT audit is run.

248. INPRTGRP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An error occurred while reading the RLPORT_GROUP relation.

Probable Cause:

A tuple may be missing or corrupted.

Action:

The PORT_LA audit will be run automatically.

249. INPSUUI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while initializing the RLPSUUI relation.

250. INPTDFRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The deferred work queue pointers were corrupted, or the queue itself was corrupted.

251. INPUQERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call to FCpuqinit() failed to initialize the RLPU_QUEUE and RLPU_ENTRY relations during an SM full or selective initialization. The call to FCpuqinit() is made from INcomoninit().

252. INREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump facility handler (FPFH) system process could not be created.

253. INRETGEN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This is a general system integrity control (SICO) returning assert. Save the ROP output to determine where the error occurred.

254. INRSMCHAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database problem was found when accessing the static relation RLRSCHAN during initialization of the host SM (HSM) time slot interchange (TSI).

255. INRSMNTS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database problem was found when accessing the static relation RLRSMTS during initialization of the host SM (HSM) time slot interchange (TSI).

256. INRTCONFIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data initialization for a remote terminal (RT) connected to an integrated digital carrier unit (IDCU) line unit has failed in the IDCU during a full initialization of the IDCU. The RT number and the IDCU number will be in the failing function stack frame as the rt and lu variables respectively.

257. INRTFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A routing and terminal allocation (RTA) or port status administrator (PSA) function returned failure during initialization (transient clear or stable clear). This is a non-critical error.

258. INSABMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message had an si_type value in the range INRNG19; therefore, the message was routed to the stand-alone transition code. However, the si_type did not match the values in the state transition table. The message is discarded, which should correct the problem. Possibly, .data was corrupted in the SM, which will require an initialization.

259. INSABTIME (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When transitioning out of stand-alone, the time of entry to stand-alone was incorrect. The time was zero (stand-alone was entered without setting the time), or invalid (greater than the current time). The ROP should report a duration of zero time, and no time will be added to the stand-alone usage measurement.

260. INSARTAIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the routing and terminal allocation (RTA) primitive RTinsa(), possibly indicating invalid static data. The RTinsa() primitive may have been called too many times, indicating that excessive multiline hunts groups (MLHG) are associated with the remote SM (RSM) that generated this assert. Recovery options are few, increasing the threshold for the number of calls to RTinsa() may help.

261. INSARTAOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the routing and terminal allocation (RTA) primitive RToutsa(), possibly indicating invalid static data. The RToutsa() primitive may have been called too many times, indicating that excessive multiline hunts groups (MLHGs) are associated with the remote SM (RSM) that generated this assert. Recovery options are few, increasing the threshold for the number of calls to RToutsa() may help.

262. INSASTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inter-processor data synchronization (IDS) check to determine if the remote SM (RSM) is in stand-alone failed because the state variable was invalid. The failing function queues an entry to the stand-alone transition code that should correct the value of the state variable. IDS is told that the RSM is not in stand-alone.

263. INSATRNFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In module integrity control (MICO), a wild write to the Slrsmstate[] array or to the index variable occurred. If the write was to the index, a local variable, the problem will correct itself. If the Slrsmstate[] array was destroyed (in .data), the SM must be re-initialized because write protected memory was destroyed.

264. INSFPTFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

On entry to a system integrity control (SICO) function, a defensive check found that the safe point reason was an unknown type.

265. INSFRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSsfentry() function returned. This function should not return.

266. INSITEDBG0 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is reserved exclusively for debugging field problems. It is only to be used in a TMP being supplied to the field site and is used to dump additional data for debugging purposes. If this assert is seen in an office where a TMP has not been applied, it has been used for something other than its intended purpose, and the system integrity help desk should be notified immediately.

267. INSITEDBG1 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is reserved exclusively for debugging field problems. It is only to be used in a TMP being supplied to the field site and is used to dump additional data for debugging purposes. If this assert is seen in an office where a TMP has not been applied, it has been used for something other than its intended purpose, and the system integrity help desk should be notified immediately.

268. INSITEDBG2 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is reserved exclusively for debugging field problems. It is only to be used in a TMP being supplied to the field site and is used to dump additional data for debugging purposes. If this assert is seen in an office where a TMP has not been applied, it has been used for something other than its intended purpose, and the system integrity help desk should be notified immediately.

269. INSITEDBG3 (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is reserved exclusively for debugging field problems. It is only to be used in a TMP being supplied to the field site and is used to dump additional data for debugging purposes. If this assert is seen in an office where a TMP has not been applied, it has been used for something other than its intended purpose, and the system integrity help desk should be notified immediately.

270. INSMCRERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance critical error occurred.

271. INSMESTREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to access the SMEST tuple associated with a circuit. This assert is for analysis only. The problem will be corrected by routine audits.

Probable Cause:

Invalid circuit name or dynamic data corruption.

Action:

Look for any audit errors and analyze them.

272. INSMIAERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance interrupt administrator initialization failure occurred.

273. INSYNCHTO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SM, the INsynch() function returned from the OSWGETTYPE() macro without getting the specified message type (MGINUMT). The waiting time expired, or there was some other problem in getting the message.

The entry in the INblock[] array is removed for the process that called INsynch(). This ensures that the INunblock() function will not send the MGINUMT message to the system process, as system processes do not normally handle this type of message. No further recovery action is needed, although all system processes are now running and competing with module integrity control (MICO), potentially prolonging the time that the SM initialization is fully completed.

274. INSYNFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) process synchronization table is full.

275. INTRKGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while reading the RLRT_TRKG relation.

Data Structures:

RLRT_TRKG relation.

Action:

None.

276. INTSDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Encountered a problem reading either a rICHDB or rITSDB tuple while quarantining the tuples associated with the time-slots used during selective init with pump.

277. INTSMINTERNAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During transition status mapping, an error occurred when interfacing between functions.

Probable Cause:

Improper arguments were found in the function call.

278. INTYPEFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

On entry to a system integrity control (SICO) function, a defensive check found that the si_type value was an unknown type.

279. INUNITREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure to read the RLUNITDATA static relation.

Probable Cause:

Invalid circuit calculation, ODD inconsistency or DB error.

Action:

Check the consistency of RLUNITDATA.

280. INUNREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Slsicost() function was entered with an unknown reason. This function is the entry point for system integrity control (SICO), the CRAU routine audit process, and the CEAU elevated audit process.

281. INUN_REQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity control (SICO) buffering routines were called with an unknown request.

282. INUNREQTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A buffer of an unknown type was requested.

283. INWPBSSFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The write protected BSS window variable was out of range. Write protect is re-applied to all write protected BSS.

284. INWPODDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The write protected office dependent data (ODD) window variable was out of range. Write protect is re-applied to all ODD.

285. MCCBADIND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid indicator key was passed to the master control center (MCC) page update routines.

286. MCCBADPCR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid processor ID was passed to the master control center (MCC) page update routines.

287. MCCBADPHR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid phrase key was passed to the master control center (MCC) page update routines.

288. MCCBADRSN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The MCUP terminal process was entered with an unexpected reason in the SImccupd() entry function. MCUP should only be created for a single task.

289. MCCBADSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid status was passed between the master control center (MCC) display update routines.

290. MSBDSIMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system integrity (SI) or audits (AU) function received a call return message type from the same SI/AU process in response to an operating system for distributed switching (OSDS) message.

291. MSBDSIRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

System integrity (SI) or audits (AU) received an unknown si_type message type from the same SI/AU process.

292. MSBDSITP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

System integrity (SI) or audits (AU) received an unknown si_type message from another process.

293. OCBADLPHN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical protocol handler (PH) number passed to an overload control for packet switching primitive in the SM is out of range or out of service; or the corresponding physical PH number of the logical PH number passed is

unequipped or unassigned.

294. OCBADPID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid process identification was passed to the OSCNTMSGGS() primitive.

295. OCDDRDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control received an error return from the data delivery (DD) read primitive.

296. OCDDWTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control received an error return from the data delivery (DD) write primitive.

297. OCDTREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DTREAD() macro returned an error code in overload control.

298. OCHMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Human machine interface (HM) returned an error code to overload control.

299. OCMSGID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message ID was not recognized in overload control.

300. OCOSSNDER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned OSELENGTH or OSEPROC.

301. OCOVLDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The real-time overload status returned from the DDREAD() macro is invalid.

302. OCPSSNDER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return status from the PSsendmsg() primitive was not PSSUCCESS or PSRESRCE (resource exhaustion). This assert is used in overload control for packet switching code in the SM.

303. OCRLGETER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In overload control for packet switching in the SM, an error occurred while retrieving a tuple from the database.

304. OCSMDTRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered in the DTREAD() macro in the SM in overload control for packet switching code.

305. OCSMRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control received an error return from the SMddread() primitive.

306. OCUNKSITP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control received an unknown si-type value.

307. SIAUBDMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by a routine or elevated audit process.

308. SIBADUNIT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A unknown unit type was found in a switch statement. The bad unit type will be dumped.

309. SIDDFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DDREAD() or DDWRITE() macro.

310. SIFLASHUPD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The update of the FLASH memory for a peripheral control and timing link (PCT) based peripheral has failed during the initialization of the peripheral.

Probable Cause:

Bad FLASH memory hardware.

Action:

The INit_tbl[] entry for the peripheral will be dumped. The circuit name of the common control (CC) that contains the bad FLASH Memory will be the second short (2 bytes) of the dump. This circuit name can be used with the OP:CONV command to determine the unit that contains the bad FLASH.

311. SIFPSPBADREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump system process in the host SM (HSM) for the remote SM (RSM) fast pump received an invalid startup reason.

312. SIFPTPBADREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast pump terminal process in the host SM (HSM) for the remote SM (RSM) fast pump received an invalid startup reason.

313. SIGLCLOFFSET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Glcl_offset parameter had an invalid offset value. Glcl_offset is populated in a multi-module remote SM (MMRSM) with the cluster ID. It is used to access data for the intra-cluster status transport (ICST) mechanism.

Action:

Using RC/V (or ODBE, if necessary) examine the Glcl_offset parameter for the RSM that asserted to verify that it is populated with the valid offset number ($0 < \text{Glcl\_offset} \leq \text{Glmaxclsz}$).

314. SIIMBDMS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by the integrity monitor system process.

315. SIIMBDMS (5E11 to 5E13)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by the integrity monitor system process.

316. SIIMMSLG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow occurred in the integrity monitor system process.

317. SIIMMSLG (5E11 to 5E13)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow occurred in the integrity monitor system process.

318. SIIMWPINV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor will detect the write protection violation and dump the write protect (WP) addresses as local data. IMwpaddr[] contains starting addresses for all the WPed areas for which WP status is left in invalid state or turned off. IMwpstk[] contains status of WP when the assert is fired.

319. SIINBDMS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by the system integrity control (SICO) or module integrity control (MICO) system process.

320. SIINBDMS (5E11 to 5E13)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by the system integrity control (SICO) or module integrity control (MICO) system process.

321. SIINMSLG (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow occurred in the system integrity control (SICO) or module integrity control (MICO) system process.

322. SIINMSLG (5E11 to 5E13)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow occurred in the system integrity control (SICO) or module integrity control (MICO) system process.

323. SIMGTPCREATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system (OS) failed to create the system integrity memory growth terminal process (MGSI). Retry optional data region (ODR) growth or SM memory growth request later.

324. SIOATYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An undefined overload state enumeration was passed to the OCiptpovld() function for an operator services position system (OSPS) interflow position terminal process.

325. SIOCBDMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown operating system for distributed switching (OSDS) message type was received by the overload system process.

326. SIOCMSLG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message buffer overflow occurred in the overload control system process.

327. SIODSFALL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during operator data synchronization (ODS) for the operator services position system (OSPS). A database (DB) or operating system (OS) primitive failed. ODS is terminated. ODS recovers OSPS data after an AM initialization or a packet switching module (PSM) failure.

328. SIOLIMHOG (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor routine IMlockchk() has timed out on an optional data region (ODR) lock. A process has held the lock for too long. The process holding the lock will be single process purged. The ODR will be returned to the unlocked state.

The data dumped by this assert includes locking information, starting with the ODR whose lock has timed out. If this assert occurs repeatedly, contact field support: a problem may exist with the system integrity subsystem.

329. SIOLINOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Sladdr_olock() was called to lock an optional data region (ODR) with an input address that was out of range.

330. SIOM1 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor attempted to contact the AM in order to upload overload data, but the AM did not respond. The overload data will be lost.

331. SIOM2 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor sent numerous messages to the AM requesting access to the Simon local buffer; however, the buffer was always busy. The overload data on the local processor will be lost.

332. SIOM3 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor could not gain access to the operating system for distributed switching (OSDS) monitor's operation structure. The overload monitor data will be lost.

333. SIOM4 (5E11 to)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor received an abort message from the AM. The overload data will be lost.

334. SIOM5 (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The overload monitor received a wakeup requesting that overload data be processed, but the global data structure indicating the size of the data had not been initialized.

335. SIOMTDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive returned an error code that must be recorded, but was not severe enough for a demand audit of the dynamic relations for the output message queues. The return value and the pointers to the buffers involved are included on the function stack space and in the stack frame output message.

336. SISMESTFL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Updating of SMEST failed for a PH.

Probable Cause:
Data corruption or invalid data.

Action:
Report only.

337. SIWAITER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
System integrity control (SICO) or module integrity control (MICO) received an unknown event from the OSWAIT() macro.

338. SIZAPINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Slzapmem() has been used during a switching module processor (SMP) initialization. Slzapmem() is not intended for use during an SMP initialization.

Action:
Determine under what customer action problem occurred, collect relevant reports and contact next level of support.

339. SIZAPRNGERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An attempt has been made to zap an illegal region of memory. The target region is either below stand alone billing memory or above physically addressable memory.

Probable Cause:
The probable cause is a client subsystem interface with Slzapmem().

Action:
Determine scenario under which problem occurred (such as office dependent data [ODD] growth,) collect all relevant reports, and contact next level of support.

Range: sipp**1. DTPBADEV (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DT was entered with an unknown reason.

2. DTPBADOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DT received bad message from the operating system for distributed switching (OSDS).

3. DTPBADTM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DT received bad timer.

4. DTPI2SMFAIL (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data transport has failed to place a message on the PI→SMP FIFO for reasons other than resource exhaustion. This could result in end-to-end check failures.

5. IMAPCDSP (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A lack of periodic dispatching was detected for a critical system process (that is, the process stopped running when it should be running). A single process purge of the process was requested.

User data will contain the following information:

- (1) Purging process number (unsigned short)
- (2) Current dispatch count for the process being dispatch (unsigned long)
- (3) Unused (unsigned long)
- (4) Last look of the process dispatch counts (unsigned long)

Probable Cause:

Software errors.

Action:

No action required. Software will correct the problem but the assert report and associated data should be provided to customer support.

6. IMASTIMG (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor tight loop detector found a lack of periodic entry to the integrity monitor process at background.

Probable Cause:

Software errors.

Action:

No action required. Process is purged to restart.

7. IMOSMCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system (OS) found out MCB was used up.

8. IMOSPCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system (OS) found out the process control block (PCB) was used up.

9. IMOSSCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system (OS) found out stack control block (SCB) was used up.

10. IMOSTCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system (OS) found out the timer control block (TCB) was used up.

11. IMPASTLCN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Integrity monitor tight loop detector progress counter containing illegal value (wild write) in the PP.

12. IMPASTSPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Integrity monitor tight loop detector in the PP has detected as stuck process requested single process purge.

13. IMPHPURGAMA (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor has detected that the automatic message accounting (AMA) billing process has been found in a stuck state. Either the process is not getting entered regularly or it is not unloading the billing buffer which is determined by the variable (PSkbitems) being greater than 4 messages in the AMA billing buffer.

14. IMPINJTHR (5E14 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor detected that the interject count exceeded the threshold; a system process purge was requested.

15. IMPINJTHR (5E11 to 5E13)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Integrity monitor detected that the interject count exceeded the threshold, selective INIT is requested.

16. IMPRPIAST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This error code indicates that a process is being flagged by the integrity monitor tight-loop detector for using an excessive amount of real-time. If the process continues to use more real-time, it will be purged.

Probable Cause:

Process has exceeded its allotted real-time segment.

Action:

If problem persists, provide data to the next level of support.

17. IMPSPAST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrity monitor tight-loop detector purged a process for using an excessive amount of real-time.

Probable Cause:

Process has exceeded its allotted real-time segment.

Action:

If problem persists, provide data to the next level of support.

18. IMPWPINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Integrity monitor has detected that write protect has been left off a section of write protected BSS in the PP.

19. IMRSCRCVY (5E12 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrity monitor requested a purge of processes that have not released resources.

20. INAUDTEST (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: PCB	Audit Mode: elev

Problem:

Test assert for testing assert/audit interface.

Probable Cause:

Special overwrites performed for test purposes.

Action:

This should not occur in the field. If it does, collect associated ROP output and provide that information to technical support.

21. INDFTYPE (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The deferred work router under peripheral integrity control (PICO) received an si_type value that is in range 15, but is not recognized as valid by the INdef_router() function.

22. INIDSPSSNDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interprocessor data synchronization (IDS) call to PSsndmsg returned a code other than PSRESRCE and PSSUCCESS.

23. INMGBADPARAM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Unsupported requester type, the message will be dumped with the assert.

Probable Cause:

Function passed a parameter which is not yet supported, or function interface not correctly followed.

Action:

Switch personnel should contact local field support with the assert number, mnemonic, and any associated ROP output to resolve the problem. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

24. INMGBADTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid message type passed in to this function.

Probable Cause:

Message ID not defined for use by this function.

Action:

Craft personnel should contact local field support with the assert number, mnemonic, and any associated ROP output to resolve the problem.

25. INMGINVALID (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid parameter or data passed to this function.

Probable Cause:

Called with old or wrong data.

Action:

Craft personnel should contact local field support with the assert number, mnemonic, and any associated ROP output to resolve the problem.

26. INPCPHBC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Out of range block count received from switching module processor (SMP) during protocol handler (PH) pump.

27. INPCPHBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data pump of a protocol handler (PH) was in progress, and a check was made on the progress marker and the progress marker contents was invalid.

28. INPCPHCR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal operating system for distributed switching (OSDS) create reason.

29. INPCPHEP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request for a text pump was received, and a check for an existing data pump was made. The check revealed that the protocol handlers (PHs) needed for a text pump are being used in a data pump.

30. INPCPHIA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The source protocol handler (PH) has sent a setup message to the target PH, and the response from the target PH

was not defined.

31. INPCPHIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PCPH system process in the packet interface (PI) received a timeout and no data pump was in progress: No timer should have been set.

32. INPCPHMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Interface error between pump control and message distribution.

33. INPCPHMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal operating system for distributed switching (OSDS) message received.

34. INPCPHPR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump process illegal pump request received.

35. INPCPHPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PSsendmsg() send error in the packet interface (PI).

36. INPCPHSE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump process internal state/data error.

37. INPCPHTT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal operating system for distributed switching (OSDS) timer tag received.

38. INPPBCHKIN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) process synchronization check-in counter has overflowed.

39. INPPBDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) operating system for distributed switching (OSDS) presence found data to be invalid for this state. function INsynch().

40. INPPBDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown OSDS message type in PICO. Function Slinmain()

41. INPPBINSYN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

INsynch() was called with an input parameter which is completely invalid.

42. INPPBSNDRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) INblock() received an error return when trying to send a message.

43. INPPBUNBLK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) process was asked to unblock processes through a sequence state that does not apply.

44. INPPENDFRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal entries found in deferred work queue.

45. INPPMSGGLG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message buffer overflow in packet integrity controller (PICO) system process.

46. INPPMSTYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad si_type received by INanalysis().

47. INPPICOST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Packet integrity controller (PICO) was dispatched with a bad proc no or bad reason. function Slsp_init().

48. INPPRETGEN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

General packet integrity controller (PICO) returning assert. Save assert output to determine where the error occurred.

49. INPPSYNFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system integrity (SI) process asynchronization table is full.

50. INPPTMOT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Process time out, a process didn't call INsynch, recovery single process purge (SPP) which should cause init to restart if software check inhibits are off.

51. INPPWAITER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown event received by process integrity controller (PICO) from OSWAIT().

52. INPSBADRET (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad return from PSinit().

53. INPSINIT (5E13 and later)

Recovery Action: psinit	SPP: n	Audit: null	Audit Mode: null

Problem:

Test assert for testing the PS Init initialization level.

Probable Cause:

Special overwrites performed for test purposes.

Action:

This should not occur in the field. If it does, collect associated ROP output and provide that information to technical support.

54. OCBADBUFP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal buffer pool has been passed to OCovlvl().

55. OCBADCHTP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal protocol handler (PH) channel type has been found in PSdcdh for a channel passed to OCchtype().

56. OCBADCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) buffer descriptor (BD) overload control found the overload control counts for general purpose BDs on the free list to be out of range. The value of OCgpcnt[OCCH_FREE] will be set to PSTNGPBDs prior to firing this assert.

57. OCBADID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control received a bad message ID in the peripherals.

58. OCBADLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal logical link control block (LLCB) index has been passed to OCovlvl().

59. OCBADOS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal message has been received by overload control system process in OCppmain().

60. OCBADREAS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal operating system for distributed switching (OSDS) reason code has been passed to overload control initialization routines.

61. OCDTRDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert means that overload control in the peripherals received a bad return from a DTREAD.

62. OCDTWERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert means that a bad return was received by overload control in the peripherals from a DTWRITE

63. OCOORLLCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Illegal logical link control block (LLCB) index has been passed to OCbufmtr().

64. OCOORLVL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: BD	Audit Mode: nonseq

Problem:

Out-of-range overload level has been detected in OCbufmtr() and directed audit of AUBD has been requested.

65. OCPIPSSND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error encountered on primitive, PSsendmsg(). Return status was anything other than PSSUCCESS or PSRESRCE (resource exhaustion).

66. OCPREASERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Overload control in the PP got entered because of a wrong reason.

67. SIBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad return value was received from PSsendmsg(). No action will be taken.

68. SIBADTBL (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of frames declared for the data pump table (SldpmpTbl) is too small for the soft switch. Contact the SI PH soft switch expert.

69. SIHSCOVFLW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The array containing PH hash sum check requests has run out of room. The array will be dumped for analysis.

Probable Cause:

The only "valid" way this can happen is if more than SINUMPHTYP different types of PHs were equipped on a single SM.

Action:

The problem should correct itself after the current PH pump request completes.

70. SITYBDEV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The COPP system process detected an invalid output event or timer.

71. SITYBDMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unknown message type was received by the COPP system process.

72. SITYRERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The COPP system process received an illegal operating system (OS) create reason.

73. SITYRESET (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TTY output message queue pointers are out of range or pointing at an invalid message.

74. SITYRESET (5E11 to 5E12)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The TTY output message queue pointers are out of range or pointing at an invalid message.

Range: smim**1. SM2KACC_FLT (5E12 and later)**

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to continue with initialization (after setting MINMODE) in which ACCESS FAULT occurred. The opcode at the beginning of the instruction which caused the access fault was NOT located or found in the table SMopc_intbl[].

Action:

NOTE: The table SMopc_intbl[] does NOT contain all opcodes. This implies that SMopc_intbl[] needs to be updated to include the opcode and the length of the instruction.

The SM will NOT be permitted to successfully initialize until this problem is fixed or the original problem which caused the access fault is fixed.

2. SM2KMMUERR (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to initialize the MC68040's memory management unit (MMU), the initialization software detected an inconsistency in the generated MMU translation table. Either a B-level descriptor overwrote a C-level descriptor and/or the MMU TT (SMmmutt[]) size is not adequate. This is a critical error because the processor will not function in the operating system for distributed switching (OSDS) environment without the MMU TT being properly initialized. This probably represents a problem of some sort with the disk image, as the MMU TT initialization is independent of actual memory use and equipage. The SM will not be permitted to successfully initialize until this problem is fixed.

3. SM2MH_CMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module processor (SMP) failed to send maintenance message using OSSENDMH() to a message handler (MH) during mate module controller/time slot interchange (MCTSI) restoration. The failure was due either to

- (1) the MH number is out of range,
- (2) the MH is unequipped or
- (3) the size of the message being sent exceed the maximum supported text size for standard messages.

Action:

No action is required; the restoration gets aborted and the mate MCTSI is automatically removed from service. If the MH number is out of range then the office-dependent data (ODD) is broken, and needs to be fixed by craft or maintenance personnel.

4. SM2MH_HSHE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switching module processor (SMP) failed to send maintenance message using OSSENDMH() to a message

handler (MH) during routine hashsum checking.

Probable Cause:

The failure was due either to (1) the MH number is out of range, (2) the MH is unequipped or (3) the size of the message being sent exceeds the maximum supported text size for standard messages.

Action:

No action is required; hashsum checking for this MH is aborted. If the assert occurs regularly the ODD should be checked by maintenance personnel.

5. SMABTREQ (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: SMXRF	Audit Mode: elev

Problem:

A craft request to abort a maintenance request administrator (MRA) process calls this assert. The assert should purge the process indicated in the third parameter and return to the calling program.

6. SMACTFLD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the action option field.

7. SMACTSPRFL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

RLACTSPR read failure in SMchkspr() for ISLU2 sparing.

8. SMALLNOTDONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMhwck() function, the inhibit or allow of all processing was not completed. An invalid return was received from the SMiainh() or SMiaallpr() function.

9. SMASDFRA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default case in a switch statement was encountered; an invalid recovery action was passed to the SMprdfra() function.

10. SMATDISERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic timeslot switching (AUTISS) was disabled in this SM when it should have been enabled.

11. SMATENERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic timeslot switching (AUTISS) was enabled in this SM when it should have been disabled.

12. SMATHWCONFIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Automatic timeslot switching (AUTISS) fault recovery (FR) found an error in the timeslot interchange (TSI) data or timing selects.

13. SMATONLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic timeslot switching (AUTISS) online functional check encountered an unstable condition.

14. SMATRMVTSI (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Online checking of the automatic timeslot switching (AUTISS) circuits found a problem. AUTISS fault recovery will remove a module controller/timeslot interchange (MCTSI) side if the error could be associated with a single MCTSI side. If both MCTSI sides have the same error, no automatic fault recovery action will occur.

15. SMATRMVTSI (5E11 to 5E13)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A module controller/timeslot interchange (MCTSI) was removed by automatic timeslot switching (AUTISS) fault recovery.

16. SMAUTOINHERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMhwck() function, the data delivery bits DDRAHWCK and DDRMHWCK are in an invalid state during an automatic inhibit of all hardware error checks.

17. SMBAD1DBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad database return due to database OR data problem. This assert is used to flag an internal error and dump data so that the cause of the error can be investigated by local field support and a software developer.

Action:

Notify local field support of this problem so that it can be investigated and corrected. No other corrective actions can be taken asserts time.

18. SMBAD2DBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad database return due to database OR data problem. This assert is used to flag an internal error and dump data so that the cause of the error can be investigated by local field support and a software developer.

Action:

Notify local field support of this problem so that it can be investigated and corrected. No other corrective actions can be taken at this time.

19. SMBAD3DBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad database return due to database OR data problem. This assert is used to flag an internal error and dump data so that the cause of the error can be investigated by local field support and a software developer.

Action:

Notify local field support of this problem so that it can be investigated and corrected. No other corrective actions can be taken at this time.

20. SMBADACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function received an invalid action parameter.

21. SMBADCISCAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Control interface (CI) scan sent a data value to digital carrier line unit (DCLU) peripheral fault recovery (PFR) that is not used. The data sent was "DFNULL (=0)" which indicates an internal digital facility interface (DFI) inconsistency.

22. SMBADDBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad database (DB) return in function SMprms.

23. SMBAD_DX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMpebuf_num() or SMparbuf() was called with an out-of-range DX number. The function returned early and took no actions.

24. SMBADECPICMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid enhanced central processor intervention (ECPI) command was received.

25. SMBAD_ENTRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function SMparbuf() was called with an out-of-range entry number to read from the parity error buffer. SMparbuf() will return without reading the buffer.

26. SMBADFLTTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid fault type was passed to a switch maintenance for the SM (SMIM) unit-dependent fault recovery function.

27. SMBADFUMODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor intervention (CPI) polling process has received a request to begin a time multiplexed switch (TMS) fabric update. However, the portion of the message identifying the network link interface (NLI) sublinks that are to be updated is invalid. This is an informational assert, the fabric update will proceed as if both sublinks were requested.

28. SMBADHWCGIMG (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization time check on SMhwcg_img table fail.

Probable Cause:

Missing entry found in SMhwcg_img array.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and contact the next level of support with collected data.

29. SMBADHWCGMXCH (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization time check on SMhwcg_mxch table fail.

Probable Cause:

Missing entry found in SMhwcg_mxch array.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and contact the next level of support with collected data.

30. SMBADINPUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A peripheral fault recovery function received invalid input information.

31. SMBADMCSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hardware state for the module controller/time slot interchange (MCTSI) was detected.

- If the asserting function is SMmtckact(), the module processor update bus was found to be enabled while the MCTSIs were simplex. Prior to asserting, the update bus was turned off.

- If the asserting function is SMfr_mctsi(), SMswtch(), or SMstby_sw(), the reset counter was found to be nonzero when it should be zero. Prior to asserting, the reset counter was zeroed.

32. SMBADMRA_ACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMcpipol() function received an invalid message type in a reply message from the maintenance request administrator (MRA). The SMcpipol() function requests switch actions based on central processor intervention (CPI) information.

33. SMBADMSGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral fault recovery system process received a message with an invalid message type. The message is printed with the assert history data.

34. SMBADPAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad parameter was passed to switch maintenance for the switching module (SMIM) integrated services line unit (ISLU) code.

35. SMBADQPIPEODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to assign or unassign a quad-link packet switch (QLPS) message handler pipe failed.

Probable Cause:

The network 0 and network 1 message handler pipes for a given SM were not assigned or unassigned consecutively. Refer to 235-105-210, Routine Operations and Maintenance Procedures, for information on the growth and degrowth of QLPS message handler (MH) pipes.

Action:

Continue with the assignment or unassignment of the mate-network pipe of the last endpoint successfully entered.

36. SMBAD RDFI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid remote digital facility interface (RDFI) was passed to the SMrcrmv() function from the SMrdfrmv() function in the file smim/SMrsmrli/SMrsmmra.c. This code removes a control channel-carrying RDFI. Also RDFI RMV will fail with an "INTERNAL DATA TROUBLE" indication.

37. SMBAD SDFISEL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A control order failure occurred when accessing a subscriber digital facility interface (S-DFI). The S-DFI that was indicated is invalid.

38. SMBAD_SP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid signal processor (SP) number was passed either to SMiaspf() (the first parameter) or SMmcrf_spff() (the data register %d3). Either it was out of range or the time slot interchanger (TSI) board corresponding to the absolute SP number was not operational. Neither function modified any registers.

39. SMBADSPUSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMck_use() has encountered a type of time slot interchanger (TSI) link that it does not recognize or support. The supported link usages are as follows:

VALUE	ENUM	USE
0	TS_NO_TSI	no equipped TSI (time slot interchanger) board
1	TS_UNEQ	unequipped TSI links
2	TS_NLI	NLI (network link interface)
3	TS_DX	DX (data expansion)
4	TS_MCP	MCP (messaging, central processor intervention, and pump)

Probable Cause:

Software has not been updated to support a new TSI link type or corrupted data in the PClnk2use[] global array.

Action:

Verify the usage of the TSI links and correct as necessary. First determine the bad usage value. The TSI link number provided in the assert can be used as a key to the RLLNK_USE relation and to index into the PClnk2use[] array. The steps to resolve this problem are: sp 1) If value of the 'use' attribute in RLLNK_USE for this TSI link is not in db/DMlnk_use.h, then the database was corrupted somehow and must be corrected, probably using ODBE.

2) If the usage is not one of those listed above as a supported use then the problem is missing software and technical assistance is required.

3) Dump the contents of PClnk2use[] for that link and verify that it matches the contents of RLLNK_USE for that link. If it does not match, then PClnk2use[] has been corrupted and must be corrected by overwriting it, because the software cannot normally write to that data.

40. SMBADTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer was received by a switch maintenance for the SM (SMIM) process, but the timer did not belong to that process (as determined by the timer's "tag").

41. SMBADTRCU3SU (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error occurred when attempting to set up the path from the timeslot interchanger (TSI) to a transmission rate converter unit model 3 (TRCU3).

Probable Cause:

Possible stack corruption or a software error.

Action:

If this assert only occurs once, then it was apparently caused by a stack corruption problem that has since been repaired. If it occurs repeatedly, provide data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

42. SMBADUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit type was found. Invalid data may have been passed, or an invalid hardware address may have been accessed by previous software.

43. SMBADUTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit type was encountered on a database (DB) return from the RLCKTDATA relation.

44. SMBDCAST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A mismatch has been found and corrected between the state of the processor's external cache hardware and it's associated software.

Probable Cause:

Software bug.

Action:

None

45. SMBDLNKGPR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddlehdr() function passed an invalid link group number.

46. SMBDSHLFDTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ICR and/or SCCP data tables were not pumped for all CCS PH3s and higher for which the Sldatpstat array was set due to the data table not being ready at the time of the shelf restoration. A dump of Sldatpstat[] is included for analysis. All these PHs have their data in a degraded state. This problem needs investigation since it can result in a C7 outage due to missing ICR tables and no global title translation will be possible due to missing SCCP tables on the global SM.

47. SMBGNTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) begin transaction failure occurred in the operating system for distributed switching in the AM (OSDS-C).

48. SMBGSELMT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network link interface (NLI) background select check audit [SMnl_ifsel_chk()] has found one or more NLIs or peripheral link interfaces (PLIs) that have either been taking control from the non-active module controller/time slot interchange (MCTSI) or that had to have their selects programmed incorrectly (inverted) to prevent them from taking control from the non-active MCTSI. The error observed indicates that the non-active MCTSI is outputting the incorrect select signal to the NLI/PLI(s). This error has been present for at least five minutes and the NLI/PLI has remained error-free for that time; however, this does represent a latent error that could surface if the standby MCTSI were removed from service. Therefore, the standby MCTSI will be removed from service, if the MCTSIs are currently duplex, and scheduled to be conditionally restored.

In conjunction with this assert, the SMnl_bgtab_indx array will be dumped to indicate the particular error that was observed and the SMnl_esrs array will also be dumped to identify the NLIs/PLIs' select lead settings.

Action:

None. The MCTSI has been scheduled for diagnostics which should fail. Fix the problem by replacing the packs on the diagnostic's trouble locating procedure (TLP) list. If the MCTSIs are simplex (and the diagnostic was therefore not run), this assert was to identify that a problem has been observed. The NLI/PLI is currently error-free so no action is required.

49. SMBGSELMT (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network link interface (NLI) background select check audit [SMnl_ifsel_chk()] has found one (or more) NLI(s) that have either been taking control from the non-active module controller/time slot interchange (MCTSI) or that had to have their selects programmed incorrectly to prevent them from taking control from the non-active MCTSI. The error observed indicates that the non-active MCTSI is outputting the incorrect select signal to the NLI(s). This error has been present for at least five minutes and the NLI has remained error-free for that time; however, this does represent a latent error that could surface if the standby MCTSI were removed from service. Therefore, the standby

MCTSI will be removed from service, if the MCTSIs are currently duplex, and scheduled to be conditionally restored.

In conjunction with this assert, the SMnl_bgtab_idx array will be dumped to indicate the particular error that was observed and the SMnl_esrs array will also be dumped to identify the NLIs' select lead settings.

Action:

None. The MCTSI has been scheduled for diagnostics which should fail. Fix the problem by replacing the packs on the diagnostic's trouble locating procedure (TLP) list. If the MCTSIs are simplex (and the diagnostic was therefore not run), this assert has to identify that a problem has been observed. The NLI is currently error-free so no action is required.

50. SMBGSELNLI (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network link interface/peripheral link interface (NLI/PLI) background select check audit [SMnl_ifsel_chk()] has found one or more NLIs/PLIs that have either been taking control from the non-active module controller/time slot interchange 9MCTSI) or that had to have their selects programmed incorrectly (inverted) to prevent them from taking control from the non-active MCTSI. This error has been present for at least five minutes and the NLI/PLI has remained error-free for that time; however, this does represent a latent error that could surface if the MCTSIs were simplexed. Therefore, the faulty NLI (only one if multiple errors were found) or peripheral associated with the faulty PLI will be removed from service and scheduled to be conditionally restored.

In conjunction with this assert, the SMnl_bgtab_idx array will be dumped to indicate the particular error that was observed and the SMnl_esrs array will also be dumped to identify the NLIs/PLIs' select lead settings.

Action:

None. The NLI/peripheral associated with the PLI has been scheduled for diagnostics which should fail. Fix the problem by replacing the packs on the diagnostic's trouble locating procedure (TLP) list.

51. SMBGSELNLI (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network link interface (NLI) background select check audit [SMnl_ifsel_chk()] has found one (or more) NLI(s) that have either been taking control from the non-active module controller/time slot interchange (MCTSI) or that had to have their selects programmed incorrectly to prevent them from taking control from the non-active MCTSI. This error has been present for at least five minutes and the NLI has remained error-free for that time; however, this does represent a latent error that could surface if the MCTSIs were simplexed. Therefore, the NLI (only one if multiple errors were found) will be removed from service and scheduled to be conditionally restored.

In conjunction with this assert, the SMnl_bgtab_idx array will be dumped to indicate the particular error that was observed and the SMnl_esrs array will also be dumped to identify the NLIs' select lead settings.

Action:

None. The NLI has been scheduled for diagnostics which should fail. Fix the problem by replacing the packs on the diagnostic's trouble locating procedure (TLP) list.

52. SMBGSELOC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network link interface (NLI) background select check audit [SMnl_ifsel_chk()] has found one or more NLIs or

peripheral link interfaces (PLIs) that have either been taking control from the non-active module controller/time slot interchange (MCTSI) or that had to have their selects programmed incorrectly (inverted) to prevent them from taking control from the non-active MCTSI. The error observed indicates that the active MCTSI is outputting the incorrect select signal to the NLI(s). This error has been present for at least five minutes and the NLI/PLI has remained error-free for that time; however, this does represent a latent error that could surface if the standby MCTSI were removed from service. Therefore, the active MCTSI will be removed from service, if the MCTSIs are currently duplex, and scheduled to be conditionally restored.

In conjunction with this assert, the SMnl_bgtab_idx array will be dumped to indicate the particular error that was observed and the SMnl_esrs array will also be dumped to identify the NLIs/PLIs' select lead settings.

Action:

None. The MCTSI has been scheduled for diagnostics which should fail. Fix the problem by replacing the packs on the diagnostic's trouble locating procedure (TLP) list. If the MCTSIs are simplex (and the diagnostic was therefore not run), this assert has to identify that a problem has been observed. The NLI/PLI is currently error-free so no action is required.

53. SMBGSELOC (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The network link interface (NLI) background select check audit [SMnl_ifsel_chk()] has found one (or more) NLI(s) that have either been taking control from the non-active module controller/time slot interchange (MCTSI) or that had to have their selects programmed incorrectly to prevent them from taking control from the non-active MCTSI. The error observed indicates that the active MCTSI is outputting the incorrect select signal to the NLI(s). This error has been present for at least five minutes and the NLI has remained error-free for that time; however, this does represent a latent error that could surface if the standby MCTSI were removed from service. Therefore, the active MCTSI will be removed from service, if the MCTSIs are currently duplex, and scheduled to be conditionally restored.

In conjunction with this assert, the SMnl_bgtab_idx array will be dumped to indicate the particular error that was observed and the SMnl_esrs array will also be dumped to identify the NLIs' select lead settings.

Action:

None. The MCTSI has been scheduled for diagnostics which should fail. Fix the problem by replacing the packs on the diagnostic's trouble locating procedure (TLP) list. If the MCTSIs are simplex (and the diagnostic was therefore not run), this assert has to identify that a problem has been observed. The NLI is currently error-free so no action is required.

54. SMCANTSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed to send a central processor intervention (CPI) generated module processor soft switch request from the SMcpipol() function to the maintenance request administrator (MRA).

55. SMC_CMRLMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-remote SM (RSM) communication links (ICL) link map is inconsistent with CM/ICC protocol.

56. SMC_DBCDFI_MAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsmcdfh() process or the SMdfi() function E bit fault recovery code could not read an rLCDFI_MAP tuple.

57. SMC_DBCLIDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsmcdfh() process could not read an rCLIDAT tuple.

58. SMC_DBMATATT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsmcdfh() process or the SMdfi() function E bit fault recovery code could not read an rIMATATT tuple.

59. SMC_DBSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsmcdfh() process could not read an rISMEST tuple.

60. SMC_DBWSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsmcdfh() process could not update an rISMEST tuple.

61. SMC_DDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was returned from a data delivery primitive call in the communication link digital facility interface handler (CDFH) system process.

62. SMCDFIMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLCDFI_MAP relation in the SMiainit() function.

63. SMC_EVDDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event type was passed to the SMddlevent() function.

64. SMCHDBRSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

The channel data block (CHDB) for one of the remote SM (RSM) communication links is in error. The CHDB is being used by another user, but its process control block link area (PCBLA) is invalid. The CHDB is dumped to help find the cause of the problem, and the CHDB audit is scheduled to correct the problem.

65. SMCIERT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid control interface (CI) error type was returned from the SMprconvt() function. Module control unit fault recovery passed a message with invalid data to peripheral fault recovery. The message is printed in the assert history data.

66. SMC_INITREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link digital facility interface handler (CDFH) system process entry reason was undefined. The process was purged.

67. SMCKTDATFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return from reading the RLCKTDATA relation via the DBfrdtup() function is DBNO_MATCH. The relation may have been accessed with an invalid circuit name.

68. SMCKTINDXNM (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance in the switching module (SMIM) database (DB) read macro returned a DBNO_MATCH when a valid circuit index was expected.

69. SMCKT_NAMENM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance in the switching module (SMIM) database (DB) read macro returned a DBNO_MATCH when a valid circuit name was expected.

70. SMCKTNUMNM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A switch maintenance in the switching module (SMIM) (DB) read macro returned a DBNO_MATCH when a valid unit or service group number was expected.

71. SMCKTRCLK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the RLCKTDATA relation and the remote clock global parameters.

Data Structures:

RLCKTDATA.

Action:

The circuit, ckttype, and the two expected circuit names are dumped. This information will be used to correct the inconsistency in the RLCKTDATA relation.

72. SMCLER10 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM-2000 switching module processor (SMP) resident communication link fault recovery (CLFR) detected an inconsistency between it's version of the number of active communication links (CLNKs) and the message handler's (MH's) version. The MH version is assumed to be correct. The message from the MH is dumped, along with the SMP global variable SMno_links.

73. SMCLER11 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Before processing a communication link (CLNK) request, the CLSP system process audits the maintenance busy/idle status of units in SMmccustat[]. It found a unit that was incorrectly left "busy" by CLSP. The unit's SMmccustat[] entry will be marked "idle".

74. SMCLER12 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link (CLNK) error handler in an SM-2000 switching module processor (SMP) was called with an invalid error type.

75. SMCLERR1 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link ID was encountered in the AM link configuration request.

76. SMCLERR2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SMXRF	Audit Mode: elev

Problem:

There was a request from the AM to remove a link. The link status changed due to communication link (CLNK) fault recovery while messages queued for the link were being transmitted. The link was not removed. The SMmccustat[] array entry for the link is dumped.

77. SMCLERR3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM told the SM to remove the last link. The link was not removed. This is a race condition. To remove the last link, a special message is needed to isolate the SM.

78. SMCLERR4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM requested the start of a third link.

79. SMCLERR5 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link map was encountered in the SM.

80. SMCLERR6 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM-2000 switching module processor (SMP) resident communication link fault recovery (CLFR) either could not send a maintenance (MTCE) message to the message handler (MH) or received a failure response from the MH for an SMP-specified action.

81. SMCLERR7 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link fault recovery (CLFR) primitive SMdet_lk() was passed an illegal communication link (CLNK) identifier in an SM-2000 switching module processor (SMP). This problem is caused by a software coding error.

82. SMCLERR8 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CLSP system process was unable to obtain an operating system for distributed switching (OSDS) cyclic timer during process initialization. CLSP will try again each time it receives a message, until OSDS is able to successfully allocate a timer.

83. SMCLERR9 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM-2000 switching module processor (SMP) resident communication link fault recovery (CLFR) received an invalid message type or action. The invalid message is dumped.

84. SMCLERROR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link fault recovery detected an inconsistency in the link status. Both links are placed in a known state and restarted.

85. SMCLIDATDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLCLIDAT relation in the SMrmclsep() function.

86. SMC_LLATAB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The low level access (LLA) state table was corrupted in the communication link digital facility interface handler (CDFH) system process.

87. SMCLNKNUMINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of ACTIVE CLNKS is greater than the acceptable maximum value of 2.

Probable Cause:

The variable containing the CLNK count has become corrupted.

Action:

Provide data to the next level of support.

88. SMCNBSTE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function found an invalid state in the bas_stat field of an rSMEST tuple.

89. SMCNDB0 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message primitive error occurred.

90. SMCNDB1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function received an invalid return code from the DAclckterr() function when accessing the RLSMPERBLK relation.

91. SMCNDB2 (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There has been an error detected within the SMmcustat array. One of the TMSLNKs is OOS while the parent RLIs are ACT/STBY. This state should not be allowed to persist because it may cause calls to be unnecessarily blocked. The OOS TMSLNK will be updated to active and the parent RLI will be removed and diagnosed.

92. SMCNDB2 (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Currently unused.

93. SMCNDB3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function received an invalid return code from the DAfndckter() or DAfndert() function when accessing the RLSMPERBLK relation.

94. SMCNDB4 (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function received an invalid return code from the DBfrdtup() function when accessing the RLSMEST relation.

95. SMC_NRCLMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A remote communication link (RCL) is marked active in the RLSMEST relation, but it is not in the remote SM (RSM) communication links (ICL) link map.

96. SMC_OSDSRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link digital facility interface handler (CDFH) system process received an unexpected return value from the OSWGETMSG() macro.

97. SMCPIDDWRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A DDWRITE() macro request failed.

98. SMCRBEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request was made to end a critical region when the user did not have one in effect. Another user had a region in effect, or no users had one. The data concerning a possible existing critical region (who had one and what kind it was) is dumped.

99. SMC_RCLMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A remote communication link (RCL) and/or communication facility (CFAC) are marked out of service (OOS) in the RLSMEST relation, but they are listed in the remote SM (RSM) communication links (ICL) link map.

100. SMCRCLOB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global data that indicates the critical region status contained an illegal value.

101. SMCRCOUNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to begin a second critical region was received while a critical region was already in force. Critical region data may be corrupted.

102. SMCREATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OSCREATE() macro failure message was encountered.

103. SMCRELEV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid level parameter was passed to the critical region function SMcrbegin() or SMcrend().

104. SMCRFORE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to enter a critical region from foreground. This is not allowed.

105. SMCRLEVEL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid level parameter was passed to the critical region function SMcrbegin() or SMcrend().

106. SMCRNOBEG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The critical region end routine SMcrend() was called when no critical region was in force. Data the SMcrdata[] global array may have been corrupted.

107. SMCRNULK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to enter a critical region using the null identifier. This is not allowed.

108. SMC_SRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid source field was passed to a function in the communication link digital facility interface handler (CDFH) system process.

109. SMC_TIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem with a low level access (LLA) entry timer was encountered in the communication link digital facility interface handler (CDFH) system process.

110. SMC_UNKMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown message was received by the communication link digital facility interface handler (CDFH) system process.

111. SMDBADERRTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddlehdr() function received an invalid error type. Derived data links (DDL) error types are reported by the XPC-8 device on a remote communication link (RCL).

112. SMDBFLT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the DBfrdtup() function when accessing the RLCKTDATA relation.

113. SMDBFLT1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database access error occurred via the DBfrdtup() function in the SMtusa_cont() function. The returned value is corrupted.

114. SMDBFLT2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database access error occurred via the DBfrdtup() function in the SMtusa_cont() function. The returned value is corrupted.

115. SMDBFLT3 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) access error occurred while trying to read relation rISMPSU.

Probable Cause:

DB may be corrupted.

Action:

Provide data to next level of support.

116. SMDBFLT4 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) access error occurred while trying to read relation rIPSULNK.

Probable Cause:

DB may be corrupted.

Action:

Provide data to next level of support.

117. SMDBFLT5 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) access error occurred while trying to read relation rICKTLNK.

Probable Cause:

DB may be corrupted.

Action:

Provide data to next level of support.

118. SMDBFLT6 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup failed with reason other than tuple not found.

Probable Cause:

The database (DB) may be corrupted.

Action:

Provide data to next level of support.

119. SMD5BP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was passed to the switch maintenance for the SM (SMIM) digital carrier line unit - 5 (DCLU-5) code.

120. SMD5RLSTI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or inconsistent data was found in the digital carrier line unit-5 (DCLU-5) relation RLSTI. The RLSTI relation details the hardware configuration associated with a DCLU-5 switching transmission interface (STI). There must be RLSTI tuples present for both STI halves for each RLCKTDATA STI entry. This problem was caused by incorrect population of the RLSTI and/or RLCKTDATA relations for the STI circuit name specified.

Data Structures:

RLSTI, RLCKTDATA.

The SM number and the STI circuit name are printed. The STI circuit name breaks down as follows: bits 0-3 are the STI number, bit 4 is unused, bits 5-7 are the DCLU-5 number, bits 8-11 are unused, and bits 12-15 are the STI circuit identifier (0x6000).

Action:

The RLSTI relation can be changed through RC/V View DCLU-5 - STIU. Both attributes (RT and digroup for each STI half) must be provided for each STI present in the RLCKTDATA relation.

121. SMD5TIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found between the digital carrier line unit-5 (DCLU-5) transmission interface data bus (TIDB) status table and the associated switching transmission interface (STI) status information. The TIDB status table is a data table used by the DCLU-5 to track the operational state of each TIDB (digroup) associated with a DCLU-5 STI.

The STI status information is obtained from the switch maintenance equipment status table (SMEST) using the circuit name specified. This inconsistency is a result of an incorrect initialization or update of the TIDB status table.

Data Structures:

The SM number and the STI circuit name are printed. The STI circuit name breaks down as follows: bits 0-3 are the STI number, bit 4 is unused, bits 5-7 is the DCLU-5 number, bits 8-11 are unused, and bits 12-15 are the STI circuit identifier (0x6000).

Action:

To recover the TIDB status information for an STI, the STI should be restored to service (RST:DCLU5STI). This action will affect any call traffic in progress on the STI.

122. SMDCCOUNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal or unexpected return code was received as a result of a call to the SMprcount() function to increment a directly connected test unit (DCTU) count. Recovery consists of ignoring the original error report.

123. SMDCERTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incoming error message identifying a directly connected test unit (DCTU) fault had an illegal or unexpected error type. Recovery consists of ignoring the message. The message may be corrupted.

124. SMDCILRCVY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal or unexpected recovery action was detected. Recovery consists of ignoring the original error message.

125. SMDCLFRBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Indexing into the SMs96sgsw() function fault recovery table produced an undefined action.

126. SMDCLIRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maintenance request administrator (MRA) tried to take both digital carrier line unit (DCLU) service groups out of service (OOS).

127. SMDCLNOCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maintenance request administrator (MRA) passed an invalid circuit name parameter to the SMs96sgsw() routine.

128. SMDCLPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maintenance request administrator (MRA) passed an invalid state parameter to the SMs96sgsw() routine.

129. SMDCLPICB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the peripheral interface control bus data relation (RLPICB).

Probable Cause:

This indicates an error in the setting of the keys used to read the RLPICB relation, or the tuple is missing from the RLPICB relation.

Action:

Use ODBE or RC/V to crosscheck the data set for the keys in the relation with the actual key used to access the relation. The actual key used is one byte long and will be printed out as supplementary data for this assert.

130. SMDCLRSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The DBfrdtup() function returned DBNO_MATCH when reading the RLSMEST relation from the SMs96sgsw() function.

131. SMDCLU1PFR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMdclpdba() function was called with an out of range parameter. The list parameter should be 0 or 1.

132. SMDCLUBASE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BASE	Audit Mode: elev

Problem:

The DBfuptup() function returned DBNO_MATCH when updating the RLS96BASE relation from the SMs96sgsw() function.

133. SMDCLUICT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the RLPICB and RLCKTDATA relations for a digital carrier line unit (DCLU).

Data Structures:

RLPICB, RLCKTDATA.

Action:

Fault recovery received a message indicating that a problem was reported on a DCLU peripheral interface control bus (PICB); that is, the unit type in the rPICB tuple is SMDCLU. However, the rLCKTDATA tuple for the circuit name does not have a DCLU circuit type (PCDCLCC, PCDCLM1DFI, or PCDCLM2DFI). The RLPICB relation or the RLCKTDATA relation needs to be changed to make things consistent.

134. SMDDL_SEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLCKTDATA relation before sending a derived data link (DDL) message over a digital facility interface (DFI).

135. SMDDRDHWCK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMhwck() function, the hardware checks (HWCK) system process received an unsuccessful return from the DDread() function.

136. SMDDWTHWCK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMhwck() function, the hardware checks (HWCK) system process received an unsuccessful return from the DDwrite() function.

137. SMDEBUG1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is a general debugging report-only assert. It is designed to be used by developers needing to flag code execution. In general, this assert should not be seen at any time unless a temporary debugging software update has been applied. Any other occurrence of this assert at any time should be reported to and investigated by a switch maintenance engineer.

138. SMDEBUG2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is a general debugging report-only assert. It is designed to be used by developers needing to flag code execution and print out data. In general, this assert should not be seen at any time unless a temporary debugging software update has been applied. Any other occurrence of this assert at any time should be reported to and investigated by a switch maintenance engineer.

139. SMDFQOSCHK (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A default case in a switch statement was encountered; an invalid verb was passed to SMpsqoschk() function.

140. SMDFUNLKTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data fanout (DF) in the packet switch unit (PSU) detected invalid parity on one or more timeslots, but no owner was found for those timeslots (no entry exists in the RLPTSB relation). The data dumped is a set of shorts; the first is the event number of the parity error, the second is the number of valid entries in the dump, and the rest are the failing timeslots.

141. SMDLDSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are fewer datalinks of a particular type in the protected relation RLDLDSL than implied by the corresponding global parameter.

Data Structures:

RLDLDSL.

Action:

This problem is related to the use of the master control center (MCC) display page for datalinks (page 147YYZ,X where X is the SM number, YY is the datalink type, and Z is the screen number). The ROP will report the number of datalink tuples of a certain type found in the RLDLDSL relation on the SM. The ROP will also provide the global parameter name and value that disagrees with the rIDLDSL tuple count.

Use ODBE to investigate the RLDLDSL relation in the SM and in the CMP. If the SM and CMP relations agree with respect to the datalink tuples for the SM involved, then the global parameter is likely incorrect and should be corrected using ODBE. If the SM and CMP RLDLDSL relations are inconsistent, consult your next level of support prior to taking corrective action.

142. SMDPAMSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The code in the AM that processes and administers the *SLC*[®] remote terminal (RT) alarm distribute points could not send a message to an SM. A parameter was incorrect or the message was too large. This coding error must be corrected before the AM can properly administer the *SLC*[®] alarm distribute points.

143. SMDPBCAST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM code that gathers information about the *SLC*[®] alarms (for administering the distribute points) could not create the broadcast job for collecting information from the SMs about the *SLC*[®] alarms that are active. This coding error should be fixed to ensure proper administration of the *SLC*[®] alarm distribute points. The return will be in the stack frame.

144. SMDPCREATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The code in the AM that administers the *SLC*[®] alarm distribute points attempted to create a terminal process, but failed because of a non-resource problem. This coding problem should be remedied so that the *SLC*[®] alarm distribute points will be administered correctly.

145. SMDPDDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to set the data delivery (DD) key that tells the SMs that this office is using the *SLC*[®] alarm distribute point feature. The distribute points will not be administered until this problem is corrected, because the SMs do not know to send the alarm information to the AM, where the distribute points are administered.

Data Structures:
RLISLC_ALM.

Action:

If the office is not using the SLC[®] alarm distribute point feature, then all tuples in the RLISLC_ALM relation in the AM should be deleted. Otherwise, the problem in DD must be resolved. Once it is resolved, purge (INIT:AM,OKP,SPP,PID=x) the SMC0 process (pid=40) in the AM to get the DD key into the proper state.

146. SMDPMISSING (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Distribute point information was missing for SLC[®] alarms.

Data Structures:
RLMTBS96, RLISLC_ALM.

Action:

The printout specifies whether the RLMTBS96 or RLISLC_ALM AM relation is in error. If relation RLMTBS96 is in error, the distribute point for the remote terminal (RT) specified is missing. Use RC/V View 18.10 (REMOTE TERMINAL ASSIGNMENT) to enter the distribute point for digital carrier line unit (DCLU) terminated RTs (field "SLC ID DP"), use RC/V View 18.15 (REMOTE TERMINAL) to enter the distribute point for integrated digital carrier unit (IDCU) terminated RTs (field "RT ID DPN"), or use ODBE to insert an RLMTBS96 tuple (the distribute point name will be in attribute sid_dp).

If the problem is in the RLISLC_ALM relation, one of the alarm types/locations does not have a distribute point assigned to it. Use RC/V View 18.14 (REMOTE TERMINAL ALARM TYPE ASSIGNMENT) to enter the appropriate distribute point for the alarm type/location specified. If this office does not want to use this feature, delete all RLISLC_ALM tuples by deleting RC/V View 18.14.

147. SMDPSMSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The code in the SM that gathers SLC[®] remote terminal (RT) alarm information (for the administration of alarm distribute points) could not send a message to the AM. A parameter was incorrect or the message was too large. This coding error must be fixed before the SM will be able to send this message to the AM.

148. SMDPTIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer was requested by the AM code that administers the clearing of SLC[®] alarm distribute points, but the timer function failed for reasons other than lack of resources. Something is wrong with the use of the timer function; this error should be fixed to ensure that the SLC[®] alarm distribute points are always in synch. The failure code from the timer primitive is dumped.

149. SMDPTPSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The code in the AM that creates a terminal process to clear the SLC[®] remote terminal (RT) alarm distribute points,

was unable to send a message to the terminal process. An incorrect parameter was used or a message was too large. This coding error must be corrected before the AM can automatically clear the *SLC*[®] alarm summary distribute points.

150. SMDPUPDFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The code in the AM could not communicate with the SM in which the *SLC*[®] alarm distribute points reside because of a lack of resources or communication was down to the SM. The lights representing the integrated *SLC*[®] alarms are probably out of synch for the particular remote terminal (RT).

Action:

Verify that the AM is in communication with both the SM containing the distribute points and the SM containing the RT, and that the AM and the SMs are not in overload (both SM numbers are in the assert message, the SM number for the RT is the first number after "LRT="). The RT identity is provided in the printout. Enter the command `OP:S96,LRT=a-b-c` for that RT, which will cause the distribute points for that RT to be reprocessed and brought back into synch.

151. SMDPWAIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM code that gathers information about *SLC*[®] alarms (for administering the distribute points) received a failure while waiting for the message from the broadcast job that was gathering information from the SMs. An invalid parameter was used or the received message was too large. This coding error should be fixed to ensure proper administration of the *SLC*[®] alarm distribute points.

152. SMDPWRONG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal distribute point name was found for a *SLC*[®] alarm. The name was bitwise ANDed with 0xf000 and was not equal to 0xe000.

Data Structures:

RLMTBS96, RLISLC_ALM.

Action:

For the RLMTBS96 relation, use RC/V View 18.10 (REMOTE TERMINAL ASSIGNMENT) to correct the distribute point name (field "SLC ID DP"). The remote terminal (RT) identity is provided in the ROP message. (If necessary, use ODBE to fix the sid_dp attribute, the key to the RLMTBS96 relation is provided in the ROP message.)

For the RLISLC_ALM relation, use RC/V View 18.14 (REMOTE TERMINAL ALARM TYPE ASSIGNMENT) to correct the distribute point name. (If necessary, use ODBE to correct the attribute in the RLISLC_ALM relation, the key is 0.)

153. SMDQLNKNUMINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of ACTIVE DLNKS is not within the acceptable range of 0 - 2.

Probable Cause:

We may have missed the message for the DQLNK going down or the variable containing the DQLNK count has become corrupted.

Action:

Examine the data produced by the assert to determine the source of the problem. Do not correct the data! Quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) will correct the data either due to its self auditing mechanism or due to the Integrity Monitor detecting a problem and calling QLSP to correct it.

154. SMDQLSINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DQLNK or QLNK state is invalid.

Probable Cause:

The DQLNK or QLNK state is not being maintained properly by quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) or the state is being corrupted in memory.

Action:

Examine the data produced by the assert to determine the source of the problem. It is also possible to overwrite the DQLNK or QLNK state array to be valid.

155. SMDS2RCVY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A digital service unit (DSU) recovery internal error was encountered. An invalid recovery action was found for peripheral interface data bus (PIDB) parity errors.

156. SMDSCOUNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A digital service unit (DSU) recovery internal error was encountered. The SMprcount() function returned an unexpected error return.

157. SMDSCTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Digital service unit (DSU) fault recovery received a circuit name that is found in the RLCKTDATA relation, but the circuit type is not handled by DSU fault recovery. High level fault recovery should have sent this circuit to some other portion of fault recovery.

158. SMDSERTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A digital service unit (DSU) recovery internal error was encountered. Error analysis found an illegal low level error

type from source analysis.

159. SMDSILRCVY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error was encountered in digital service unit (DSU) recovery. Error analysis passed an invalid recovery action to the recovery action module.

160. SMDSNEQIP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) recovery detected an interrupt on a non-equipped circuit, according to the RLCKTDATA relation.

161. SMDSNODSU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) fault recovery tried to read a copy of the RLDSUIMG relation, but the database (DB) subsystem returned the code DBNO_MATCH.

162. SMDSNOPER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Digital service unit (DSU) fault recovery received a circuit name that is in the RLCKTDATA relation, but is not in an operational state. Interrupts should not be allowed on this circuit.

163. SMDSOOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) recovery received an interrupt on an out of service (OOS) circuit.

164. SMDSPDBATY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An invalid circuit type was found in the RLCKTDATA relation for a digital service unit (DSU) subtending circuit. This occurred during recovery from a peripheral detected bad address (PDBA) control order failure on the DSU.

165. SMDSTMNAME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) recovery detected an invalid internal name that was passed from terminal maintenance (TM) for transmission test function (TTF)-related error reports.

166. SMDSTMTTF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminal maintenance (TM) sent an invalid error type for transmission test function (TTF)-related error reports to digital service unit (DSU) recovery. The entire message is printed in the assert history data.

167. SMDSTSI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) recovery received an invalid time slot interchange (TSI) error type from module control unit fault recovery for local DSU bus parity errors. The entire input message is printed with the assert history data.

168. SMDSTTFSUB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) recovery found that transmission test function (TTF) subtending circuits are causing faults. These faults should be masked.

169. SMDSUINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not insert or update an rIDSUIMG tuple for a digital service unit (DSU). An error exists in the office-dependent data (ODD) dictionary.

Data Structures:

RLCKTDATA, RLDSUIMG.

The first two bytes of the first data dump contain the database (DB) return code. The second data dump contains the associated rLCKTDATA tuple. The third data dump contains the rIDSUIMG tuple to update. Action. Seek assistance from the product engineering control center (PECC). If this problem occurs during retrofit, STOP. ODD must be rebuilt with a compatible version of the DBgen tool.

170. SMDSUTSSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital service unit (DSU) recovery detected invalid data in the digital service circuit common (DSCCOM) time slot select register (TSSR). Masks for parity checking may be wrong.

171. SMELACKFAIL (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) received a failure acknowledgement in response to a maintenance request sent to the message handler. Maintenance requests are not expected to fail.

Probable Cause:

Software error or data/message corruption.

Action:

Examine the acknowledgement message dumped by the assert to determine the source of the problem.

172. SMELACKTO (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) timed out waiting for an acknowledgement in response to a maintenance request sent to the message handler.

Probable Cause:

Message handler fault, software error, or lost/corrupted message.

Action:

System will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

173. SMELBADIPNUM (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) received a message from the message handler (MH) reporting an MELNK address number that is either invalid or inconsistent with the current MELNK status.

Probable Cause:

Software error, SMP/MH inconsistency, or message corruption.

Action:

The system will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

174. SMELBADPTCNT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) received an MELNK maintenance message from the message handler containing an in-service port count that is either invalid or inconsistent with the expected value.

Probable Cause:

Software error, lost message, or data/message corruption.

Action:

System will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

175. SMELBADRPTUNIT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad unit type was passed to an ELFR function responsible for printing fault recovery output messages.

Probable Cause:
Software error.

Action:

Gather all data generated by the assert and refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual to report the problem.

176. SMELDATAINC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) detected an inconsistency in internal data.

Probable Cause:

Software error or data corruption.

Action:

System will execute appropriate corrective action and the MELNK audit may correct a data problem. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

177. SMELDBESERV (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates a problem with static data related to ethernet service types. Each MCTSI-based ethernet link (MELNK) on a switching module (SM) has a specific service type defined in the RLENETLINK relation. This data in RLENETLINK should be consistent with global parameters that associate service types with switching modules.

Data Structures:

RLENETLINK, Glprtd, Gleecsm.

Action:

Ensure that appropriate RLENETLINK tuples exist for any service types that the above global parameters indicate are supported by the switching module. Also verify that no rLENETLINK tuples exist for service types that are not supported by the switching module.

178. SMELDBNOMEPIPE (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates an inconsistency between the RLENETPIPE relation [which defines MCTSI-based ethernet pipes (MEPIPEs)] and either the RLENETLINK relation or global parameters that associate ethernet service types with switching modules (SMs). The static data indicates that the SM is equipped with an MCTSI-based ethernet link (MELNK) without a supporting MEPIPE (which should not be possible).

Data Structures:

RLENETPIPE, RLENETLINK, Glprtd, Gleecsm.

Action:

If MELNKs should be supported on the SM, ensure that an appropriate rLENETPIPE tuple exists for the MEPIPE. Otherwise, ensure that the RLENETLINK relation and the above global parameters do not indicate that MELNKs are equipped on the SM.

179. SMELDBOORKEY (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple for an MCTSI-based ethernet link in the RLENETLINK relation contains an invalid value for one of the key attributes ("epipe" or "elnk").

Data Structures:

RLENETLINK.

Action:

Correct the invalid data in the RLENETLINK relation. The keys to the incorrect tuple are dumped by this assert.

180. SMELFMHINIT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) received an unexpected return value for an MH initialization request.

Probable Cause:

Software error.

Action:

If problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to the next level of support.

181. SMELINCREPT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) detected an inconsistency in information used to produce MELNK and MEPIPE fault recovery reports.

Probable Cause:

Software error.

Action:

Monitor the status of MEPIPEs and MELNKs to determine whether MELNK functionality has been lost and refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual providing assert data to next level of support.

182. SMELINVAURCVY (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A recovery action requested by the MELNK audit (after detection of an MEPIPE or MELNK data problem) is either invalid or unsupported.

Probable Cause:

Software error or message corruption.

Action:

Monitor the status of MEPIPEs and MELNKs to determine whether MELNK functionality has been lost and refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual, providing assert data to next level of support.

183. SMELINVDDTRAN (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) is attempting an invalid or unsupported MELNK state transition. MELNK-based data delivery keys may be inconsistent with MELNK status.

Probable Cause:

Software error or data corruption.

Action:

The system will execute appropriate corrective action and the MELNK audit may correct a data problem. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

184. SMELINVELNKACT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) detected an in progress MELNK maintenance action that is invalid or inconsistent with the current MELNK state.

Probable Cause:

Software error or data corruption.

Action:

The MELNK audit should correct the problem. However, if the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

185. SMELINVELNKST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

An invalid MELNK state was detected by the ethernet link fault recovery system process (ELSP).

Probable Cause:

Software error or data corruption.

Action:

The MELNK audit should correct the problem. However, if the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

186. SMELINVEPIPEACT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) detected an in progress MEPIPE maintenance action that is invalid or inconsistent with the current MEPIPE state.

Probable Cause:

Software error or data corruption.

Action:

The MELNK audit should correct the problem. However, if the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

187. SMELINVEPIPESERV (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

Invalid MEPIPE ethernet service type selected.

Probable Cause:

Software error or data corruption.

Action:

The MELNK audit should correct the problem. However, if the problem persists, provide assert data to the next level of support.

188. SMELINVEPIPEST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

An invalid MEPIPE state (or MEPIPE/MELNK parent/child state combination) was detected by the ethernet link fault recovery system process (ELSP).

Probable Cause:

Software error or data corruption.

Action:

The MELNK audit should correct the problem. However, if the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

189. SMELINVEQUIP (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

Ethernet link fault recovery software has detected an equipage inconsistency between static and dynamic data for an MCTSI-based ethernet link (MELNK) or MCTSI-based ethernet pipe (MEPIPE). Either static data indicates the MELNK/MEPIPE is equipped and dynamic data indicates it is not, or vice versa.

Probable Cause:

Static and/or dynamic data corruption, or a software error.

Action:

System will execute appropriate corrective action. The MELNK audit may correct a data problem, recovering the MELNK/MEPIPE. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION

section of the Asserts manual, providing assert and audit data to next level of support.

190. SMELINVMELNK (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid MELNK number was detected by the ethernet link fault recovery system process (ELSP).

Probable Cause:

Software error or data/message corruption.

Action:

System will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

191. SMELINVMEPIPE (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid MEPIPE number was detected by the ethernet link fault recovery system process (ELSP).

Probable Cause:

Software error or data/message corruption.

Action:

System will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

192. SMELINVRET (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ethernet link maintenance or fault recovery function returned a value that was invalid or unexpected for the situation in which the function was invoked.

Probable Cause:

Software error.

Action:

Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

193. SMELINVTO (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) received the expiration of a timer not found in its dynamic data.

Probable Cause:

Software error or data corruption.

Action:

System will execute appropriate corrective action. The MELNK audit may recover a timer and/or dynamic data problem. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual, providing assert and audit data to next level of support.

194. SMELLOSTPTMR (5E13 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) lost its periodic timer.

Probable Cause:

Software error or data corruption.

Action:

System will execute appropriate corrective action. Provide assert data to next level of support.

195. SMELPSSWMODE (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) detected an MELNK for which status information was not correctly re-synchronized between the switching module processor (SMP) and message handler (MH) following a module controller time slot interchanger (MCTSI) soft switch.

Probable Cause:

Software error, message handler fault, data corruption, or a lost message.

Action:

The system will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

196. SMELSPINVMMSG (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) received a message containing invalid data.

Probable Cause:

Software error or message corruption.

Action:

Examine the message dumped by the assert to determine the source of the problem.

197. SMELTCTCB (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid and/or inconsistent data detected in the ethernet link fault recovery timer control block. The assert dumps the timer control block. The ethernet link fault recovery system process (ELSP) will be purged; its timer control block will be (re)initialized when ELSP is restarted following the purge.

Probable Cause:

Wild write, ELSP software bug, or ELSP was previously purged while manipulating its timer data structures.

Action:

System will execute appropriate corrective action. Provide assert data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

198. SMELTEXH (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to obtain an ethernet link fault recovery software timer because all such timers were in use.

Probable Cause:

Either ethernet link fault recovery software is using its timers inappropriately or the number of timers is under-engineered for the number of Module Controller/Time Slot Interchanger (MCTSI) MCTSI ethernet links equipped on the SM.

Action:

System will execute appropriate corrective action. Any failed manual request (such as an MELNK remove or restore) should be reattempted. Provide assert data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

199. SMELTNEXP (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) found no expired timer when it timed out.

Probable Cause:

ELSP software bug.

Action:

System will execute appropriate corrective action. Provide assert data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

200. SMELTSAREFULL (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A table used to store parts of an ELFR fault recovery output message was full when a request was made to add additional data.

Probable Cause:

Software error.

Action:

Gather the data generated by the assert and report the error to the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

201. SMELTTCBC (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid and/or inconsistent data detected in the ethernet link fault recovery timer control block. The assert dumps the timer control block.

Probable Cause:

Wild write, ethernet link fault recovery system process (ELSP) software error, or ELSP was previously purged while manipulating its timer data structures.

Action:

System will execute appropriate corrective action. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual, providing assert data to next level of support.

202. SMELUMCST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) MCTSI/MH recovery state was set to an unexpected value.

Probable Cause:

Software error.

Action:

This assert will trigger the MELNK audit and the audit may correct the data problem. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual, providing assert data to the next level of support.

203. SMELUXPEVELNK (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) was notified of an MELNK fault recovery or maintenance event that is not expected to occur when the MELNK is in its current state.

Probable Cause:

Software error or data corruption.

Action:

The system will execute appropriate corrective action and the MELNK audit may correct a data problem. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

204. SMELUXPEVEPIPE (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: MELNK	Audit Mode: elev

Problem:

The ethernet link fault recovery system process (ELSP) was notified of an MEPIPE fault recovery or maintenance event that is not expected to occur when the MEPIPE is in its current state.

Probable Cause:

Software error or data corruption.

Action:

The system will execute appropriate corrective action and the MELNK audit may correct a data problem. If the

problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual and provide assert data to next level of support.

205. SMELUXPMHEVENT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ethernet link fault recovery system process (ELSP) received a message from the message handler (MH) reporting an unknown event type.

Probable Cause:

Software error, SMP/MH inconsistency, or message corruption.

Action:

Examine the message dumped by the assert to determine the source of the problem.

206. SMERBLKRES (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Fault recovery code detected that no rISMPERBLK tuples are on the idle list. A directed BLOCK audit may be scheduled to recover available tuples.

207. SMESTRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read remote digital facility interface (RDFI) information from the RLSMEST relation failed during a manual communication link (CLNK) restoration in a remote SM (RSM). The CLNK restoration will fail with a "TIMEOUT BEFORE PROTOCOL ESTABLISHED" response. This problem may occur in RSMs that have only two control time slot (CTS) umbilicals, if the RSM CTS DIP switches are missing or set incorrectly.

208. SMFDBRDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMfdb_sw() function could not read an rISMFDB_SGN tuple.

209. SMFFEMPTY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function SMprspff() was invoked to analyze a full signal processor (SP) first-in, first-out (FIFO), but no entries were found in the FIFO or the code had difficulty translating the entries into useful data.

Probable Cause:

Code error, but it could also be a fault SP on a time slot interchange (TSI) board.

Action:

Observe the progress of fault recovery. If the hardware is not being recovered automatically, try switching module controller/time slot interchange (MCTSI) sides to see if that helps.

210. SMFFLIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function SMprspff() found more peripheral interface data buses (PIDBs) in the signal processor (SP) first-in, first-out (FIFO) than it expected was possible to find.

Probable Cause:

Coding error.

Action:

The code will proceed and perform fault recovery based on the PIDBs it has already found filling the FIFO, which are probably the ones causing the problem. But this assert should be reported to the code owner.

211. SMFLXINC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency between CF firmware (that supports flex and non-flex mode) initialization status indication and GI_dfflex poprle.

Probable Cause:

Either the CF firmware version is not for the flex-mode as indicated by the GI_dfflex poprle or the GI_dfflex is not populated correctly.

Action:

Replace CF circuit pack with the correct firmware version or have the GI_dfflex populated correctly.

212. SMFUBADNLI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor intervention (CPI) polling process has discovered multiple network link interface (NLIs) to be concurrently performing time multiplexed switch (TMS) Fabric Updates. This indicates a software error. The update on the NLI performing the update in error will be aborted. The other NLI will be permitted to proceed.

213. SMFURBADDATA (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The fast unit reconfiguration (FUR) process has encountered an unexpected piece of data. This data is dumped.

Probable Cause:

Internal data block or request parameter corruption.

Action:

Nothing. Request will be submitted to MRA anyway.

214. SMFURNOMASTER (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: REQBLOCK	Audit Mode: elev

Problem:

The fast unit reconfiguration (FUR) process has encountered a subtending (child) request with no master request.

Probable Cause:
Internal data block corruption.

Action:
Nothing. The child processes may complete normally, but no master request will be sent to deferred MRA.

215. SMFURNOSUBS (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The fast unit reconfiguration (FUR) process has encountered a master request with no subtending (child) requests.

Probable Cause:
Internal data block corruption.

Action:
Nothing. The master request will be forwarded to deferred maintenance request administrator (MRA).

216. SMFURQBPROB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: REQBLOCK	Audit Mode: elev

Problem:
The fast unit reconfiguration (FUR) process has encountered a data or linkage problem with one or more RLREQBLOCK tuples. The REQBLOCK audit has been requested.

Probable Cause:
Internal data block corruption.

Action:
Nothing. The REQBLOCK audit will clean up the corrupted data.

217. SMFURQPPROB (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: RQTP	Audit Mode: elev

Problem:
The fast unit reconfiguration (FUR) process has encountered a data or linkage problem with one or more RLRQTP tuples. The RQTP audit has been requested.

Probable Cause:
Internal data block corruption.

Action:
Nothing. The RQTP audit will clean up the corrupted data.

218. SMFURTBLKD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The fast unit reconfiguration (FUR) process has not been able to dispatch terminal processes.

Probable Cause:

Internal data block corruption.

Action:

Nothing. Data associated with old terminal processes will be cleared.

219. SMFUTSDBFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor intervention (CPI) polling process failed to clear a time slot data block (TSDB) prior to beginning a time multiplexed switch (TMS) fabric update. This assert indicates some type of software error has occurred. No further action can be taken. The network link interface (NLI) will not be fabric updated at this time.

220. SMGDXBESTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMgdxstate() function received an invalid return code from the DBfrdtup() function when accessing the RLSMEST relation.

221. SMGETCDBERR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to obtain a pointer to a CDBCOM data structure through the DAGETCDB() macro failed for some reason.

Probable Cause:

A software problem which has probably resulted from an invalid CDBCOM name being requested.

Action:

No action is required. This assert is intended to provide information to the next level of support if the problem persists. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

222. SMGETNSFLT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMiabitstat() function returned failure to the SMimiia() function when asked to give normal state for a particular bit.

223. SMGETSMESTERR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to obtain a pointer to a SMEST data structure through the DAGETSMEST() macro failed for some reason.

Probable Cause:

A software problem which has probably resulted from an invalid SMEST unit_id being requested.

Action:

No action is required. This assert is intended to provide information to the next level of support if the problem persists. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual for information on contacting technical support.

224. SMGMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() macro failed.

225. SMGPICBFAIL (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: DYNPICB	Audit Mode: elev

Problem:

The DBGETPICB() macro was called with a peripheral interface control bus (PICB) number. The returned pointer does not point to a tuple for the PICB number requested. The rPICB tuple is printed in the assert history data.

226. SMGPICBFAIL (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: PICB	Audit Mode: elev

Problem:

The DBGETPICB() macro was called with a peripheral interface control bus (PICB) number. The returned pointer does not point to a tuple for the PICB number requested. The rPICB tuple is printed in the assert history data.

227. SMGRPNM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple of the relation group_port is missing.

Action:

Check the ODD for the relation GROUP_PORT with the dumped keys.

228. SMHDFHINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The HDFH system process was entered with other than the accepted initialization types.

229. SMHDFHMAIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system process (HDFH) main work routine received a response other than "OSMSG".

230. SMHDFHUXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The main work routine for the HDFH system process received an illegal or unexpected operating system for distributed switching (OSDS) message.

231. SMHMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was found in the HMoutmsg() function return.

232. SMHTU2RSM (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the RLRS2HTU relation and the RLHTU2RSM relation.

Probable Cause:

The host transport unit number in the rHTU2RSM tuple was not the same as the host transport unit number in the rRSM2HTU tuple.

Action:

Find the inconsistency between the rHTU2RSM and rRSM2HTU tuples.

233. SMIABADPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An interrupt inhibit administrator (IIA) time slot interchange (TSI) or IIA network link interface (NLI) function has been called with invalid input parameters.

Probable Cause:

Code error.

Action:

None - Normal escalation will occur.

234. SMIABDGBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is caused when a global variable is found to contain an invalid value. The global(s) in question can vary, depending on where the assert occurs. Currently, the uses of this assert are:

- (1) IIA - IMIIA audit of the TSI or NLI bits was invoked with either SMiabitno or SMiatsport containing invalid data. This dump will contain the following data, with their size in bytes in parenthesis:

SMialpcnt (2)
SMiacntr (2)
SMiabitno (2)
SMiaactpr (2)
SMiatsport (2)

There is no data corresponding to the second and third portions of this dumps for this case.

- (2) IIA - An invalid entry in SMtsbitinfo[] was found while IMIIA audit was going through the TSI bits. The first portion of this dump will contain the data described in case (1) above.

The second portion of this dump will contain the entry in SMtsbitinfo[] in question in the first 16 bytes.

There is no data corresponding to the third portion of this dump for this case.

Probable Cause:

A wild write or an error in the software that initializes and updates the global data could cause this problem.

Action:

For sporadic occurrences of this problem, no action is required because the software corrects the problem.

However, if the assert continues regularly then a software or hardware problem exists and technical assistance is needed.

235. SMIABGNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBbgntn() function returned a failure code in the SMiainit() function. The SMiainit() function initializes the interrupt inhibit administrator's (IIA) database.

236. SMIACKTDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The database (DB) subsystem returned the code DBNO_MATCH for a metallic service unit (MSU) circuit that was expected to be in the RLCKTDATA relation. This may be a DB, interrupt inhibit administrator (IIA), or data population problem.

237. SMIACKTEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown circuit state was found in the RLSMEST relation.

238. SMIACLIDATDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLCLIDAT relation in the SMiainit() function.

239. SMIATYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Invalid circuit type information may have been found in the RLCKTDATA relation, or a stack variable was corrupted.

240. SMIADLINM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid dual link interface (DLI) name was detected in the SMiainh() primitive. A stack variable may be corrupted.

241. SMIADSCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The time slot interchange (TSI) channel number information in the RLDSCC relation is out of the normal range of values. This relation is used for global digital service units (DSUs).

242. SMIADSUIMG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) could not access an rIDSUIMG tuple that should exist. The RLSMEST and RLDSUIMG relations may need to be re-initialized to clean up the problem.

243. SMIAEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM inhibit administrator (SMIA) received a DBNO_MATCH error when reading the RLSMEST relation.

244. SMIAFILPA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal parameter was passed to the SMiaifi() function. The valid link parameter values are 0x16 (SMDLI0I), 0x17 (SMDLI1I), 0x24 (SMDLIALINK), and 0x25 (SMDLIBLINK). The valid side parameter values are 0 (SMIAACT) and 1 (SMIAMATE). The interrupt inhibit administrator (IIA) functions that call the SMiaifi() function are SMiaidli(), SMiaimp(), SMiamprf(), and SMiamp().

245. SMIAFUPTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The database manager (DBM) function DBfuptup() returned the code DBNO_MATCH for a circuit that was expected to be found in the RLSMEST relation.

246. SMIAHDWDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maintenance request administrator (MRA) primitive SMhdwrel() returned a nonexistent circuit in the return structure.

247. SMIAHDWREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maintenance request administrator (MRA) primitive SMhdwrel() passed an error return to the interrupt inhibit administrator (IIA).

248. SMIAILACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action parameter was passed to the interrupt inhibit administrator (IIA).

249. SMIAILBIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal bit parameter was passed to the interrupt inhibit administrator (IIA) function SMiainh().

250. SMIAILBLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid block parameter was passed to the SMiainit() function. The SMiainit() function initializes the interrupt inhibit administrator's (IIA) data for the module processor (MP) and periphery. A stack variable may be corrupted.

251. SMIAILBNAME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal bit name parameter was passed to the SMiainh() or SMiamprf() function.

252. SMIAILCQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: IMIIA	Audit Mode: elev

Problem:

The inhibit status qualifier was out of range. Data in the RLSMEST relation is invalid or a stack variable is corrupted.

253. SMIAILNAME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid name parameter was passed to the interrupt inhibit administrator (IIA) function SMiainh(). The circuit does not exist in the RLCKTDATA relation.

254. SMIAILQUAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid qualifier parameter was passed to the interrupt inhibit administrator (IIA) function SMiainh().

255. SMIAILSIDE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid side parameter (should be active or mate) was passed to the SM interrupt inhibit administrator (IIA). A stack variable may be corrupted.

256. SMIALSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: IMIIA	Audit Mode: elev

Problem:

An illegal current state was found in the RLSMEST relation. A stack variable may be corrupted.

257. SMIALSUB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The internal name passed to the SMiainh() primitive had an unknown unittpe. The unittpe may be wrong in the RLCKTDATA relation.

258. SMIALUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The interrupt inhibit administrator (IIA) found a unit in the RLCKTDATA relation that is marked for an entry in the RLSMEST relation, but the unittpe field in the RLCKTDATA tuple is illegal.

259. SMIAMCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error return was received from the maintenance request administrator (MRA) function SMmcnt(). The SMmcnt() function provides offsets into the global equipment status table information for the module processor (MP).

260. SMIANOEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

No entry in the RLSMEST relation corresponds to an entry in the RLCKTDATA relation. The database (DB) subsystem returned the code DBNO_MATCH when a match was expected in the interrupt inhibit administrator (IIA).

261. SMIAOPAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TSDB	Audit Mode: elev

Problem:

Indicates an error return other than OPLINKER was returned by OPadchan to the inhibit administrator.

262. SMIAOPNR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBopnrel() function returned an error code to the SMiainit() function. The SMiainit() function initializes the interrupt inhibit administrator's (IIA) data for peripheral circuits.

263. SMIARDFST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) function DBrdfst() returned an error code to the SMiainit() function when accessing the RLSMEST relation. The SMiainit() function initializes the interrupt inhibit administrator's (IIA) database for peripheral circuits.

264. SMIARDNXT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database manager (DBM) function DBrdnxt() returned an error code to the SMiainit() function when accessing the RLSMEST relation. The SMiainit() function initializes the interrupt inhibit administrator's (IIA) data for peripheral circuits.

265. SMIASTACT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid message action requested.

Probable Cause:

An inconsistent command/action combination. OSDS msg might be corrupted.

Action:

Nothing. The process will commit suicide and the user can try again later.

266. SMIASTCMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid CPI command requested.

Probable Cause:

An unrecognized CPI commands has been received. Maybe the OSDS message is corrupted.

Action:

Nothing. The process will commit suicide and the user can try again.

267. SMIASTMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message error (return or type).

Probable Cause:

Program internal state insane.

Action:

Nothing. The process will commit suicide and the user may try again.

268. SMIASRC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid message source

Probable Cause:
OSDS message maybe corrupted, or an unexpected process is sending a CPI request.

Action:
Nothing.

269. SMIASST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid program state.

Probable Cause:
Internal program state variable corrupted.

Action:
Nothing. The process will commit suicide.

270. SMIASSTRG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid SM number received from DD trigger function.

Probable Cause:
DD message may be corrupted because we have only one SM.

Action:
Nothing. The error report will indicate that the user should try it again.

271. SMIAUPEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An invalid return code was received from the DBfuptup() function when accessing the RLSMEST relation.

272. SMIAUPTUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The DBuptup() function returned the code DBNO_MATCH to the SMiainit() function for a circuit that was previously found in the RLSMEST relation by the DBrdnxt() function.

273. SMIDAUD1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated digital carrier unit (IDCU) remote terminal (RT) auditing terminal process received a reason for creation that was not expected.

274. SMIDAUD2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated digital carrier unit (IDCU) remote terminal (RT) auditing terminal process timed out while waiting for a stimulus from GLPNS96M (e.g., the RT alarm handler system process). The RT auditing terminal process waits up to 2 minutes after it is created for instructions regarding the next RT to audit.

275. SMIDAUD3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated digital carrier unit (IDCU) remote terminal (RT) auditing terminal process received an unexpected operating system for distributed switching (OSDS) message from GLPNS96M (e.g., the RT alarm handler system process).

276. SMIDBD01 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred in the alarms handler for remote terminals (RTs) that are connected to the integrated digital carrier unit (IDCU). The mode for invoking an alarms handler function was not S96MAN or S96AUTO.

277. SMIDBDEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TR303 remote terminal (RT) terminated on the integrated digital carrier unit (IDCU) reported an environment alarm that is using an unsupported SENSOR ID. Valid SENSOR IDs are 1 or 2 only.

278. SMIDCKTD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An alarm report or a request for alarm status was received for a remote terminal (RT) or integrated digital carrier unit (IDCU) facility (IFAC), but no rICKTDATA tuple was found for the circuit.

Data Structures:
RLCKTDATA.

Action:

Populate an rICKTDATA tuple for the RT or IFAC circuit. The population rules require at least shelf A and facility A to have rICKTDATA tuples.

279. SMIDDA01 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated digital carrier unit (IDCU) alarm handler received an unexpected return code when accessing the database. The alarm handler usually accesses the RLSMEST or RLCKTDATA relations for remote terminals (RTs) or IDCU facilities (IFACs). Typically, the error code returned indicates that no tuple was found in the database for the RTs or IFACs, but one was expected.

280. SMIDDS12 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No tuple was found when accessing the RLDS12RT relation for a particular integrated digital carrier unit (IDCU) digital signal level 1 (DS1). This database access was triggered by a virtual pinjack request on the DS1 (i.e., far-end loop, protection line switch, inhibit/allow protection line switching on a DS1), and is part of the remote terminal (RT) alarms functionality of IDCU.

Data Structures:

RLDS12RT.

Action:

The above actions should result in an RT alarm being declared. However, since the RLDS12RT relation does not contain a tuple for the particular DS1, there is no way to know which RT to alarm. Consequently, no alarm was declared.

281. SMIDMISC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered when accessing the RLRTMISC relation for a remote terminal (RT). No tuple was found for the RT.

Data Structures:

RLRTMISC.

Action:

The site identifier (SID) and alarm severity assigned to a power/miscellaneous alarm were assigned to default values. Processing continued with the defaults in effect.

282. SMIDNOEV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TR303 remote terminal (RT) terminated via the integrated digital carrier unit (IDCU) reported an environmental alarm. The alarm severity and 25-character problem description is provisioned using the RLRTENVALM relation. No rLRTENVALM tuple was found for the internal RT circuit name dumped.

Data Structures:

RLRTENVALM.

Action:

Provision the TR303 environmental alarm data.

283. SMIDNOSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: SMEST	Audit Mode: elev

Problem:

An inconsistency was detected between the RLSMEST relation and the RLCKTDATA relation for a remote terminal (RT) or facility connected to the integrated digital carrier unit (IDCU). An rLCKTDATA tuple exists for an RT circuit or IDCU facility (IFAC), but no corresponding rLSMEST tuple was found.

284. SMIDPASR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Integrated digital carrier unit (IDCU) resident protection line switch (PLS) software detected a problem with resident PLS data. The data dump provides details as to the type of error and the data involved.

285. SMIDPPJK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to unequip a digital signal level 1 (DS1) without first inhibiting protection line switching on that DS1.

Action:

Before unequipping the DS1, inhibit protection line switching on that DS1.

286. SMIDPRTD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists between the RLRT2DS1 and RLDS12RT relations.

Data Structures:

RLRT2DS1, RLDS12RT.

Action:

The population of the SM relation RLRT2DS1 and the SM relation RLDS12RT violated the population rules. An rLRT2DS1 tuple contains a digital signal level 1 (DS1) linkage, but this DS1 does not have a corresponding rLDS12RT tuple.

287. SMIDRTAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A TR303 remote terminal (RT) connected to the integrated digital carrier unit (IDCU) reported an alarm that the 5ESS(R) switch does not support. Only network, equipment, power, environmental, equipment holder, and memory object alarms are handled by the RT alarms handler.

288. SMIDSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated digital carrier unit (IDCU) alarm handler process experienced an unexpected error when sending an operating system for distributed switching (OSDS) message.

289. SMIDTASK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The task that updates data in the integrated digital carrier unit (IDCU) failed during a trigger function update of the RLFAC_CAB relation. The new static data was successfully updated in the switching module processor (SMP); but this data is inconsistent with data in the IDCU. The SMP has the new updated data, while the IDCU has the old data. (This task can fail for a variety of reasons.)

Data Structures:

RLFAC_CAB.

Action:

The distance and/or cable_series attributes in the rIFAC_CAB tuple were updated. The attribute changed can be undone and the new value re-updated. If this fails, the IDCU can be duplex failed and restored from duplex failure. In the process of restoring the unit from duplex failure, the new cable information gets downloaded in the IDCU.

290. SMILINAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal internal name was encountered.

291. SMILSEPACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal action parameter was passed to the SMic1sep() function.

292. SMIMMBUR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An AM switch maintenance for the SM (SMIM) master control center (MCC) display program received an invalid or an unknown unit from an SM.

293. SMINTRLRCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLRCB_HCB relation in the SMiainit() function.

294. SMINVCKT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMtuea_cont() function received an invalid circuit type from the SMprtu() function.

295. SMINVFUABT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor intervention (CPI) polling process has received a request to abort a time multiplexed switch (TMS) fabric update. However, the network link interface (TMS) specified in the message received does not match the NLI being updated. This is an informational assert. The NLI currently performing the update will be unaffected by this request.

296. SMINVFURETURN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor intervention (CPI) polling process detected an invalid return from the function SMfab_upd(). This is an indication of a software error and will abort the time multiplexed switch (TMS) fabric update that was in-progress.

297. SMINVFUSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The central processor intervention (CPI) polling process has discovered a network link interface (NLI) in an invalid time multiplexed switch (TMS) fabric update state. This is an indication of a software error. The NLI will be returned to the IDLE state.

298. SMINVPNPT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port name and/or port type was encountered.

299. SMISPIDB_NO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMckispdb() function received a DBNO_MATCH code when a valid rSMEST tuple was expected for an integrated services line unit (ISLU) peripheral interface data bus (PIDB). The SMckispdb() function passed the common data (CD) pack hierptr which should have specified all of the CD's equipped PIDBs. The hierptr may have been corrupted.

300. SMIXRFPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Maintenance code that supports a SM's external timing references (EXREF) encountered an invalid parameter, or combination of parameters, passed to a function.

Probable Cause:

This is most likely a software problem or could be the result of a corrupted stack.

301. SMLDWP_BAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMld_mwp() has been called but write-protect is apparently not yet initialized. This is a violation because the SM-2000 SMld_mwp() requires that the memory management unit (MMU) translation table be built so SMld_mwp() can update it. The actual check is to see that the global variable INldwp_ok is DBYES; so this assert can fire on a true initialization sequence problem, or if the variable is corrupted. INldwp_ok is dumped with this assert (single byte, type DMBBOOL).

Standard single process purge (SPP) processing will set the variable back to its normal state if corrupted, so no manual action is required in this case. If the assert occurs during an SM initialization (that is, before INwp_init() is called) this indicates a violation of the initialization sequence requirements, and represents a software [design] problem.

302. SMLNK_NUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMIM DB read returned a DBNO_MATCH when a link number was expected from relation rICKTLNK.

Probable Cause:

No rICKTLNK tuple exists for the given key.

Action:

Provide data to next level of support.

303. SMLOCK_ERROR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMca_check() function detected that the global variable representing the number of banks to be locked (SMbanks_locked) is out of range, or an attempt to lock the banks of cache indicated by the SMbanks_locked variable failed.

304. SMMALWOOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: IMIIA	Audit Mode: elev

Problem:

Interrupts were allowed on an out-of-service (OOS) module controller (MC) circuit. This occurred while determining a list of MC off-normal circuits.

305. SMMANINHERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMhwck() function, the data delivery bits DDRAHWCK and DDRMHWCK are in an invalid state during a manual inhibit of all hardware error checks.

306. SMMATATTDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLMATATT relation in the SMiclsep() function.

307. SMMCNTFLT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the SMmcnt() function.

308. SMMHAUPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMmhautrig(), a function that sends routine audit inhibit/allow status to the message handlers (MHs), was passed an invalid audit status parameter. No audit status update will occur in the MHs as a result of this error.

Probable Cause:

Software programming error in the code that called SMmhautrig().

Action:

If the assert persists, provide data to the next level of support.

309. SMMHAUSND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMmhautrig(), a function that sends routine audit inhibit/allow status to the message handlers (MHs), failed to send an audit status update message to an MH because the OSSENDMH() primitive returned failure. No audit status update will occur in the target MH as a result of this error.

Probable Cause:

An invalid or unequipped MH number was passed to OSSENDMH(), the message length exceeded the maximum supported text size for standard messages, or the SM to MH maintenance first-in, first-out (FIFO) overflowed. All three are software programming problems.

Action:

If the assert persists, provide data to the next level of support.

310. SMMH_HASHE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message handler (MH) failed to respond to a request to perform hashsum checks.

Probable Cause:

MH internal failure during or after hashsum message sent

Action:

Verify additional recovery reports indicating MH error occurred.

311. SMMRA_DBRR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed to read an rLDLSL tuple to update the 147YYZ,X display page. No tuple was found

for the global port name that was passed as a key for reading this relation.

Data Structures:

RLDLDL. Key field: gdport (global port).

Action:

Check RC/V View 21.30 (OSPS-DSL PORT) to determine if the port associated with this digital subscriber line (DSL) was removed. If the rLDLDSL tuple associated with the specified port was removed, re-insert the tuple. Once the port is re-inserted, the display page must be refreshed to reflect the current DSL status.

312. SMMSGBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral fault recovery (PFR) detected invalid data in a received message (for example, the circuit ID of the faulty circuit is zero). The message sent to the fault recovery function SMprin() is dumped.

313. SMMSGREC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid message received.

314. SMMSGTRE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message translation error occurred.

315. SMMSGTYPEBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral fault recovery system process received a message with an unexpected error type. The message is printed with the assert history data.

316. SMMXDSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There are too many digital subscriber lines (DSLs) of a specific type on an SM.

Data Structures:

RLDLDL.

The ROP output provides the DSL type that has too many ports, the SM that the offending DSLs are on, the number of offending DSL ports that are equipped on the SM, and the maximum number of DSL ports of that type permitted.

Action:

Redistribute the offending DSLs among the SMs so that none of the SMs have more than the maximum allowed. Use the growth and degrowth procedures described in the "OSPS Descriptions and Procedures Manual" when rearranging the DSLs among the SMs.

317. SMNLIMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function SMiasp_nli() has been passed a bit-map of network link interfaces (NLIs) that have changed state and one of the specified NLIs is invalid. This most likely means that the calling function set the wrong bit in the bit-map.

318. SMNOFIU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprfi() function is used only as a stub for the normal SM; it should never receive control.

319. SMNOPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A port in the RLDLDSL relation has no rIORTLA tuple. Since all ports must have an rIORTLA tuple, either the RLDLDSL relation has an extra tuple or the rIORTLA tuple is missing. RLPORTLA is assumed to be in error because it is a dynamic relation; RLDLDSL is a static relation. An audit of the RLPORTLA relation is scheduled.

320. SMNOPSIUPIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The shelf reporting parity errors should have been found in the RLPSIUPIDB relation; however, no match was returned.

Data Structures:

RLPSIUPIDB.

Action:

The shelf number and the key used to access the RLPSIUPIDB relation are printed.

321. SMNUMDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An ISLU(2) was found to be connected to more than SMISLUDIMAX DIs. The function SMlidxpdb() looks for all the DIs that an ISLU(2) is connected to and puts them in the list SMisidx[] of size SMISLUDIMAX. In this case, it has found more DIs than it has room for in the list.

Probable Cause:

The number of DIs that can be connected to an ISLU(2) has increased and the associated #define for SMISLUDIMAX has not been updated.

Action:

Nothing. The process will continue to process the valid DIs.

322. SMODDCKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is used to indicate that a tuple was not found in the database relation RLCKTDATA.

Data Structures:

RLCKTDATA. Key field: internal circuit name.

Action:

This assert will dump the internal circuit name and the circuit type. This information will help the craft to look in the data base relation RLCKTDATA to correct the inconsistency.

323. SMODDLOCEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was encountered in the database relation RLRC_LOCEQ in the office-dependent data (ODD).

Data Structures:

RLRC_LOCEQ. Key field: SM number, PICB number.

Action:

The SM number, peripheral interface control bus (PICB) number, internal circuit name, circuit type, and the process that sent the message are dumped. This information will be used to locate the inconsistency in the RLRC_LOCEQ relation.

324. SMODDPIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM-2000 Active/Standby peripherals must use even-numbered PIDBs for call processing. However, peripheral fault recovery encountered an error for an odd-numbered PIDB on an Active/Standby peripheral that was being used in an active path.

Probable Cause:

Some code somewhere is allocating time slots from odd-numbered PIDBs of an Active/Standby peripheral and should not be.

Action:

The allocation software needs to be modified to not allocate time slots on odd-numbered PIDBs of active/standby peripherals on an SM-2000.

325. SMODDUNIT_CKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is used to indicate that a tuple was not found in the database relation RLUNIT_CKT.

Data Structures:

RLUNIT_CKT

Action:

This assert will dump the unit number, the unit type, and the circuit index. This information will help the technician to look in the database relation RLUNIT_CKT to correct the inconsistency. ODBE can be used to look at and correct

RLUNIT_CKT. If the root cause of the problem is incorrect use of ODBE, then ODBE may be used to reinsert the missing tuple, after getting all the necessary tuple information. The problem may be caused by a bug in ODA, in which case there may be more than one tuple or relation that is incorrect. Finally, the cause may be a bug in the switch software that causes incorrect calculation of the circuit index, in which case you must contact your local field support and file a problem statement. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

326. SMOFF1NRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the SMiabitstat() function in the SMmpoffnrm() function.

327. SMOPERTST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SM unexpectedly called the SMopertst() function, or the user mistakenly called the SMopertst() function. The OSSUICIDE() macro is called to prevent the SMopertst() function from being executed unexpectedly. The OSSUICIDE() macro terminates the terminal process quietly.

328. SMOPNREL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) open relation failure occurred in the operating system for distributed switching in the AM (OSDS-C).

329. SMOSWPROB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid condition or time limit was exceeded on an operating system for distributed switching (OSDS) wait primitive.

330. SMOTHINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access an rISMEST tuple. An error exists in the office-dependent data (ODD) dictionary.

Data Structures:

RLSMEST, RLCKTDATA.

The first two bytes of the first data dump contain the database (DB) return code. The second data dump contains the associated rICKTDATA tuple. The third data dump contains the rISMEST tuple to be updated.

Action:

Seek assistance from the product engineering control center (PECC). If this problem occurs during retrofit, STOP. The ODD must be rebuilt with a compatible version of the DBgen tool.

331. SMOUTINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to update an rISMEST tuple. An error exists in the office-dependent data (ODD) dictionary.

Data Structures:

RLSMEST.

The first two bytes of the first data dump contain the database (DB) return code. The second data dump contains the rISMEST tuple that failed.

Action:

Seek assistance from the product engineering control center (PECC). If this problem occurs during retrofit, STOP. The ODD must be rebuilt with a compatible version of the DBgen tool.

332. SMPALWOOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Interrupts were allowed on an out of service (OOS) SM circuit (peripheral). This occurred while determining a list of off-normal circuits.

333. SMPARFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) function SMiainh() returned an invalid value.

334. SMPFRUSE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function SMprspff() hit the default case when switching on the use of a link (from PClnk2use[]) that filled up an SP FIFO.

Probable Cause:

Someone probably forgot to update either SMspff_msg(), which sends the message to PFR that SMprspff() is handling, or forgot to update SMprspff().

Action:

Resolve the inconsistency between SMspff_msg() and SMprspff().

335. SMPHATBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was found in the SMphalnkdat global array.

Probable Cause:

SMphalnkdat[] may be corrupted.

Action:

Provide data to next level of support.

336. SMPHDATDGR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: SMEST	Audit Mode: null

Problem:

The ICR and/or SCCP data tables were not pumped for the PH listed in the data that accompanies this assert. The PH will have its data in a degraded state. Try removing and restoring the PH. If the PH data is not subsequently degraded, the problem was temporary. Otherwise, this problem needs investigation. Without ICR tables, there can be C7 call processing downtime and without SCCP tables no global title translation can be done.

337. SMPHRNGCHKF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDSLGP	Audit Mode: elev

Problem:

Invalid PH image detected during PH switch.

Probable Cause:

SMph_dslgp[] maybe corrupted.

Action:

Provide data to next level of support.

338. SMPICB_NUMNM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance for the switching module (SMIM) database (DB) read macro returned a null peripheral interface control bus (PICB) number when a valid PICB number was expected.

339. SMPIDB1EA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function sent an invalid return to the SMpidbea() function.

340. SMPIDB1RA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown recovery action was passed to the SMpidbra() function.

341. SMPIDB2EA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function sent an unknown return to the SMpidbea() function.

342. SMPIDB2RA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recovery action passed from the SMpidbea() function for a particular channel is not a valid. This assert fires from the SMpidbra() function.

343. SMPIDBFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral fault recovery (PFR) could not find a peripheral interface control bus (PIDB) number in the RLPIDB relation that it expected to be there. Two functions use this assert:

(1) SManalbuff(), which performs analysis of PIDB parity errors, and (2) SMprspff(), which performs analysis of signal processor (SP) FIFO-FULL events for peripheral circuits.

In either case, the hardware indicated that time slots on a specific PIDB were suspect, but the PIDB was not found in the RLPIDB relation. PFR is unable to continue in this situation, so no fault recovery action was taken on this PIDB. The number of the suspect PIDB can be found in the local variable 'rlpidb.pidb' in the stack frame dump for either function.

344. SMPLILNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral fault recovery (PFR) could not find a time slot interchange (TSI) link number in the RLPLI_LNK relation that it expected to be there. This assert is printed by the SMprspff() function when it is analyzing an signal processor (SP) FIFO-Full event for a PLI-based peripheral. The hardware indicated the time slots on the PLI link were suspect, but the tuple for that PLI was not found in the database. PFR was unable to continue with its analysis.

Probable Cause:

PFR determined it was a PLI because the PClnk2use[] array (based on the RLLNK_USE relation) indicated that the link number corresponded to a PLI. There appears to be an inconsistency between the PClnk2use[] array (or RLLNK_USE relation) and the RLPLI_LNK relation.

Action:

Resolve the inconsistency. The link number in question can be found in the local variable 'pli_lnk.tsi_link' in the stack frame dump.

345. SMPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Could not retrieve an rIORTLA tuple.

346. SMPPGFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

An item representing a SM peripheral unit was to have been inserted into a SMppg*[] global linked list array, but the particular array was found to be full. The new item was ignored, leaving the linked list as it was. This will prevent the unit in question from being recognized for inclusion on the MCC 1010 page and/or its related Unit Summary pages (e.g., 1011).

One run-time data item is dumped: The RLCKTDATA tuple for the common board representing the SM peripheral unit that was not inserted into the linked list because of lack of space. Other function parameter values provided via the associated stack frame dump will identify the specific SMppg*[] array in question, as well as its size in terms of defined maximum number of elements.

This condition is most likely the result of a software design oversight in failing to increase the size of the array when defining a new SM peripheral unit type or unit category, or when increasing the defined maximum equipage capacity for a certain type of unit in an SM. Various run-time faults could also induce this problem: Corruption in the SMppg*[] linked list, or incorrect software mapping of an SM peripheral unit type to the specific SMppg*[] array. If run-time corruption is suspected, a full initialization of the SM must be performed to reconstruct the SMppg*[] array's linked list.

347. SMPPGNOMATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An item representing a SM peripheral unit was to have been updated within, or deleted from, a SMppg*[] global linked list array (as during a hardware degrowth procedure), but the target item was not found in the list. The intended manipulation of the linked list was not performed, leaving the linked list as it was. This will prevent the unit or service group in question from disappearing from the MCC 1010 page and/or its related Unit Summary pages (e.g., 1011).

One run-time data item is dumped: The RLCKTDATA tuple for the common board representing the SM peripheral unit that was not updated within, or deleted from, the linked list. Other function parameter values provided via the associated stack frame dump will identify the specific SMppg*[] array in question. This condition is most likely the result of corruption in the SMppg*[] linked list, or incorrect software mapping of an SM peripheral unit type to the specific SMppg*[] array. A Full Initialization of the SM must be performed to reconstruct the SMppg*[] array's linked list.

348. SMPPILAFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A port processor (PP) loss of layer 2 error occurred due to an idle link assurance (ILA) failure. The SMph_dslgp[] array, incoming error message and post mortem buffer are dumped.

349. SMPRGDGN (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: CKTDATA	Audit Mode: elev

Problem:

Diagnostics were purged due to hardware reconfiguration.

350. SMPRMRA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The DBfrdtup() function failed when accessing the RLSMEST relation.

351. SMPRPICKT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

A circuit list created by audits recovery for hardware initialization contains circuits that are not in the office-dependent data (ODD). The assert fired in the peripheral circuit initialization system process. The offending member of the list was deleted from the RLCDBCOM relation. The CKTDATA audit will be run.

352. SMPRPIIDL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Audits placed a circuit with no known idle list on a list of peripheral circuits to be initialized. The assert fired in the peripheral initialization system process. The circuit was assigned to a default idle list. No recovery action is necessary.

353. SMPRPIMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral initialization system process received a message when none was expected. No recovery action is taken.

354. SMPRPIRES (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral circuit initialization process was started with an illegal reason parameter. This process is purged.

355. SMPRPISRA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

Peripheral control (PC) cannot allocate a circuit that appears on a list of circuits to be initialized by the peripheral initialization system process. This process is purged and the CKTDATA audit is run to correct the problem.

356. SMPRT_NAMENM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral control (PC) database (DB) read macro returned a null port name when a valid port name was expected.

357. SMPSCKTNV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid circuit type was passed to packet switch unit (PSU) error analysis.

358. SMPSERNV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid error type was encountered in the SMpsthshld() function.

359. SMPSLNK_INFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMIM DB read returned a DBNO_MATCH when a PSU link tuple was expected from relation rIPSULNK.

Probable Cause:

No rIPSULNK tuple exists for the given keys.

Action:

Provide data to next level of support.

360. SMPSLNKOOR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PSU link number out of range.

Probable Cause:

PSU link number is outside of the valid range, 1-10.

Action:

Contact software developer.

361. SMPSSSND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed in the SMpsiurcvy() function.

362. SMPSPRCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMpsiuea() function received an invalid return from the SMprcount() function.

363. SMPSRCVNV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid recovery action was encountered in the SMpsiurcvy() function.

364. SMPSRSMST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMpsiurcvy() function failed to read an rISMEST tuple.

365. SMPSU_CA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMIM DB read returned a DBNO_MATCH when a valid PSU community address was expected from relation rISMPSU.

Probable Cause:

No rISMPSU tuple exists for the given key.

Action:

Provide data to next level of support.

366. SMPSUIAAUER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral interrupt inhibit administrator (IIA) audit for the packet switch unit (PSU) detected an inconsistency. Since the audit runs in refresh mode, the inconsistency was corrected.

367. SMPSULOGDUMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert will be used to help debug the root cause of a PSU duplex failure and to help debug improper recovery procedure. Also should be used when the PSU is going to Simplex Degraded. All other cases, SMSavepsu should have assert set to DBNO.

368. SMPSUSMST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMpsiurcvy() function failed to update an rISMEST tuple.

369. SMPTSB2CHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

The function SMLidxpdb() or SMpsirotp() could not find an RLCHDB tuple linked to an RLPTSB tuple, when an RLCHDB was linked to that RLPTSB tuple in an earlier phase -- function SManalbuff(). The function DAfpbch() returned DBNO_LINK. No peripheral interface data bus (PIDB) parity error fault recovery could be attempted for the time slot corresponding to the PIDB time slot block (PTSB) because of this error.

370. SMPTSBBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

An inconsistency was found in the RLPTSB relation.

371. SMPTSBFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTSB	Audit Mode: elev

Problem:

DAGETPTSB() failed to return a valid pointer to an RLPTSB tuple. SMLidxdb() passed an RLPTSB key that was originally obtained from an RLPTSB tuple. No fault recovery could be attempted for the peripheral interface data bus (PIDB) parity error on the time slot corresponding to the PIDB time slot block (PTSB).

372. SMQENDPTS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The read of the RLQENDPTS by the DBfrdtup() function returned DBNO_MATCH.

Probable Cause:

The office-dependent data (ODD) relation RLQENDPTS does not exist.

Action:

Examine the data produced by the assert to determine the source of the problem. If the RLQENDPTS should exist in the ODD, then ODBE can be used to insert the relation.

373. SMQLCOMMFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to send a message from the quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) to QLFR-MH in the message handler (MH) failed.

Probable Cause:

The MH message queue is full or the MH did not send an acknowledgement back within a time period specified by QLSP.

Action:

Examine the data produced by the assert to determine the source of the problem. If the MH queue is full, then SMP related fault recovery will be invoked. If an acknowledgement message is not being received, then the QLSP timer value may need to be increased.

374. SMQLEGETPROF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Profile data does not exist for the indicated class.

Probable Cause:

The error, summary, or action profile tables are being used inappropriately.

Action:

Provide data to the next level of support.

375. SMQLEMSGINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The link establishment (LE) message received by the quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QLSP) was invalid.

Probable Cause:

The sender of the link establishment (LE) message filled it in inappropriately, QLSP is interpreting the message inappropriately or the message was corrupted before being received by QLSP.

Action:

Examine the data produced by the assert to determine the source of the problem.

376. SMQLEPINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QLSP) endpoint is invalid.

Probable Cause:

The QLPS endpoint parameter specified by the calling function was invalid or the QLPS endpoint parameter was corrupted during the function call.

Action:

Examine the data produced by the assert to determine the source of the problem.

377. SMQLEPMMSGINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The endpoint data contained in the link establishment (LE) message is invalid.

Probable Cause:

The sender of the LE message either filled in the data inappropriately or the message was corrupted before being received.

Action:

Examine the data produced by the assert to determine the source of the problem.

378. SMQLERRPROF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt is being made to read a summary profile table for an error that does not have summary profile data.

Probable Cause:

The summary profile table is being used inappropriately.

Action:

Provide data to the next level of support.

379. SMQLERRTYPINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The err_typ (error type) parameter is invalid.

Probable Cause:

The err_typ specified by the caller is an invalid error type or the err_typ parameter is being handled inappropriately

by the called function.

Action:

Examine the data produced by the assert to determine the source of the problem.

380. SMQLIDQLNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance for the switching module (SMIM) quad-link fault recovery (QLFR) system process has detected a mismatch between the message handler (MH) and switching module processor (SMP) D/QLNK state.

Probable Cause:

The SM has not detected an MH transition.

Action:

QLFR system process has taken recovery.

381. SMQLPIPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance for the switching module (SMIM) quad-link fault recovery (QLFR) system process has found a mismatch between the message handler (MH) pipe state and the SM pipe state.

Probable Cause:

MH transition has not been detected by the SM.

Action:

The system process has taken a recovery action.

382. SMQLIQLL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance for the switching module (SMIM) quad-link fault recovery (QLFR) system process has found a mismatch between the message handler (MH) and SM QLL state.

Probable Cause:

SM has not detected the MH transition.

Action:

QLFR system process has taken recovery.

383. SMQLLMINVST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The state or order of the switching switching module processor (SMP) or message handler (MH) link map data is invalid.

Probable Cause:

The SMP or MH link map has become corrupted, actual cause is unknown.

Action:

Remove and restore the QPIPES for both networks which will tear everything down and start over.

384. SMQLMHPIPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to read the office-dependent data (ODD) relation RLMHPIPE by the DBfrdtup() function returned DBNO_MATCH.

Probable Cause:

The RLMHPIPE relation does not exist in the ODD.

Action:

Examine the data produced by the assert to determine the source of the problem.

385. SMQLMQPSINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message handler (MH) QPIPE state returned by quad-link fault recovery (QLFR)-MH in the loopback test acknowledgement message to the QLFR-switching module processor (SMP) system process (QLSP) is invalid.

Probable Cause:

The MH QPIPE state is invalid in the MH, QLSP is handling the MH QPIPE state inappropriately, or the loopback test acknowledgement message was corrupted before being received by QLSP.

Action:

Examine the data produced by the assert to determine the source of the problem.

386. SMQLNETINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) network parameter is invalid.

Probable Cause:

The QLPS network specified by the calling function is invalid or the QLPS network parameter was corrupted during the function call.

Action:

Examine the data produced by the assert to determine the source of the problem.

387. SMQLNKCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of in-service QLNCs count is not correct.

Probable Cause:

A message indicating the transition of a Level 2 link (QLL) from in-service to out-of-service or visa versa was not

sent to the quad-link (QLFR) - switching module processor (SMP) system process (QLSP) or the message was not handled properly by QLSP.

Action:

Examine the data produced by the assert to determine the source of the problem. DO NOT correct the data! QLSP will correct the data either due to its self auditing mechanism or due to the integrity monitor detecting a problem and calling QLSP to correct it.

388. SMLNKSNUMINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The number of ACTIVE QLNKS is not within the acceptable range of 0-4.

Probable Cause:

May have missed a message from quad-link fault recovery (QLFR) - message handler (MH) indicating the QLL has gone down and we are just seeing the transition of the QLL coming up again. The variable that contains the counts for the QLNKS may have become corrupted.

Action:

Examine the data produced by the assert to determine the source of the problem. Do not correct the data! The QLFR - switching module processor (SMP) system process (QLSP) will correct the data either due to its self auditing mechanism or due to the Integrity Monitor detecting a problem and calling QLSP to correct it.

389. SMLPBBKINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The loopback test acknowledgement message from quad-link fault recovery (QLFR) - message handler (MH) to the QLFR - switching module processor (SMP) system process (QLSP) is invalid.

Probable Cause:

QLSP is inappropriately handling the loopback test acknowledgement message or the message was corrupted before being received by QLSP.

Action:

Examine the data produced by the assert to determine the source of the problem.

390. SMLPCCONN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to peripheral control (PC) to connect the message handler (MH) QPIPE time slots in the module controller/time slot interchange (MCTSI) complex failed.

Probable Cause:

PC was unable to connect the time slots indicated in the RLMHPIPE relation for a QLPS MH QPIPE.

Action:

Examine the data produced by the assert to determine the source of the problem.

391. SMLPROFILE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The error, summary, or action profile data is invalid.

Probable Cause:

The error, summary, or action profile table is being used inappropriately for the indicated error.

Action:

Provide data to the next level of support.

392. SMLSPACINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The action or cmd_type specified in the message received by the quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) is invalid.

Probable Cause:

The function sending the message filled in the field wrong or the message was corrupted before being received by QLSP.

Action:

Examine the data produced by the assert to determine the source of the problem.

393. SMLSPCTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to create the quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) cyclic timer failed.

Probable Cause:

The timer tag specified in the operating system for distributed switching (OSDS) function call was invalid.

Action:

Examine the data produced by the assert to determine the source of the problem.

394. SMLSPMGINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) received an invalid message.

Probable Cause:

The operating system for distributed switching (OSDS) sent the message to QLSP inappropriately or QLSP is not handling messages appropriately.

Action:

Examine the data produced by the assert to determine the source of the problem.

395. SMLSPOSRTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from an operating system for distributed switching (OSDS) function call was not the expected value.

Probable Cause:

The parameters used to call the OSDS function were invalid or the value returned was not expected by the calling function.

Action:

Examine the data produced by the assert to determine the source of the problem.

396. SMQLSPREASERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason parameter passed to the quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) is invalid.

Probable Cause:

The operating system for distributed switching (OSDS) specified an invalid reason in the call to QLSP or the reason parameter was corrupted during the function call.

Action:

Examine the data produced by the assert to determine the source of the problem.

397. SMQLSPTMRINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) received a MGTIMER message with an invalid tag.

Probable Cause:

The operating system for distributed switching (OSDS) sent an invalid MGTIMER message QLSP or QLSP is not handling MGTIMER messages appropriately.

Action:

Examine the data produced by the assert to determine the source of the problem.

398. SMQLSTAINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data delivery status of communication module (CM) hardware does not agree with the in-service/out-of-service status of the message handler QPIPE.

Probable Cause:

The data delivery status of the CM hardware is invalid or quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) is not maintaining the message handler (MH) QPIPE properly.

Action:

Examine the data produced by the assert to determine the source of the problem.

399. SMQOSELNGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call to OSSENDMSG() returned an error indicating that the length of the message to be sent was too large.

Probable Cause:

The calling function is attempting to send too large of a message.

Action:

Provide data to the next level of support.

400. SMQPACTCMOOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A QPIPE for a network has transitioned to active. However, the communication module (CM/ONTIC) data delivery status indicates that there is CM hardware out-of-service (OOS). If this is true, then the QPIPE should not be active.

Probable Cause:

Data delivery is not being received before the quad-link fault recovery (QLFR) - switching module processor (SMP) CM reconfiguration timer times out.

Action:

Provide data to the next level of support.

401. SMQPDDTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The attempt to create a timer to wait before sending a message handler (MH) QPIPE up or down message to the AM failed.

Probable Cause:

The time specified in the call to operating system for distributed switching (OSDS) was out of range.

Action:

Examine the data produced by the assert to determine the source of the problem.

402. SMQPRTINIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During initialization of the dynamic relation RLPORTCLSS, a static database inconsistency was found.

Data Structures:

RLCKT2CODE, RLPORTCLSS.

Action:

Three possible error scenarios exist:

1. The RLCKT2CODE tuple has a value of zero in the d_code, b1_code, or b2_code attribute. Zero is an illegal value. Update the attribute to a legal value, or delete the tuple.
2. The RLCKT2CODE tuple has a value in the d_code, b1_code, or b2_code attribute that is not found as a key in the

RLPORTCLSS relation. The rIORTCLSS tuple is missing and should be added, or the rICKT2CODE tuple should be updated to reference an existing rIORTCLSS tuple.

3. The rICKT2CODE tuple has a value in the d_code, b1_code, or b2_code attribute that matches the value in another rICKT2CODE tuple. Each portcode value should only be used once. Examine the RLCKT2CODE relation for repetitions, any repetitions must be removed by updating or deleting rICKT2CODE tuples.

403. SMQPSTINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) message handler (MH) QPIPE state is invalid.

Probable Cause:

The MH QPIPE state is being handled inappropriately by QLSP or the MH QPIPE state is being corrupted in memory.

Action:

Examine the data produced by the assert to determine the source of the problem.

404. SMQPUPINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLSP) has received a message from QLFR-MH indicating that the message handler (MH) QPIPE has transition to in-service, however, the RLMHPIPE relation does not exist.

Probable Cause:

QLFR-MH was sent a MH QPIPE initialization message inappropriately or the office-dependent data (ODD) has been corrupted.

Action:

Examine the data produced by the assert to determine the source of the problem. If the RLMHPIPE relation should exist, then use ODBE to insert the relation.

405. SMRABADCKT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DGcleqid() equipment location (EQL) offset read failures occurred while processing trouble location procedure (TLP).

Probable Cause:

One of the TLP DGsmcktdrv() or DGcmcktdrv() keys (unit type, circuit type, change level indicator (CLI) or member number) was invalid or missing/wrong DG TLP CKT data.

Action:

Provide data to next level of support.

406. SMRABADEQL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DGsmintex() equipment location (EQL) offset read failures occurred while processing trouble location procedure (TLP).

Probable Cause:

one of the TLP DGsmeqldrv() or DGcmeqldrv() keys (unit type, circuit index, or member number) was invalid or missing EQL data.

Action:

Provide data to next level of support.

407. SMRACPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link fault recovery (CLFR)/AM sent an MGCPS message to the maintenance request administrator (MRA). A problem occurred in CLFR/AM or invalid fields are in the message.

408. SMRADBR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database (DB) read failures occurred in the maintenance request administrator (MRA).

409. SMRADBW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Database (DB) write failures occurred in the maintenance request administrator (MRA).

410. SMRAHDW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMhdwrel() function failed to return current circuits in the maintenance request administrator (MRA).

411. SMRAHID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMhrdid() function failed to retrieve a valid circuit type in the maintenance request administrator (MRA).

412. SMRAMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognizable message type was received in the maintenance request administrator (MRA).

413. SMRAOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Operating system for distributed switching (OSDS) failures occurred in the maintenance request administrator (MRA).

414. SMRAPCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral control (PC) channel control block (CCB) request and release failures occurred in the maintenance request administrator (MRA).

415. SMRAPM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognizable parameter was passed in a function in the maintenance request administrator (MRA). An aborted integrated services line unit (ISLU) common controller (CC) postmortem message may have left invalid data in the postmortem control table. Running the postmortem again with a manual request message should clear up the problem. Refer to the Input Manual pages for additional information.

416. SMRAPRL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral control (PC) release circuit failures occurred in the maintenance request administrator (MRA).

417. SMRAPRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral control (PC) request for circuit failures occurred in the maintenance request administrator (MRA).

418. SMRAQUE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered in a queue in the maintenance request administrator (MRA).

419. SMRARTA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Routing and terminal allocation (RTA) primitive failures occurred in the maintenance request administrator (MRA).

420. SMRATM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Terminal maintenance (TM) failures occurred in the maintenance request administrator (MRA).

421. SMRAUID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognizable unit ID was sent to the maintenance request administrator (MRA).

422. SMRAVB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognizable verb was sent to the maintenance request administrator (MRA).

423. SMRAXRF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A cross reference list problem was encountered in the maintenance request administrator (MRA).

424. SMRDACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when accessing the RLSMEST relation for a new active gated diode crosspoints (GDX) controller.

425. SMRDFHINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The RDFH system process was entered with other than the accepted initialization types.

426. SMRDFHMAIN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system process (RDFH) main work routine received a response other than type "OSMSG".

427. SMRDFHTCSC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLCGA_STAT or RLSMEST relation in one of the remote digital facility interface (RDFI) handler routines.

428. SMRDFHUXP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The main work routine of the RDFH system process received an illegal or unexpected operating system for distributed switching (OSDS) message.

429. SMRDMATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed when accessing the RLSMEST relation for the mate gated diode crosspoints (GDX) controller.

430. SMRDNINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMstfst() or SMstnxt() function failed to read the RLCKTDATA relation. An error exists in the office-dependent data (ODD) dictionary.

Data Structures:

RLCKTDATA.

The first two bytes of the first data dump contain the database (DB) return code. The second data dump contains the RLCKTDATA tuple that failed.

Action:

Seek assistance from the product engineering control center (PECC). If this problem occurs during retrofit, stop. The ODD must be rebuilt with the proper version of the DBgen tool.

431. SMREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

In the switch maintenance for the SM (SMIM) subsystem, an unexpected reason was encountered for the initialization of a SMIM system process.

432. SMRLNKRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMdet_rlnk() function returned an illegal value to the SMlk_start() function in a remote SM (RSM). The manual RSM communication link (CLNK) restoration will fail with a "TIMEOUT BEFORE PROTOCOL ESTABLISHED" response.

433. SMROTPNF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprtsi() function indicated that a digital carrier line unit (DCLU) service group had a peripheral interface data bus (PIDB) parity error. The array containing the parity error information (smprrotpar.entry[]) is empty.

434. SMRSM2HTU (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the RLHTU2RSM relation and the RLRS2HTU relation.

Probable Cause:

No rLRSM2HTU tuple was found for the given host transport unit number.

Action:

The rLRSM2HTU tuple which is keyed by rLHTU2RSM.rsm_num was not found. Verify that the rLHTU2RSM tuple is correct and insert the corresponding rLRSM2HTU tuple.

435. SMRSMCHALLOC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHALLOC	Audit Mode: elev

Problem:

The channel data block (CHDB) busy/idle bit map was in error for one of the remote SM (RSM) CHDBs.

436. SMRSMCHDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

The channel data block (CHDB) for one of the remote SM (RSM) communication links is in error. The CHDB is being used by another user.

437. SMRSMCOMM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLHMRSMCL relation in one of the host digital facility interface (HDFI) handler routines.

438. SMRSM_NAILUP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLCKTDATA, RLRS2CHAN, or RLHMRSMCL relation before "nailing up" a control time slot through the host SM (HSM).

439. SMRSMPCBLA (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: CHDB	Audit Mode: elev

Problem:

One of the remote SM (RSM) communication link channel data blocks (CHDBs) is being used by another process. That process is purged.

440. SMS96A01 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

SM system process (S96M) was created with an invalid reason.

441. SMS96A02 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the OSTIMER() macro due to invalid parameters.

442. SMS96A03 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid maintenance request administrator (MRA) request was received by the SLC® 96 protection line switch process.

443. SMS96A04 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SM system process (S96M) received a message with an invalid message type.

444. SMS96A05 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLC®-96 remote terminal (RT) circuit name derived from the message received by the S96M system process is invalid.

445. SMS96A06 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The S96M system process received a failure return from the DBfrdtup() function when trying to read the RLSMEST dynamic relation for T1 line states.

446. SMS96A07 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The S96M system process received a control interface (CI) scan message that reported activity on a channel control block (CCB) location. This process should not have received the message.

447. SMS96A08 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

A system process found an inconsistency between the RLS96EQUIP static relation and the RLSMEST dynamic relation on unequipped states of a circuit.

448. SMS96A09 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

The S96M system process could not create a protection line switch process. An audit of the RLS96DFI and RLS96SHELF dynamic relations is requested.

449. SMS96A10 (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

A system process could not read the RLS96DFI dynamic relation in order to determine the serving shelf, or the value read for the serving shelf was not valid (0xFFFF), indicating that a DCLU PLS process may have been purged.

450. SMS96A10 (5E13 only)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

A system process could not read the RLS96DFI dynamic relation in order to determine the serving shelf.

451. SMS96A10 (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

A system process could not read the RLS96DFI dynamic relation in order to determine the serving shelf, or the value read for the serving shelf was not valid (0xFFFF), indicating that a DCLU PLS process may have been purged.

452. SMS96A11 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A system process could not create a protection line switch due to operating system for distributed switching (OSDS) calls in the SMS96cr_pl() function (the create protection line process).

453. SMS96A13 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

A system process could not read the RLS96SHELF dynamic relation containing the shelf name to get the serving digital facility interface (DFI).

454. SMS96A14 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The S96M system process could not resolve a bank state for the remote terminal.

455. SMS96A17 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

A system process could not read the RLS96SHELF dynamic relation; therefore, the current state of the serving T1 line could not be determined.

456. SMS96A18 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

A system process could not read the RLSMEST dynamic relation for the T1 line circuit state.

457. SMS96A19 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

A system process could not read the RLSMEST dynamic relation to determine the circuit state of the T1 line currently serving the shelf.

458. SMS96A21 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return from the OSSENDMSG() macro restricted a system process from sending a remove or restore message to the maintenance request administrator (MRA). The bank state could not be changed and the system process must try again later.

459. SMS96A22 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return from the OSSENDMSG() macro restricted a system process from sending a remove or restore message to the maintenance request administrator (MRA) for the shelf circuit. Therefore, the shelf circuit could not be changed and the system process must try again later.

460. SMS96A24 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected in the population of the RLS96EQUIP relation.

Data Structures:

RLS96EQUIP.

Action:

The population of the RLS96EQUIP relation violated the population rules. These are the specific checks that can cause this assert:

1. If the rls96EQUIP tuple exists, the bank0mode attribute must not be PCUNEQ (=0).
2. If the bank0mode attribute is PCMODE1 (=1) or PCMODE2 (=2), the dfia attribute must be non-zero.
3. If the bank0mode attribute is PCMODE2, the dfib attribute must be zero.
4. If the bank1mode attribute is PCMODE1 or PCMODE2, either the dfic or dfid attribute must be non-zero.
5. If the bank1mode attribute is PCMODE2, the dfic attribute must be non-zero and the dfid attribute must be zero.

6. If the bank1mode attribute is PCUNEQ, both the dfic and dfid attributes must be zero.

If the rules regarding bank 0 are violated, the data found in the rIS96EQUIP tuple for bank 0, the A-subscriber digital facility interface (SDFI), and the B-SDFI are printed. Otherwise, the data for bank 1 was in error, so the data for bank 1, the C-SDFI, and the D-SDFI will be given. In both cases, the remote terminal (RT) internal circuit name will be provided. Use the RT name to look at its rIS96EQUIP tuple and resolve the inconsistency. Change the bank mode, put in the appropriate SDFI name, zero out the appropriate SDFI name, or delete the tuple.

461. SMS96A25 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer message was encountered, so the RLS96EQUIP relation could not be read.

462. SMS96A30 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function returned an error code when the SMreport() function tried to read the RLS96EQUIP relation. The internal name for the remote terminal (RT) involved is dumped.

463. SMS96A31 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

The DBfrdtup() function returned an error code when the SMreport() function tried to access the RLS96DFI relation.

464. SMS96A32 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

The DBfrdtup() function returned an error code when the SMreport() function tried to access the RLS96SHELF relation.

465. SMS96A34 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The DBfrdtup() function returned an error code when the SMreport() function tried to access the RLSMEST relation for a subscriber digital facility interface (S-DFI).

466. SMS96A35 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

The DBfrdtup() function returned an error code when the SMreport() function tried to access the RLSMEST relation for a T1 facility.

467. SMS96A36 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The *SLC*[®]-96 report module was passed an invalid remote terminal (RT) name and cannot formulate a message. There may be a problem in RT and T1 peripheral fault recovery (PFR), or in the maintenance request administrator (MRA).

468. SMS96A51 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected in the RLS96EQUIP relation.

Data Structures:

RLS96EQUIP.

Action:

During initialization, the function that populates the dynamic relations RLS96DFI and RLS96SHELF discovered an inconsistency. Although the rIS96EQUIP tuple has a bank0mode attribute that is PCMODE1 (=1) or PCMODE2 (=2), the dfia attribute is zero. Either the A-subscriber digital facility interface (SDFI) name should be entered in the dfia attribute, or the tuple should be deleted.

469. SMS96A60 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMS96pls() terminal process was created with an invalid entry reason.

470. SMS96A61 (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMS96pls() terminal process did not get a protection line switch (PLS) request from the SMS96m() system process.

471. SMS96A62 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the RLS96SHELF dynamic relation, or the rIS96SHELF tuple is missing for the named *SLC*[®]-96 shelf or bank.

472. SMS96A63 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMS96pls() terminal process failed to find an rIS96EQUIP tuple for the named *SLC*[®]-96 remote terminal (RT). The RT internal circuit name (the key to the rIS96EQUIP tuple) will be dumped in the first four digits in the data dump.

Data Structures:

RLS96EQUIP.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the RLS96EQUIP relation with the actual key used to access the relation.

473. SMS96A64 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the dynamic relation RLS96DFI, or the rLS96DFI tuple is missing for the subscriber digital facility interface (S-DFI).

474. SMS96A65 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the dynamic relation RLSMEST or the rLSMEST tuple is missing for the subscriber digital facility interface (S-DFI) or the SLC[®]-96 facility.

475. SMS96A66 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DFISHELF	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the dynamic relation RLS96SHELF, or the rLS96SHELF tuple is missing for the named SLC[®]-96 shelf or bank.

476. SMS96A67 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the RLCKTDATA relation or the rLCKTDATA tuple is missing for the named subscriber digital facility interface (S-DFI). The name will be in the first short in the data dump.

Action:

Use RC/V (or ODBE, if necessary) to cross-check the data set for the keys in the static relation RLCKTDATA with the actual keys used to access the relation.

477. SMS96A68 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CHDB	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the dynamic relation RLCHDB or the rLCHDB tuple is missing.

478. SMS96A69 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An error occurred in setting the keys used to read the dynamic relation RLCDBCOM or the rLCDBCOM tuple is missing.

479. SMS96BASEFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: BASE	Audit Mode: elev

Problem:

The DBfrdup() function returned DBNOMATCH when reading the RLS96BASE relation. The relation may have been accessed with an invalid digital carrier line unit (DCLU) unit number and service group number.

480. SMS96CKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected between the RLCKTDATA relation and the RLS96EQUIP relation.

Data Structures:

RLCKTDATA, RLS96EQUIP.

Action:

The population of the SM relations RLCKTDATA and RLS96EQUIP violated the population rules. The specific checks that can cause this assert are as follows.

1. An rLS96EQUIP tuple does not have a corresponding rLCKTDATA tuple for the A-shelf (or AB bank if mode2).
2. An rLS96EQUIP tuple contains an A-subscriber digital facilities interface (SDFI) name attribute that does not have an rLCKTDATA tuple.

In the first case, the remote terminal (RT) internal name and the A-shelf (AB bank if mode2) internal name will be provided. Use the A-shelf name to access the RLCKTDATA relation and use the RT internal name to access the RLS96EQUIP relation. Resolve the inconsistency by inserting an A-shelf rLCKTDATA tuple or by deleting the RT rLS96EQUIP tuple.

In the second case, the RT internal name and the A-SDFI internal name will be provided. Use the A-SDFI name to access the RLCKTDATA relation and use the RT internal name to access the RLS96EQUIP relation. Resolve the inconsistency by inserting an A-SDFI rLCKTDATA tuple or by deleting the RT rLS96EQUIP tuple.

481. SMS96CTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A camp-on timeout occurred during a restoration or removal of a SLC[®]-96 shelf or bank circuit. Ports associated with this unit may have been left in an inconsistent state.

482. SMSENDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro failed.

483. SMSEPSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLSMEST relation in the SMclsep() function.

484. SMSGN_NAMENM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance for the switching module (SMIM) database (DB) read macro returned a null service group number when a valid service group number was expected.

485. SMSLCKTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital carrier line unit (DCLU) error analysis function detected an unexpected circuit ID (non-SLC[®] circuit type) in a post-mortem buffer. The contents of the input message to peripheral fault recovery (PFR) and the contents of the PFR post mortem buffer are dumped.

486. SMSLERRNOIMPCK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital carrier line unit (DCLU) error analysis function was called to analyze a post-mortem buffer report that contained no implicated circuits. The contents of the input message to peripheral fault recovery (PFR) and the contents of the PFR post-mortem buffer are dumped.

487. SMSLERRTYPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital carrier line unit (DCLU) error analysis function received an error type that could not be mapped to a post-mortem report error type. The invalid error type received by the DCLU error analysis function, the contents of the input message to peripheral fault recovery (PFR), and the contents of the PFR post-mortem buffer are dumped.

488. SMSLPRCOUNTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMprcount() function returned an invalid or unexpected code to one of the digital carrier line unit (DCLU) error analysis functions. The invalid return code from the SMprcount() function, the contents of the input message to peripheral fault recovery (PFR), and the contents of the PFR post mortem buffer are dumped.

489. SMSLRCVYACTERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The digital carrier line unit (DCLU) error recovery function detected an unexpected action in a post mortem buffer. The contents of the input message to peripheral fault recovery (PFR), the contents of the PFR post mortem buffer type 1, and the contents of the PFR post mortem buffer type 2 are dumped.

490. SMSLTHRESHERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid threshold value was returned by the digital carrier line unit (DCLU) threshold function.

491. SMSPPFAUD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A signal processor (SP) had one or more of the following problems: ignore link control bit A, ignore link control bit B, or peripheral control (PC) scanning was incorrectly set. The register dump for SMsp_aud() contains the following information which is dependent on compiler changes:

%d3 = SP number

%d4 = Network link interface (NLI) number if the local lnk1_use is the TS_NLI enum

%d5 = SP link 1 number

%d6 = Expected state of link A

%d7 = Expected state of link B

%a2 = SP base address

%a3 = Actual state of link B

%a4 = Actual state of link A

%a5 = State of the SP control random access memory (RAM) inhibit link access bit (should always be 0)

Only local data is provided in the stack frame because no arguments are passed to the audit function. The stack local data is provided as follows (note on data marked swabbed, reverse first and second byte): LOCAL DATA: aaaabbcc

NAME	KEY	LOCATION
opr_sps	a	-2(%fp) to -1(%fp) [swabbed]
lnk1_use	b	-3(%fp)
lnk2_use	c	-4(%fp)

The opr_sps is the last operational SP to be audited and will be the maximum value for the SP number. The registers for iglka and iglkb are the values set in the hardware for the ignore link control bits A and B. The variables lnk1_use and lnk2_use are the uses for link A and link B respectively on the SP. The enumeration values are as follows:

VALUE	ENUM	USE
0	TS_NO_TSIS	No equipped time slot interchanger board
1	TS_UNEQ	Unequipped SP links
2	TS_NLI	NLI
3	TS_DX	Data expansion (DX)
4	TS_MCP	Messaging, central processor intervention, and pump (MCP)
5	TS_LOOP	Loop-back time slots

The problem source can be determined by comparing the expected state of the inspected bits to their actual state to find the non-matching set. If none of these tests fails, then scanning was not allowed on the SP. The conditions to test for are as follows:

1) expected of link A should equal the actual state of link A

2) expected of link B should equal the actual state of link B

3) SP control RAM inhibit link access bit should equal 0

Probable Cause:

A wild write or a purge of SP FIFO fault recovery while handling an SP FIFO full condition would cause problems with scanning, link A or link B. The SP control RAM inhibit link access bit may be set if the hardware is faulty or a software problem exists.

Action:

For sporadic occurrences of this problem, no action is required because the software corrects the problem. However, if the assert continues regularly then a software or hardware problem exists and technical assistance is needed.

492. SMSPLESEQINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The link establishment (LE) message received is inappropriate for the current state of the link indicating the sequence is out of order.

Probable Cause:

May have missed a message relating to this link or could be a spurious message.

Action:

Examine the data dumped to determine the source of the problem

493. SMSPRSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Read failure on SMEST relation in ISLU2 sparing action.

494. SMSWBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMfr_mctsi() function, the remove reason found in the variable SMas_sftw_sw was not valid.

495. SMTBLBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHDSLGP	Audit Mode: elev

Problem:

An inconsistency was found in the SMph_dslgp[] and/or SMdslgp_ph[] global arrays.

496. SMTRCUAUD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates that the transmission rate converter unit (TRCU) check, performed by the function SMtrcu_aud(), found a mismatch between the data structures used to identify the TRCU type(s) that the SM supports and the data in the RLTRCUPATH relation within the ODD.

Probable Cause:

This assert indicates that some software error has occurred or that the audited data structures have been corrupted.

Action:

No action is required. This assert is intended to provide information to the next level of support if the problem persists. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual. In addition to printing this assert, the function SMtrcu_aud() has also performed corrective action in an attempt to prevent this error from re-occurring.

497. SMTSIBUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit type was communicated to the SMprtsi() function by the SMpr() function.

498. SMTSIDBF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database subsystem (DB) returned an invalid value to the SMprtsi() function.

499. SMTSIUNLK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Parity checking is allowed (and errors are generated) on peripheral channels, but the software could not find an owning circuit for this timeslot/channel. Channel data blocks (CHDBs), peripheral interface data bus (PIDB) timeslot data blocks (PTSBs), and the RLHMRSML relation can all claim a timeslot.

Data Structures:

RLHMRSML.

The SMts[] array contains the information dumped to the ROP. SMts[] is an array of shorts (two bytes each); the first two entries are the event number of the PIDB parity interrupt (REPT:SM-HWLVL, TSI DI-ERR-BUFF) and the number of valid entries in SMts[]. Succeeding shorts contain the PIDB number in the bottom digit and the channel number in the first three digits. To get a "system PIDB number" as used in the RLCKTDATA and RLPICB relations, invert the bottom bit of the channel number, multiply by 16, and add to the PIDB number.

Action:

Check the office-dependent data (ODD) for multiple definitions of some circuits. Possibly, multiple ports are defined with the same offset (for example, channel 4), different circuit names (different PICBs), and the same base address (RLCKTDATA).

There may be a software problem, in which case the information of the associated timeslot interchange (TSI) interrupt should be examined. If some data is not printed due to message size limitations or brevity control, the SMts[] array may be dumped manually (dump:ut:sm).

500. SMTSMKERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

One or more time slot interchange (TSI) registers had bits set that cause errors to be inhibited. These bits should never be set, as interrupt inhibit administrator (IIA) owns all error inhibiting functionality. The DX register checked is

the TSDXDNC (diagnostic control register). The signal processor (SP) register checked is the SPCNTL (SP control register).

Probable Cause:

Software error. Non-IIA owned TSI registers were erroneously set.

Action:

None. The registers in questions were cleaned up. A bit map of the DX/SPs in error is dumped as part of the assert register dump (register d4). The DXs in error are identified in the lower byte and the SPs in error in bytes one through three.

501. SMUNEXPCAL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected call was made to dead code (a stubbed out function). The function returns OSNOTLOADED if it is of type RET_VAL (hdr/db/GLretrns.G).

502. SMUNITDATNM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup() returned a DBNO_MATCH when a valid circuit was expected in RLUNITDATA.

503. SMUNKRCVY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad parameter (recovery action) passed to SMtura_cont.

504. SMUNKRQST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A restore request was received from an unrecognized source (that is, an unknown message type). The message buffer contents appear with the data dump for this event.

505. SMUPACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfuptup() function failed when accessing the RLSMEST relation for a new active gated diode crosspoints (GDX) controller.

506. SMUPMATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfuptup() function failed when accessing the RLSMEST relation for the mate gated diode crosspoints (GDX) controller.

507. SMUTYPEBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecognized unit type was detected. The specific unit type value in question may be determined based on the contents of the run-time data structure included in the dump.

508. SMVER_CONN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the RLRCB_HCB relation when verifying the connection of a remote digital facility interface (RDFI) with its associated host DFI (HDFI).

509. SMWREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The terminal process GLPGSMLB was created with an invalid entry reason. The SM or the user mistakenly called the SMIb_entry() function. This assert precedes a call to the OSSUICIDE() macro to prevent the SMIb_entry() function from being executed unexpectedly.

510. SMXRFAUDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is used to indicate that the function SMxrf_aud() found some type of error.

Data Structures:

RLCKTDATA, SMxrf_config, SMxrf_dli[].

Action:

No action is required. This assert is intended to provide information to the next level of support if the problem persists. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

511. SMXRHSMISMATCH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is used to indicate that the function SMxrf_aud() has found an inconsistency between the TSICOM's CLI value in the ODD and the hardware status reflected in the TSICOM's clock control register.

Data Structures:

RLCKTDATA, SMtscmver[]

Action:

The probable cause of this assert is the berg on the back of the TSICOM that brings the external references into the TSI has been disconnected. This causes the hardware to believe that external references aren't being used, while the TSICOM's CLI has either bit 2 or 3 set which causes most of the software to believe that they are. The TSICOM's clock control register and version register, as well as the TSICOM's CLI value will all be dumped to the ROP with this assert. In addition, the affected TSI's circuit name will also be printed. A circuit name of 0x34 indicates that the inconsistency was found with the TSICOM on side 0 and a value of 0x54 indicates that the problem was

identified with side 1.

Range: smkp**1. CHBUGACTION (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action field was found in a message to a core strategy system process (SPP).

2. CHBUGAQUAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action qualifier field was found in a message to a core strategy system process (SSP).

3. CHBUGCLASS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event class was found in a message to a core strategy system process (SPP).

4. CHBUGCSTENTRY_ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid entry was found in a core strategy table.

5. CHBUGDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Office network and timing complex (ONTC) strategy system process (SSP) or time multiplexed switch (TMS) CON received a LOAD UT TMS command with either an invalid command count (first byte dumped) or an invalid length (second byte dumped).

Probable Cause:

Software error.

Action:

Seek technical assistance. Stop attempting "load UT" commands until the problem is resolved.

6. CHBUGEID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event index was encountered. An invalid return was received from the CHsspasync() function.

7. CHBUGEINITYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid software initialization type was encountered for a core switch maintenance error recognition (SMER) process.

8. CHBUGERRTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid error type field was found in a message to a core strategy system process (SSP).

9. CHBUGESIDE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid eqid.lev0unum field was found in a message to a core switch maintenance error recognition (SMER) process.

10. CHBUGESMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type parameter was passed to the CHesync() function.

11. CHBUGEUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid eqid.unit field was found in a message to a core switch maintenance error recognition (SMER) process.

12. CHBUGEVCAUSE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event cause was returned from the CHerasync() function.

13. CHBUGINITYPE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid software initialization type was encountered for a core strategy system process (SSP).

14. CHBUGMMSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid core state was encountered for min mode.

15. CHBUGMSGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing and control (ONTC) strategy system process (SSP) switch maintenance analysis and recovery strategic process has received a message with an unexpected message type.

Probable Cause:

Either the sending process sent the message in error or the ONTC SSP has gotten out of synchronization between the CHsspasync() and CHsyncmsg() functions.

Action:

This assert has been added to simplify the debugging of a bad message. This is an informational assert indicating a software problem. No action can be taken other than analyzing the erroneous message, which is dumped by this assert in data block 1.

16. CHBUGNCCRTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason field was found in an acknowledgment from the network clock configuration (NCCON) process.

17. CHBUGOOSERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A core out-of-service (OOS) side error threshold was exceeded.

18. CHBUGOSSRTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the OSSENDMSG() macro.

19. CHBUGOSWRTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return message from the OSWGETFROM() or OSWGETMSG() macro was not the OSMSG message type.

20. CHBUGPF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid percent fail value was encountered for core.

21. CHBUGPOSTPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid event type parameter was passed from the CHercntrl() function.

22. CHBUGREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) strategy system process (SSP) received a failure return from the SMddread() or DDread() function.

23. CHBUGSIDE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid eqid.lev0unum field was found in a message to a core strategy system process (SSP).

24. CHBUGSMNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) strategy system process (SSP) received a request with an invalid SM number, or a failure return from the SMddread() or DDread() function with an invalid SM number.

25. CHBUGSMRTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the CHsyncmsg() function.

26. CHBUGSMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was encountered on a CHsyncmsg() function call.

27. CHBUGSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) state was invalid when the ONTC strategy system process (SSP) received a request.

28. CHBUGTOCAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) strategy system process (SPP) is waiting for an acknowledgement message for configuration administration (CAD).

29. CHBUGTOIIA (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) strategy system process (SSP) detected a timeout of the interrupt inhibit administrator (IIA) process during inhibit (INH)/allow (ALW) action.

30. CHBUGUDGR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) strategy system process (SSP) detected an ONTC in a degraded (DGRD) state when it should have been in an active (ACT) state. The ONTC is updated to ACT.

31. CHBUGUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit field was found in a message to a core strategy system process (SSP).

32. CHBUGWRITE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office network timing complex (ONTC) strategy system process (SSP) received a failure return from the SMddwrite() or DDwrite() function.

33. PIASTACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message action was requested.

34. PIASTCMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid central processor intervention (CPI) command was requested.

35. PIASTDBR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred during a database (DB) read.

36. PIASTELP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data collected during central processor intervention (CPI) broadcast was corrupted.

37. PIASTLLS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while determining the logical link status.

38. PIASTMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message return or message type was received in the central processor intervention (CPI) strategy system process (SPP).

39. PIASTREA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason for process was encountered.

40. PIASTSRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message source was encountered.

41. PIASTST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid program state was encountered.

42. PIASTTRG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid SM number was received from a data delivery (DD) trigger function.

43. SM2WAYTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddwrite() function returned an invalid completion code while attempting to write the time multiplexed switch (TMS) 2-way connect flag.

44. SMARBARG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was found on entry to switch maintenance analysis and recovery strategies (SMARS). The parameter should be OSRSPP (single process purge) or OSRREPLACE (due to initialization).

45. SMARBDON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The done message or the done and reschedule message did not match the in-progress queue entry.

46. SMARBETY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The event type field in the SMERMSG message structure was invalid or out of range.

47. SMARBRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return value from the OSWGETMSG() macro was not OSMSG.

48. SMARBRSN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for entry to switch maintenance analysis and recovery strategies (SMARS) was invalid. The reason should be OSRREPLACE.

49. SMARBSND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned a failure code other than a resource problem.

50. SMARQDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance analysis and recovery strategies (SMARS) queue data was inconsistent or invalid.

51. SMARSSPT (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: PCD	Audit Mode: elev

Problem:

On strategy system process (SSP) timeout, the SSP is purged to allow processing to continue.

52. SMBADACTTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown action field was found in the received message.

53. SMBADNEQTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A fixed number of equipage commands required for degrading was not returned by the time multiplexed switch (TMS) hardware.

54. SMBADODD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading relation RL GSM_OPC in ODD an indexing error occurred.

Probable Cause:

Bad originating point code relations in the ODD.

Action:

Check relation RL GSM_OPC in ODD. Get help from next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

55. SMBADREASON (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason code for a recent change trigger was not insert, delete or update.

Probable Cause:

Software error.

Action:

Report problem to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

56. SMBADTMSFUNC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time multiplexed switch configuration (TMSCON) process was requested to perform an unknown function.

57. SMBADUNITTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown unit field was found in the received message.

58. SMC5DBNOK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received a failure return from the SMddread() function.

59. SMC5DETIME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an unexpected return from the OSDETIMER() macro.

60. SMC5ELGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an unexpected return from the operating system for distributed switching (OSDS); the length of the message sent or received was greater than allocated.

61. SMC5ELOOP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Activation of a configuration administration (CAD) driver resulted in a looping error.

62. SMC5EPROC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an invalid process ID in a return from the operating system for distributed switching (OSDS).

63. SMC5FEXEC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The configuration administration (CAD) driver failed to activate.

64. SMC5IABT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an abort message with an unexpected process identifier (PID).

65. SMC5IBACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The configuration administration (CAD) driver was not expecting an acknowledgement message.

66. SMC5IBLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received a new request message while it was busy processing a request. CAD can only process one request at time.

67. SMC5IBNR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The configuration administration (CAD) driver was busy when a new request was received.

68. SMC5ICHID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The configuration administration (CAD) child driver was not recognized.

69. SMC5IDREAS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) detected an invalid driver activation reason.

70. SMC5IDRID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) detected an invalid driver value.

71. SMC5IDTCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) detected an invalid timer tag value.

72. SMC5IEARG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A configuration administration (CAD) entry routine was invoked with an invalid parameter.

73. SMC5IEQID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) internally detected an invalid equipment ID.

74. SMC5IEREAS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A configuration administration (CAD) entry routine was invoked with an invalid reason.

75. SMC5IEVMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received a message with an invalid event number; the event number was equal to 0, or an acknowledging message's event number did not match the original event number that was expected.

76. SMC5IFPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

No active foundation peripheral controllers (FPCs) were available to connect to the control and diagnostic access link (CDAL) for an office network timing complex (ONTC) configuration.

77. SMC5IMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received a request message, but could not find a routine to process it. CAD received an invalid unit and/or action and/or action qualifier.

78. SMC5IMSTY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) was invoked with an invalid message type.

79. SMC5IMTAG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) detected an invalid message buffer index value. The CAD's message buffer will not be freed.

80. SMC5IRCV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an invalid return value from the operating system for distributed switching (OSDS).

81. SMC5ISMTHD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) internally detected an invalid search method.

82. SMC5ISND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an invalid return from the OSSENDMSG() macro.

83. SMC5ITIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received a timer message that was not recognized.

84. SMC5ITRNG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an unexpected timer return range from the operating system for distributed switching (OSDS).

85. SMC5MSTE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received an unexpected timer error from the operating system for distributed switching (OSDS).

86. SMC5NOMBUF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) could not find a free message buffer to save the original request message.

87. SMC5NOTCC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) could not find a free timing cell.

88. SMC5STRAY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) received a stray acknowledgement message.

89. SMC5TCLC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on communication link configuration (CLCON).

90. SMC5TDLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLI	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on dual link interface configuration (DLICON).

91. SMC5TDRVR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The configuration administration (CAD) driver timed out.

92. SMC5TFPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on foundation peripheral controller configuration (FPCCON).

93. SMC5TIIA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on the interrupt inhibit administrator (IIA).

94. SMC5TLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on link interface configuration (LICON).

95. SMC5TMI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on message interface configuration (MICON).

96. SMC5TMMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on module message processor configuration (MMPCON).

97. SMC5TMSC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on message switch control unit configuration (MSCUCON).

98. SMC5TNC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on network clock configuration (NCCON).

99. SMC5TPIP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Configuration administration (CAD) timed out on CMP configuration (CMPCON).

100. SMC5TPPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on pump peripheral controller configuration (PPCCON).

101. SMC5TQGP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The configuration administration (CAD) process in switch maintenance kernel process (SMKP) timed out while waiting for quad gateway processor fault recovery controller (GPCON).

Action:

None

102. SMC5TQLC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLNK	Audit Mode: elev

Problem:

The configuration administration (CAD) process in switch maintenance kernel process (SMKP) timed out while waiting for quad-link fault recovery controller (QLCON).

Action:

None

103. SMC5TTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TMSLNK	Audit Mode: elev

Problem:

Configuration administration (CAD) timed out on time multiplexed switch configuration (TMSCON).

104. SMCLACKMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send an acknowledgement message from the SMclmanual() function.

105. SMCLBADLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid link was specified as input to the interrupt inhibit function SMia_clim() for communication links.

106. SMCLBADMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) returned an invalid value when the SMclcon() process was waiting "forever" for a message.

107. SMCLBADSRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid source field was specified in a message.

108. SMCLBIMO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No SM relation was found for an SM that was in a synchronous data link controller (SDLC) relation.

109. SMCLBIMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid SM number in a switch logical links message was sent to the SMclcon() function.

110. SMCLBNMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was in the action field of a request message to communication link normalization (CLNORM).

111. SMCLBOSRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return value was received from an operating system for distributed switching (OSDS) message receiving primitive.

112. SMCLBRMV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid identifier was found in a remove message that was sent to the SMclcon() function.

113. SMCLBRST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit identifier was found in a restore message that was sent to the SMclcon() function.

114. SMCLCADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received when trying to send configuration administration (CAD) a message.

115. SMCLCADRTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message to configuration administration (CAD).

116. SMCLCINVAL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was passed for the SMclcon() function entry.

117. SMCLDB1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddwrite() function failed to write the communication link state to the link map.

118. SMCLDB2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read static data from the RLSSDLC relation.

119. SMCLDB3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function failed for a logical link map read.

120. SMCLDB4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A logical link map write returned a failure.

121. SMCLDB8 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the DBfrdtup() function when it was called by communication link (CL) switch maintenance error recognition (SMER) to read the RLSSDLC relation. No SM number could be found which matched the control time slot specified in an SM link error message. This error may occur when the SM loses its A flip-flop.

122. SMCLDBO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned an unknown state of the communication link from the link map.

123. SMCLDD1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function failed during a communication link action.

124. SMCLDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the SMddread() function. The SMddread() return code will be in the first report data message, and the link map eqid parameter will be in the second message.

125. SMCLDELTIM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred with killing an operating system for distributed switching (OSDS) timer in the communication link normalization (CLNORM) system process. Either the timer did not exist, or was already expired.

126. SMCLDMAMMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send deferred maintenance administrator and monitor (DMAN) an acknowledgement message after a restore function.

127. SMCLEIMMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link (CL) switch maintenance error recognition (SMER) received an invalid link identifier in an SM level 2 error message. The error message will be dumped.

128. SMCLERRMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link (CL) switch maintenance error recognition (SMER) received an invalid failure type in an SM end to end communication failure message.

129. SMCLESEND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the OSSENDMSG() macro in communication link (CL) switch maintenance error recognition (SMER) or switch maintenance analysis and recovery strategies (SMARS). The OSSENDMSG() return code will be in the first report data message, the topid parameter will be in the second report data message, and the message will be in the third report data message.

130. SMCLEWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the OSWAIT() macro in communication link (CL) switch maintenance error recognition (SMER) or switch maintenance analysis and recovery strategies (SMARS). The process already received an out-of-msg-buffers response from the OSSENDMSG() macro, and was waiting a short time before sending another message when it received a failure return from OSWAIT(). The OSWAIT() return code will be dumped.

131. SMCLFPCMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message to the foundation peripheral controller (FPC) handler in the message switch kernel process (MSKP).

132. SMCLICADTMOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message timer timed out while waiting for an initialization and configuration administration (ICAD) response in the configuration link (CL) switch maintenance analysis and recovery strategies (SMARS) process.

133. SMCLIIAREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid interrupt inhibit administrator (IIA) request was received.

134. SMCLIM (and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received when sending a message to an SM.

135. SMCLINERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal error occurred in the SMclcon() function while working on a particular SM and link.

136. SMCLINVAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason code was sent to the CLMANUAL system process.

137. SMCLINVPAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid parameters were passed to the operating system for distributed switching (OSDS) by the communication link normalization (CLNORM) system process when requesting a timer.

138. SMCLINVSM (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link fault recovery received a message containing an invalid SM number.

Probable Cause:

Software error or data corruption.

Action:

System will execute appropriate corrective action. If problem persists, provide assert data to next level of support.

139. SMCLISOL (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid SM number was specified on an isolate SM request.

140. SMCLKFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while trying to get the real time clock using the operating system for distributed switching (OSDS) macro OSGETRTIME(). The clock may not have been set or the macro may have returned invalid data.

141. SMCLMANDONE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CLMANUAL system process' strategy system process (SSP) failed to send a done message to switch maintenance analysis and recovery strategies (SMARS).

142. SMCLMANMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the CLMANUAL system process.

143. SMCLMMPMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message to the module message processor (MMP) handler in the message switch kernel process (MSKP).

144. SMCLMSFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor (MMP) handler returned a failure acknowledgement to communication link (CL) switch maintenance error recognition (SMER) in response to the request to read error counts from the MMP. The acknowledgement message will be dumped.

145. SMCLMSKP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message to the message switch kernel process (MSKP).

146. SMCLMSMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message to the message switch control unit (MSCU) handler in the message switch kernel process (MSKP).

147. SMCLMSRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) returned an invalid message.

148. SMCLNINVAL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was passed for the SMInorm() function entry.

149. SMCLNMBM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link normalization (CLNORM) process's operating mode that was read by CLNORM was invalid.

150. SMCLNMTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was sent to the communication link normalization (CLNORM) process.

151. SMCLNOMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the OSWGETMSG() macro in the communication link (CL) switch

maintenance error recognition (SMER) or switch maintenance analysis and recovery strategies (SMARS) system process. The OSWGETMSG() return code will be in the first report data message. The error message will be in the second report data message.

152. SMCLNORMREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CLMANUAL system process received an invalid request from the communication link normalization (CLNORM) process.

153. SMCLNOTCLNC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CLMAN process in the switch maintenance kernel process (SMKP) received a request from an unexpected source. This process handles manual or deferred requests related to communication links.

154. SMCLNOTINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link initialization received an invalid action.

155. SMCLNOTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the OSWGETTYPE() macro when communication link (CL) switch maintenance error recognition (SMER) attempted to wait for the message from the module message processor (MMP) handler with the MMP error counts. The OSWGETTYPE() return code will be in the first report data message, and the message will be in the second report data message.

156. SMCLPREF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid preferred link configuration action was specified to the SMclprefconf() function.

157. SMCLREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason code was given to communication link (CL) switch maintenance error recognition (SMER) or switch maintenance analysis and recovery strategies (SMARS) at the process initialization entry point. The reason code will be dumped.

158. SMCLREQFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization and configuration administration (ICAD) sent a failure return to the configuration link (CL) switch maintenance analysis and recovery strategies (SMARS) process in acknowledgement of a recovery request message.

159. SMCLRS3LNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During communication link (CLNK) re-synchronization, more than two CLNKs to an SM were active. CLNK-related data from the message switch control unit (MSCU) translation tables is suspect.

160. SMCLRSBMMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During communication link (CLNK) re-synchronization, an invalid physical module message processor (MMP) number was found in the message switch control unit (MSCU) translation table (MTT). The MSCU copied the MTT to the AM via direct memory access (DMA) in response to the re-couple physical input/output (PIO).

161. SMCLRSBONTC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During communication link (CLNK) re-synchronization, an active remote switching module (RSM) CLNK was on an in-service office network timing complex (ONTC) that was not major. RSM CLNKs should only be active on the major ONTC. CLNK-related data from the message switch control unit (MSCU) or module message processor (MMP) is suspect.

162. SMCLRSDDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link (CLNK) re-synchronization software received a failure indication when attempting to obtain the number of an equipped SM from data delivery.

163. SMCLRSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the OSSENDMSG() macro when the communication link (CL) switch maintenance error recognition (SMER) process attempted to send a message to the module message processor (MMP) handler to read the MMP error counts. The OSSENDMSG() return code will be in the first report data message, the topid parameter will be in the second, and the message will be in the third.

164. SMCLRSMO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link (CLNK) re-synchronization software failed to read the RLMODATT relation.

165. SMCLRSMTT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During communication link (CLNK) re-synchronization, an invalid or inconsistent logical link configuration was found in one of the message switch control unit (MSCU) translation tables (MTTs). Each MSCU copied its MTT to the AM via direct memory access (DMA) in response to the re-couple physical input/output (PIO).

166. SMCLRSPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Communication link (CLNK) re-synchronization software failed to read the RLSPC relation to determine the type (even or odd) of module message processor (MMP).

167. SMCLSMIF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link configuration process (CLCON) function SMSndmimsg() returned a failure code. Message interface (MI) receive switches may not have been set correctly.

168. SMCLSEND1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a communication link configuration message to an SM.

169. SMCLSSPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link (CL) switch maintenance analysis and recovery strategies (SMARS) strategy system process (SSP) reached a state in which no strategy was planned for recovering from link errors. The error message will be in the first report data message, and the error counts and the interrupt inhibit status of the link will be in the second report data message.

170. SMCLSSPMMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message type received in the function that processes communication link (CLNK) errors was invalid. The message type should be MGSMEVENT.

171. SMCLSSPOOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link (CLNK) strategy system process (SSP) determined that the threshold for errors on an out-of-service communication link was exceeded. A CLNK initialization will be performed for the affected SM.

172. SMCLSSPTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication link (CL) switch maintenance analysis and recovery strategies (SMARS) strategy system process (SSP) received an unexpected error type in a switch maintenance error recognition (SMER) message. The error message will be dumped.

173. SMCLSSPUNIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMCLNK was not received as a unit in the SMcl_analyze() function in the SMcl_proc.c file.

174. SMCLTMSIDE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid time multiplex switch (TMS) number was passed to a function that re-establishes the control time slot (CTS) connections through the TMS. A parameter was corrupted before the called function received it.

175. SMCLWGET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the OSWGETMSG() macro in the communication link (CL) switch maintenance analysis and recovery strategies (SMARS) process while awaiting acknowledgement of a request from initialization and configuration administration (ICAD). The OSWGETMSG() return code will be in the first report data message; the message will be in the second report data message.

176. SMCLWRAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action field was found in a message to the SMclcon() function.

177. SMCLWRSORC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid source field was found in a message to the SMclcon() function.

178. SMCLWRTYPE (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message to the communication link configuration (CLCON) process contained an invalid or unexpected message type.

Probable Cause:

Software error or data corruption.

Action:

System will execute appropriate corrective action. If problem persists, provide assert data to next level of support.

179. SMCLWRTYPE (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message type was passed in a message to the SMclcon() function.

180. SMCLWRUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit field was found in a message to the SMclcon() function.

181. SMDBCTSTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database access function SMtmscts() returned an invalid completion code.

182. SMDBEQTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time multiplexed switch (TMS) equipage static database access function SMtmseq() returned an invalid completion code.

183. SMDBLNKTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic database access function SMddwrite() or SMwrite() returned an invalid completion code when attempting to write to the time multiplexed switch (TMS) network control and timing (NCT) link database.

184. SMDDRQLPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

Time multiplexed switch configuration (TMSCON) received an error return from SMddread().

Probable Cause:

Invalid key used, or peripheral configuration data (PCD) corrupted.

Action:

Schedule audits of quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QLPS) PCD.

185. SMDFRERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was passed to the SMdfail() function.

186. SMDIVZERO (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While initializing the SMcmwtws array, a division by zero occurred.

Probable Cause:

Data is corrupt in array SMcmtpath_both, CMT path connectivity data in ODD is invalid or software error.

Action:

Verify CMT path data in ODD or provide data to next higher level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

187. SMDLIANA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not perform analysis of the dual link interface configuration (DLICON) input configuration request message to determine the configuration data to be sent to the SM(s).

188. SMDLIAUTISS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid result was returned from automatic timeslot switching (AUTISS).

189. SMDLIDDDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data delivery data was passed to the dual link interface (DLI).

190. SMDLIMODDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid module data was passed to the dual link interface (DLI).

191. SMDLIMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was passed to the dual link interface (DLI).

192. SMDLI_READ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the DDread() function.

193. SMDLIREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was passed to the dual link interface (DLI).

194. SMDLI_SIDE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid side was passed to the dual link interface (DLI).

195. SMDLISMNO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the call to the DDread() function with the SM number parameter.

196. SMDLIUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit was passed to the dual link interface (DLI).

197. SMDLIWRTE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the DDwrite() function.

198. SMDMBADLOG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the physical to logical translation for a valid unit.

199. SMDMILLID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal unit identification was received for updating maintenance display pages.

200. SMEQQLPSTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

The function SMqlpstgwk() received a bad equippage status in RLQLPS.

Probable Cause:
Corrupted rQLPS tuple.

Action:
Compare the dumped "eqstat" with the expected "eqstat" and correct.

201. SMEQSTIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

An invalid equipage state for a unit was received in the message to the TRIG system process in the switch maintenance kernel process (SMKP). The valid and invalid values vary depending on the unit.

For an SM, the valid values for the trigeqstat local variable in the TRIG function SMimtgwork() are SMUNEQ, SMSGRO, and SMOPER. The invalid value of trigeqstat is SMGROW. This assert will dump the trigeqstat local variable of the enumeration type DMEQSTAT.

202. SMEQSTLNKTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An invalid equipage state for a unit was received in the message to the TRIG system process in the switch maintenance kernel process (SMKP). The valid and invalid values vary depending on the unit.

For a time multiplexed switch (TMS) link, the valid values for the neweqstat local variable in the TRIG function SMimtgwork() are SMGROW, SMSGRO, and SMOPER. The valid value for the oldeqstat local variable is SMGROW. The invalid value for either variable is SMUNEQ. This assert will dump the neweqstat and oldeqstat local variables of the enumeration type DMEQSTAT.

203. SMEQSTMMPTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An invalid equipage state for a unit was received in the message to the TRIG system process in the switch maintenance kernel process (SMKP). The valid and invalid values vary depending on the unit.

For a module message processor (MMP), the valid values for the oldeqstat and neweqstat local variables in the TRIG function SMimtgwork() are SMGROW and SMOPER. The invalid values are SMUNEQ and SMSGRO.

For the oldgrweqstat and newgrweqstat local variables in the TRIG function SMimtgwork(), the valid values are SMUNEQ, SMGROW, and SMOPER. The invalid value is SMSGRO.

Asserts can not dump more than three pointers; however, there are four possible local variables to be analyzed. This assert will dump the text portion of the message which contains the same data as the four local variables. Only two of the four attributes in the message need be analyzed, depending on the recent change reason.

1. If the attribute msgptr->text.pctrig.reason is equal to DB_INSERT or DB_UPDATE, the two attributes to analyze are msgptr->text.pctrig.newpctup.eqstat and msgptr->text.pctrig.newpctup.grweqstat.

2. If the attribute msgptr->text.pctrig.reason is equal to DB_DELETE, the two attributes to analyze are msgptr->text.pctrig.oldpctup.eqstat and msgptr->text.pctrig.oldpctup.grweqstat.

204. SMERANGE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When message switch control unit configuration (MSCUCON) was waiting for the MSCU handler to acknowledge, an invalid wait time was specified.

205. SMERCATTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The error category or return code from the SMerrck() function does not exist.

206. SMFABRSTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown type of fabric update was indicated to be performed.

207. SMFACK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown process sent an invalid return code to the foundation peripheral controller (FPC) strategy system process (SSP) configuration administration (CAD) acknowledgement routine.

208. SMFALREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was found for creating message switch control unit configuration (MSCUCON).

209. SMFAUST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The status of the foundation peripheral controller (FPC) could not be read. An audit of the FPC is requested, then the process is purged.

210. SMFBDACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid acknowledgement was received from initialization and configuration administration (ICAD). Either the acknowledgement was successfully received and found to be invalid, or an error occurred while waiting for the acknowledgement. Execution will continue and the message sent to ICAD and the acknowledgement message received will be dumped.

211. SMFBDCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid error count was returned from the error count checking routine SMerrck(). The two error counters are dumped.

212. SMFBMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the foundation peripheral controller (FPC) strategy system process (SSP). Probably corrupted data was found within the message.

213. SMFBDOS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while waiting for an acknowledgement from configuration administration (CAD). The return code from the OSWGETTYPE() macro was either OSTIMEOUT or an invalid return code. The message sent will be dumped and the foundation peripheral controller (FPC) strategy system process (SSP) will be purged.

214. SMFINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When the foundation peripheral controller (FPC) strategy system process (SSP) checked the state and event for a specific action to be taken, the event was invalid for the determined state. This could indicate that the error counters are out of synchronization with the system states.

215. SMFOSND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned failure for a reason other than a resource problem. Possibly, the destination process did not exist or the destination process expected a message of a different size. The data dumped contains the message that OSSENDMSG() attempted to send.

216. SMFPC1SND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the OSSENDMSG() macro. The process will be purged and the message buffer will be dumped for analysis.

217. SMFPC2SND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code from the OSSENDMSG() macro indicated that the message sent was the wrong length. The message will be dumped for analysis.

218. SMFPCBMSGR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller configuration process (FPCCON) received an invalid message type.

219. SMFPCCTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller configuration process (FPCCON) timed out while waiting for an acknowledgement from an OSWGETTYPE() macro message.

220. SMFPCDDBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An invalid value for the foundation peripheral controller (FPC) duplex failure data delivery (DD) key DDFPCDFTRIG was encountered.

221. SMFPCDDUPDT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data delivery or a central processor intervention (CPI) write failed.

222. SMFPCINP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller configuration process (FPCCON) received an invalid equipment ID or request action.

223. SMFPCINSIDE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid side was passed to the foundation peripheral controller configuration process (FPCCON). Side 0 is assumed.

224. SMFPCMNF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was not found in its saved input buffer in the foundation peripheral controller configuration process (FPCCON) code.

225. SMFPCMRR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) handler sent an invalid message to the FPC configuration process (FPCCON). The message pointer and the message buffer sent to the FPC handler will be dumped.

226. SMFPCNOACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

No active foundation peripheral controller (FPC) was found while the FPC duplex failure was not in effect.

227. SMFPCNOCH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) duplex failure code could not determine the invalid state that the FPCs were put in.

228. SMFPCOSWT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller configuration process (FPCCON) sent a message to the FPC handler, but an error occurred when the OSWGETTYPE() macro was called in FPCCON.

229. SMFPCPCD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) duplex failure code found the FPC states in an invalid combination for FPC duplex failure.

230. SMFPCPTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) strategy system process (SSP) timed out while waiting for an acknowledgement from configuration administration (CAD).

231. SMFPCREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason code was sent to the foundation peripheral controller (FPC) process. A valid reason is stable clear, transient clear, or single process purge.

232. SMFPCSWE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) was in an invalid state of active or standby during the conditional

restoration of a message switch control unit (MSCU). The normal state for an FPC during this restoration should be OOS/AUTO/FAMILY removed.

233. SMFPCSWR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The foundation peripheral controller configuration process (FPCCON) could not update the FPC status. An audit is called and the currently running process is purged.

234. SMFPCTIME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) strategy system process (SSP) received an invalid timer tag. All FPC SSP timers concern FPC duplex failure operations. The timers are retired and rescheduled.

235. SMFPCTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The foundation peripheral controller (FPC) received a request to restore the standby unit. The FPC configuration process (FPCCON) sent a message to the FPC handler and a timer was placed on this message. The timer failed before the message was returned to FPCCON.

236. SMFPCWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in sending a message to the switch maintenance analysis and recovery strategies (SMARS) process. No message buffers were available. The current running process is purged.

237. SMFPCWGET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The calling process sent an invalid message to the foundation peripheral controller (FPC). The process will be purged and data will be dumped to help identify the calling process.

238. SMFPCWMF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid timer value return type was received from an OSWGETTYPE() macro message that was used in the foundation peripheral controller configuration process (FPCCON). The running process is purged.

239. SMFPCWMT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A buffer size was incorrect on an OSWGETTYPE() macro call.

240. SMGETPTA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Message switch control unit configuration (MSCUCON) failed while trying to get page table addresses and segment IDs. An invalid pointer may have been used to obtain the information.

241. SMHMSGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch control unit (MSCU) handler incorrectly filled in the fields for the acknowledgement to MSCU configuration (MSCUCON), or the message size was too long. The loads may be incompatible.

242. SMHMTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The human machine (HM) function HMoutmsg() returned an invalid completion code.

243. SMIABDAMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received a message with an unrecognizable action field.

244. SMIABDINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) process was entered with an unrecognizable reason argument.

245. SMIABDTMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received a message with an invalid message type.

246. SMIABDUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received a message with an equid field containing an unrecognizable unit.

247. SMIADBRDF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed in the interrupt inhibit administrator (IIA).

248. SMIADDRDF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function failed in the interrupt inhibit administrator (IIA).

249. SMIAIEMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received an unrecognizable error code (return code) from an OSWGETMSG() macro call.

250. SMIAINVPROC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned an invalid process error when the interrupt inhibit administrator (IIA) tried to send a message.

251. SMIALEMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received an OSELENGTH return code on an OSWGETMSG() macro call.

252. SMIAMEMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received one of the following return codes from an OSWGETMSG() macro call - OSERANGE, OSENOTCB, or OSTIMEOUT.

253. SMIANOMCB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received an OSENOMCB error on an OSSENDMSG() macro call.

254. SMIAOSEUN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) received an OSEUN error on an OSSENDMSG() macro call.

255. SMIBADNLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The relation rNLI_LNK could not be read for a network link interface (NLI) less than the number of equipped NLIs stated by the eq_lis attribute in the relation rMODATT. The local version of eq_lis in PHDATA has been re-adjusted and initialization control (ICON) will try to continue.

256. SMIEXLIMAX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The eq_lis attribute in the relation rMODATT exceeds the maximum number of NLIs for a SM-2000 (as defined by SMNLIMAX).

257. SMIMCTSTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The maximum number of allowable control time slot (CTS) buffers was exceeded.

258. SMINLINVLT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The equipage state (eq_stat) of a NLI read from the rNLI_LNK relation is invalid (not operational, unequipped, or grow). The NLI will be marked as unequipped and ICON will try to continue.

259. SMINMT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected message type was sent to a switch maintenance analysis and recovery strategies (SMARS) process.

260. SMINRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return was received from the OSWGETMSG() macro.

261. SMINREATG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid system process initialization reason was passed to the TRIG system process in the switch maintenance kernel process (SMKP). The expected valid reasons are OSRSTCLR, OSRTRCLR, or OSRSPP. This assert will dump the reason local variable of type short.

262. SMINVACQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected action qualifier was encountered.

263. SMINV_CMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was detected by the SM, peripheral configuration data (PCD) audit, or the switch maintenance kernel process (SMKP) pertaining to the communication module processor (CMP) logical link map (LLM) or PCD.

264. SMINVDDR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read error occurred.

265. SMINVNLIMAP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The path hunt data (PHDATA) entry for a SM and initialization control's (ICON's) network link interface (NLI) map (SMinref.nli_map) are in disagreement. One indicates that the SM is a SM-2000 and the other indicates that it is not.

266. SMINVREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected action request was encountered.

267. SMINVRSM2K (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The path hunt data (PHDATA) entry for a SM indicated that the SM was an SM-2000; but DD indicated that the IMTYPE of that SM was a remote SM (RSM). RSM-2000's are not supported! The SM will be treated as if it was unequipped.

268. SMINVRSTRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrs_startup() function was called with an invalid argument during an initialization (INIT) mode CM re-synchronization.

269. SMINVSFC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A force write error occurred.

270. SMINVU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or improper equipment identification was passed to a switch maintenance analysis and recovery strategies (SMARS) process.

271. SMIPACTION (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) that contained an unexpected value in the action field. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

272. SMIPACTQUAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) that contained an unexpected value in the action qualifier field. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

273. SMIPCLFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

More communication link (CL) errors were reported than can fit in the initialization fault recovery strategy (IFRS) buffer for CL error reports. The data dumped contains the SMifclcount value, the SMifclfail[] array, and the SMifmail message structure for the message to IFRS. The error report is ignored.

274. SMIPCMHDR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CMP error occurred during the hardware initialization (INHARDINIT) phase. This error should not occur since the CMP should still be in the hardware initialization state. The initialization fault recovery strategy (IFRS) function SMifcmp() generated this error.

275. SMIPDDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() primitive returned an unexpected value.

276. SMIPEQID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) that contained an unexpected value in the eqid field. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

277. SMIPFRCINCONSIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization control (ICON) or initialization fault recovery strategy (IFRS) detected an inconsistent force state. No force is assumed.

278. SMIPFROMPID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) from an unexpected sender. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

279. SMIPHLEVEL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid H level of initialization was detected.

280. SMIPHY2LOGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A physical to logical unit translation failed.

281. SMIPINCDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistencies were detected between the RLSLNKTMS and RLMODATT relations. A time multiplexed switch (TMS) link was equipped, but the SM was unequipped; or a TMS link was unequipped, but the SM was equipped.

282. SMIPINREF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization control's (ICON) INREF entry was corrupted.

283. SMIPINTINCONSIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency was detected in the internal data for initialization control (ICON).

284. SMIPMSGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) that is of an unexpected type. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

285. SMIPNCTMOD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A network control and timing (NCT) link was operational, but the corresponding SM was not operational. This condition may be true for other SM and time multiplexed switch link (TMSLNK) pairs; however, only one assert will be fired.

286. SMIPODDINCONSIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistencies were detected on tuples read from the office dependent data (ODD).

287. SMIPOPTIONS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) that contained an unexpected value in the option field. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

288. SMIPPCEQSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was retrieved from the RLSPC relation that has an unexpected equipage state.

289. SMIPPCID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was retrieved from the RLSPC relation that has an invalid physical ID or peripheral controller (PC) type, or the tuple is in an incorrect slot.

290. SMIPPCSIDE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was retrieved from the RLSPC relation that has an invalid system side.

291. SMIPQPFail (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

More QPIPE errors (up or down indications) have been received by initialization fault recovery strategy (IFRS) than can fit into the QPIPE error queue. The data dumped is SMifmail, SMifqpr, and SMifqpfptr. The previous last QPIPE error was overwritten in the buffer.

Probable Cause:

Too many QPIPE autonomous recovery actions occurring.

Action:

Previous error was overwritten.

292. SMIPREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) that contains an unexpected value in the reason field. The data dumped contains the SMinmail message structure.

293. SMIPRESULT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received by initialization control (ICON) or initialization fault recovery strategy (IFRS) that contained an unexpected value in the result field. The data dumped contains the SMinmail message structure for a message to ICON, or the SMifmail message structure for a message to IFRS.

294. SMIPRETURN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A primitive provided for initialization control (ICON) returned an unexpected value.

295. SMIPSLEVEL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid S level of initialization was detected.

296. SMIPSMDDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned a value other than SMDBOK.

297. SMIPSMWRITE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddwrite() function returned a value other than SMDBOK.

298. SMIPSNMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned a value other than OSSUCCESS or OSENOVCB.

299. SMIPSYSTAG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSYSTAG value could not be retrieved from the SMinform[] array via a call to the SMinstat() function.

300. SMIPVINT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid vintage flag was indicated.

301. SMIPWGFROM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGGETFROM() macro returned a value other than OSMSG, OSMTIMEOUT, or OSENOTCB.

302. SMIPWGMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGGETMSG() macro returned a value other than OSMSG, OSMTIMEOUT, or OSENOTCB.

303. SMIPWGTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGGETTYPE() macro returned a value other than OSMSG, OSMTIMEOUT, or OSENOTCB.

304. SMISACTION (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinifrs() function was called with an unexpected argument.

305. SMISARGUMENT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal function was called with unexpected parameters.

306. SMISBADSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinstat() function returned an invalid state for the event currently being processed.

307. SMISCLIDAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMclisolate() function failed to read the RLCLIDAT relation.

308. SMISCREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected reason for recreation was detected.

309. SMISDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDread() function returned an illegal value.

310. SMISDDWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDWRITE() macro returned a failure code when it was called by initialization control (ICON) or initialization fault recovery strategy (IFRS).

311. SMISDMDSP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMdmd_spp() function returned a value other than SUCCESS.

312. SMISHWESCAL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was detected for the SMinhwescal global variable.

313. SMISINITPARM (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid combination of the software and hardware initialization levels and the initialization in progress flag value was detected by the SM database initialization function.

314. SMISNEXTACT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received from the switch maintenance integrity controller (SMICO) that specifies an unrecognized next action.

315. SMISNOOPIMS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

There are no operational SMs indicated in the office dependent data (ODD) according to the DDread() primitive.

316. SMISOLDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMclisolate() function failed to read the RLMODATT relation using the DBfrdtup() primitive for a particular SM. The assert is passed the dbret parameter (the location of the DBfrdtup() failure return) and the imbuff parameter (the location of the SM tuple that failed).

317. SMISOLDD (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the DDRSMISOL data delivery key for a particular host SM (HSM).

Probable Cause:

Software error or data corruption.

Action:

System will execute appropriate corrective action. If problem persists, provide assert data to next level of support.

318. SMISOLDD (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read the DDRSMISOL word for a particular host SM (HSM) failed in the SMclisolate() function. The pointer passed to the assert contains the location of the value returned by the DDREAD() primitive.

319. SMISPRMCLASS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinprm() function was called with an unexpected class parameter.

320. SMISPRMDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinprm() function was called with an unexpected data parameter.

321. SMISPRMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinprm() function was called with an unexpected value for the process recovery message (PRM) type.

322. SMISPRMUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMinprm() function was called with an unexpected value for the unit type.

323. SMISREPLACE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSREPLACE() macro returned control to the point after its call.

324. SMISRETURN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal function returned an unexpected value.

325. SMISSEQST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The INSEQST() macro returned an unexpected state of the switch maintenance kernel process (SMKP).

326. SMISSMDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddread() function returned a value other than SMDBOK.

327. SMISSMWRITE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMddwrite() function returned a value other than SMDBOK.

328. SMISTIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSTIMER() macro returned a value less than 0. OSTIMER() failed to get the OSSYSTAG timer identifier value.

329. SMLBIV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time in the leaky bucket database was later than the current time.

330. SMLCDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is a mechanism to dump offline boot (OFLBOOT) low core memory for debugging purposes. Data dumps contain valid low core data related to AM offline boot.

331. SMLCFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Low core was inaccessible or contained invalid data.

332. SMLIBACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In a message received by link interface configuration (LICON), the text.comshdr.action field was an invalid action for LICON. This occurs in the SMLifr() function.

333. SMLIBCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid completion code was found in the acknowledgment message from the foundation peripheral controller handler (FPCH).

334. SMLIBCNTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface configuration (LICON) received an invalid return value from the SMerrck() function.

335. SMLIBSNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Link interface configuration (LICON) received an acknowledgement message from the foundation peripheral controller handler (FPCH), but the completion code indicated that an invalid side or byte count was sent in the request message to the FPCH.

336. SMLIBSTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the request message sent to link interface configuration (LICON), the text.comshdr.state.qual1 field was incorrect. The SMLirst() function restores the link interface (LI) to one of three states - SMQ1FRCD, SMQ1MAJ, or SMQ1MIN.

337. SMLIBSWINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

During a software initialization, link interface configuration (LICON) was initialized for the wrong reason. The three valid reasons are OSRSTCLR, OSRTRCLR, and OSRSSP.

338. SMLIBTYM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message sent to link interface configuration (LICON) requested an incorrect side. The valid values are SMZERO, SMONE, and SM_BOTH. This problem should not occur because deferred maintenance administration and monitor (DMAM) should check this field.

339. SMLIBVINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid CM vintage was encountered; or a message was received from CM2, but CM2 does not have a link interface (LI).

340. SMLL0NOLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

Logical link 0 was inactive, but logical link 1 was active.

341. SMLL1NOLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

Logical link 1 was inactive, but logical link 0 was active.

342. SMLV0IIATMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The level 0 field of the received message was invalid.

343. SMLV1IIATMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The level 1 field of the received message was invalid.

344. SMMCACKBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid acknowledgement was received from the message switch control unit (MSCU) handler when the interrupt inhibit administrator (IIA) or AUDITS was waiting for an acknowledgement from the request to read or configure the MSCU - model 2 (MSCU2) interrupt data.

345. SMMCBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) or AUDITS passed an invalid request parameter when configuring or reading interrupt data for the message switch control unit - model 2 (MSCU2).

346. SMMCCBDDRWF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the SMddread() function or the SMddwrite() function.

347. SMMCCDDRWF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the SMddread() function or the SMddwrite() function.

348. SMMCSEND (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was detected in sending a message to the message switch control unit (MSCU) handler when the interrupt inhibit administrator (IIA) or AUDITS was trying to read or configure MSCU - model 2 (MSCU2) interrupt data.

349. SMMCWGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return was received from the OSWGETTYPE() primitive while the interrupt inhibit administrator (IIA) or AUDITS was waiting for an acknowledgement for the request to read or configure the message switch control unit - model 2 (MSCU2) interrupt data.

350. SMMIBACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In a message received by message interface configuration (MICON), the text.comshdr.action field was an invalid action for MICON. This occurs in the SMmifr() function.

351. SMMIBAQCPI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action qualifier for central processor intervention (CPI) was passed to a function.

352. SMMIBCC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid completion code was found in the acknowledgment message from the foundation peripheral controller handler (FPCH).

353. SMMIBCNR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return value was received from the SMerrck() function during fault recovery for the message interface (MI).

354. SMMIBFORLP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The for loop index was invalid. This could indicate hardware or text problems.

355. SMMIBREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid input request was detected in the SMmittout() function. This problem should not occur since the deferred maintenance administrator and monitor (DMAM) should check the input message. In the request message, the text.options field was invalid.

356. SMMIBSIDE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the SMmittout() function, an invalid side was requested for an output message. This problem should not occur since the deferred maintenance administrator and monitor (DMAM) should check the input message.

357. SMMIBSIZE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid time multiplexed switch (TMS) fabric size was passed in a message.

358. SMMIBSNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message interface configuration (MICON) received an acknowledgement message from the foundation peripheral controller handler (FPCH), but the completion code indicated that an invalid side or byte count was in the request message sent to the FPCH.

359. SMMIBSWINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

During a software initialization, message interface configuration (MICON) was initialized for the wrong reason. The three valid reasons are OSRSTCLR, OSRTRCLR, and OSRSSP.

360. SMMIBVINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CM vintage in the office dependent data (ODD) was not populated correctly for either CM version.

361. SMMIMODFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Module arithmetic failed. This could indicate hardware or text problems.

362. SMMMACTIONERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the action code field. Possibly, the sending process incorrectly assigned the action code, the receiving process incorrectly verified the action code, or the message was corrupted.

363. SMMMAQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the action qualifier field. Possibly, the sending process incorrectly assigned the action qualifier, the receiving process incorrectly verified the action qualifier, or the message was corrupted.

364. SMMMAUREADERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a read failure return code from the SMddread() function. The function could not read data for the module message processor (MMP) from the protected application segment (PAS) dynamic status database. Possibly, a problem occurred in the asserting process's call to SMddread() or in accessing the PAS database.

365. SMMMBADINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The initialization control (ICON) process sent module message processor configuration (MMPCON) an initialization message with an invalid action field. Something other than an H3 or H4 was specified.

366. SMMMBIDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message from the interrupt inhibit administrator (IIA) or audits (AU) process in the switch maintenance kernel process (SMKP) contained invalid data.

367. SMMMBMMPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message from the module message processor (MMP) handler in the message switch kernel process (MSKP) contained invalid data.

368. SMMMBSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Validation checks found the module message processor (MMP) in an invalid state for the present circumstances.

369. SMMMBUSTYPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received an invalid mib-bus type from a read of the office dependent data (ODD) database (only ALPHA or BETA mib-bus types should be received). Possibly, invalid data was entered in the ODD database, the asserting process incorrectly verified the mib-bus type, or the buffer read from the ODD database was corrupted.

370. SMMMCADTIMO (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: PCD	Audit Mode: elev

Problem:

The asserting process timed out on configuration administration (CAD) while waiting for an acknowledgment message. Possibly, the CAD process was corrupted, or the asserting process's timer period was too short.

371. SMMMDATAERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was detected by the asserting process. Possibly, the text or stack segment of the running process was corrupted. The error is localized to this process as this is a self-check of a process's own data.

372. SMMMDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a read failure return code from the DDread() function. The function could not read data from data delivery. Possibly, a problem occurred in the asserting process's call to DDread() or in accessing the data delivery database.

373. SMMMDTIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the operating system for distributed switching (OSDS) macro OSDETIMER() yielded a failure code. Possibly, the calling process specified an invalid timer tag when a current timing request was removed or did not own the specified timer.

374. SMMMDUPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor configuration (MMPCON) process received redundant initialization messages from initialization control (ICON). In particular, more than one message was received to initialize the same message switch (MSGs) side.

375. SMMMERRTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received an invalid value in the error type field of the input message. Possibly, the sending process incorrectly assigned the error type field, the asserting process incorrectly verified the error type field, or the message was corrupted.

376. SMMMEVCLERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the event class field. Possibly, the sending process incorrectly assigned the event class, the receiving process incorrectly checked the event class, or the message was corrupted.

377. SMMMEVTNOERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor configuration (MMPCON) process received a timeout message with an unexpected event number. Possibly, the MMPCON process had an outstanding timing request that it was unaware of, or the error was internal to the operating system (OS).

378. SMMMFROMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received from a process that should not send the asserting process a message. Possibly, the sending process incorrectly assigned the operating system process identification (OSPID) of the process it was sending to, the asserting process incorrectly verified the OSPID of the sending process, or the message was corrupted.

379. SMMMGETMSGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) message macro OSWGETFROM() or OSWGETMSG() returned a failure code to the asserting process while it was waiting to receive a message. Possibly, the asserting process set the parameters to the OSDS macro incorrectly or the OSDS process encountered a software error.

380. SMMMGLIMIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Switch maintenance analysis and recovery strategies (SMARS) placed a message on the module message processor (MMP) process queue while the MMP process was executing. Possibly, a problem in SMARS placed an entry on the MMP process queue before the executing process had finished.

381. SMMMINVDGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the diagnostic result field. Possibly, the sending process incorrectly assigned the diagnostic result, the receiving process incorrectly verified the diagnostic result, diagnostic results were added without proper code modification, or the message was corrupted.

382. SMMMNO MMP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a NO MATCH return code from the DBfrdtup() function. The module message processor (MMP) number could not be found in the office dependent data (ODD) database. Possibly, an invalid MMP number was entered in the ODD database, the asserting process had a problem in its call to the ODD database, a problem occurred in accessing the ODD database, or text was corrupted.

383. SMMMODDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a read failure return code from the DBfrdtup() function. The function could not read data from the office dependent data (ODD) database. Possibly, invalid data was entered in the ODD database, or a problem occurred in the asserting process's call to DBfrdtup() or in accessing the ODD database.

384. SMMMOSELENGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message received or sent by the asserting process had an invalid length. Possibly, the asserting process incorrectly set the message length or the message was corrupted.

385. SMMMOSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) macro OSSENDMSG() failed in its attempt to send a message for a reason other than OSELENGTH (length error), OSENO MCB (no message buffers available), or OSEMSG (no DMERT buffers). Possibly, the asserting process incorrectly built OSMSGHEAD data, the OSDS

process had software problems, or the message was corrupted.

386. SMMMPHYSEERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the equipment ID field. Possibly, the sending process incorrectly assigned the physical equipment ID, the receiving process incorrectly verified the physical equipment ID, or the message was corrupted.

387. SMMMREADERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The asserting process received a read failure return code from the SMddread() function. The function could not read data for the module message processor (MMP) from the protected application segment (PAS) dynamic status database. Possibly, a problem occurred in the asserting process's call to SMddread() or in accessing the PAS database.

388. SMMMREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process was created for a reason other than the reasons it is designed to accept. Possibly, a new and valid reason was added but this code was not updated, a problem occurred in the creation process, or text was corrupted.

389. SMMMSEWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWAIT() macro returned a value other than OSTIMEOUT. Possibly, an invalid condition or invalid maxtime was encountered, or no condition occurred and no timer was specified in the call to OSWAIT(). There may be a problem within the asserting process or text may be corrupted.

390. SMMMSIDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was detected by the receiving process. A message switch control unit (MSCU) side other than 0 or 1 was specified in the message.

391. SMMMSNDMSGERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) macro OSSENDMSG() failed in its attempt to send a message for a reason other than OSELENGTH (length error), OSENCOMCB (no message buffers available), or OSEMSG (no DMERT buffers). Possibly, the asserting process incorrectly built OSMSGHEAD data, the OSDS process had software problems, or the message was corrupted.

392. SMMMSRCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the source field. Possibly, the sending process incorrectly assigned the source field, the receiving process incorrectly verified the source field, or the message was corrupted.

393. SMMMTBLMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message parameter had invalid data. The event described by this parameter was not expected.

394. SMMMTBLREAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the peripheral controller (PC) state failed.

395. SMMMTIMERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the operating system for distributed switching (OSDS) macro OSTIMER() yielded a failure code. Possibly, the calling function specified an out of range timer value or the operating system (OS) was unable to allocate a timer control block.

396. SMMMTIMOCAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process timed out on configuration administration (CAD) while waiting for an acknowledgment message. Possibly, the CAD process was corrupted, or the asserting process's timer period was too short. This assert is used when it is undesirable to purge the running process.

397. SMMMTMMPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The module message processor configuration (MMPCON) process timed out on a message sent to the MMP handler. Possibly, the asserting process's timer period was too short or the MMP handler's text or data segment was corrupted.

398. SMMMTYPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the message type field. Possibly, the sending process incorrectly assigned the message type, the receiving process incorrectly verified the message type, or the message was corrupted.

399. SMMMUNITERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid equipment ID was specified in a message to the asserting process in the switch maintenance kernel process (SMKP). Possibly, the unit type was not MMP, or the physical module message processor (MMP) number specified was not within the valid range. The problem was probably caused by the sending process.

400. SMMMWRITERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The asserting process received a write failure return code from the SMddwrite() function. The function could not write module message processor (MMP) dynamic data into the protected application segment (PAS) database. Possibly, a problem occurred in the asserting process's call to SMddwrite() or in accessing or updating the PAS database.

401. SMMSCTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process timed out on configuration administration (CAD) while waiting for a message; that is, the OSWGETMSG() macro returned OSTIMEOUT. This may be due to a software recovery event elsewhere that affects one or more processes with which this process interfaces.

402. SMMSDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDread() function failed to read the MIN MODE indicator. In this case, the message switch control unit (MSCU) strategy system process (SSP) will be purged because different actions are taken if the system is in MIN MODE.

403. SMMSERMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was successfully received, then found to be invalid; or an error occurred in receiving the message (the OSWGETMSG() macro returned failure). The message is dumped, then discarded. Analyze the message to determine the source of the problem.

404. SMMSESEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned failure for a reason other than resource problems. The most likely cause is that the destination process does not exist or the destination process was expecting a different sized message. In both cases, the message is dumped and should be analyzed.

405. SMMSEVCLASS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a message from the switch maintenance analysis and recovery strategies (SMARS) process that contained an invalid event class field. The most likely cause of the problem is that a new and valid event class value was adopted, but this process was not updated to reflect the change. The message is dumped.

406. SMMSEWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the OSWAIT() macro failed indicating that a critical software problem exists. This problem may be due to typographical errors.

407. SMMMSGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Initialization and configuration administration (ICAD) sent a message to message switch control unit configuration (MSCUCON) that had incorrect fields. The loads may have been incompatible, or there may have been a problem in the interfacing.

408. SMMSGTPTG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TRIG system process received an invalid message type. The valid message types are

- MGIMSMTRIG which is sent from the SMmodtrigs() function in the operational kernel process (OKP)
- MGPCSMTRIG which is sent from the SMpctrig() function in the OKP
- MGLNKSMTTRIG which is sent from the SMlnktrig() function in the OKP

The msg_type local variable of the type unsigned short is dumped.

409. SMMSHTIM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process timed out on a process outside of the switch maintenance kernel process (SMKP) while waiting for a message; that is, the OSWGETMSG() macro returned OSTYPEOUT. This may be due to a software recovery event elsewhere that affects one or more processes with which this process interfaces.

410. SMMSPERMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in receiving a message (the OSWGETMSG() macro returned failure). The message will be dumped, then discarded and purged. Analyze the message to determine the source of the problem.

411. SMMSPSEND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned failure for a reason other than resource problems. Possibly, the destination process did not exist or the destination process expected a different sized message. In both cases, the message is dumped and should be analyzed.

412. SMMSPPFail (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When the message switch control unit (MSCU) strategy system process (SSP) times out on configuration administration (CAD), it must clean up the sequence of message passing by purging CAD. The Sldmd_spp() function is used to purge CAD, but the purge failed. The SSP may have called for a process identifier (PID) that did not exist.

413. SMMSREADD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic protected database primitives SMddread() and SMddwrite() returned failure to the asserting process. This could be due to corrupted text or corrupted data. The peripheral configuration data (PCD) audit should correct corrupted data. Corrupted text requires some level of AM initialization.

414. SMMSREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process was created for a reason that it was not designed to accept. Possibly, a new and valid reason was created, but the code was not updated to reflect it. This problem may cause an endless loop; the process is created then purged due to an invalid reason.

415. SMMSWGGET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGGETMSG() macro returned something other than OSMSG or OSTIMEOUT. Possibly, the message was a different size than expected.

416. SMNCADPR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to audit an out-of-service (OOS) primary reference on the major clock was encountered.

417. SMNCADSR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to audit an out-of-service (OOS) secondary reference on the major clock was encountered.

418. SMNCADXR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid request to audit a cross couple reference on the major clock was encountered.

419. SMNCBDRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Network clock (NCLK) received an invalid return from the database, or remote clock (RCLK) received an unsuccessful return from a database read or write of the RLCLK_SC, RLCKTDATA, or RLSMEST relation. This may be caused by a corrupted unit ID or an attempt to read an unequipped unit.

420. SMNCBDVR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown clock type was read from the database.

421. SMNCDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown data was passed within network clock configuration (NCCON).

422. SMNCDBUN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit was encountered during a database read or write.

423. SMNCFRAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The peripheral configuration data (PCD) and the network clock (NCLK) hardware do not agree.

424. SMNCFRRC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid command to remove the network clock (NCLK) during fault recovery was encountered.

425. SMNCIASD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The interrupt inhibit administrator (IIA) passed an invalid side to network clock configuration (NCCON).

426. SMNCIIAAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid interrupt inhibit administrator (IIA) action was passed to network clock configuration (NCCON).

427. SMNCINAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action was passed to network clock configuration (NCCON), or an invalid action was passed to the remote clock (RCLK) ported initialization supervisor function SMnc2_initsup(), the ported configuration supervisor function SMnc2_confsup(), or the configuration interface to the maintenance request administrator (MRA) function SMrc_config(). There may be problems in the MRA or in the initialization interface to the system hardware initialization function SMrclk_init().

428. SMNCINBS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid base-state was passed to network clock configuration (NCCON).

429. SMNCINEN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reason was found for entering the network clock (NCLK) function SMsupnc() or the remote clock (RCLK) system process initialization function SMsprc_init().

430. SMNCINMD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid phase lock mode was passed to network clock configuration (NCCON).

431. SMNCINMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was passed within network clock configuration (NCCON), or an invalid message type was passed to the remote clock (RCLK) function SMrclk_fr(). Examine the SMrclk_mess[] local message structure (dumped with the stack) to locate the originator of the message.

432. SMNCINQ1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state first qualifier was passed to network clock configuration (NCCON).

433. SMNCINQ2 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state second qualifier was passed to network clock configuration (NCCON).

434. SMNCINREF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reference was passed to network clock configuration (NCCON).

435. SMNCINSD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid side was passed to network clock configuration (NCCON).

436. SMNCINST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state was received in network clock configuration (NCCON).

437. SMNCINUN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit was passed to network clock configuration (NCCON), or an invalid remote clock (RCLK) side or unit ID was passed to the SMrclk_fr() function from the general metallic service unit (MSU) alarm process or from control interface (CI) scanning in the peripheral controller (PC).

438. SMNCRDCL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was found when comparing the state with the peripheral configuration data (PCD).

439. SMNCRICE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown phase lock error was returned to the SMrst_int_nc() function.

440. SMNCRICS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to phase lock to an unknown reference on the active minor (standby) side was encountered.

441. SMNCRIPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown primary reference state was encountered.

442. SMNCRIRP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to phase lock to an unknown reference on the active major side was encountered.

443. SMNCRISS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown secondary reference state was encountered.

444. SMNCRITL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown unit [not the time multiplexed switch (TMS) or link interface (LI)] was encountered to interface with the network clock (NCLK).

445. SMNCRIXS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown cross couple reference state was encountered.

446. SMNCRRER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown error code was returned from the SMnc_ia_msg() function.

447. SMNCSPCM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was passed between the SMcomm_nc() and SMnccon() functions.

448. SMNCTTYO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown action requested a TTY output message.

449. SMNCUNEX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexplained error has been reported to the network clock configuration process (NCCON).

Probable Cause:

1. Interface problem between NCCON and the foundation peripheral controller error handling and reporting code.
2. Interface problem between NCCON and the network clock firmware.
3. Garbaged data inside NCCON.

Action:

Provide data to the next level of support.

450. SMNCWTUN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown unit was requested to write to the database.

451. SMNULLREATMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value was received for determining the contents of the reason field for returning a message.

452. SMODDPCIV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from the DBfrdtup() function.

453. SMOORQIX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An out-of-range index to the switch maintenance analysis and recovery strategies (SMARS) queue was encountered.

454. SMOSRETTG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the operating system for distributed switching (OSDS) macro OSWGETMSG() when forever waiting was encountered in the TRIG system process in the switch maintenance kernel process (SMKP). The valid expected return is OSMSG.

455. SMOSRTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time multiplexed switch configuration (TMSCON) process was entered with an invalid operating system for

distributed switching (OSDS) reason.

456. SMOUTMSGFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process tried to log data, but failed. Possibly, *UNIX*[®] was down, a message class was out of range, or a message pointer was invalid.

457. SMPACK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from initialization and configuration administration (ICAD).

458. SMPAUST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The status of the pump peripheral controller (PPC) could not be read. An audit of the PPC is requested then the process is purged.

459. SMPBDACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid acknowledgement was received from initialization and configuration administration (ICAD). Either the acknowledgement was successfully received and found to be invalid, or an error occurred while waiting for the acknowledgement. Execution will continue and the message sent to ICAD and the acknowledgement message received will be dumped.

460. SMPBDCNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid error count was returned from the error count checking routine SMerrck(). The two error counters are dumped.

461. SMPBDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The pump peripheral controller (PPC) strategy system process (SSP) received an invalid message. Probably corrupted data was found within the message.

462. SMPBDOS (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while waiting for an acknowledgement from configuration administration (CAD). The return code

from the OSWGETTYPE() macro is either OSTYPEOUT or an invalid return code. The message sent will be dumped and the pump peripheral controller (PPC) strategy system process (SSP) will be purged.

463. SMPHY2LOG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message switch control unit configuration (MSCUCON) failed while trying to convert the equipment ID to a logical unit. An invalid equipment ID may have been used or the load may be invalid.

464. SMPIACK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown process sent an invalid return code to the CMP strategy system process (SSP) configuration administration (CAD) acknowledgement routine.

465. SMPIACTIONERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the action code field. Possibly, the sending process incorrectly assigned the action code, the receiving process incorrectly verified the action code, or the message was corrupted.

466. SMPIAQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the action qualifier field. Possibly, the sending process incorrectly assigned the action qualifier, the receiving process incorrectly verified the action qualifier, or the message was corrupted.

467. SMPIBDACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid acknowledgement was received from initialization and configuration administration (ICAD). Either the acknowledgement was successfully received and found to be invalid, or an error occurred while waiting for the acknowledgment. Execution will continue and the message sent to ICAD and the acknowledgement message received will be dumped.

468. SMPIBDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the CMP strategy system process (SSP). Probably corrupted data was found within the message. The data dump contains the invalid message.

469. SMPIBMSGLENGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message received or sent by the asserting process had an invalid length. The first data dump contains the in-progress request and the second data dump contains the message with the invalid length.

470. SMPICEVTNOERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP configuration process (CMPCON) received a timeout message that does not match CMPCON's current event in progress. The data dump contains the timeout message.

471. SMPICLEACCESS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred in the PIPCON system process while processing the link establish message from the CMP. Either the level 2 data delivery (DD) communication or the LLSTAT data could not be written.

472. SMPICLEBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The link establish message sent from the communication module processor (CMP) to the CMP configuration (CMPCON) process had invalid data.

473. SMPICONTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP configuration process (CMPCON) timed out while waiting for a response from a CMP. The data dump contains the in-progress request.

474. SMPICRETBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor configuration (CMPCON) non-blocking message receiving function SMPicgmsg() returned an unexpected value. The data dump contains the original in-progress request.

475. SMPIERRTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received an invalid value in the error type field of the input message. Possibly, the sending process incorrectly assigned the error type field, the asserting process incorrectly verified the error type field, or the message was corrupted.

476. SMPIEVCLERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the event class field. Possibly, the sending process incorrectly assigned the event class, the receiving process incorrectly checked the event class, or the message was corrupted.

477. SMPIFROMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received from a process that should not send the asserting process a message. Possibly, the sending process incorrectly assigned the operating system process identification (OSPID) of the process it was sending to, the asserting process incorrectly verified the OSPID of the sending process, or the message was corrupted.

478. SMPGETMSGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) message macro OSWGETFROM() or OSWGETMSG() returned a failure code to the asserting process while it was waiting to receive a message. Possibly, the asserting process set the parameters to the OSDS macro incorrectly or the OSDS process encountered a software error.

479. SMPINVTABT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid abort request type was received by the CMP soft switch abort function SMpabwt() in the CMP configuration process (CMPCON).

480. SMPINVDGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the diagnostic result field. Possibly, the sending process incorrectly assigned the diagnostic result, the receiving process incorrectly verified the diagnostic result, the diagnostic results were added without proper code modification, or the message was corrupted.

481. SMPINVMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP configuration process (CMPCON) received an invalid message while performing an action. The first data dump contains the in-progress request and the second data dump contains the invalid message that was received.

482. SMPIMATEGET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMpimate() function returned a value other than SMDBOK.

483. SMPINODDACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP strategy system process (SSP) timed out while waiting for an acknowledgement from the office dependent data (ODD) backup process.

484. SMPINV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When the pump peripheral controller (PPC) strategy system process (SSP) checked the state and event for a specific action to be taken, the event was invalid for the determined state. This could indicate that the error counters are out of synchronization with the system states.

485. SMPIOSELENGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message received or sent by the asserting process had an invalid length. Possibly, the asserting process incorrectly set the message length or the message was corrupted.

486. SMPIOSSNDMSGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned an unexpected value. The data dump contains the in-progress request.

487. SMPIPHYSERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the equipment ID field. Possibly, the sending process incorrectly assigned the physical equipment ID, the receiving process incorrectly verified the physical equipment ID, or the message was corrupted.

488. SMPIPTO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP strategy system process (SSP) timed out while waiting for an acknowledgement from configuration administration (CAD).

489. SMPIPURGE (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

An unsuccessful acknowledgement was received from configuration administration (CAD) during a CMP soft switch abort (manual or automatic). CAD and the CMP configuration process (CMPCON) are purged prior to aborting the soft switch.

490. SMPIRDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a read failure return code from the SMddread() function.

491. SMPIRDEVER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error type was not found in the pierrabt[] table.

492. SMPIRDWRERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

The SMpiwtll() function, which updates the CMP logical link status to the AM logical link map, returned a value other than SUCCESS. An elevated audit will be scheduled in an attempt to deal with potential logical link map inconsistencies.

493. SMPIREADERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The asserting process received a read failure return code from the SMddread() function. The function could not read data for the CMP from the protected application segment (PAS) dynamic status database. Possibly, a problem occurred in the asserting process's call to SMddread() or in accessing the PAS database.

494. SMPIREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process was created for a reason other than the reasons it is designed to accept. Possibly, a new and valid reason was added but this code was not updated, an error occurred in the creation process, or text was corrupted.

495. SMPIRSNERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message switch kernel process (MSKP) returned a failing return code (reason) that is unknown to the switch maintenance kernel process (SMKP).

496. SMPISEWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWAIT() macro returned a value other than OSTYPEOUT. Possibly, an invalid condition or invalid maxtime was encountered, or no condition and no timer were specified in a call to OSWAIT(). This problem may be due to an error within the asserting process or corrupted text.

497. SMPISIDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was detected by the receiving process. A message switch control unit (MSCU) side other than 0 or 1 was specified in the message.

498. SMPISNDMSGERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) macro OSSENDMSG() failed to send a message for a reason other than OSELENGTH (length error), OSENCB (no message buffers available), or OSEMSG (no DMERT buffers). Possibly, the asserting process incorrectly built the OSMSGHEAD data, the OSDS process had software problems, or the message was corrupted.

499. SMPISRCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the source field. Possibly, the sending process incorrectly assigned the source field, the receiving process incorrectly verified the source field, or the message was corrupted.

500. SMPISRETBAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP strategy system process's (SSP's) non-blocking message receiving function SMPisgmsg() returned an unexpected value. The data dump contains the original in-progress request.

501. SMPISWINSANE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMP soft switch was in an unstable state.

502. SMPITIMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the operating system for distributed switching (OSDS) macro OSTIMER() yielded a failure code. Possibly, the calling function specified an out of range timer value or the operating system (OS) could not allocate a timer control block (TCB).

503. SMPITMCMPPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The communication module processor configuration (CMPCON) process timed out while waiting for an acknowledgement from the CMP handler or the link establish (LE) message from the CMP.

504. SMPITYPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message contained invalid data in the message type field. Possibly, the sending process incorrectly assigned the message type, the receiving process incorrectly verified the message type, or the message was corrupted.

505. SMPIUNITERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid equipment ID was specified in a message to the asserting process in the switch maintenance kernel process (SMKP). Possibly, the message contained an invalid unit ID. The unit type was not CMP or the physical CMP number specified was not within the valid range. This problem was probably the fault of the sending process.

506. SMPIUPDTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal update request was passed to the SMpiwll() function. The message switch control unit (MSCU) translation tables for both sides are updated by default.

507. SMPIWGTER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETTYPE() macro returned an unexpected value. The data dump contains the in-progress request.

508. SMPIWRITER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The asserting process received a write failure return code from the SMddwrite() function. The function could not write CMP dynamic data into the protected application segment (PAS) database. Possibly, an error occurred in the asserting process's call to SMddwrite() or in accessing or updating the PAS database.

509. SMPIWTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a write failure return code from the SMddwrite() function.

510. SMPMSGFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Message switch control unit configuration (MSCUCON) received a message from initialization and configuration administration (ICAD) that was too long, or an invalid wait time was used to get the message, or a timeout occurred while waiting forever. The load may be incompatible, or the text may be corrupted.

511. SMPOSND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned failure for a reason other than a resource problem. Possibly, the destination process did not exist or the destination process expected a message of a different size. The data dumped contains the message that OSSENDMSG() attempted to send.

512. SMPPC1SND (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from the OSSENDMSG() macro was OSEPROC or an unexpected code (default).

513. SMPPC2SND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code of OSELENGTH was returned from the OSSENDMSG() macro. This indicates that an invalid message length was passed to OSSENDMSG().

514. SMPPCBMSGR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was detected in a message received by the pump peripheral controller (PPC) switch maintenance error recognition (SMER) and/or the PPC configuration process (PPCCON).

515. SMPPCINP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid input parameter was received from the interrupt inhibit administrator (IIA). This indicates a problem in receiving or sending the parameter.

516. SMPPCMNF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The original request message to the pump peripheral controller configuration process (PPCCON) was not found in its input buffer. The message was destroyed or lost. The input message buffer will be dumped.

517. SMPPCMRR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid acknowledgement message was received from the pump peripheral controller (PPC) handler in the message switch kernel process (MSKP). The message sent to MSKP and the acknowledgement will be dumped.

518. SMPPCOSWT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETTYPE() macro returned a return code indicating a failure in the pump peripheral controller configuration process (PPCCON) interrupt inhibit administrator (IIA) routine. The return code is something other than a resource problem.

519. SMPPCREA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump peripheral controller (PPC) switch maintenance error recognition (SMER) and/or the PPC configuration process (PPCCON) were created for an invalid reason.

520. SMPPCSWE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

After a message interface control unit (MICU) restoration, the database was read to check the state of the pump peripheral controller (PPC). The PPC was in an invalid state.

521. SMPPCSWR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

The pump peripheral controller configuration process (PPCCON) could not access the database to change or determine the PPC status.

522. SMPPCTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the request for a timer that was sent to the OSTIMER() macro.

523. SMPPCWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the OSWAIT() macro failed. This problem may be due to typographical errors.

524. SMPPCWGET (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() macro failed. The message received from OSWGETMSG() was invalid.

525. SMPPCWMF (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from the OSWGETTYPE() macro was OSERANGE. This indicates that the timer value passed to OSWGETTYPE() was out of range. The pump peripheral controller configuration process (PPCCON) will be purged.

526. SMPPCWMT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure code of OSELENGTH was returned from the OSWGETTYPE() macro. This indicates that a message of an invalid length was returned by the pump peripheral controller (PPC) handler.

527. SMPSENFFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Tried to send a message to an invalid process. The loads may be incompatible, or the global parameter OSPID may have been invalid.

528. SMQACKTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The function Smpipetgwk() detected an acknowledgment timeout or failure.

Probable Cause:

Timeout or resource problem while waiting for ACK from quad-link fault recovery (QLFR) - strategy system process (SSP).

Action:

If persistent, may need to extend timer value.

529. SMQCACTIONERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid action received by quad-link fault recovery configuration process (QLFR CON).

Probable Cause:

Software error.

Action:

Provide data to the next level of support so programming error can be fixed.

530. SMQCBRTACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) received an acknowledgement from the quad-link gateway processor handler (QGPH) in the message switch kernel process (MSKP), indicating that a problem occurred during an attempt to update QLTK routing in the quad-link gateway processor (QGP). Routing may not have been updated in the QGP, and the AM will not make the QLTK active.

Probable Cause:

Software or hardware errors in the AM or QGP.

Action:

Provide data to the next level of support.

531. SMQCATAERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected data received by quad-link fault recovery configuration process (QLFR CON) in message from the quad-link gateway processor (QGP) handler.

Probable Cause:

Hardware or software problems in the QGP, or software problem in QLFR CON or the QGP handler.

Action:

Provide data to the next level of support so programming error can be fixed.

532. SMQCDDRDFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery (QLFR) software in the administrative module (AM) received a failure return code from SMddread().

Probable Cause:

A software error in QLFR-AM or SMddread().

Action:

Provide data to the next level of support.

533. SMQCDDWRFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery (QLFR) software in the AM (administrative module) received a failure return code from SMddwrite().

Probable Cause:

A software error in QLFR-AM or SMddwrite().

Action:

Provide data to the next level of support.

534. SMQCIMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) received an invalid message type.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

535. SMQCINVACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) received a request to perform an invalid or unexpected action. The request message may have been corrupted.

Probable Cause:

AM software error.

Action:

Provide data to the next level of support.

536. SMQCINVLE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery (QLFR CON) configuration process received an invalid message related to QLNK establishment. The message may be (1) reporting that level 2 has been established on a QLNK, (2) an link establishment (LE) message from an SM attempting to establish end-to-end communication on a QLNK, or (3) a routing update acknowledgement from the quad-link gateway processor (QGP). The message will be discarded because it contains invalid or corrupted information. The invalid message will be dumped.

Probable Cause:

Software or hardware errors in the AM, SM, or QGP.

Action:

Provide data to the next level of support.

537. SMQCINVPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) function was passed invalid or inconsistent parameters.

Probable Cause:

A software error in QLFR CON.

Action:

Provide data to next level of support.

538. SMQCINVSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) found a QLNK or parent unit in an invalid or unexpected state. An audit will be invoked to correct the invalid state.

Probable Cause:

AM software problem or data corruption.

Action:

Provide data to the next level of support.

539. SMQCINVUNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery (QLFR CON) received a request to perform an action on an unexpected unit. Either the unit is invalid, the action cannot be performed on the specified unit, or the message was corrupted.

Probable Cause:

AM software error.

Action:

Provide data to the next level of support.

540. SMQCLESTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLNK	Audit Mode: elev

Problem:

A quad-link packet switch link fault recovery (QLFR CON) configuration process received a message related to QLNK establishment but the associated QLNK was in an unexpected state. The message may be (1) reporting establishment or loss of level 2 on a QLNK, (2) an link establishment (LE) message from an SM attempting to establish end-to-end communication on a QLNK, or (3) a routing update acknowledgement from the quad-link gateway processor (QGP). The message will be discarded and the QLNK audit will be scheduled.

Probable Cause:

Software or hardware errors in the AM, SM, or QGP.

Action:

Provide data to the next level of support.

541. SMQCNTTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time multiplexed switch (TMS) error queue length was not a valid size.

542. SMQCODDRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Aquad-link packet switch link fault recovery configuration process (QLFR CON) received a failure return code from an office dependent data (ODD) read, or the ODD data was unexpected/inconsistent.

Probable Cause:

Software error or ODD corruption.

Action:

Provide data to next level of support.

543. SMQCOPQGP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) detected an invalid or unexpected value for the operational quad-link gateway processor (QGP) global parameter (Glqgpopper).

Probable Cause:

Software error or data corruption.

Action:

Provide data to the next level of support.

544. SMQCOSER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) received an unexpected return value from an operating system for distributed switching (OSDS) primitive/macro.

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

545. SMQCOSRCV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link packet switch link fault recovery configuration process (QLFR CON) received an un-expected return value from an operating system for distributed switching (OSDS) message receive primitive/macro.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

546. SMQCPCDER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) detected some invalid/unexpected AM peripheral configuration data (PCD).

Probable Cause:

Software error or data corruption.

Action:

Provide data to the next level of support.

547. SMQCPHYSERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid physical unit received by the quad-link fault recovery configuration process (QLFR CON).

Probable Cause:

Software error.

Action:

Provide data to the next level of support so programming error can be fixed.

548. SMQCPPAR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) detected an inconsistency between a QPIPE peripheral configuration data (PCD) state and it's parent state.

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

549. SMQCPSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) detected a QPIPE in an invalid or unexpected state. An audit will be invoked to correct the QPIPE state.

Probable Cause:

Software error or data corruption.

Action:

Provide data to the next level of support.

550. SMQCQEODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) detected an inconsistency between network 0 and 1 tuples in the RLQENDPTS relation. The set of endpoints should be the same for each network.

Probable Cause:

The RLQENDPTS relation in office-dependent data (ODD) is incorrect.

Action:

Determine the correct set of endpoints for network 0 and 1, and update the RLQENDPTS relation.

551. SMQCRSTATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) processed a request with an invalid/unexpected state specified.

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

552. SMQCSNDER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) received an unexpected return value from an operating system for distributed switching (OSDS) send primitive/macro.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

553. SMQCTOFPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) timed out on an expected acknowledgement from the foundation peripheral (FPC) handler (message switch kernel process [MSKP]).

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

554. SMQCTOQGP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) timed out on an expected acknowledgement from the quad-link gateway processor (QGP) handler (message switch kernel process [MSKP]).

Probable Cause:

Software error.

Action:

Provide data to the next level of support.

555. SMQCUMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery configuration process (QLFR CON) received an un-expected message.

Probable Cause:
Software error.

Action:
Provide data to next level of support.

556. SMQGACTIONERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The message contains invalid data in the action code field. The pointer to the message is printed.

Probable Cause:
The sending process incorrectly assigned the action code, the receiving process incorrectly verified the action code (both are software bugs), or the message was corrupted.

Action:
Provide data to the next level of support.

557. SMQGAQERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The message contains invalid data in the action qualifier field. The pointer to the message is printed.

Probable Cause:
The sending process incorrectly assigned the action qualifier, the receiving process incorrectly verified the action qualifier (both are software bugs), or the message was corrupted.

Action:
Provide data to the next level of support.

558. SMQGAUPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An invalid audit status parameter was passed to the SMqgautrig() function when attempting to allow or inhibit quad-link gateway processor (QGP) audits. The QGP audit status will not be changed as a result of this error.

Probable Cause:
A software programming error in the code that calls SMqgautrig() caused an unexpected audit status parameter value to be passed to SMqgautrig().

Action:
If the assert persists, provide data to the next level of support.

559. SMQGBADINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
An initialization message with a bad action field was received. Something other than an H3 or H4 was specified. The

message pointer is printed.

Probable Cause:

Corrupt message or programming error.

Action:

Provide data to the next level of support.

560. SMQGBIDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While inhibiting or allowing quad-link gateway processor (QGP) interrupts, an invalid QGP equipment ID or action parameter was passed to SMia_qgp() by the interrupt inhibit administrator (IIA) or audits (AU) process. The QGP inhibit/allow interrupt request will be failed.

Probable Cause:

Programming error in function calling SMia_qgp().

Action:

Inform next level of support if problem continues.

561. SMQGBQGP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received an unexpected response message or a response message containing invalid data from the quad-link gateway processor handler (QGPH) in the message switch kernel process (MSKP). The offending message will be dumped to the ROP.

Probable Cause:

The message is probably a response to a previous maintenance request, potentially out of date or out of sequence. Message corruption or an incorrectly populated message is a less likely possibility. All are maintenance software programming errors.

Action:

If the assert persists, provide data to the next level of support.

562. SMQGCADTIMO (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The asserting process timed-out while waiting for an acknowledgment message from the configuration administrator (CAD) process.

Probable Cause:

The CAD process was corrupted or contains a software bug, or the asserting process's timer period is too short.

Action:

Provide data to the next level of support.

563. SMQGDDREAD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received a read fail return code from DDREAD(). It could not read data from the data delivery.

Probable Cause:

Software error in the asserting process's call to DDREAD() or a serious software problem in accessing the data delivery database.

Action:

Provide data to the next level of support.

564. SMQGDDWRITE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DDWRITE returned a failure in the quad-link gateway processor configuration process control (QGPCON) process.

Probable Cause:

Software or hardware errors in the AM.

Action:

Provide data to the next level of support.

565. SMQGDTIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the operating system for distributed switching (OSDS) primitive, OSDETIMER(), yielded a failure code.

Probable Cause:

Calling process specified an invalid timer tag when a current timing request was removed or did not own the specified timer.

Action:

If problem persists, provide data to next level of support.

566. SMQGDUPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Redundant initialization messages were received. In particular, more than one message has been received to initialize the same message switch (MSGs) side. The message pointer is printed.

Probable Cause:

Software programming error has occurred.

Action:

Provide data to the next level of support.

567. SMQGERRTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process received an invalid value in the error type field of the input message.

Probable Cause:

The sending process incorrectly assigned the error type field, the asserting process incorrectly verifies the error type field (both are software bugs), or the message was corrupted.

Action:

Provide data to the next level of support.

568. SMQGEVCLERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message contains invalid data in the event class field. The pointer to the message is printed.

Probable Cause:

The sending process incorrectly assigned the event class, the receiving process incorrectly checked the event class field (both are software bugs), or the message was corrupted.

Action:

Provide data to the next level of support.

569. SMQGEVTNOERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout message with an unexpected event number was received by the quad link packet switch gateway processor control (QGPCON) process. A pointer to SMqgreply is printed along with pointers to each element of SMqgbox[].

Probable Cause:

QGPCON process may have an outstanding timing request that it is unaware of. Else the error is probably internal to the operating system.

Action:

Provide data to the next level of support.

570. SMQGFROMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received a message from a process that should not send the asserting process a message. ERROR POSSIBILITIES: The sending process incorrectly assigned the operating system process ID (OSPID) of the process it was sending to (software bug), the asserting process incorrectly verifies the OSPID of sending process, or the message was garbaged.

571. SMQGGETMSGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An operating system for distributed switching (OSDS) message primitive (OSWGETFROM or OSWGETMSG) returned a failure code to the asserting process while it was waiting to receive a message. ERROR

POSSIBILITIES: The asserting process set the parameters to the OSDS primitive incorrectly or the OSDS process encountered a software error.

572. SMQGGLIMIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance and recovery strategies (SMARS) process placed a message on the quad link packet switch gateway processor (QGP) process queue while the QGP process was executing. The pointer to the message is printed.

Probable Cause:

A software bug in SMARS which places an entry on the QGP process queue before the executing process has finished.

Action:

Provide data to the next level of support.

573. SMQGINVDGN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message contains invalid data in the diagnostic result field. The pointer to the message is printed.

Probable Cause:

The sending process incorrectly assigned the diagnostic result, the receiving process incorrectly verifies the diagnostic result, the addition of diagnostic results without proper code modification (all are software bugs), or the message was corrupted.

Action:

Provide data to the next level of support.

574. SMQGOSELENGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message received or sent by the asserting process had an invalid length. The pointer to the message is printed.

Probable Cause:

The asserting process incorrectly set the message length (software bug) or the message was corrupted.

Action:

Provide data to the next level of support.

575. SMQGOSSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) primitive, OSSENDMSG(), failed in its attempt to send a message for a reason other than OSELENGTH (length error), OSENOVCB (no message buffers available), or OSEMSG (no DMERT buffers). The pointer to the message is printed.

Probable Cause:

The asserting process incorrectly built OSMSGHEAD data (software bug), the OSDS process has software problems, or the message was corrupted. (does not purge)

Action:

Provide data to the next level of support.

576. SMQGPYSERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message contains invalid data in the equipment ID field. The pointer to the message is printed.

Probable Cause:

The sending process incorrectly assigned the physical equipment id, the receiving process incorrectly verifies the physical equipment ID (both are software bugs), or the message was corrupted.

Action:

Provide data to the next level of support.

577. SMQGREADERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QGP	Audit Mode: elev

Problem:

The asserting process received a read fail return code from SMddread(). It could not read data for the quad link packet switch gateway processor (QGP) from the protected application segment (PAS) database containing dynamic status.

Probable Cause:

A software bug in asserting process's call to SMddread() or a serious software problem in accessing the PAS (dynamic status) database.

Action:

Provide data to the next level of support.

578. SMQGREASERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process was created for a reason other than the ones it is designed to accept. ERROR POSSIBILITIES: A new and valid reason was added but this code was not updated, a software bug in the creation process, or garbaged text.

579. SMQGSEWAIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Use of the OSWAIT() primitive returned a value other than OSTEIMEOUT.

Probable Cause:

Either an invalid condition, invalid maxtime, or no condition and no timer were specified in a call to OSWAIT(). Probably due to a software bug within the asserting process or corrupted text.

Action:

Provide data to the next level of support.

580. SMQGSIDERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message has been detected by the receiving process. An message switch control unit (MSCU) side other than 0 or 1 has been specified in the message. The message pointer is printed.

Probable Cause:

Corrupted message or programming error.

Action:

If problem persists, provide data to next level of support.

581. SMQGSNDMSGERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) primitive, OSSENDMSG(), failed in its attempt to send a message for a reason other than OSELENGTH (length error), OSENCOMCB (no message buffers available), or OSEMSG (no DMERT buffers). The pointer to the message is printed.

Probable Cause:

The asserting process incorrectly built OSMSGHEAD data (software bug), the OSDS process has software problems, or the message was corrupted.

Action:

Provide data to the next level of support.

582. SMQGSRCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message contains invalid data in the source field. The pointer to the message is printed.

Probable Cause:

The sending process incorrectly assigned the source field, the receiving process incorrectly verifies the source field (both are software bugs), or the message was corrupted.

Action:

Provide data to the next level of support.

583. SMQGTAGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The timer message received contains an unrecognized timer tag.

Probable Cause:

Software bug in receiving process.

Action:

If problem persists, provide data to next level of support.

584. SMQGTIMERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the operating system for distributed switching (OSDS) primitive OSTIMER() yielded a failure code. A pointer to the timer tag is printed.

Probable Cause:

The calling function specified an out of range timer value or the OS was unable to allocate a timer control block.

Action:

If problem persists, provide data to next level of support.

585. SMQGTIMIDX (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not find message in SMqgmbox[] for given event.

Probable Cause:

Programming error, or corrupted memory.

Action:

Inform next level of support.

586. SMQGTIMOCAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The asserting process timed-out while waiting for an acknowledgment message from the configuration administrator (CAD) process. The pointer to the message is printed.

Probable Cause:

The CAD process was corrupted or contains a software bug, or the asserting process's timer period is too short. (This code is used when it is undesirable to purge running process).

Action:

Provide data to the next level of support.

587. SMQGTQGPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link gateway processor control (QGPCON) process or function timed out on a message sent to the QGP handler.

Probable Cause:

Asserting process's timer period is too short or QGP handler's text or data segment has become garbaged or has a bug.

Action:

Inform next level of support if problem continues.

588. SMQGTYPERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message contains invalid data in the message type field. ERROR POSSIBILITIES: The sending process incorrectly assigned the message type, the receiving process incorrectly verifies the message type (both are software bugs), or the message was garbaged.

589. SMQGUNITERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad equipment ID was specified in a message to the asserting process in the switch maintenance kernel process (SMKP). The message pointer is printed.

Probable Cause:

Message contained an invalid unit ID. The unit type was not quad-link gateway processor (QGP) or the physical QGP number specified was not within the valid range.

Action:

Provide data to the next level of support so programming error can be fixed.

590. SMQGWRITERR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: QGP	Audit Mode: elev

Problem:

The asserting process received a write fail return code from SMddwrite(). It could not write quad link packet switch gateway processor (QGP) dynamic data into the protected application segment (PAS) database.

Probable Cause:

A software bug in asserting process's call to SMddwrite() or a serious software problem in accessing or updating the PAS (dynamic status) database.

Action:

Provide data to the next level of support.

591. SMQINITABT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Time multiplexed switch configuration (TMSCON) received abort return code for DNCINIT message.

Probable Cause:

Bad parameter passed in DNCINIT.

Action:

Dump init type, current option, and new option bytes.

592. SMQLACTERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid action received by quad-link fault recovery (QLFR) strategy system process (SSP) from switch maintenance analysis and recovery strategies (SMARS).

Probable Cause:

Software error.

Action:

Provide data to next level of support.

593. SMQLALARMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid alarm level value was received by quad-link fault recovery (QLFR) strategy system process (SSP) process.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

594. SMQLBADACT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid action requested to be performed for indicated unit by quad-link fault recovery (QLFR) strategy system process (SSP) process.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

595. SMQLBADERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid error type received by quad-link fault recovery (QLFR) switch maintenance error recognition (SMER) or strategy system process (SSP) process.

Probable Cause:

Software error.

Action:

Provide data to next level of support.

596. SMQLBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unknown message type or message with bad event number received by quad-link fault recovery (QLFR) switch

maintenance error recognition (SMER) or strategy system process (SSP).

Probable Cause:
Software error.

Action:
Provide data to next level of support.

597. SMQLBADTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Bad operating system for distributed switching (OSDS) timer parameter in quad-link fault recovery (QLFR) strategy system process (SSP) process.

Probable Cause:
Software error.

Action:
Provide data to next level of support.

598. SMQLCREATEERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery (QLFR) switch maintenance error recognition (SMER) or strategy system process (SSP) system process created with invalid reason.

Probable Cause:
Software error.

Action:
Provide data to next level of support.

599. SMQLEPINDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid event/error profile index value received by quad-link fault recovery (QLFR) strategy system process (SSP) process.

Probable Cause:
Software error.

Action:
Provide data to next level of support.

600. SMQLEVERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid event class received by quad-link fault recovery (QLFR) strategy system process (SSP) from switch maintenance analysis and recovery strategies (SMARS).

Probable Cause:
Software error.

Action:
Provide data to next level of support.

601. SMQLGETMSGERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Quad-link fault recovery (QLFR) strategy system process (SSP) process requested timer with invalid timeout argument.

Probable Cause:
Software error.

Action:
Provide data to next level of support.

602. SMQLINVEP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Quad-link fault recovery (QLFR) switch maintenance error recognition (SMER) process received a QLL error message from a quad-link gateway processor (QGP) with an invalid SM end point number.

Probable Cause:
Software error or database corruption.

Action:
Provide data to next level of support.

603. SMQLNOMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Invalid event received from OSWGETMSG.

Probable Cause:
Software error.

Action:
Provide data to next level of support.

604. SMQLOSELENGTH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Quad-link fault recovery (QLFR) strategy system process (SSP) process received a truncated message.

Probable Cause:
Software error.

Action:

Provide data to next level of support.

605. SMQLPHYSERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid or out-of-range equipment ID encountered by quad-link fault recovery (QLFR) switch maintenance error recognition (SMER) or strategy system process (SSP).

Probable Cause:

Software error.

Action:

Provide data to next level of support.

606. SMQLREADERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unit is in an invalid state (according to the peripheral configuration data [PCD]).

Probable Cause:

Software error or data corruption.

Action:

Provide data to next level of support.

607. SMQLSMINDX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid SM-2000 end point index number in quad-link fault recovery (QLFR) strategy system process (SSP) process.

Probable Cause:

Software error or data corruption.

Action:

Provide data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

608. SMQLSRCERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid source for request received by quad-link fault recovery (QLFR) strategy system process (SSP).

Probable Cause:

Software error.

Action:

Provide data to next level of support.

609. SMQLTIMO (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery (QLFR) strategy system process (SSP) process timed out waiting for response for configuration administration (CAD) request.

Probable Cause:

Software or hardware error.

Action:

Provide data to next level of support.

610. SMQONTCPD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

BAD quad-link fault recovery (QLPS) peripheral configuration data (PCD) access.

Probable Cause:

Bad param passed into SMddread or SMddwrite, or corrupted PCD data accessed directly or through office network and timing complex (ONTC) call to SMddread or SMddwrite.

Action:

Audit scheduled for QLPS PCD, and parameter dump of input eqid.

611. SMQPIPEABT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Time multiplexed switch configuration (TMSCON) received abort return code for DNCQPODD or DNCQPEVN.

Probable Cause:

Bad parameter specified in DNCQPODD or DNCQPEVN.

Action:

Dump QTMSLNK/2, TMSLNK/2, and destination ID byte.

612. SMQPIPECNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Time multiplexed switch configuration (TMSCON) found inconsistency between pipes requested and returned.

Probable Cause:

Foundation peripheral controller (FPC) or TMS firmware error.

Action:

Dump number of pipes requested, number of opcodes recv.

613. SMQRSCPF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery (QLFR) re-synch software received an invalid entry in the QTMSLNK call processing table during a hardware read.

Probable Cause:

Software or hardware error.

Action:

Provide data to next level of support.

614. SMQRSEQF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery (QLFR) re-synch software received an invalid entry in the QTMSLNK equipage processing table during a hardware read.

Probable Cause:

Software or hardware error

Action:

Provide data to next level of support.

615. SMQSTABORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

Time multiplexed switch configuration (TMSCON) received an abort return for a DNCQSTAT message.

Probable Cause:

Invalid QTMSLNK number in DNCQSTAT.

Action:

Dump (1) QTMSLNK/2 and (2) E/O fabric & ACT/STBY bits.

616. SMQSTBCFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Time multiplexed switch configuration (TMSCON) received a broadcast failed return from the TMS firmware.

Probable Cause:

TMS broadcast interval too short.

Action:

Adjust values defined in SMqdata.c for DNC[A,B]DRN.

617. SMRCENCI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Remote clock fault recovery (RCLKFR) could not enable control interface (CI) scanning of the remote clock's (RCLK's) peripheral interface control bus (PICB) after processing a fault recovery service request.

618. SMRCINEC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid error cause was passed to the SMcriterr() function. There may be a problem in the SMnc2_smerf() function.

619. SMRCINER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid error code was passed to the SMrc_recov() function. There may be a problem in the SMnc2_smerf() function.

620. SMRCINRM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrc_crit() function received a request to remove a non-existent side [not 0 or 1, or both remote clock (RCLK) sides were specified].

621. SMRCSPRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The low level peripheral control (PC) function used to read scan point status returned a failure. There may be a problem with the equipage status of the scan points in the office data.

622. SMREAIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

An invalid recent change reason was found in a message. The reason was not INSERT, UPDATE, or DELETE.

The TRIG system process in the switch maintenance kernel process (SMKP) found corrupted data in the message. The message was received from the SM trigger function SMmodtrigs() in the operational kernel process (OKP) during a recent change to the office dependent data (ODD) relation RLMODATT. The rcreason local variable of the enumeration type DBTRIGGER is dumped.

623. SMREALNKTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An invalid recent change reason was found in a message. The reason was not INSERT, UPDATE, or DELETE. The TRIG system process in the switch maintenance kernel process (SMKP) found corrupted data in the message that was received from the SM trigger function SMlnktrig() in the operational kernel process (OKP) during a recent change to the office dependent data (ODD) relation RLSLNTMS. This assert will dump the rcreason local variable of the enumeration type DBTRIGGER.

624. SMREAMMPTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An invalid recent change reason was found in a message. The reason was not INSERT, UPDATE, or DELETE. The TRIG system process in the switch maintenance kernel process (SMKP) found corrupted data in the message that was received from the SM trigger function Smpctrig() in the operational kernel process (OKP) during a recent change to the office dependent data (ODD) relation RLSPC. This assert will dump the rcreason local variable of the enumeration type DBTRIGGER.

625. SMREAQLPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

The function SMqlpstgwk() detected a bad recent change (RC) reason in a rQLPS tuple.

Probable Cause:

Bug in RC code or subsequent corruption of data passed to trigger.

Action:

Examine the dumped "reason" and compare with the expected "reason".

626. SMREAQPIPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

The function Smpipetgwk() detected a bad recent change (RC) reason in a rTMSPIPE tuple.

Probable Cause:

Bug in RC code, or subsequent corruption of data passed to trigger.

Action:

Examine dump of invalid "reason".

627. SMREASERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid startup code was passed to a process.

628. SMREFBADDAT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A refresh of the CMT weights array found bad data. The data was corrected. The CMT weights are the basis for any reconfiguration by the optimal/predictor algorithm. A refresh is done nightly to verify the weights and report any problems.

Probable Cause:

Software error or wild writes into the weights array area.

Action:

Provide data to the next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

629. SMRIIAIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

A failure return code (not SMDBOK) was received from the SMddread() primitive when reading the iia_state attribute in the global array SMIm. The expected successful return code is SMDBOK. This assert is in the SMimtgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddread() primitive.

630. SMRSCARG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP) was created by the OSREPLACE() macro, but the argument passed by the macro was invalid.

631. SMRSCREASON (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP) was created by something other than the OSREPLACE() macro. RCON will be purged.

632. SMRSINVESCAL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsescal() function was called with an invalid argument. As a result, the AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP) defaulted to the highest level of escalation (H4 init).

633. SMRSINVMODE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP) found the SMrsmode flag set to an invalid value during escalation. Resynchronization strategies differ for normal and initialization mode resynchronizations. The type of resynchronization could not be determined; therefore, RCON could not continue with the resynchronization.

634. SMRSINVSEQST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP) was running in an invalid sequence state during escalation. The SMrsescal() function was called incorrectly or the sequence state flag SMrs_seqst was corrupted.

635. SMRSISPP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMrsspp() function discovered that the AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP) was in an invalid sequence state while processing a single process purge.

636. SMRSM2HSM (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to map an RSM to its host SM number using the RLMODATT relation. Either the SM type (RLmodatt.imtype attribute) is not an RSM or the host SM number (RLmodatt.hostnum attribute) is not a valid (H)SM number.

Probable Cause:

Either the SM number used as a key to RLMODATT (RLmodatt.module attribute) was not an RSM, or the RSM's RLmodatt.imtype and/or RLmodatt.hostnum attributes contain invalid data.

Action:

System will execute appropriate corrective action. If problem persists, provide assert data to next level of support.

637. SMRSMOFST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SMclisolate() function found incorrect information from the RLMODATT relation for a particular SM. The assert is passed the imbuff parameter containing the location of the SM tuple with invalid data.

638. SMRSTIMEOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The gross timer expired in the AM to CM resynchronization (RCON) process in the switch maintenance kernel process (SMKP). RCON was running for more than two minutes (normal mode AM/CM resynchronization usually takes less than 5 seconds). The resynchronization will be aborted and the CM will be placed back in isolation.

639. SMSCORE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure to DBfrdtup() relation RLSCORE.

Probable Cause:

Corrupted or missing tuple.

Action:

Check for missing tuple and add it to the office dependent data (ODD).

640. SMSSENDFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Message switch control unit configuration (MSCUCON) failed while trying to send a message to the MSCU handler or initialization and configuration administration (ICAD). The loads may be incompatible (different size buffers).

641. SMSEPDD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDREAD() macro returned failure to the SMclisolate() function when attempting to read the DDRSMSEP key value.

642. SMSETLNKTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The link status array access function SMsetlnkst() returned an invalid completion code.

643. SMSLNKTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time multiplexed switch (TMS) network control and timing (NCT) link static database read function DBfrdtup() returned an invalid completion code.

644. SMTIMEOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timeout occurred in message switch control unit configuration (MSCUCON) when an acknowledgement message was expected from the MSCU handler.

645. SMTMCOMM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Time multiplexed switch configuration (TMSCON) returned a failure from SMcomm_tms(). The TMS shared buffer received data area is output.

Probable Cause:

TMS or foundation peripheral controller (FPC) hardware error.

Action:

Provide data to the next level of support.

646. SMTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid return data was received from the OSTIMER() macro.

647. SMTMSCPAUD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The call processing audit found a mismatch between the time multiplexed switch link (TMSLNK) status in the peripheral control data (PCD) and the time multiplexed switch (TMS) memory. The TMS memory was updated to match the TMSLNK status in the PCD.

648. SMTMSDLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid state was encountered for writing to the time multiplexed switch (TMS) network control and timing (NCT) link dynamic database.

649. SMUNKFUNTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The time multiplexed switch configuration (TMSCON) process was requested to perform an unknown function.

650. SMUNKMTST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet switching module (PSM) switch maintenance kernel process (SMKP) function received an unknown maintenance state.

651. SMUNKOPTMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected opcode was returned by the time multiplexed switch (TMS) hardware in response to a read.

652. SMVBLIST (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Elements in the switch maintenance analysis and recovery strategies (SMARS) vector linked lists were lost or duplicated. The array of headcells and the array of vector elements are dumped.

653. SMVBRLNK (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect link was found in the vector processing; the element counter exceeded the threshold. The array of headcells and the array of vector elements are dumped.

654. SMVCOAFP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An inconsistent software status was encountered. The core was active, but no foundation peripheral controller (FPC) was active. The equipment ID and the SMddread() function buffer parameter are dumped.

655. SMVDDRWF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A dynamic data access failure occurred in a switch maintenance analysis and recovery strategies (SMARS) process.

656. SMVGTUPBD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The upper bound on weights was exceeded in the switch maintenance analysis and recovery strategies (SMARS) vector process.

657. SMVIDATA (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in switch maintenance analysis and recovery strategies (SMARS) vectors.

658. SMVINVET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected error or event type was found in the switch maintenance analysis and recovery strategies (SMARS) process. The message is dumped.

659. SMVINVMM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return value for the min mode status indicator was found. The return value is dumped.

660. SMVINVNL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An improper null index was found in the switch maintenance analysis and recovery strategies (SMARS) vector linked list. The index and the vector elements are dumped.

661. SMVINVRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid reduction amount was found in a switch maintenance analysis and recovery strategies (SMARS) primitive.

662. SMVINVRQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or improper request was sent to a switch maintenance analysis and recovery strategies (SMARS) primitive. The request and the equipment identification are dumped.

663. SMVISTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An invalid or inconsistent software status was encountered. The peripheral configuration data (PCD) audit will be run to correct the error.

664. SMVIUNIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid or unexpected unit was found in switch maintenance analysis and recovery strategies (SMARS) vector processing.

665. SMVLPRCF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the SMlog2phy() function. The return code and logical unit ID are dumped.

666. SMVNFREE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

No free elements in the switch maintenance analysis and recovery strategies (SMARS) vector linked list were available. The message, weight, and vector elements are dumped.

667. SMVOORIX (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The index to the linked list in the switch maintenance analysis and recovery strategies (SMARS) vector was out of range. The index and the array of vector elements are dumped.

668. SMVPCAMS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

An inconsistent software status was encountered. The peripheral controller (PC) was active, but the connected message switch control unit (MSCU) was not active. The equipment ID and the SMddread() function parameters item and buffer are dumped.

669. SMVQGLIP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Inconsistent software status: QGL is active, but the parent quad-link gateway processor (QGP) or QTMSLNK is not active. The equipment id, SMddread parameters item and buffer are printed.

Probable Cause:

The PCD has been corrupted.

Action:

None. An audit has been requested.

670. SMWAITFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid wait time was specified.

671. SMWDGNMMPTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the module message processor (MMP) diagnostic state attribute dgn_rslt contained in the global array SMdpc. The expected return code is SMDBOK. This assert is in the SMpctgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

672. SMWIIAIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the iia_state attribute in the global array SMlrm. The expected return code is SMDBOK. This assert is in the SMimtgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

673. SMWIIAMMPTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the iia_state attribute in the global array SMdpc. The expected return code is SMDBOK. This assert is in the SMpctgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

674. SMWMMPIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the mmpnum attribute in the communication link (CL) link map contained in the global array SMlrm. The expected successful return code is SMDBOK. This assert is in the SMimtgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

675. SMWRTFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Could not write to the database. Possibly, an invalid unit tried to be updated or the load was invalid.

676. SMWRTNOPCD (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch maintenance kernel process (SMKP) could not read or write the state in the peripheral configuration data (PCD) of the message switch control unit (MSCU) for reasons of an out-of-range key, an invalid item, or an invalid unit. If the SMddwrite() function returns an invalid eqid value, then no PCD audit is scheduled.

677. SMWSDLCIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

A failure return code (not SMDBOK) was received from the SMddwrite() primitive when updating the sdlcnum attribute in the communication link (CL) link map contained in the global array SMlm. The expected successful return code is SMDBOK. This assert is in the SMimtgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

678. SMWSTIMTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CLNK	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the state attribute in the global array SMlm. The expected return code is SMDBOK. This assert is in the SMimtgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

679. SMWSTLNKGTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the state attribute in the global array SMlnktnms. The expected return code is SMDBOK. This assert is in the SMlnktgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

680. SMWSTMMPTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

A failure return code was received from the SMddwrite() primitive when updating the state attribute in the global array SMdpc[]. The expected return code is SMDBOK. This assert is in the SMPctgwork() function in the TRIG system process in the switch maintenance kernel process (SMKP). This assert will dump the eqid and buff arguments from the SMddwrite() primitive.

681. SMWSTQGPTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCD	Audit Mode: elev

Problem:

Failure return from SMddwrite() when updating SMdpc[].

Probable Cause:

Invalid key passed to SMddwrite().

Action:

Examine SMddwrite arguments "eqid" and "buff".

682. SMWSTQLPSTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

Failure return from SMddwrite() when updating SMdqpls[].

Probable Cause:

Invalid key passed to SMddwrite().

Action:

Examine SMddwrite arguments "eqid" and "buff".

683. SMWSTQPIPETG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

Failure from SMddwrite() when updating QPIPE state in SMdqpipe[].

Probable Cause:

Invalid key passed to SMddwrite() from the function SMqpipetgwk().

Action:

Examine the dumped arguments "eqid" and "buff".

684. SMWSTQTMSTG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QLPS	Audit Mode: elev

Problem:

Failure from SMddwrite() when updating QTMSLNK state in SMdqpls[].

Probable Cause:

Invalid SMddwrite() key generated in the trigger function SMqlpstgwk().

Action:

Examine the SMddwrite() arguments "eqid" and "buff".

685. SMWTSMODEBAD (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The mode control flag SMwtmode for the CMT weights update function is invalid.

Probable Cause:
Software error.

Action:

Provide data to next level of support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

Range: smpp**1. PP2NDPROV (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A second (or third, etc.) PHA channel provisioning message was received.

Probable Cause:

This could be a programming problem.

Action:

Collect data and contact next level of support.

2. PPACBADMACH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHA's PACM system process detected an invalid virtual finite state machine (VFSM) machine name.

Probable Cause:

This is a software problem that can occur in various ways.

Action:

Contact next level of support with data from the assert.

3. PPACFSMFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The PACMAN virtual finite state machine (VFSM) executor fails.

Probable Cause:

This may be a problem of PACMAN control spec.

Action:

Contact next level of support with data from the assert.

4. PPACUNXEVT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid virtual finite state machine (VFSM) virtual event is received.

Probable Cause:

This could be a programming problem.

Action:

Collect data and contact next level of support.

5. PPACUNXINPUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The expected input set was not generated by the virtual finite state machine (VFSM) translation.

Probable Cause:

Either the PACMAN data environment is corrupted or the virtual finite state machine (VFSM) is not working properly.

Action:

Collect data and contact software developer.

6. PPACUNXMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PHA's PACM system process received an unexpected OSDS message.

Probable Cause:

The PPrd_msg() function received an unexpected OSDS message.

Action:

Contact next level of support with data from the assert.

7. PPACVFSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A virtual finite state machine (VFSM) machine running under the PHA PACM system process has generated an assert from within the VFSM control specification.

Probable Cause:

This indicates that there is a problem with the asserting machine's control specification. For example, it may have entered an illegal state or received an invalid input.

Action:

Contact software developer with data from the assert.

8. PPASNSTP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The PACMAN virtual finite state machine (VFSM) synchronization mechanism has stopped.

Probable Cause:

PACMAN was probably insane due to any reason.

Action:

Contact next level of support with collected data.

9. PPBADENUM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid enum value detected in the PACMAN system process.

Probable Cause:

This is may be a programming problem.

Action:

Context next level of support with data from the assert.

10. PPBADERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found misalignment in the PPerrint[] array and the PPERRTY enumeration list of PP interrupts.

11. PPBADINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The port processor fault recovery (PPFR) system process was started with an invalid reason.

12. PPBADINTINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found misalignment in the PPintinfo[] array and the PPINTRPTS enumeration list.

13. PPBADINUSE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The region PPtm_dynamic[] used for storing timer manager data is suspect. In particular, the field "in_use" has a non-boolean value.

Probable Cause:

Corruption of PPtm_dynamic[] due to a software error.

Action:

Contact next level of support with data from the assert. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

14. PPBADMETAG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process has requested a timer manager action, but with an invalid timer tag.

Probable Cause:

This is a software error.

Action:

Contact next level of support with data from the assert.

15. PPBADMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery received an illegal input message.

16. PPBADOSEVENT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected OSWAIT return value was received by PHA's PACM system process.

Probable Cause:

The PACM interface function, Pppacintf(), received an unexpected OSWAIT return value.

Action:

Contact next level of support with the data from the assert.

17. PPBADPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found a protocol handler (PH) number that was out of range.

18. PPBADPI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found a packet interface (PI) number that was out of range.

19. PPBADTHRESH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found misalignment in the PPthresh[] array and the PPERRTY enumeration list of PP interrupts.

20. PPBADTMSTATIC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The initial value of the timer manager control data is inconsistent.

Probable Cause:

This is a software error.

Action:

Contact next level of support with data from the assert.

21. PPBADTTYTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process has requested the start of a timer with a bad type. For example, good types include a one shot timer or a cyclic timer.

Probable Cause:

This is a software error.

Action:

Contact next level of support with data from the assert.

22. PPCHANBIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found an illegal D-channel number.

23. PPCHGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The channel group number (PSIphnum) assigned to a protocol handler (PH) was inconsistent with data transport (DT). The channel group number was refreshed to agree with DT.

24. PPCHIPBIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery found an illegal chip number.

25. PPCICTR1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery interrupt control received a control argument that makes no sense.

26. PPCICTR2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery interrupt control received a control argument that makes no sense.

27. PPCIINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery received an interrupt argument that makes no sense.

28. PPIMQFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual finite state machine (VFSM) inter-machine queue (IMQ) of PHA's PACM system process is full.

Probable Cause:

This may be due to under-engineered of the IMQ size.

Action:

Contact next level of support with data from the assert.

29. PPIMQINFLOOP (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

PACMAN interface function appears to be in an infinite loop since it exceeds the maximum number of intermachine events allowed per XMQ event loop.

Probable Cause:

There may be a problem in the PACMAN control spec.

Action:

Contact next level of support with data from the assert.

30. PPIMQNOTEMPTY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PACMAN IMQ is not empty as expected.

Probable Cause:

This may be a problem in the interface function.

Action:

Contact next level of support with data from the assert.

31. PPINPSZOOB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PACMAN imap virtual input array index out of bounds.

Probable Cause:

The actual number of inputs in one of the PACMAN imap functions is more than the max size of the array.

Action:

Contact next level of support with data from the assert.

32. PPISMBABBLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inter-SM (ISM) trunk ran out of receive frame descriptors (RFDs), or took an excessive number of synchronous/asynchronous block modes (SABMs). Neither condition should happen for ISM.

33. PPLPIBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The logical packet interface (PI) number (PSlphnum) was corrupted. The PI will be re-initialized via a packet switching (PS) initialization. The symptoms of this problem are:

- 1) no dial tone and unable to originate integrated services digital network (ISDN) calls,
- 2) inter-SM (ISM) nailup ports dropping out-of-service (OOS) due to level 2 errors,
- 3) some digital subscriber lines (DSLs) reporting OOS dslinit, and
- 4) unable to restore lines that are OOS dslinit. If these symptoms continue after this assert fires, it is recommended that a module controller/time slot interchange (MCTSI) switch be performed.

34. PPMASKTIMREQF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Out of range failure while requesting VISA ACT PHDB sync error masking timer.

Probable Cause:

Timer request falls out of range.

Action:

Provide data to next level of support.

35. PPMETAGINUSE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process has requested the start of a timer that is already in use.

Probable Cause:

This is a software error.

Action:

Contact next level of support with data from the assert.

36. PPMUCRITERR (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

While attempting to initialize the MC68030's memory management unit (MMU), the initialization software detected an inconsistency in the memory layout (critical information). The processor will not function in the operating system for distributed switching (OSDS) environment if the MMU is not properly initialized.

37. PPNOGETTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process has requested the start of a timer, but no timers are available.

Probable Cause:

This is a software error.

Action:

Contact next level of support with data from the assert.

38. PPNOSTOP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process has requested the stop of a timer, but it cannot be stopped.

Probable Cause:

This is a software error.

Action:

Contact next level of support with data from the assert.

39. PPPACINAME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The given virtual finite state machine (VFSM) input name is not a member of the input set of this VFSM machine.

Probable Cause:

Probably a numerical value (rather than symbol), which happens to be outside of the range of the input set, is used.

Action:

Collect data and contact software developer.

40. PPPACMINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The port processor's PHA channel management (PACM) system process was started with an invalid reason.

Probable Cause:

PPpacm() was started with reason that the PPpacinit() didn't understand.

Action:

Contact next level of support with the steps to recreate the scenario.

41. PPPHZEVEHANDLE (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Returned the failure of PPphzEventHandler. This case can be found in PPphssw_lpc().

42. PPPHZINEVENT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the invalid event in the current state. This event can be found in PPphzEventHandler().

43. PPPHZINVEVENT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the unexpected event in the current state. This invalid event is sent by PPphEventHandler().

44. PPPHZMISBITS (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the mismatch in bits. This input can be found in PPphssw_lpc().

45. PPPHZMISSEQ (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the sequence number is mis-sequenced. This sequence number found in PPphssw_lpc().

46. PPPHZMISSEQ (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the sequence number is mis-sequenced. This sequence number found in PPphzcallout().

47. PPPHZTIMEOUT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received time-out event from PPphssw_lpc() when the time has been expired - PSLPCOPEN/PSLPCSEND.

48. PPPHZTIMEOUT (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received time-out event from PPphzcallout() when the time has been expired - PSLPCOPEN/PSLPCSEND.

49. PPPHZUNCLOSE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the invalid input in the current state. This input can be found in PPphzEventHandler().

50. PPPHZUNEXPLPC (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the unexpected input in the current state. This input can be found in PPphssw_lpc().

51. PPPHZUNEXPLPC (5E13 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the unexpected input in the current state. This input can be found in PPphzcallout().

52. PPPHZUNKEVENT (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the unknown event in the current state. This event can be found in PPphzEventHandler().

53. PPPHZUNKSTATE (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received the invalid state. This state is invalid in PPphzEventHandler().

54. PPPHZUNOPENLPC (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempting to open the LPC but unable to open the LPC. This assert can be found in PPphzEventHandler().

55. PPPHZUNWAKEUP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to send a wakeup message to the fault recovery system in PH. This assert is found in PPphzEventHandler().

56. PPREPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Port processor (PP) fault recovery reported an error of an undetermined type.

57. PPVASYNINTER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PHV fault recovery failed to either mask VISA error source register bits while receiving active PHDB synchronization error or unmask the error while executing under threshold hardware recovery function.

Probable Cause:

PHV interrupt control function perform VISA Error Source Register interrupt inhibit/allow functionality improperly.

Action:

Provide data to the next level of support.

58. PPWPSKOV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The write protect stack (a global data structure) overflowed.

59. PPWPSKUV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The write protect stack (a global data structure) underflowed.

60. PPWPUSER (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A process is attempting to pop the write protect stack by restoring write protect when it was not the last process to push something on the stack.

61. PPXMQFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The virtual finite state machine (VFSM) inter-machine queue (IMQ) of PHA's PACM system process is full.

Probable Cause:

This may be due to under-engineered of the IMQ size.

Action:

Contact next level of support with data from the assert.

62. PPXMQNOTEMPTY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PACMAN XMQ is not empty as expected.

Probable Cause:

This may be a problem in the interface function.

Action:

Contact next level of support with data from the assert.

63. SMBADCONN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The table used for routing to PHVs over PHAs is corrupted. The entry will be dumped in the data buffer.

64. SMBADPARAM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad value was passed to the asserting function.

Probable Cause:

Coding error.

Action:

Collect stack information.

65. SMBADPSUCA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

SMpsuconn() entered with invalid PSU community address.

66. SMBAD_UNIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid unit type was found.

Probable Cause:

Invalid data may have been passed, or an invalid hardware address may have been accessed by previous software.

Action:

Collect stack information.

67. SMCONNMSGBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message received for updating the table used for routing over PHAs to PHVs is bad.

68. SMCRBEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request was made to end a critical region when the user did not have a region in effect. Either another user had a region, or no users had one. The data concerning possible existing critical regions (who had it and what kind it was) is dumped.

69. SMCRCOUNT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to begin a second critical region was received while a request was already in force, or critical region data was corrupted.

70. SMCRFORE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt was made to enter a critical region from foreground. This is not allowed.

71. SMCRLEVEL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid level parameter was passed to the critical region function SMcrbegin() or SMcrend().

72. SMCRNOBEG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The critical region end routine SMcrend() was called when no critical region was in force. The global data structure SMcrdata may have been corrupted.

73. SMCRNULK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During an attempt to enter a critical region, the null identifier was used. This is not allowed.

74. SMELDATACRPT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ELFR-MH event handler found an invalid entry in the error profile table (a .data table).

Probable Cause:

Software error, bad pump of the MH, or bad MH hardware.

Action:

If error persists, switch module controller/time slot interchange (MCTSI) sides and see if the problem clears. If the assert stops, remove and diagnose the standby MCTSI side. If the assert continues to be reported, gather the data dumped by the assert and report to the next level of technical support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

75. SMELINVPTCNT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ELFR-MH obtained an invalid count of active ports.

Probable Cause:

Software error or data corruption.

Action:

Examine the data dumped by the assert to determine the source of the problem.

76. SMELMHINVCMD (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ELFR-MH received a maintenance message from the SMP with an invalid command type.

Probable Cause:

Software error or message corruption.

Action:

Examine the message dumped by the assert to determine the source of the problem.

77. SMELMHINVELNK (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ELFR-MH error/event handler was passed an invalid MELNK number.

Probable Cause:

Software error or data corruption.

Action:

Examine the data dumped by the assert to determine the source of the problem.

78. SMELMHINVEVENT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The ELFR-MH event handler was invoked for an invalid or unexpected event.

Probable Cause:

Software error.

Action:

Examine the data dumped by the assert to determine the source of the problem.

79. SMELMHINVMDATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ELFR-MH received a maintenance message containing invalid data.

Probable Cause:

Software error or message corruption.

Action:

Examine the message dumped by the assert to determine the source of the problem.

80. SMELMHINVMSG (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ELFR-MH received an invalid maintenance message.

Probable Cause:

Software error or message corruption.

Action:

Examine the message dumped by the assert to determine the source of the problem.

81. SMELPSTINVDATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

ELFR-MH detected invalid or inconsistent data while responding to a pipe status audit data request from the ethernet link fault recovery system process (ELSP).

Probable Cause:

Software error or data corruption.

Action:

The system will execute appropriate corrective action. If the problem persists, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual, providing assert data to the next level of support.

82. SMEQGP_RID (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery (QLFR) - switching module processor (SMP) system process (QLPS) bad broadcast error was reported and either the SIms_side or SMqgp_rid variable was found to be invalid.

Probable Cause:

Either the SIms_side and or SMqgp_rid variable is being initialized to an invalid value.

Action:

Provide data to the next level of support.

83. SMMHAUINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message handler (MH) received an audit status update maintenance message containing an invalid audit status (a status other than inhibit or allow). The offending maintenance message will be dumped. No audit status update will occur in the MH as a result of this error.

Probable Cause:

The audit status update message was populated incorrectly in the SM (most likely), or it was corrupted during transmission to the message handler (MH). Both are software programming problems.

Action:

If the assert persists, provide data to the next level of support.

84. SMMHCLE1 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CLFR-MH received an invalid MTCE message from the SMP. The message is dumped.

85. SMMHCLE2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

There was a request from the AM/switch module processor (SMP) to remove a link. The link status changed due to communications link (CLNK) fault recovery while messages queued for the link were being transmitted. The link was not removed. This assert is informational. The SMmhclnkstat[] entry for the link is dumped.

86. SMMHCLE3 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM/switch module processor (SMP) told communications link fault recovery-message handler (CLFR-MH) to remove the last active communications link (CLNK). The link was not removed. This assert can occur due to a race condition or data corruption. If maintenance personnel really want to remove the last CLNK, the SM isolation command should be used.

87. SMMHCLE4 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The AM/switch module processor (SMP) told communications link fault recovery-message handler (CLFR-MH) to restore a 3rd active communications link (CLNK). The link was not restored. This assert can occur due to a race condition between CLNK fault recovery and a manual CLNK restoration, or due to data corruption.

88. SMMHCLE5 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

communications link fault recovery-message handler (CLFR-MH) detected an inconsistency in communication link status while processing a manual communications link (CLNK) removal or restoration. This error causes both links to be initialized to a known state.

89. SMQGLCMDINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cmd_type specified in the message received by quad-link fault recovery-quad-link gateway processor (QLFR-QGP) is invalid.

Probable Cause:

The cmd_type specified by QLCON is invalid, the message was corrupted before being received by quad-link fault recovery-quad-link gateway processor (QLFR-QGP), or QLFR-QGP is not handling the message properly.

Action:

Examine the data produced by the assert to determine the source of the problem.

90. SMQGLDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The QGL state indicated in the QGL configuration data received from QLCON is invalid.

Probable Cause:

The QGL state specified by QLCON was invalid or the QGL state was corrupted before being received by QLFR-QGP.

Action:

Examine the data produced by the assert to determine the source of the problem.

91. SMQGLMSGINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The message received by quad-link fault recovery-quad-link gateway processor (QLFR-QGP) is invalid.

Probable Cause:

The message received from QLCON was invalid, the message was corrupted before being received by quad-link fault recovery-quad-link gateway processor (QLFR-QGP), or QLFR-QGP is not handling the message properly.

Action:

Examine the data produced by the assert to determine the source of the problem.

92. SMQGLSSINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QPLS) soft switch end QGL configuration data is invalid.

Probable Cause:

The QGL configuration data received from QLCON that was saved for use at the end of the QLPS soft switch is invalid or the saved QGL configuration data was corrupted or the QGL state is information is invalid. It is also possible that the start broadcast frame was not received from an active QGL.

Action:

Examine the data produced by the assert to determine the source of the problem.

93. SMQGLSTINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery-quad-link gate processor (QLFR-QGP) QGL state is invalid.

Probable Cause:

The QGL state is corrupt or the packet bus media controller (PBMAC) number stored in SMqIn2pb[network] is invalid.

Action:

Examine the data produced by the assert to determine the source of the problem.

94. SMQGLSWINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The QGL state indicated in the QGL configuration data received from QLCN and saved to be used at the end of a soft switch is invalid.

Probable Cause:

The QGL configuration data received from QLCN was invalid, the QGL configuration data was corrupted before being received by quad-link fault recovery-quad-link gate processor (QLFR-QGP), or the saved QGL configuration data was corrupted.

Action:

Examine the data produced by the assert to determine the source of the problem.

95. SMQLBDACTON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recovery action to be performed is invalid.

Probable Cause:

The recovery action in the SMqlerrprof[], SMqlsumprof[], or SMqlactprof[] is invalid.

Action:

Provide data to the next level of support.

96. SMQLCMDINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The cmd_type specified in the message received by quad-link fault recovery-quad-link gateway processor (QLFR-QGP) is invalid.

Probable Cause:

The function sending the message filled in the field wrong or the message was corrupted before being received by QLFR-MH.

Action:

Examine the data produced by the assert to determine the source of the problem.

97. SMQLEGETPROF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Profile data does not exist for the indicated class.

Probable Cause:

The error, summary, or action profile tables are being used inappropriately.

Action:

Provide data to the next level of support.

98. SMQLEPNETINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The QLPS endpoint and or network parameter is invalid.

Probable Cause:

The QLPS endpoint and or network parameter specified by the calling function was invalid or the parameter was corrupted during the function call.

Action:

Examine the data produced by the assert to determine the source of the problem.

99. SMQLEPNOTOSDS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QLPS) endpoint in the quad-link gateway processor (QGP) is invalid.

Probable Cause:

The QLPS endpoint parameter specified by the calling function was invalid for a QGP (the QGP should only have endpoints in the operating system for distributed switching [OSDS] range) or the endpoint parameter was corrupted during the function call.

Action:

Examine the data produced by the assert to determine the source of the problem.

100. SMQLEPWPINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The endpoint parameter specified by the calling function could not be found in the write protected endpoint data.

Probable Cause:

The write protected endpoint data is invalid.

Action:

Examine the data produced by the assert to determine the source of the problem.

101. SMQLERRPROF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt is being made to read a summary profile table for an error that does not have summary profile data.

Probable Cause:

The summary profile table is being used inappropriately.

Action:

Provide data to the next level of support.

102. SMQLERRTYPINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The err_typ (error type) parameter is invalid.

Probable Cause:

The err_typ specified by the caller is an invalid error type or the err_typ parameter is being handled inappropriately by the called function.

Action:

Examine the data produced by the assert to determine the source of the problem.

103. SMQLMHMSGINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery - message handler (QLFR-MH) received an invalid message.

Probable Cause:

CM sent the message to QLFR-MH inappropriately or QLFR-MH is not handling messages appropriately.

Action:

Examine the data produced by the assert to determine the source of the problem.

104. SMQLMQPSINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The QPIPE state returned by the link manager in the loopback test acknowledgement data to quad-link fault recovery (QLFR-QGP) is invalid.

Probable Cause:

The link manager QPIPE state is invalid, QLFR-QGP is handling the link manager QPIPE state inappropriately, or the loopback test acknowledgement data was corrupted before being received by QLFR-QGP.

Action:

Provide data to the next level of support.

105. SMQLN2PB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The packet bus media access controller (PBMAC) number passed as a parameter or stored in SMqIn2pb[] is invalid.

Probable Cause:

The PBMAC number parameter specified by the calling function was invalid or the PBMAC number parameter was corrupted during the function call. In the case where the PBMAC number stored in SMqIn2pb[] was found to be invalid, then either SMqIn2pb[] was initialized with an invalid PBMAC number or the function using the PBMAC number found in SMqIn2pb[] is using it invalidly.

Action:

Provide data to the next level of support.

106. SMQLNETINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QLPS) network parameter is invalid.

Probable Cause:

The QLPS network specified by the calling function is invalid or the QLPS network parameter was corrupted during the function call.

Action:

Provide data to the next level of support.

107. SMQLPBKINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The loopback test acknowledgement data from the link manager to quad-link fault recovery - quad-link gateway processor (QLFR-QGP) is invalid.

Probable Cause:

QLFR-QGP is inappropriately handling the loopback test acknowledgement data returned by the link manager or the loopback test acknowledgement data was corrupted before being received by QLFR-QGP.

Action:

Provide data to the next level of support.

108. SMQLPROFILE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The error, summary, or action profile data is invalid.

Probable Cause:

The error, summary, or action profile table is being used inappropriately for the indicated error.

Action:

Provide data to the next level of support.

109. SMQLQFULL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery (QLFR) switch module processor (SMP) system process (QLPS) level 2 internal frame descriptor (IFD) queue full errors are occurring and are being reported due to the SMqlqfull flag being set to DBYES.

Probable Cause:

QLPS Level 2 frame processing is being delayed.

Action:

Provide data to the next level of support.

110. SMQLUDINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The QLL up/down job scheduler control data is invalid.

Probable Cause:

The QLL up/down job scheduler control data has been corrupted.

Action:

Provide data to the next level of support.

111. SMQPEQINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Quad-link fault recovery - quad-link gateway processor (QLFR-QGP) has received an indication that the QPIPE for a QLPS - switch module processor (SMP) system process (QLPS) network has transitioned to in-service, however, the current QLFR-QGP QPIPE state is unequipped.

Probable Cause:

The link manager was called to initialize the QGP QPIPE inappropriately or the QPIPE state has been corrupted.

Action:

Provide data to the next level of support.

112. SMQPSTINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The quad-link fault recovery - quad-link gateway processor (QLFR-QGP) QPIPE state is invalid.

Probable Cause:

The link manager QPIPE state is being handled inappropriately by QLFR-QGP or the link manager QPIPE state has been corrupted in memory.

Action:

Provide data to the next level of support.

113. SMSIMS_SIDE (5E11 and later)

Recovery Action: si	SPP: n	Audit: null	Audit Mode: null

Problem:

A quad-link fault recovery (QLFR) - switch module processor (SMP) system process (QLPS) bad broadcast error was received and the Slms_side variable was found to be invalid.

Probable Cause:

The Slms_side variable is being initialized to an invalid value.

Action:

Provide data to the next level of support.

114. SMSWBABORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

If this assert is called from the SMswabort() function, then CMP soft switch received an invalid abort request. The message received is dumped in the first data dump.

If this assert is called from the SMswsndself() function, then a CMP soft switch request is being aborted due to a software or hardware problem detected by the active CMP. The CMP soft switch control data structure SMswctl[] is dumped in the first data dump.

115. SMSWBADACTION (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP soft switch operating system trap handler received an unknown or unsupported action to process. The calling function will be on the user stack in the stack dump. The action type (value) is dumped in the local data stack dump.

116. SMSWBMMUPTR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMP soft switch failed to get a valid page descriptor to a memory region from the memory management unit (MMU) support routine.

117. SMSWBSITYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMP soft switch received an invalid operating system for distributed switching (OSDS) message. The message received is dumped in the first data dump.

118. SMSWCHSIZE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP soft switch copy or hash sum routine was called with a buffer size that was not a multiple of 4. The buffer will be copied; however, it will be truncated to the nearest multiple of 4.

119. SMSWGACKF (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

CMP soft switch did not receive an acknowledgement to the stop message from the process being purged for some reason. The process is assumed to be unstable and is purged.

120. SMSWHPQMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

CMP soft switch received an unrecognized high priority message. The high priority message is dumped in the local

data dump.

121. SMSWRETSWOS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The CMP soft switch operating system unexpectedly returned to the caller. This implies that the CMP is not in the correct state for the switch and the requested CMP switch will be aborted.

122. SMUNEXHWSTATE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected hardware state or condition was encountered by software.

Probable Cause:

A hardware state transition has occurred that was not planned for in the software design.

Action:

None. This assert is for information only. The software will put the hardware in a known state.

Range: tm**1. TM3INCDATA (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was found in TM PSA port recovery or NT mismatch testing area. Up to three pieces of data will be dumped. If the assert fires repeatedly, contact your next level of support (i.e. Field support or TM subsystem contact).

2. TM7UBLERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while attempting to setup the unblocking data for CCS7 trunks. Some or all CCS7 trunks may be left in the remotely blocked state until the trunk status query mechanism recovers them (if enabled). Some or all incoming one-way CCS7 trunks may be left remotely blocked until manual action is taken.

Data Structures:

Relation: RLPCI7GR

The values of the PCI and CIC being used at the time of failure are given. PCI and CIC values of zero are an indication that a failure occurred while attempting to set up the first set of data and therefore all CCS7 trunks may be left in the remotely blocked state.

Action:

Use of the trunk status query mechanism is required to recover the remaining 2-way and outgoing CCS7 trunks. A manual removal followed by a manual restoration of all one-way incoming CCS7 trunks must be performed for recovery.

3. TMABTTSK (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

Removed an unstable process as requested by a manual request or by an automatic request from the AATA system process to purge the indicated process. The AATA system process handles requests primarily from the AUTOPLEX[®] executive cellular processor (ECP).

4. TMACCSDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static data for a remote alarm section (RAS) equipped digital subscriber line (DSL) was found to be inconsistent when attempting to restore the DSL into service.

Data Structures:

RLRIBM_SC. The RLRIBM_SC relation contains the following information about remote integrated services line unit (RISLU) RAS building/miscellaneous alarm scan points.

- (1) The first key attribute is the RISLU site number. This value for the RAS equipped DSL is dumped (in hex).
- (2) The second key attribute is the alarm scan point number (0-31). For each RISLU site number, a tuple must

exist for alarm scan point numbers 0 and 1.

- (3) The `mccname` attribute is the office-assignable label to be displayed on the Master Control Center (MCC) for the name of the point.
- (4) The `ttname` attribute is the office-assignable label that appears in the craft output messages concerning the alarm scan point.
- (5) The `alm_lvl` attribute is the alarm level [critical (CRIT), major (MAJ), minor (MIN), action (ACT), or information (INFO)] that is generated when this point goes off normal.
- (6) The `prot_rc` attribute protects the tuple by denying recent change activity.

Action:

For each RAS equipped DSL, there must exist at least two tuples in the `RLRIBM_SC` relation for the RAS's corresponding RISLU site number; that is, one tuple for alarm scan point number 0, and one tuple for alarm scan point number 1. Use RC/V View 26.15 (RISLU RAS SCAN POINT ASSIGNMENT) to examine and update the tuples for this RAS equipped DSL.

5. TMACTBFAIL (5E11 and later)

Recovery Action: <code>rpi</code>	SPP: <code>n</code>	Audit: <code>null</code>	Audit Mode: <code>null</code>

Problem:

Failed to activate a B-channel port for all failures other than resource failures.

6. TMAMPCI7GR (5E12 and later)

Recovery Action: <code>-rpi</code>	SPP: <code>n</code>	Audit: <code>null</code>	Audit Mode: <code>null</code>

Problem:

The `RLAMPCI7GR` relation is populated incorrectly.

Data Structures:

The platform CNI and the AM and SM CADN bits do not match.

Action:

First determine the trunk's trunk group and member number by using the `OP:CONV` input message with the "port" option. Next, check the status of the trunk using the `OP:STATUS` input message. If the trunk is in an OOS CADN state, enter a `RMV:TRK` input message for the trunk specifying the same OOS CADN status that is on the trunk. If the trunk is not in an OOS CADN state, first use the `RMV:TRK` input message to add the OOS CADN `DSBLD` status to the trunk and then use the `RST:TRK` input message to restore the trunk to service. Both of these actions will cause the switch to make another attempt at updating the `RLAMPCI7GR` relation in the AM. If this causes another assert of this type to fire, refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

7. TMA_NOPID (5E11 and later)

Recovery Action: <code>rpi</code>	SPP: <code>n</code>	Audit: <code>null</code>	Audit Mode: <code>null</code>

Problem:

No matching process ID was found in the `TMa_tpq[]` array.

8. TMA_NOSIG (5E11 and later)

Recovery Action: <code>rpi</code>	SPP: <code>n</code>	Audit: <code>null</code>	Audit Mode: <code>null</code>

Problem:

The terminal process did not receive the expected signal.

9. TMAPBDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: APB	Audit Mode: elev

Problem:

Failed to initialize and link an rAPB tuple to an rPCBLA tuple.

10. TMAPC_INFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to do a fast read of relation RLAPC_INFO.

11. TMAPTBADRET (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return value was received from an automatic progression testing (APT) activation attempt.

12. TMAQADPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static relation RLAQTE_ADP maps the autoquote analog port to its D port; and the relation RLAQTE_DAP maps the autoquote D port to its analog port. For each D port number, there must be an associated analog port number in the RLAQTE_DAP and RLAQTE_ADP relations. For each analog port number, there must be an associated D port number in the RLAQTE_DAP and RLAQTE_ADP relations. The RLAQTE_ADP relation did not have the same D port number (dig_port) as the RLAQTE_DAP relation for the given analog port number (anl_port); or no tuple could be found for the given analog port number.

Data Structures:

RLAQTE_DAP, RLAQTE_ADP.

Action:

Check the output on the receive only printer (ROP) for the analog port (in hex) and the D port (in hex). Use RC/V to check and correct tuples in the RLAQTE_DAP and RLAQTE_ADP relations.

13. TMAQDAPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In static relation RLAQTE_DAP, no corresponding analog port number (anl_port) could be found for the given D port number (dig_port). For each D port number, there must be an associated analog port number in the RLAQTE_DAP and RLAQTE_ADP relations.

Data Structures:

RLAQTE_DAP, RLAQTE_ADP.

The RLAQTE_DAP relation maps the autoquote D port to its analog port; and the RLAQTE_ADP relation maps the

autoquote analog port to its D port.

Action:

Check the output on the receive only printer (ROP) for the D port (in hex). Use RC/V to check and correct the rIAQTE_DAP tuple.

14. TMAQMODERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In configuring the Model 4000 modem for autoquote digital subscriber line (DSL) initialization, the modem was in the online mode. It should not be in the online mode. The process that was controlling the modem was purged by system integrity; therefore, the software that would cause the line to be dropped cleanly could not be executed and the modem was not put into the required offline mode.

15. TMASHTERM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The circuit lport from the RLSPID relation was not found in the RLSHTERM relation for the ltm_index and lead_module in the RLIS_LINE relation. The data dump shows the rISPID tuple in the first block and the rIS_LINE tuple in the second.

16. TMAUANQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ANQ	Audit Mode: elev

Problem:

Corrupted linkages were found for the automatic terminal setup notification queue (ANQ). The ANQ audit is scheduled.

17. TMAUAPDU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: APDU	Audit Mode: elev

Problem:

Corrupted linkages were found between the application protocol data unit (APDU) and the remote terminal message buffer (RTMSGBUF). The APDU audit is scheduled.

18. TMAUDALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

Corrupted linkages were found between the D-channel application linkage block (DALB) and the application protocol data unit (APDU). The DALB audit is scheduled.

19. TMAUDPDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The owner linkage from the D-channel application linkage block (DALB) to the D-channel port block (DPB) was corrupted. The DALB audit is scheduled.

20. TMAULLM_RDT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: LLMRDT	Audit Mode: elev

Problem:

Linkage corruption was detected in the RLLLM_RDT relation.

Probable Cause:

Switch software has corrupted the data relation.

Action:

AULLMRDT audit will be scheduled in elevated mode.

21. TMAUNODALB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Corrupted linkage was found between the process control block link area (PCBLA) and the D-channel application linkage block (DALB). The PCBLA audit is scheduled.

22. TMAUNOTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The terminal endpoint identifier linkage area (TEILA) key information in the D-channel application linkage block (DALB) was corrupted. The DALB audit is scheduled.

23. TMAURTMGBUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTMSGBUF	Audit Mode: elev

Problem:

Corrupted linkages were found between remote terminal message buffers (RTMSGBUFs). The RTMSGBUF audit is scheduled.

24. TMAUSMEST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: CKTDATA	Audit Mode: elev

Problem:

An RLSMEST tuple could not be read. The tuple should exist.

Probable Cause:

A tuple may be missing from the RLSMEST relation, or it may be corrupt.

Action:

This assert will schedule the AUFC_CKTDATA audit to correct the data. Report occurrence along with all possible supporting data.

25. TMAUSMEST (5E11 only)

Recovery Action: rpi	SPP: n	Audit: SMEST	Audit Mode: elev

Problem:

An RLSMEST tuple could not be read. The tuple should exist.

Probable Cause:

A tuple may be missing from the RLSMEST relation, or it may be corrupt.

Action:

This assert will schedule the AUSMEST audit to correct the data. Report occurrence to PECC along with all possible supporting data.

26. TMAUTEILA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

An error was found while accessing the RLTEDB relation using the terminal equipment data block (TEDB) key stored in the RLTEILA relation. The RLTEILA information will be dumped.

27. TMAUUNIT2RDT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: UNIT2RDT	Audit Mode: elev

Problem:

Missing LLM_RDT tuple was encountered.

Probable Cause:

5ESS[®] software has corrupted the data relation.

Action:

AUUNIT2RDT audit should be scheduled to insert the missing associated LLMRDT tuple.

28. TMBADCGATYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid carrier group alarm (CGA) type was reported to terminal maintenance (TM) CGA processing.

29. TMBADDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unexpected data was discovered.

30. TMBADDAY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid day-of-week was returned from the AMday() function. Automatic progression testing (APT) will be activated without checking the office option for the day-of-week.

31. TMBADDISC (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid parameter was given to the metallic connection disconnect routine; the parameter specified an invalid disconnect type.

32. TMBADLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Could not retrieve a port from a system list.

33. TMBADLIT_TC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was found in the external line insulation test (LIT) table TMLit_tc[].

34. TMBAD_LMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process received an invalid long message.

35. TMBADLPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that a disallowed logical port type was found in RLFC_PORTTYP for the message received (MGMDTERM).

36. TMBADMAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid status was read from the D-channel port block (DPB) lvi1stat field. The TMLvi1map() function will take the action necessary for this problem.

37. TMBADMDII (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Trunk error analysis received a machine detected interoffice irregularities (MDII) type that it is not currently set up to process.

38. TMBADMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was damaged in transit from one process to another.

39. TMBADPARM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value was passed as a parameter to a terminal maintenance (TM) function. Parameters are shown with the user stack frames that are dumped.

40. TMBADPID (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSGETPID() macro returned OSnullpid, or the process ID was invalid.

41. TMBADPOLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to retrieve a port from the dynamic relation RLPORTLA. As a result, a port's in-service or out-of-service status could not be changed.

42. TMBADSDLREQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A bad request type was specified in a MGSDLALLOC message.

43. TMBAD_SMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process received an invalid short message.

44. TMBADSTATE (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

While a process was waiting for a setup complete message, a check of the process's state variable found an unexpected value.

45. TMBADTG2SM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An rITG2SM tuple was found in the AM office dependent data (ODD) that has a trunk group number greater than the allowed maximum value.

Data Structures:

RLTG2SM. Key field: tgnum (trunk group number).

Action:

Use RC/V (or ODBE, if necessary) to verify and delete (as needed) the data in the RLTG2SM relation.

46. TMBADTMR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: GPFTIMER	Audit Mode: elev

Problem:

Received a corrupted general purpose timer.

Probable Cause:

Tuple is missing or corrupted.

Action:

GPFTIMER audit will recover the timer to a valid list

47. TMBADWBPRT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An out-of-range value was encountered when obtaining wideband ports.

Probable Cause:

Software error in obtaining ports.

Action:

Contact your next level of support.

48. TMBD_ACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received by the inter-SM (ISM) craft terminal process.

49. TMBD_ACTN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action was specified in the inter-SM port (ISMPT) reconfiguration (craft or auto request). The message in TMismsmsg was dumped.

50. TMBDATCN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid action parameter was specified in the TMism2ph() function or the TMinist_msg() function.

51. TMBD_DESTSM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid destsm parameter was specified.

52. TMBD_DLT_DATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DLTDATA	Audit Mode: elev

Problem:

A function associated with inter-SM nailup recovery detected a corrupt TMdlt_data[] array entry. The elevated audit

requested should synchronize this dynamic array with static data.

Repeated asserts associated with the same port (the port or dlt is identified as a parameter or local variable in the stack trace of the calling function) indicate that the recovery was not successful. This may be due to missing or mutilated static data. Use RC/V (or ODBE, if necessary) to interrogate the rIDSLEQUIP and rIISMPATH tuples associated with the identified port.

53. TMBD_EVNT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistent information was encountered regarding the queued inter-SM (ISM)-SM system process messages. A single process purge is required.

54. TMBDIN_MSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid input message was received by the inter-SM (ISM) craft terminal process. The input message will be dumped.

55. TMBD_ISMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid ismtype was received in a message. The message contents will be dumped.

56. TMBD_JOB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid integrated services port administrator (ISPA) job was detected for an inter-SM port (ISMPT).

57. TMBD_MATESM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: MATESM	Audit Mode: elev

Problem:

The inter-SM (ISM)-SM system process detected corrupt TMmatesm[destsm] data. An audit is required to correct the data.

58. TMBD_MSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process received an invalid message from the mate SM.

59. TMBD_OOSDLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMOosdli variable had an invalid value.

60. TMBDPTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown port type was received in a message.

61. TMBD_RESP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM) craft messages were not sent to any SM. Check the response local variable.

62. TMBD_SM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid SM number was specified in the craft message for inter-SM port (ISMPT) reconfiguration. The message in TMismsmg or TMismlmsg was dumped.

63. TMBLRFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic data (TMblrpids[]) used to time CCS blocking reception has reached its capacity limits one or more times in the last 15 minutes. The number of times the limit was reached is identified, along with other data which is useful when analyzing the cause of the condition.

Probable Cause:

See next section.

Action:

CCS blocking messages are timed upon reception so that output reports will not be generated until a trunk has been blocked for at least a minimal time interval based on protocol.

When the CCS blocking reception timing mechanism reaches capacity, any incoming BLO message is dropped and is not acknowledged or processed.

This behavior may result in a near-end trunk that is in-service but the far-end of the trunk is locally blocked and not capable of carrying traffic. If the near-end office selects this trunk for an outgoing call, the far-end office will deny the request by returning a BLO message.

The far-end office should resent the BLO message in 4-15 seconds yielding another attempt to access the CCS blocking reception mechanism.

The system was designed to work with occasional shortages, and performance should not be seriously degraded by infrequent occurrences.

If the shortages occur regularly, exhibit a pattern, or can be linked to a concurrent event, report this problem to the product engineering control center (PECC) for analysis. Please include all data associated with this assert along with any data collected during the investigation of this problem when reporting this to PECC.

64. TMBR_KEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation name was encountered when trying to read the SM office dependent data (ODD) relation RLKEY_TALK during an SM initialization. This indicates that the relation ID for RLKEY_TALK is not in this SM's access dictionary that resides in the ODD.

Action:

Contact the office data administration (ODA) organization. They will build a new ODD for this SM with an access dictionary that includes the relation ID for RLKEY_TALK.

65. TMBR_LA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation name was encountered when trying to clear the dynamic relation RLPORTLA during an SM initialization. This indicates that the relation ID for RLPORTLA is not in this SM's access dictionary in the office dependent data (ODD). As a result, RLPORTLA was not initialized on this SM. This problem affects service since the RLPORTLA relation is needed for call processing.

Action:

Contact the office data administration (ODA) organization. They will build and install a new ODD for this SM which contains an access dictionary that includes the relation ID for RLPORTLA.

66. TMBR_PHIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation name was encountered while trying to clear the dynamic relation RLPHISTORY during an SM initialization. This indicates that the relation ID for RLPHISTORY is not in this SM's access dictionary in the office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. The ODA will build a new ODD for this SM which contains an access dictionary that includes the relation ID for RLPHISTORY.

67. TMBR_PORTTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation name was encountered when trying to read the SM office dependent data (ODD) relation RLFC_PORTTYP during an SM initialization. This indicates that the relation ID for RLFC_PORTTYP is not in this SM's access dictionary which resides in the ODD.

Action:

Contact the office data administration (ODA) organization. They will build a new ODD for this SM which contains an access dictionary that includes the relation ID for the RLFC_PORTTYP relation.

68. TMBR_PRTLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation name was encountered when trying to insert a tuple in the dynamic relation RLPRTLST during an SM initialization. This indicates that the relation ID for RLPRTLST is not in this SM's access dictionary in the office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. They will build and install a new ODD for this SM which contains an access dictionary that includes the relation ID for RLPRTLST.

69. TMBR_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid relation name was encountered when trying to read the SM office dependent data (ODD) relation RLFC_TRUNK during an SM initialization. This indicates that the relation ID for RLFC_TRUNK is not in this SM's access dictionary that resides in the ODD.

Action:

Contact the office data administration (ODA) organization. They will build a new ODD for this SM with an access dictionary that includes the relation ID for RLFC_TRUNK.

70. TMC7CADNFAIL (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A CCS7 port has been found which needs to be removed CADN. The port was attempted to be processed but failed.

Probable Cause:

An attempt was made to load the port into a table, but the table was full. Other resource limitations could have been reached such as the maximum number of message buffers reached or failure to get ownership of the port when trying to remove the port.

Action:

Office personnel should run circuit query for the office in order to find any possible port mismatches between the near end office and the far end. If requested through the command, recovery actions will automatically be attempted for any port mismatches.

71. TMC7ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: CINDX7	Audit Mode: elev

Problem:

Trouble has been detected with the data used to send common channel signaling system 7 (CCS7) blocking, unblocking and reset messages. Temporary inter-office trunk status conflicts are possible. These inconsistencies should self-correct over time as incoming and outgoing CCS7 calls occur on those trunks with inconsistent data. The CCS7 trunk status query feature can also be used to correct such inconsistencies, but it will run only if the status query feature is enabled.

Action:

The data problem detected was associated with the RLCINDX7 relation. This assert will schedule the AUCINDX7 audit to verify the data in the RLCINDX7 relation tuples and recover any bad data found. The RLCINDX7 relation is closely inter-related with three other dynamic relations (RLPCILST7, RLENTY7, and RLTIMER7). Problems detected by the AUCINDX7 audit may cause one or more of the audits for these related relations to run also.

If this assert continues to occur after the audit runs to completion, send the information from the assert output to the product engineering control center (PECC) for analysis. Up to three additional data blocks may also be included in the assert output to assist PECC in the isolation/resolution of the problem. Please include all data output as part of the assert when reporting the occurrence of this assert to PECC.

72. TMCAMATRK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the rITALK_KEY tuple associated with a centralized automatic message accounting (CAMA) operator number identification (ONI) talking trunk; therefore, the trunk's CAMA ONI keying trunk pair did not have the port status updated.

73. TMCCSCADN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLAMPCI7GR relation in the AM could not be updated correctly for a common channel signaling (CCS) trunk that transitioned to or from an out-of-service (OOS) cellular access digital network (CADN) port state.

Data Structures:

The SM number, port name, pci, and cic values of the trunk are dumped. The cic_offset of the trunk is also dumped and is a key to the RLAMPCI7GR relation along with the SM number and the pci value.

Action:

First determine the trunk's trunk group and member number by using the OP:CONV input command with the "port" option. Next, check the status of the trunk using the OP:STATUS input command. If the trunk is in an OOS CADN state, enter a RMV:TRK input command for the trunk specifying the same OOS CADN status that is on the trunk. If the trunk is not in an OOS CADN state, first use the RMV:TRK input command to add the OOS CADN DSBLD status to the trunk and then use the RST:TRK input command to restore the trunk to service. Both of these actions will cause the switch to make another attempt at updating the RLAMPCI7GR relation in the AM. If this causes another assert of this type to fire, contact a higher level of support.

74. TMCFHFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

When call failure handling (CFH) dynamic relations are cleared during initialization, a check is made to determine if the relations were cleared. The return code from this check was a failure type.

75. TMCFRDT2UNIT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access the tuple in the relation RLRDT2UNIT.

Data Structures:

A tuple is missing from the RLRDT2UNIT relation.

Action:

Insert the rLRDT2UNIT tuple for this RDT.

76. TMCGA1ODD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A master scanner unit (MSU) scan point fired. This point had an action of TMCONDITION from the RC/V View 8.10 (CARRIER GROUP ALARM). RC/V View 5.5 (TRUNK MEMBER) did not specify the ports that should be conditioned in association with this point.

Data Structures:

The receive only printer (ROP) output provides the SM number (in decimal) and the MSU scan point number (in hex).

Action:

Use RC/V View 5.5 (TRUNK MEMBER) to populate the office dependent data (ODD) with the port(s) that should be conditioned in association with this MSU scan point. If no ports should be conditioned, use RC/V View 8.10 (CARRIER GROUP ALARM) to change the action for this MSU scan point.

77. TMCGABLIST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: CGACKT	Audit Mode: elev

Problem:

There is a bad linkage associated with an RLCGALIST tuple.

Probable Cause:

A tuple is missing from RLCGALIST, the database is corrupt, or there is a failure in the database access routines.

Action:

Report occurrence along with all possible supporting data.

78. TMCGABLIST (5E11 only)

Recovery Action: rpi	SPP: n	Audit: CGACKT	Audit Mode: elev

Problem:

There is a bad linkage associated with an RLCGALIST tuple.

Probable Cause:

A tuple is missing from RLCGALIST, the database is corrupt, or there is a failure in the database access routines.

Action:

Report occurrence to PECC along with all possible supporting data.

79. TMCGAC2R (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: CGACKT	Audit Mode: elev

Problem:

A mismatch has occurred between the "src_map" field of an rICGACKT tuple and the RLCGAREL relation.

Probable Cause:

An error in dynamic data may be caused by use of ODBE, or errors in trigger and initialization functions.

Action:

Report occurrence along with all possible supporting data.

80. TMCGAC2R (5E11 only)

Recovery Action: rpi	SPP: n	Audit: CGACKT	Audit Mode: elev

Problem:

A mismatch has occurred between the "src_map" field of an RLCGACKT tuple and the RLCGAREL relation.

Probable Cause:

An error in dynamic data may be caused by use of ODBE, or errors in trigger and initialization functions.

Action:

Report occurrence to PECC along with all possible supporting data.

81. TMCGACKT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: CGASTAT	Audit Mode: elev

Problem:

A Failure occurred during a database (DB) read of the RLCGACKT relation.

Probable Cause:

A tuple may be missing from the RLCGACKT relation or DB can not access the tuple.

Action:

Report occurrence along with all possible supporting data.

82. TMCGACKT (5E11 only)

Recovery Action: rpi	SPP: n	Audit: CGASTAT	Audit Mode: elev

Problem:

A Failure occurred during a database (DB) read of the RLCGACKT relation.

Probable Cause:

A tuple may be missing from the RLCGACKT relation or DB can not access the tuple.

Action:

Report occurrence to PECC along with all possible supporting data.

83. TMCGAFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Carrier group alarm processing failed. No corrective action was possible.

84. TMCGALIST (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during a database (DB) access of the RLCGALIST relation.

Probable Cause:

Either a tuple is missing, cannot be read, or cannot be inserted.

Action:

Report occurrence along with all possible supporting data.

85. TMCGALIST (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during a database (DB) access of the RLCGALIST relation.

Probable Cause:

Either a tuple is missing, cannot be read, or cannot be inserted.

Action:

Report occurrence to PECC along with all possible supporting data.

86. TMCGAPORT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: CGASTAT	Audit Mode: elev

Problem:

A failure occurred during a database (DB) read of the RLCGAPORT relation.

Probable Cause:

A tuple is missing from the RLCGAPORT relation or DB can not access the tuple.

Action:

Report occurrence along with all possible supporting data.

87. TMCGAPORT (5E11 only)

Recovery Action: rpi	SPP: n	Audit: CGASTAT	Audit Mode: elev

Problem:

A failure occurred during a database (DB) read of the RLCGAPORT relation.

Probable Cause:

A tuple is missing from the RLCGAPORT relation or DB can not access the tuple.

Action:

Report occurrence to PECC along with all possible supporting data.

88. TMCGAPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An inconsistency was found during normal carrier group alarm (CGA) processing. This assert is for port conditioning operations.

89. TMCGAREL (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in the access of an RLCGAREL tuple

Probable Cause:

A tuple may be missing from the system, or some data access code failed.

Action:

Report occurrence along with all possible supporting data.

90. TMCGAREL (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in the access of an RLCGAREL tuple.

Probable Cause:

A tuple may be missing from the system, or some data access code failed.

Action:

Report occurrence to PECC with all possible supporting data.

91. TMCGASTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during a database (DB) read of the RLCGA_STAT relation.

92. TMCGATYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access the RLCGATYPE relation.

93. TMCHKSLCPC (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office data of the sending and receiving offices for a link test message signaling unit (MSU) conflict. The signaling link code (SLC) and/or origination point code (OPC) contained in the link test MSU which was sent from another office conflicts with the values that this office determined for these parameters.

Data Structures:

RLlnkp_ls[] -- keyed by dltnum

RLls_grp[] -- keyed by lsnum

RLapci_apc[] -- keyed by apcig

RLapc_info[] -- keyed by apcindx

Action:

The ROP output displays the linkset and member of the link the link test MSU came in on. The data following the heading "RECEIVED DATA" is the OPC of the office which sent the link test MSU and the SLC of the link over which the link test MSU was sent -- this data was taken from the MSU. The data following the heading "OFFICE DATA" is the destination point code (DPC) which corresponds to the office which sent the link test MSU and the SLC of the

link over which the link test MSU arrived -- this data was derived using data structures from this office.

The OPC following the heading "RECEIVED DATA" and the DPC following the heading "OFFICE DATA" should be the same. Likewise, the SLC following the heading "RECEIVED DATA" and the SLC following the heading "OFFICE DATA" should be the same.

Use recent change to verify that the SLC and DPC displayed in the section "OFFICE DATA" on the ROP output are the proper values for the the linkset and member displayed on the ROP.

Follow these steps:

- (1) Use the recent change "LINK SET VIEW" to find the adjacent point code (APC) for for the linkset -- this should correspond to the DPC displayed in the section "OFFICE DATA" on the ROP output
- (2) Use the recent change "LINK SET AND MEMBER VIEW" to find the SLC that is associated with the linkset and member that the MSU came in on -- this should correspond to the SLC displayed in the section "OFFICE DATA" on the ROP output
- (3) If either of the values found by steps 1 or 2 conflict with the output from the ROP, a dynamic relation (RLInk_stat[] or RLIs_stat[]) is suspect of being in error. Audits run routinely on these relations and should clear up the problem. Audits may be manually requested to run on these relations by entering the following commands at the MCC:

```
st-audsm: sm#, lsdata;
st-audsm: sm#, lnkdata;
```

- (4) If the values found by steps 1 and 2 match the output from the ROP, then the two offices are using different values for the SLC of the link and the point code of the office which sent the link test MSU -- communicate with personnel of other office to resolve data conflict

94. TMCHKSLCPC (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The office data of the sending and receiving offices for a link test message signaling unit (MSU) conflict. The signaling link code (SLC) and/or origination point code (OPC) contained in the link test MSU which was sent from another office conflicts with the values that this office determined for these parameters.

Data Structures:

RLInkp_Is[] -- keyed by dltnum.
 RLIs_grp[] -- keyed by lsnum.
 RLapci_apc[] -- keyed by apcig.
 RLapc_info[] -- keyed by apcindx.

Action:

The ROP output displays the linkset and member of the link the link test MSU came in on. The data following the heading "RECEIVED DATA" is the OPC of the office which sent the link test MSU and the SLC of the link over which the link test MSU was sent -- this data was taken from the MSU. The data following the heading "OFFICE DATA" is the destination point code (DPC) which corresponds to the office which sent the link test MSU and the SLC of the link over which the link test MSU arrived -- this data was derived using data structures from this office.

The OPC following the heading "RECEIVED DATA" and the DPC following the heading "OFFICE DATA" should be the same. Likewise, the SLC following the heading "RECEIVED DATA" and the SLC following the heading "OFFICE

DATA" should be the same.

Use recent change to verify that the SLC and DPC displayed in the section "OFFICE DATA" on the ROP output are the proper values for the linkset and member displayed on the ROP. Follow the steps outlined below:

- 1) Use the recent change "LINK SET VIEW" to find the adjacent point code (APC) for the linkset -- this should correspond to the DPC displayed in the section "OFFICE DATA" on the ROP output
- 2) Use the recent change "LINK SET AND MEMBER VIEW" to find the SLC that is associated with the linkset and member that the MSU came in on -- this should correspond to the SLC displayed in the section "OFFICE DATA" on the ROP output
- 3) If either of the values found by steps 1 or 2 conflict with the output from the ROP, a dynamic relation (RLnk_stat[] or RLls_stat[]) is suspect of being in error. Audits run routinely on these relations and should clear up the problem. Audits may be manually requested to run on these relations by entering the following commands at the MCC:

```
st-audsm: sm#, lsdata;
and
st-audsm: sm#, lnkdata;
```

- 4) If the values found by steps 1 and 2 match the output from the ROP, then the two offices are using different values for the SLC of the link and the point code of the office which sent the link test MSU -- communicate with personnel of other office to resolve data conflict

95. TMCICLKGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred while attempting to do a fast read of relation RLCICLKGRP.

96. TMCKTDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred while reading the RLCKTDATA relation.

97. TMCKTLPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in the tuples of the office dependent data (ODD) relations RLSPID and RLLPT_SPID. The lport key of the rLPT_SPID tuple does not match the ckt_lport attribute of the rLSPID tuple.

Data Structures:
RLSPID, RLLPT_SPID.

The first field dumped is the digcnt key of the missing rLSPID tuple, and the second field contains the USPIDs of the missing tuple. The USPIDs are stored and printed as right justified. If the USPIDs are less than 18 digits, then the most significant digits are padded with zeros.

The third field is the lport key of the rLPT_SPID tuple. The fourth field is the numeric value of the lpt_type key of the rLPT_SPID tuple. (The enumeration strings for the lpt_type key are in the global header db/DMlpt_type.h)

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency. If ODBE is used to update the tuple, keep in mind

that the USPID digits are stored right justified and if the USPID is less than 18 digits, the most significant digits are padded with zeros.

98. TMCKT_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLCKT_PORT. When attempting to read this relation, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLCKT_PORT.

Action:

This is a database inconsistency that can only be corrected by manual action.

99. TMCKTREL (5E13 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred while reading the RLCKT_REL relation.

100. TCMCKP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed in communication with the communications kernel process (CMKP).

101. TMCNTFDASP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

The dynamic access (DA) primitive DAfdasp() was called from within the TMospsinit() function to obtain the restart request response timer and the restart request retransmission count in the supplementary protocol block (SPB). However, the linkage from the D-channel application linkage block (DALB) to the SPB could not be followed to obtain an rISPB tuple. The DALB will be quarantined and the DALB audit will be scheduled to clean up the DALB.

102. TMCOMMFAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to communicate with a process. This problem was probably due to an OSSENDMSG() macro failure.

103. TMCOTCHECK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown report or result was received from a continuity check.

104. TMC_PHIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered while attempting to clear the dynamic relation RLPHISTORY during an SM initialization. There may be a problem in this SM's office dependent data (ODD) access dictionary entry for the RLPHISTORY relation.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary paying particular attention to the entry for the RLPHISTORY relation. When the error is found, a new ODD for this SM will be built and installed.

105. TMC_PORTLA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to clear the dynamic relation RLPORTLA during an SM initialization. This most likely indicates a problem in this SM's office dependent data (ODD) access dictionary entry for the RLPORTLA relation. As a result, the RLPORTLA relation was not initialized. This problem affects service because RLPORTLA is needed for call processing.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary paying particular attention to the entry for the RLPHISTORY relation. When the error is found, a new ODD for this SM will be built and installed.

106. TMCPTIMEOUT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

IM timed out waiting for the CP to respond to a status change.

107. TMCR_ABRT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM) craft AM abort variable indicates that an SM is out-of-range. The global variable will be dumped.

108. TMCRT_TIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: TCB	Audit Mode: nonseg

Problem:

A critical inter-SM (ISM)-SM system process timer was not established.

Action:

Purge operating system for distributed switching (OSDS) process #113 in the affected SM to correct the problem.

109. TMCRT2DS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIRT2DS1 tuple failed with a DBNO_MATCH error.

Data Structures:

RLRT2DS1. Key field: rname.

Action:

Insert an rIRT2DS1 tuple for this rname key value.

110. TMCTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal process could not be started for a message that was just removed from the queue (ATA_QUE).

111. TMCUR_PORTTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid cursor error was encountered when trying to read the office dependent data (ODD) relation RLFC_PORTTYP during an SM initialization. As a result, the dynamic relation RLPORTLA was only partially initialized. The port linkage area (PORTLA) audit should finish building the RLPORTLA relation.

112. TMDACATPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCATPS	Audit Mode: elev

Problem:

An unsuccessful return was received from the DAGTCATPS() macro. The twelve control area tuples should always exist.

113. TMDALHPTPN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RLHPTPN	Audit Mode: elev

Problem:

An unsuccessful return was received from the DAGTLHPTPN() macro. The twelve list head tuples should always exist.

114. TMDAMCATPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RMCATPS	Audit Mode: elev

Problem:

An unsuccessful return was received from the DAGTMCATPS() macro. Both master control area tuples should always exist.

115. TMDASPTPN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RQKEYPT	Audit Mode: elev

Problem:

A tuple in the static relation RLR_QKEYPT did not have a corresponding tuple in the dynamic relation RLR_SPTPN.

116. TMDA_TIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the RLDA_TIMER relation.

117. TMDATPSTAT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTPSTAT	Audit Mode: elev

Problem:

An unsuccessful return was received from the DAGTTPSTAT() macro. The 100 test position tuples should always exist.

118. TMDBAML (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not get information from the RLRT_TRKG relation; therefore, the craft request to print the automatic maintenance limit of a specified trunk group was not completed successfully.

119. TMDBERRS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The limit of database (DB) errors allowed in one of the terminal maintenance (TM) dynamic data initialization functions was exceeded. The function stops its initialization.

120. TMDBRDFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive failed to read a relation. The first block of data dumped provides the ID of the relation being read, the number of keys to the relation, and the keys (each key printed separately).

```

relid  1  key1...
relid  2  key1  key2...
relid  3  key1  key2  key3...
relid  N  key1  key2  key3...  keyN

```

Exhibit 1 Examples with one data block:

If the key is larger than 32 bits, then a second and third block of data will be printed containing the keys.

BLOCK 1 DUMP:

```
relid  0  ...
```

BLOCK 2 DUMP:

```
key1...
```

BLOCK 3 DUMP:

key2...

Exhibit 2 Example with two or three data blocks:

121. TMDRTLWS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLTLWSR relation was not populated correctly, or could not be read.

122. TMDLWS101 (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLTM_WS101 relation was incorrectly populated or could not be read.

123. TMDLHN_PRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the office dependent data (ODD) relation RLDLHNPRI.

Data Structures:

RLDLHNPRI.

The first field dumped is the member key (port name) of the missing tuple, the second field is the module key (SM number).

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

124. TMDCOND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The DBfrdtup() function failed when retrieving data from the TMportcond[] table.

Probable Cause:

The PORTLA list was invalid or the TMportcond[] table was corrupted.

Action:

The PORTLA audit will recover the port to a valid list

125. TM_DDEIFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the RLEISDSL static relation with the SM relative link (sm_rel_lnk) as a key, the database read failed.

The sm_rel_lnk that was used as a key and the sm_rel_lnk that was read from the RLEISDSL relation will be

dumped.

Data Structures:

RLEISDSL. Key field: sm_rel_Ink.

Action:

If this assert fires continuously, check RC/V View 21.30 (OSPS - DSL PORT). Compare the sm_rel_Ink key with the values dumped. If the data could not be obtained using RC/V, delete the rLEISDSL tuple then re-insert it.

126. TMDDFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Indicates a failure of data delivery.

127. TMDDREAD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDread() primitive failed; that is, it returned a negative value.

128. TM_DDSMFR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

When reading the RLEIS_SM static relation with the external information system (EIS) ID (eisd) as a key, the database read failed. The EIS ID that was used as a key and the EIS ID that was read from the RLEIS_SM relation will be dumped.

Data Structures:

RLEIS_SM. Key field: eisd.

Action:

If this assert fires continuously, check RC/V View 21.52 (OSPS SM SPECIFIC DATA FOR EIS). Compare the eisd key with the values dumped. If the data could not be obtained using RC/V, delete the rLEIS_SM tuple then re-insert it.

129. TMDEL_CON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to remove a power cross status from the line failed.

130. TMDETIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSDETIMER() macro failed to remove an existing timer. The timer tag is contained in the user stack frames that are dumped.

131. TMDF2THRSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access or update the rIDF2THRSH tuple for this key.

132. TMDFITIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A cyclic timer cannot be set.

133. TMDLSDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static data for an operator services position system (OSPS) data link digital subscriber line (DSL) was inconsistent. For each data link DSL, there must be an rIDLDSL tuple with the key of the global port of the D-channel port.

Data Structures:

RLDLDSL.

Action:

Use RC/V (or ODBE, if necessary) to add the required rIDLDSL tuple.

134. TMDNOFCPTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The given integrated services digital network (ISDN) port had a corresponding rIDSLEQUIP tuple, but did not have an rIFC_PORTTYP tuple. ISDN ports terminate at a protocol handler (PH).

Data Structures:

RLDSLEQUIP, RLFC_PORTTYP.

Action:

For the given port, use RC/V to verify the corresponding rIDSLEQUIP and rIFC_PORTTYP tuples and correct any inconsistencies. The RC/V views that display data for ports known to have tuples in the RLDSLEQUIP relation are View 5.5 (TRUNK MEMBER), View 21.30 (OSPS DSL PORT ASSIGNMENT), View 22.13 (INTER SM NAIL UP), and View 23.1 (ISDN INDIVIDUAL DSL - LCEN).

135. TMDNTRAN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the DBfrdtup() function to read the AM static relation RLRT_DNTRAN failed, indicating that a non-resource failure problem exists. DBNO_MATCH was not the failure code.

136. TMDPB4ISM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

The expected D-channel port block (DPB) for an inter-SM (ISM) port could not be retrieved by database (DB) primitives.

137. TMDPBINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:
Failed to initialize the rDPB tuple via the TMimdpbint() function.

138. TMDPBINV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:
The D-channel port block (DPB) was inconsistent with static data.

Probable Cause:
The DPB was corrupted.

Action:
The DPB audit will be scheduled to correct the problem.

139. TMDPC_DPCI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An error occurred while attempting to do a fast read of relation RLDPC_DPCI.

140. TMDPC_INFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
An error occurred while attempting to do a fast read of relation RLDPC_INFO.

141. TMDS12RT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Failed to access the tuple in relation RLDS12RT.

Probable Cause:
The tuple is missing or corrupted.

Action:
Contact office-dependent data (ODD) administrator and/or developer.

142. TMDSLEQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A failure was reported from the RLDSLEQUIP relation trigger function TMtdsleq2().

143. TMDSLRMFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMDslrmv() primitive failed to add out of service states for a port.

144. TME7ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ENTRY7	Audit Mode: elev

Problem:

Trouble has been detected with the data used to send common channel signaling system 7 (CCS7) blocking, unblocking and reset messages. Temporary inter-office trunk status conflicts are possible. These inconsistencies should self-correct over time as incoming and outgoing CCS7 calls occur on those trunks with inconsistent data. The CCS7 trunk status query feature can also be used to correct such inconsistencies, but it will run only if the status query feature is enabled.

Action:

The data problem detected was associated with the RLENTY7 relation. This assert will schedule the AUENTRY7 audit to verify the data in the RLENTY7 relation tuples and recover any bad data found. The RLENTY7 relation is closely inter-related with three other dynamic relations (RLPCILST7, RLCINDX7, and RLTIMER7). Problems detected by the AUENTRY7 audit may cause one or more of the audits for these related relations to run also.

If this assert continues to occur after the audit runs to completion, send the information from the assert output to the product engineering control center (PECC) for analysis. Up to three additional data blocks may also be included in the assert output to assist PECC in the isolation/resolution of the problem. Please include all data output as part of the assert when reporting the occurrence of this assert to PECC.

145. TM_EDDKBD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

On reading the RLDLDSL static relation with a key constructed from the processor number and a port passed to the TMeis_dd() function, a call to read the database was unsuccessful. The port that was passed to TMeis_dd() is dumped, followed by the port that was read from the RLDLDSL relation.

Data Structures:

RLDLDSL. Key field: gdport (global D port).

Action:

If this assert fires multiple times, check RC/V View 21.30 (OSPS - DSL PORT). Compare the port on this view with the values dumped. If the data could not be obtained using RC/V, delete the rIDLDSL tuple then re-insert it.

146. TMEHBFLR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OAEishrtbt() function was called to send out a heart beat message and was not successful. Either an unexpected parameter was passed to the function, or the function could not send a message.

The parameters that are passed to this function are

- eislnk_ptr, a pointer to the RLEIS_LNK dynamic relation
- msg_type, the type of message that was requested or responded to

- msg_ptr, a pointer to the message structure

Data Structures:

RLEIS_LNK, RLEIS_DATA.

Action:

The message buffer, msg_ptr, and eisdata_ptr from the RLEIS_DATA relation will be dumped. Check the RLEIS_DATA structure to verify that the message was populated with the correct values.

147. TMEIDSLNRD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to the DBfrdtup() primitive in the TMps_eis() function to obtain an rLEISDSL tuple failed. The database (DB) primitive returned DBNO_MATCH or DBRELNAME_BAD.

The SM relative link (sm_rel_lnk) key used to read the rLEISDSL tuple was calculated from the links assigned (lnks_asgnd) attribute read from an rLEIS_SM tuple. The lnks_asgnd attribute is a bit map containing from 0-15 bits. Bits that are set to 1 in the bit map correspond to links that are assigned on the SM, and the position of that bit in the bit map is the SM relative link number (sm_rel_lnk).

For example, if the lnks_asgnd attribute has the value 7 then bits 0, 1, and 2 are set to 1 and the SM has relative links 0, 1, and 2 respectively assigned. If the bit map has an out of range value, an invalid key may be used to read an rLEISDSL tuple.

Data Structures:

RLEISDSL. Key field: sm_rel_lnk.

RLEIS_SM. Key field: eisid [external information system (EIS) ID].

Action:

Compare the SM relative link and the links assigned that are dumped against the values on RC/V View 21.30 (OSPS - DSL PORT) and View 21.52 (OSPS SM SPECIFIC DATA FOR EIS) for the RLEISDSL and RLEIS_SM relations, respectively.

148. TMEIMSGLE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The operating system for distributed switching (OSDS) tried to process a heart beat message that overflowed its message buffer.

Action:

Place the link on the OOS/DSLINIT list.

149. TMEI_NORD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The port that was passed to the TMps_eis() function was used to construct a key to read a static relation. An attempt to read the static relation failed and DBNO_MATAch or DBBRELNAME_BAD was returned.

This failure disallows the update of the recent overload (recent_ovld) and approximate usage (appx_usage) attributes when the status of an external information system (EIS) data link is requested.

Data Structures:
RLDLSL. Key field: gdport.

Action:

The RLDLSL static relation has an invalid or corrupted key. The key is a structure containing two fields, a port and the SM or processor number. Check RC/V View 21.30 (OSPS - DSL PORT) for consistency between the port that was dumped and the port on this view. If the information could not be determined using RC/V, delete the rldlsL tuple then re-insert it.

150. TMEINOREP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During the initialization of an external information system (EIS) data link, the integrated services port administrator (ISPA) terminal process could not replace to the EIS terminal process. The OSREPLACE() macro returned, which should not happen.

151. TMEIS_DDUNX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from a database read. The database primitive DBfrdtup() was called from the TMeis_dd() function to read a static relation. DBfrdtup() failed and returned a value that was not tested for in the TMeis_dd() function.

152. TMEISDEBUG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The global variable OAeisim [the external information system (EIS) integrity monitor] was enabled. The port that was active in the leg of code where the error occurred will be dumped.

Action:

Check the code where the error occurred or the value of the port.

153. TMEISDYERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

While populating a dynamic relation, the key was tested against the corresponding attribute in the static relation. The key was invalid.

Data Structures:

RLEIS_LNK. Key field: smrlnk (SM relative link).
RLDLSL. Key field: gdport (global port).

Action:

The AUEIS_LNK audit is scheduled in elevated mode. The audit will correct the discrepancy found in the dynamic relation.

154. TMEISMSGER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While checking an external information system (EIS) system status request or EIS system status response message, the message set ID (msg_set_id) or the switch identifier (eis_swid) was incorrect.

Data Structures:

RLEIS_DATA. Key field: eis_id (EIS identifier).

Action:

Check RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM (EIS) DATA). This view contains the msg_set_id. The data that is considered invalid will be displayed. Also check the contents of the message that was sent.

155. TMEIS_PSUNX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() primitive was called from the TMps_eis() function. DBfrdtup() returned a value that was not tested for in a switch statement. This unexpected return value occurred when an attempt was made to read the RLDLDSL relation.

156. TMEISSDBERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading static data in an attempt to initialize an external information system call (EIS) call processing data link (CPDL), an error was encountered in the database read.

The static consistency checks will be performed between attributes from the RLEISDATA, RLEISDSL, and RLDLDSL static relations. The data that is dumped indicates the attributes which were found to be flawed during the database read.

Data Structures:

RLDLDSL. Key field: gdport (global port).

RLEIS_DATA. Key field: sm_rel_lnk (SM relative link).

RLEISDSL. Key field: eis_id (EIS identifier).

Action:

Check RC/V View 21.30 (OSPS - DSL PORT) and RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM (EIS) DATA). If no information can be obtained from View 21.30, use RC/V to delete the rLEISDSL tuple or the rIDLDSL tuple then re-insert the tuple. If no information can be obtained from View 21.51, delete the rLEIS_DATA tuple then re-insert the tuple.

157. TMEIS_SM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In an attempt to read an rLEIS_SM tuple, DBNO_MATCH was returned. This indicates that the key used to read this tuple was not valid. If an rLEIS_SM tuple does not exist, then the number of data links connecting the external information system (EIS) to a position switching module (PSM) will not be obtained. This information is needed to update the EIS entry on display page 1460.

Data Structures:

RLEIS_SM. Key field: eis_id.

The SM relative link (eis_id) key will be printed on the receive only printer (ROP).

Action:

Use RC/V View 21.30 (OSPS - DSL PORT) to verify that the EIS ID that was printed on the ROP exists. If it does not exist, then determine if a tuple associated with that EIS ID must be supported.

158. TMEISSTCHK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While reading static data in an attempt to initialize an external information system (EIS) call processing data link (CPDL), an error was encountered.

Data Structures:

RLDLDSL. Key field: gdport (global port).

RLEIS_DATA. Key field: sm_rel_lnk (SM relative link number).

RLEISDSL. Key field: eis_id (EIS identifier).

This assert is called from the TMeis_stchk() function. When an inconsistency occurs that corresponds to one of the following items, the data specified will be dumped.

1. The SM relative link numbers contained in the RLEISDSL and RLDLDSL relations and the EIS ID.
2. The EIS ID contained in the RLEISDSL and RLDLDSL relations and the SM relative link numbers.
3. The maximum link capacity contained in the RLEISDSL and RLEIS_DATA relations, the EIS ID, and the SM relative link number.
4. The servclass obtained from the RLDLDSL relation and the servclass passed to the function, along with the sm_rel_lnk and eis_id.
5. The port obtained from the RLDLDSL and RLEISDSL relations, as well as the sm_rel_lnk and eis_id.

Action:

Check View 21.30 (OSPS - DSL PORT) and View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM (EIS) DATA). If there is a problem with the RLDLDSL, RLEIS_DATA, or RLEISDSL relations, use RC/V to delete the offending tuple then re-insert the tuple.

159. TM_EISYSER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In an attempt to read the RLDLDSL static relation, the database read was unsuccessful because of a system error.

Data Structures:

RLDLDSL. Key field: gdport (global D port).

160. TMEITRSLT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMemtrnslate() function could not translate an external message type to its corresponding internal form. The

message set ID that was passed as a parameter to TMemtrnslate() was invalid or not yet defined, or the external message type was invalid.

Data Structures:
RLEIS_DATA.

Action:

The msg_set_id parameter in the heart beat message will be dumped. Check that the msg_set_id attribute in the RLEIS_DATA relation corresponds to the current value in the heart beat message. Also, verify that the data in the heart beat message is valid. The message set ID information can be found on RC/V View 21.51 (OSPS EXTERNAL INFORMATION SYSTEM (EIS) DATA).

161. TMELNK_KEY (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LNK	Audit Mode: elev

Problem:

A call to the DAGETLNK() macro in the TMps_eis() function returned a key (SM relative link number) that does not match the SM relative link attribute obtained from an rLEISDSL tuple. The AUEIS_LNK audit will be scheduled in elevated mode to reconstruct the rLEIS_LNK tuple from static data.

If the assert fires repeatedly, then the SM relative link (sm_rel_lnk) attribute obtained from the RLEISDSL relation or RLDLDSL relation is invalid.

Data Structures:

RLEIS_LNK. Key field: sm_rlnk (SM relative link).

RLDLDSL. Key field: gdport (global port).

RLEISDSL. Key field: sm_rel_lnk (SM relative link).

Action:

Compare the SM relative link number dumped against that in RC/V View 21.30 (OSPS - DSL PORT) for the rLEISDSL tuple. Update View 21.30 to reflect the correct data, or delete the rLEISDSL tuple then re-insert it.

162. TME_MSUNEX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMemsgchk() function found an unexpected external information system (EIS) message type while validating the contents of a message. The link will be placed on the level three error list.

163. TMENDTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not end an update transaction.

164. TMEPREMT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

On initialization of an external information system (EIS) call processing data link (CPDL), either an MGINTERRUPT or an MGISDNDFAIL message was received. This caused the initialization to be preempted.

A window exists, such that an MGINTERRUPT message can be generated by typing RST:DATA LINK then

RMV:DATALINK at the master control center (MCC). The link is not placed on the OOS/DSBLD list as may be expected; however, the link is placed on the OOS/DSLINIT list and restored after a specified time when initialization is resumed.

165. TMEPRNVLD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSWGETMSG() macro was called from the TMemsghdr() function with an invalid parameter. Actions: Check the parameters that were passed to this macro. The link will be placed on the OOS/DSLINIT list.

166. TMEQLOC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the DBfrdtup() function to access database (DB) relation RLRC_EQLOC failed. This indicates a non-resource related problem with DB access to this relation.

167. TMEQUIPLPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in the tuples of the office dependent data (ODD) relations RLDSLEQUIP and RLLPT_PT. The port attribute in the rLPT_PT tuple does not match the dsl key in the rIDSLEQUIP tuple.

Data Structures:

RLDSLEQUIP, RLLPT_PT.

The first field dumped is the dsl key (port name) of the rIDSLEQUIP tuple. The second field is the lport key of the rLPT_PT tuple. The third field is the number value of the lpt_type key of the rLPT_PT tuple. (The enumeration strings for the lpt_type key are in the global header db/DMlpt_type.h)

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency.

168. TMEQUIPPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in the tuples of the office dependent data (ODD) relations RLDSLEQUIP and RLFC_PORTTYP.

Case 1: No corresponding rIDSLEQUIP tuple could be found for the given service class attribute in the rLFC_PORTTYP tuple.

Case 2: The D channel was not assigned for the given D port, but the service class attribute in the rLFC_PORTTYP tuple was incorrectly set to a value which indicates that the D channel has been assigned.

Data Structures:

RLDSLEQUIP. Key field: dsl (port name).

RLFC_PORTTYP. Key fields: port.member (port name), port.module, servclass (class of service).

Action:

Case 1: If the rIDSLEQUIP tuple is missing, use RC/V View 23.40 (T1 PACKET SWITCHING CHANNEL ASSIGNMENT) to fix the ODD inconsistency.

Case 2: If the class of service attribute for the rRFC_PORTTYP tuple has been incorrectly set, use RC/V View 23.40 to fix the inconsistency. (The enumeration strings for the class of service are in the global header db/DMservclass.h).

169. TMERR_DSLEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLDSLEQUIP relation has the briclass attribute defined as a Bellcore standard interface basic rate interface (BRI). This port does not support the Bellcore standard interface.

Data Structures:

RLDSLEQUIP.

The ROP output specifies the SM (in decimal) and the port (in hex).

Action:

Examine the rIDSLEQUIP tuple for the port specified. Use RC/V (or ODBE, if necessary) to correct the tuple.

170. TMERR_LA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when trying to insert a tuple in the SM dynamic relation RLPORTLA. This most likely indicates an error in the RLPORTLA entry in the access dictionary which is maintained in the SM's office dependent data (ODD).

The first data dump contains the rLPORTLA tuple that was being inserted when the assert fired. The second data dump contains the SM ODD rRFC_PORTTYP tuple that indicated that an rLPORTLA tuple needed to be added for the port. The entire first two bytes of each dump contains the local port name. The entire fourth byte of the second dump contains the SM number.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPORTLA relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

Other likely candidates for the error are the head page size field (rel_hsze), data page size field (rel_dsize), tuple per page field (acc_tpag), and the number of data pages field (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for the SM.

171. TMERR_PHIST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when the dynamic relation RLPHISTORY was initialized during an SM initialization. This indicates an error in the RLPHISTORY entry in the access dictionary which is stored in this SM's office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPHISTORY relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

The data dump should be examined to verify that the rel_tmax value is the problem. The entire first two bytes of the dump contain the key that was used to insert a tuple. If this key is equal to or greater than the value of rel_tmax, then rel_tmax was set too low and should be increased.

Otherwise, the error is in one of the other fields of the RLPHISTORY entry in the access dictionary; such as, the head page size (rel_hsze), data page size (rel_dsize), tuples per page (acc_tpag), or the number of data pages (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for this SM.

172. TMERR_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when trying to read the SM office dependent data (ODD) relation RLFC_PORTTYP during an SM initialization. This most likely indicates a problem in this SM's ODD access dictionary entry for the RLFC_PORTTYP relation.

The data dump contains the last RLFC_PORTTYP tuple successfully read. The entire first two bytes contain the local port name. The entire fourth byte contains the SM number.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLFC_PORTTYP relation. When the error is found, a new ODD for this SM correcting the access dictionary problem will be built and installed.

173. TMERR_PRTLST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when the dynamic relation RLPRTLST was initialized during an SM initialization. This indicates an error in the RLPRTLST entry in the access dictionary which is stored in this SM's office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPRTLST relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

The data dump should be examined to verify that the rel_tmax value is the problem. The entire first 2 bytes of the dump contain the key that was used to insert a tuple when the assert fired. If this key is equal to or greater than the value of rel_tmax minus 1, then rel_tmax was set too low and should be increased.

Otherwise, the error is in one of the other fields of the RLPRTLST entry in the access dictionary; such as, the head page size (rel_hsze), data page size (rel_dsize), tuples per page (acc_tpag), or the number of data pages (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for this SM.

174. TMETIMOUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMeisinit() function timed out while waiting for a response from the external information system (EIS). Possibly, the OAeishrtbt() function did not allocate a timer, or the EIS could not send a response.

175. TMFACPROV (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read relation rIFAC_PROV.

Probable Cause:

Corrupt database.

Action:

Fix database.

176. TMFAC_PROV (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred while reading the RLFAC_PROV relation.

Probable Cause:

Either there is no tuple exists for for the ckname used to read this relation, or there is a database error.

Action:

Use ODBE to read FAC_PROV relation using the ckname (4 bytes long) dumped on the ROP. If a tuple exists, then it could have been a database error. Otherwise, if no tuple exists insert one.

177. TMFACSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read relation rIFACSTAT.

Probable Cause:

Corrupt database.

Action:

Fix database.

178. TMFACTHRSH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access or update an rFACTHRSH tuple for a digital signal level 1 (DS1) performance monitoring group.

179. TMFC_LINE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read the RLFC_LINE relation to check the line for devised origination.

180. TMFC_OPRTK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred during a fast read of the RLFC_OPRTK relation.

181. TMFC_PORTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to access the RLFC_PORTTYP relation using the database (DB) primitives.

182. TMFCPRterr (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive returned a failure code when attempting to access the RLFC_PORTTYP relation.

183. TMFC_TRUNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database error occurred during a fast read of the RLFC_TRUNK relation.

184. TMFPMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Digital signal level 1 (DS1) performance monitoring code failed.

185. TMFRDRLN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed to read a relation.

186. TMFTH_LIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RLRC_OEINFO relation has line insulation testing (ALIT/DLIT) enabled for a fiber to the home line. LIT should never be allowed on fiber to the home lines.

Data Structures:

RLRC_OEINFO.

The ROP output specifies the SM (decimal) and port (hex).

Action:

Examine the rLRC_OEINFO tuple and inhibit LIT testing by setting the tmalit_ihb attribute to YES, via RC/V (or

ODBE, if necessary).

187. TMGDSFFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert indicates a failure in the TM/PC/GDSF interface.

188. TMGETDPB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTTYP	Audit Mode: elev

Problem:

Failed to get the D-channel port block (DPB) associated with the port. The DAGETDPB() macro was probably used.

189. TMGETISMDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DSLEQUIP	Audit Mode: elev

Problem:

Failed to get the integrated services digital network (ISDN) maintenance data block (ISMDB) that is associated with the digital subscriber line (DSL) group and member. The DAGETISMDB() macro was used.

190. TMGETLHD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RSPTPN	Audit Mode: elev

Problem:

The DAgolhsn() function did not successfully access the owner rIR_LHPTPN tuple of the specified rIR_SPTPN tuple.

191. TMGETMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal or system process could not receive the message that it was created to process for reasons other than resource failures.

192. TMGETPORT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An incorrect process ID was encountered.

193. TMGETPTSB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not successfully read a tuple from the peripheral time slot tlock (PTSB).

194. TMGETTMR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: GPFTIMER	Audit Mode: elev

Problem:

Failed to get pointer to rIGPFTIMER from dynamic ODD.

Probable Cause:

Broken linkage between rIGPFTIMER and headcell, rIOHTIMER

Action:

GPFTIMER audit will recover the timer to a valid list.

195. TMGHCATPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RCATPS	Audit Mode: elev

Problem:

The DAGhcatp() function did not successfully access the head rIR_TPSTAT tuple from the set owned by the rIR_CATPS tuple.

196. TMGL7ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A global parameter was attempting to be modified to an out of range value. The global parameter name is dumped in the output.

Data dumped with the assert: Parameter name, Processor, the current value of the parameter, the attempted new value of the parameter and an operation (increment, decrement, NA, etc).

Action:

Correct the specified global Parameter according to the population rules for the global parameter. If assistance is required in populating the global parameter, contact the product engineering control center (PECC). Populating the parameter incorrectly may result in system degradation.

197. TMGLEISEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data inconsistency was found between data in rLPARAMETER and rLEIS_SM tuples. The gleiseq attribute in the RLPARAMETER relation indicates the number of links from all external information systems (EISs) that are currently assigned on a position switching module (PSM). The Inks_on_sm attribute in the RLEIS_SM relation provides the total number of EIS data links for a specified EIS connecting a PSM. The sum of all Ink_on_sm attributes for all EISs connected to that PSM should equal the number of links that the gleiseq attribute indicates are assigned. A comparison was made and failed. If the number of links indicated in gleiseq does not match the sum of all Inks_on_sm attributes, then the indicator shown on page 1460 for EIS data links may not reflect the correct SM summary status of EIS data links.

Data Structures:

RLPARAMETER, RLEIS_SM.

The expected and calculated value of the number of EIS data links on the PSM will be printed on the receive only printer (ROP).

Action:

Use RC/V (or ODBE, if necessary) to cross check the data in the RLPARAMETER relation. The gleiseq attribute may have been updated using ODBE, if so change it back or contact your next level of support.

198. TMGLESNXPR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected value for the port flag was passed to the TMgleischk() function. As a result, GLFAIL will be returned to the TMeis_dd() function which invoked TMgleischk().

199. TMGLRDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read a global parameter has failed.

200. TMGLUPDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to update a global parameter failed.

201. TMGRSBUFFUL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While loading up reset messages during SM initialization an overflow condition was reached. CCS7 trunk reset requests that were not initially loaded will be picked up by the first interval of periodic reset.

Data Structures:

RLPCI7GR. Key Fields: pci, cic_offset.

Action:

The RLPCI7GR relation was being read sequentially when the failure occurred. The data shows the last successfully accessed tuple. If the keys are all zero then the failure occurred on the first tuple access.

The allocated memory for the dynamic relation(s) used for the MCAH process are not sufficient for the CCS7 cic assignments. These relations must be re-engineered to match the assignments. Contact the office data administration (ODA) organization for assistance.

202. TMGRSFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

While loading up reset messages during an SM full initialization an error occurred that left CCS7 trunk reset requests to be picked up by the first interval of periodic reset. The RLPCI7GR relation was being read sequentially when the failure occurred. The data shows the number of trunks being processed by periodic reset for a given SM. A trunks being processed value of 65535 indicates that all CCS7 trunks were processed by periodic reset. A value from 1-65534 indicates the actual number of CCS7 trunks being processed.

Data Structures:

None. RLPCI7GR provided by a previous TMGRSBUFFUL or TMGRSORIG assert.

Action:

None. The error is self recovering via periodic reset. This assert is informational only. The error source is explained

in the TMGRSBUFFUL or TMGRSORIG assert which should have been reported during the unsegmented initialization phase.

203. TMGRSORIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while trying to set up the data for CCS7 trunk initialization. All CCS7 ports will be left in the CCSINIT state until the periodic reset mechanism collects them. A longer than normal total reset interval will be experienced.

Data Structures:

RLPCI7GR. Key Fields: pci, cic_offset

Action:

RLPCI7GR relation was being read sequentially when the error occurred. The data shows the last successfully accessed tuple. If the keys are all zero then the failure occurred on the first tuple access.

Use RC/V procedures to correct the access to RLPCI7GR tuples. CCS7 trunks will initialize without intervention, however, at a much slower rate than normal.

Contact the office data administration (ODA) organization for assistance.

204. TMGSM_OPC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read RL GSM_OPC static relation.

Data Structures:

RL GSM_OPC.

Action:

No action.

205. TMHISDFIPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access or update the rIHISDFIPM dynamic tuple for this key.

206. TMHMACK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not acknowledge or process a TTY input message.

207. TMIALENDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMdtphle() function encountered an invalid index into the automatic line evaluation (ALE) data table.

208. TMICMTC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid test code for an incoming maintenance test call was encountered.

209. TMICRFT_MSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process received an invalid craft input message.

210. TMIDLETMR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Retrieved a non-active timer. Timer should not be on free pool.

Probable Cause:

Timer had previously been retired or expired.

Action:

Contact Lucent PECC with associated data for support.

211. TMIDLSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port status was found in the AM.

212. TMIFNADD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMfaradd() function found that TMfar.number had been corrupted.

213. TMIFNDEL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMfardel() function found that TMfar.number had been corrupted.

214. TMIFNURT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMuroute() function found that TMfar.number had been corrupted.

215. TMIHMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message was received from the human machine interface (HM). The message could not be processed.

216. TMILSDPOL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failed attempt has been made by a common channel signaling (CCS) signal link management (SLM) function to read the static ILSD_POL relation. This is an office dependent data (ODD) discrepancy because the LS_GRP static relation has indicated that the particular CCS link set is to be policed by the incoming link set and destination point code (ILS/DPC) feature, however the corresponding tuple entry in the ILSD_POL relation does not exist.

Data Structures:

Data 1: The relation identifier.

Data 2: The policed link set number.

Action:

If the specified CCS link set is supposed to be policed, as indicated from the LS_GRP relation, the corresponding ILSD_POL tuple must be inserted. If the specified CCS link set is not to be policed, the LS_GRP relation must be updated to indicate this desired state.

217. TMIMTCKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The data in the AM relation RLRT_TRKG and the SM relation RLIMTRKS does not match the circuit connections.

Data Structures:

RLRT_RTKG, RLIMTRKS.

The SM numbers, trunk group numbers, and trunk member numbers for the originating and terminating ends are dumped.

Action:

Use RC/V (or ODBE, if necessary) to verify and modify (as needed) the data in the RLRT_TRKG and RLIMTRKS relations. Use the group numbers as the tuple keys for RLRT_TRKG, and the group and member numbers as the tuple keys for RLIMTRKS. Determine whether the data matches the actual physical wiring.

218. TMIMT_KS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the SM office dependent data (ODD) relation RLIMTRKS resulted in a database read failure.

Data Structures:

RLIMTRKS.

The SM numbers, trunk group numbers, and trunk member numbers for the originating and terminating ends are dumped.

Action:

Use RC/V (or ODBE, if necessary) to verify and modify (as needed) the data in the RLIMTRKS relation. Use the

group numbers and member numbers as the tuple keys.

219. TMIMTRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the AM office dependent data (ODD) relation RLRT_TRKG resulted in a database read failure.

Data Structures:

RLRT_TRKG.

The SM numbers, trunk group numbers, and trunk member numbers for the originating and terminating ends are dumped.

Action:

Use RC/V (or ODBE, if necessary) to verify and modify (as needed) the data in the RLRT_TRKG relation. Use the group numbers as the tuple keys.

220. TMIMXJBS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMdtphmj() function found that the maxjobs local variable had been corrupted since the last process dispatch.

221. TMINCINTDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Inconsistent internal data was encountered. The inconsistent data will be dumped.

222. TMINCPTLH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RLHPTPN	Audit Mode: elev

Problem:

Corrupt linkages or inconsistent data was found between an rIR_SPTPN tuple and an rIR_LHPTPN tuple.

223. TMINCPTPN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RSPTPN	Audit Mode: elev

Problem:

An inconsistency was found within an rIR_SPTPN tuple.

224. TMINCPTTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTPSTAT	Audit Mode: elev

Problem:

An inconsistency was found between an rIR_SPTPN tuple and an rIR_TPSTAT tuple.

225. TMINCRECDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Incorrect record data was encountered. The incorrect records will be dumped.

226. TMINHCORC (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to update at least one RLAMPCI7GR that was found to be out of date with the corresponding SM PCI7GR tuple. However it appears that CORCs are inhibited so the update cannot take place.

Data Structures:

None.

Action:

Insure that CORCs are allowed within the next 24 hours. If CORCs are currently allowed, contact Lucent PECC for support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

227. TMINSPN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RSPTN	Audit Mode: elev

Problem:

The DBfintup() function did not successfully insert a tuple into the RLR_SPTN relation.

228. TMINSTPS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTPSTAT	Audit Mode: elev

Problem:

The DBfintup() function did not successfully insert a tuple into the RLR_TPSTAT relation.

229. TMINV_APMTP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid application protocol data unit (APDU) message type was encountered.

230. TMINVCLLI (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid value for the common language location identifier (CLLI) was encountered in data found in the AM relation RLRACTGRPRK. While this problem does not impact call processing, it should be corrected for the proper operation of CCS XLATE functionality.

Data Structures:

The AM relation RLRACTGRPRK has two attributes that contain CLLI data. The 'ne_clli' attribute contains the CLLI character string identifying the location of the near-end of the trunk group. The 'fe_clli' attribute contains the CLLI character string identifying the location of the far-end of the trunk group.

Action:

Both CLLI values (near-end CLLI and far-end CLLI) for the trunk group should be examined for validity. Each CLLI should be an 11 character string. CLLI strings that are less than 11 characters do not conform to specifications for CLLI format found in document GR-317. The RC/V View 1.5 [PBX-DID LINE (LINE ASSIGNMENT)] should be used

to inspect (and update if necessary) CLLI values for the trunk group. Use of ODBE to inspect/update the RLRCTGRPRK tuple directly should only be used if unable to use the RC/V View to do so (the keys to the RLRCTGRPRK tuple with the apparently invalid CLLI data are given in the associated assert output).

231. TMINV_DATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid data was passed to the function.

Probable Cause:

Difficult to say, need to trace the sender, the caller or the one who generated the data.

Action:

The invalid data will be dumped. Trace the source of the data for resolution of the problem.

232. TMINVJOB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated services port administration (ISPA) software received an invalid job request.

233. TMINVPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol handler (PH) was received as an input.

234. TMINVPRI (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated services port administration (ISPA) software received a job request with a job priority that was not valid for that job.

235. TMINVPROT (5E14 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol was specified as part of the protocol error record (PER) input buffer.

236. TMINVPROT (5E11 to 5E13)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid protocol was specified as part of the protocol error record (PER) input buffer.

237. TMINVPSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port status (pstatus) was encountered for this type of port (logical port type or service class).

238. TMINVREQ (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function was given an invalid request.

Probable Cause:

There is an interface problem between two functions.

Action:

Save the assert data and contact a higher level of support. If the problem is reproducible, record how the assert can be reproduced.

239. TMINVSCOPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated services port administration (ISPA) software received an invalid scope or an invalid combination of scopes for a given job.

240. TMINVXLDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Q.931 message translation to the external format could not be accomplished because invalid data was provided.

241. TMIPCI7LAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid point code index value (field 'pci') was detected for the specified tuple of the RLPCI7_LAB relation.

Data Structures:

The data identified in the assert output consists of the following:

PCI - point code index (key to the RLPCI7_LAB relation found to be in error).

OPC - origination point code (attribute from RLPCI7_LAB, but partial key to the inverse relation RLLAB7_PCI).

DPC - destination point code (attribute from RLPCI7_LAB, but partial key to the inverse relation RLLAB7_PCI).

Action:

Check the validity of the data in the RLPCI7_LAB tuple identified in the assert output. Correct any invalid data found. Also check the inverse relation RLLAB7_PCI, which contains similar data to RLPCI7_LAB and may also contain invalid data.

242. TMISCLCNT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated services port administration (ISPA) system process audited and corrected the count of the number of ISPA terminal processes that are either loop around test jobs or camp-on jobs.

243. TMISDBHC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DBHEADC	Audit Mode: elev

Problem:

A linkage error was detected with a database (DB) head cell tuple.

244. TMIS_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to insert the in-service system list tuple into the dynamic relation RLPRTLST during an SM initialization. This indicates an error in the RLPRTLST entry in the access dictionary which is stored in this SM's office dependent data (ODD). As a result, the dynamic relation RLPORTLA was not initialized. This problem affects service because the RLPORTLA relation is needed for call processing.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPRTLST relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

Other likely candidates for the error are the head page size field (rel_hsze), the data page size field (rel_dsze), tuples per page field (acc_tpag), and the number of data pages field (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for this SM.

245. TMISINVPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port was given as an input.

246. TMISM_GLOBAL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process global status variables were corrupted. This problem can be corrected by a single process purge.

247. TMISMHSMDLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The remote switching module (RSM) received a message that a parent host switching module (HSM) dual link interface (DLI) made a transition from the ACT state to the OOS/UNAV state.

248. TMISMPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read the SM office dependent data (ODD) relation RLISMPATH.

Data Structures:

RLISMPATH. Key field: logical port name.

Action:

Use RC/V (or ODBE, if necessary) to add or delete an RLISMPATH tuple with the specified logical port name.

249. TMISMRSRSM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert is fired under the following conditions:

1) The static relation RLISMRSRSM is missing from the asserting SM. This relation must be populated in the asserting SM.

2) The static relation RLISMRSRSM contained out-of-range SM numbers (as determined by the inter-SM nailup maintenance code).

Data Structures:

RLISMRSRSM. The RLISMRSRSM relation is keyed by host SM number and contains a list of child remote switching modules (RSMs) containing inter-SM nailups.

Action:

Use RC/V (or ODBE, if necessary) to add the missing tuple to the asserting SM or to check and correct the out-of-range SM numbers.

250. TMISMSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return code was received from the OSSENDMSG() macro [inter-SM (ISM) nailup maintenance].

251. TMISPABUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: ISPABUF	Audit Mode: elev

Problem:

The integrated services port administration (ISPA) software detected a linkage error with an RLISPABUF tuple.

252. TMISPATPC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem occurred in the integrated service port administration (ISPA) processes. The two key ISPA control structures are dumped. The first dump is the ISPABUF structure which contains the control information for the entire ISPA job. The second dump is the TPCBUF structure which contains control information for a particular ISPA terminal process.

253. TMISSPP (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

The integrated services port administration (ISPA) system process detected a time out of an ISPA terminal process, and requested that the terminal process be purged.

254. TMIST_TRUNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process encountered a database (DB) primitive error while trying to access the RLPSTRUNKS relation.

255. TMITAC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received when trying to add a condition to the port status for integrated services digital network (ISDN) trunks.

256. TMITDC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return code was received when trying to delete a condition from the port status for integrated services digital network (ISDN) trunks.

257. TMITIS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error in the packet services subsystem (PS) code indicates that an integrated services digital network (ISDN) trunk is in the information transfer state; this state is not valid.

258. TMIV_REFR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid inter-SM (ISM) refresh type was encountered by the TMismrefr() function.

259. TML3PRIMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: DALB	Audit Mode: elev

Problem:

A level 3 primitive failed during a digital subscriber line (DSL) initialization.

260. TMLAB7PRT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLLAB7PRT resulted in a database read failure. No CCS call processing or maintenance activity can occur for the port until the missing tuple is inserted.

Data Structures:

RLLAB7PRT. Key fields: cic (Circuit Identifier Code) opc (originating point code) dpc (destination point code).

Action:

There must be a corresponding RLLAB7PRT tuple for every RLPRT7LAB tuple. The keys for the RLPRT7LAB relation are cic, opc and dpc.

Contact the office data administration (ODA) organization.

261. TMLA_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A relation full error was encountered when trying to insert a tuple in the SM dynamic relation RLPORTLA. This indicates that too little space was allocated for the RLPORTLA relation. The access dictionary in the office dependent data (ODD) defines how much space the relation is allocated. The first data dump contains the rIORTLA tuple that was being inserted when the assert fired. The second data dump contains the SM ODD rIFC_PORTTYP tuple that indicated that an rIORTLA tuple needed to be added for the port. The entire first two bytes of each dump contains the local port name. The entire fourth byte of the second dump contains the SM number.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPORTLA relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

Other likely candidates for the error are the head page size field (rel_hsze), data page size field (rel_dsze), tuple per page field (acc_tpag), and the number of data pages field (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for the SM.

262. TMLA_KEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid key was encountered when trying to insert a tuple in the SM dynamic relation RLPORTLA. This most likely indicates an error in the RLPORTLA entry in the access dictionary which is maintained in the SM's office dependent data (ODD).

The first data dump contains the rIORTLA tuple that was being inserted when the assert fired. The second data dump contains the SM ODD rIFC_PORTTYP tuple that indicated that an rIORTLA tuple needed to be added for the port. The entire first two bytes of each dump contains the local port name. The entire fourth byte of the second dump contains the SM number.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPORTLA relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

Other likely candidates for the error are the head page size field (rel_hsze), data page size field (rel_dsze), tuple per page field (acc_tpag), and the number of data pages field (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for the SM.

263. TMLGRPMEM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either failed to read or bad data found in static relation RLLGRPMEM.

Data Structures:

RLLGRPMEM.

Action:

No action.

264. TMLITDUR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic line insulation test's (ALIT) duration timer could not be set.

265. TMLITINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The line insulation test system process was unable to initialize the timer for the next audit session.

266. TMLITOVFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic line insulation test (ALIT) internal table, TMLit_tc[], encountered overflow; that is, more ALIT circuits were equipped in the office than there was room for in the ALIT table. The ALIT program can continue to function normally, testing lines with slightly less than the total number of equipped ALIT circuits in use simultaneously.

267. TMLKTSTTBL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failure to read, insert, or delete a tuple from RLlktsttbl[].

268. TMLLM_IDCU (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive returned a failure code when attempting to access the RLLLM_IDCU relation.

269. TMLNKBPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHISTORY	Audit Mode: elev

Problem:

Failed to link an rPHISTORY tuple to a busy head cell; therefore, a port's status change was not complete.

270. TMLNKGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Either an error occurred in a fast read of a tuple from relation RLLNKGRP or RLLNKGRP contains bad data.

271. TMLNKIPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHISTORY	Audit Mode: elev

Problem:

Failed to link an rIPHISTORY tuple to an idle head cell; therefore, a port's status change was not complete.

272. TMLNKP_LS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read RLLNKP_LS static relation.

Data Structures:

RLLNKP_LS.

Action:

No action.

273. TMLNKPOPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to link an rIPORTLA tuple to an rIPHISTORY tuple. A port no longer has a record of any pending out-of-service status.

274. TMLNKPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to link a port to its system list. The port's linkage may now be broken.

275. TMLNKTMER (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: GPFTIMER	Audit Mode: elev

Problem:

Failed to link general purpose timer rGPFTIMER to its headcell.

Probable Cause:

Broken linkage at rOHTIMER headcell.

Action:

GPFTIMER audit will recover the timer to a valid list.

276. TMLNOFCPTUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The given port had a corresponding rLAPBSUB tuple, but did not have an rRFC_PORTTYP tuple. The port is probably an integrated services digital network (ISDN) port. Each port with an rLAPBSUB tuple [e.g., digital subscriber line (DSL) B-channels with packet switching and packet switched trunks] should have an rRFC_PORTTYP tuple.

Data Structures:

RLLAPBSUB. Key field: bport.

RLFC_PORTTYP. Key fields: member, module.

Action:

For the given port, use RC/V to verify the corresponding rLAPBSUB and rRFC_PORTTYP tuples and correct any inconsistencies. The RC/V views that display data for ports known to have tuples in the RLLAPBSUB relation are View 23.1 (ISDN INDIVIDUAL DSL - LCEN) and View 5.5 (TRUNK MEMBER).

277. TMLOAD_IST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The Tmload_ist() function found that no data was collected during data gathering by message delivery primitives.

278. TMLOOPDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: LOOPDB	Audit Mode: elev

Problem:

Could not link an rLOOPDB tuple during initialization of an operator services position system (OSPS) position digital subscriber line (DSL).

279. TMLS_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read RLLS_GRP static relation.

Data Structures:

RLLS_GRP.

Action:

No action.

280. TMLS_LNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to read RLLS_LNK static relation.

Data Structures:

RLLS_LNK.

Action:

No action.

281. TMMC7IFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unrecoverable failure was encountered while trying to initialize the dynamic data used to process CCS7 trunk maintenance actions. The dynamic relations which make up the CCS7 trunk maintenance data are RLPCILST7, RLCINDX7, RLENTY7, and RLTIMER7. The number of tuples required for the RLCINDX7 relation is indicated by the global parameter Glcindx7; the number of tuples required for the RLENTY7 relation is indicated by the global parameter Glentry7. The values of Glcindx7 and Glentry7 are identified in the assert output.

Data Structures:

The value of the global office parameters Glcindx7 and Glentry7 (which indicate the number of tuples of the RLCINDX7 and RLENTY7 relations to create, respectively) are included in the output printed by this craft assert.

Action:

The impact of this failure to the office depends in part on the location of the failure. When this failure occurs in a switching module (SM), it is possible that no CCS7 trunks can be used to complete calls until the cause of the failure is identified and corrected. Failures occurring in OKP will seriously degrade the CCS7 trunk maintenance functionality, but will not prevent trunks from being used to complete calls.

Follow these steps when an initialization failure occurs:

- 1) Identify the cause of the initialization failure and correct. Initialization failures may occur because of relation access problems, or because the number of tuples specified by the system resource engineering (SRE) sizing algorithms (fewer RLCINDX7 tuples than RLPCILST7 tuples will cause a failure, too many RLCINDX7 and/or RLENTY7 tuples may cause the available unprotected ODD capacity to be exhausted). Contact the office data administration (ODA) organization. If unable to identify the cause of the problem or the initialization failures continue to re-occur, report this problem to the product engineering control center (PECC) for analysis. Please include all data associated with this assert along with any data collected during the investigation of this problem when reporting this to PECC. In particular, output from all asserts that occurred at the same time in the same processor as the initialization failure would be most useful.
- 2) Once the initialization of the data completes successfully, it is recommended (to reduce possible further negative effects from this occurrence), that the steps which follow also be taken. (OKP NOTE: Since call attempts over the trunks will correct any inconsistencies over time, enabling the trunk status query feature for OKP failures would be beneficial, but is not considered essential.)
 - a) Verify that the CCS trunk status query feature is enabled. If it is inhibited, enable it for a period of time to allow any inter-switch CCS status inconsistencies to be resolved. If conditions exist that prevent enabling the feature, proceed on to step 2b below.
 - b) Without the trunk status query feature enabled, CCS7 state inconsistencies will correct over time as calls over the trunks are attempted. The exception is that some inconsistencies for one-way incoming CCS7 trunks will not correct, since no call attempts will be made to the trunks. To correct this problem, conditionally remove from service (using the RMV:TRK command) and then restore to service (using the RST:TRK command), all CCS7 one-way incoming trunks in the SM.

282. TMMC7TFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic data (the RLENTY7 relation) used to process CCS7 trunk maintenance actions has reached its capacity limits one or more times in the most recent interval checked. The number of times the limit was reached is identified, along with other data which is useful when analyzing the cause of the condition.

Data Structures:

All data displayed in the output (except for the limit reached count) was collected at the time the RLENTY7 tuple shortage was detected. If multiple shortages were detected, the worst case data is displayed. The following data is provided in the output of this assert:

- the number of times the limit was reached in the last interval.
- the value of the Glentry7 office parameter (which is the number of RLENTY7 tuples that exist under normal conditions).
- the threshold value of the number of idle-list RLENTY7 tuples that are maintained for internal use. A table full condition is when the idle list count drops below this value for a new request.
- the worst case value for the number of remaining idle RLENTY7 tuples. This value would be zero if all RLENTY7 tuples were in use. Since some RLENTY7 tuples are reserved for internal use, the number of remaining idle RLENTY7 tuples will indicate the fewest number of idle tuples that existed at a time that a CCS7 maintenance request was denied due to a shortage of idle RLENTY7 tuples.
- the value of the TMmc7pcnt global data, which indicates the number of RLENTY7 tuples linked to RLCINDX7 tuples. This is basically the number of RLENTY7 tuples in use (except for those in a transient state).
- the value of the TMmc7tcnt global data, which indicates the number of RLENTY7 tuples linked to a RLTIMER7 tuple and being timed to be sent/re-sent.
- the value of the TMmc7acnt global data, which indicates in an SM the number of RLENTY7 tuples awaiting processing after reception of an acknowledgment to a CCS7 RESET message. In the AM this count should always be zero.

Action:

CCS7 trunk circuit identification codes (CICs) should be engineered sequentially within an SM. When the engineering guidelines are not followed closely, it is possible that RLENTY7 tuples will be used inefficiently, which could result in the RLENTY7 capacity limit reached condition occurring. Verify that the engineering guidelines for CIC assignment have been followed. If not, it is recommended that the CIC assignment be re-engineered to follow the guidelines.

If the CICs are engineered properly and a capacity limit reached condition occurs infrequently, then further action is not necessary. The system was designed to work with such occasional shortages, and performance should not be seriously degraded by infrequent occurrences. The most demand for RLENTY7 tuples results from processor isolation and initialization events, which are very rare. Increasing the number of RLENTY7 tuples to never reach capacity limits for these times may not be the best use of the processor's available memory.

If the CICs are engineered properly and a capacity limit reached condition is still occurring regularly, it is suggested to increase the number of RLENTY7 tuples allocated. This should be done using RC/V to increase the Software Resource Engineering (SRE) incremental for ENTRY7 in the appropriate processor. Consider the fact that once increased, the memory allocated in this manner can not be easily reclaimed, so increase relation allocations gradually until the problem appears to be corrected. For this reason, increase the number of tuples only on those processors experiencing the shortage.

Continue to monitor for future occurrences of this condition. If proper engineering of CIC assignment and reasonable increases to the number RLENTY7 tuples does not prevent this condition from occurring, report this problem to the product engineering control center (PECC) for analysis. Please include all data associated with this assert along with any data collected during the investigation of this problem when reporting this to PECC.

283. TMMC7TZAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic data associated with CCS7 maintenance message processing has been initialized in the specified processor. This may result in inconsistent CCS7 state information between this switch and any switch that terminates CCS7 trunks from this switch.

The dynamic relations initialized by this action are RLCINDX7, RLENTY7, RLPCILST7, and RLTIMER7.

The initialization may be due to excessive audit errors detected in the above relations or excessive purges of processes using the data. In addition, when using RC/V to insert the first CCS7 trunk into an SM the data will be initialized (to insert the data), as well as when the last CCS7 trunk in an SM is deleted (to remove the data).

Data Structures:

None.

Action:

If the specified processor was a switching module (SM), it is recommended (to reduce possible negative effects from this occurrence), that the following actions be taken:

1) Verify that the CCS trunk status query feature is enabled. If it is inhibited, enable it for a period of time to allow any inter-switch CCS status inconsistencies to be resolved. If conditions exist that prevent enabling the feature, proceed on to step 2 below.

2) Without the trunk status query feature enabled, CCS7 state inconsistencies will correct over time as calls over the trunks are attempted. The exception is that some inconsistencies for one-way incoming CCS7 trunks will not correct, since no call attempts will be made to the trunks. To correct this problem, conditionally remove from service (using the RMV:TRK command) and then restore to service (using the RST:TRK command), all CCS7 one-way incoming trunks in the SM.

If the specified processor was OKP, no additional recovery actions are needed, since call attempts over the trunks will correct all inconsistencies (enabling the trunk status query feature might be beneficial, but its use is not essential).

If the cause of the problem is not identifiable or the initializations continue to re-occur unexpectedly, report this problem to the product engineering control center (PECC) for analysis. Please include all data associated with this assert along with any data collected during the investigation of this problem when reporting this to PECC.

284. TMMCAHPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An inconsistency has been found in the RLPORTLA fields: reset_inprog and list, and the MCAH data community population of a CCS7 trunk.

The CCS7 trunk was probably recently involved in sending reset to the far-end office.

Probable Cause:

Incorrect field setting due to unforeseen scenario.

Action:

Report occurrence to the product engineering control center (PECC) along with all possible supporting data.

285. TMMISPCI7LAB (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLPCI7_LAB relation.

Data Structures:

RLPCI7_LAB. Key Field: pci (point code index).

Action:

Contact Lucent PECC with associated data for support.

286. TMMODATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) inconsistency exists between the AM ODD relation RLMODATT and the AM ODD relation RLRC_EQLOC. An rIRC_EQLOC tuple for a metallic service unit (MSU) has a value for the sm attribute that cannot be matched in the RLMODATT relation.

Data Structures:

RLMODATT, RLRC_EQLOC.

The first field dumped is the sm value in question. The second field is the unit type (from DMunittype.h) of the unit being tested (e.g., SMLU, SMC1LU, or SMDCLU). The third field is the unit number, and the fourth field is the service group.

Action:

Determine where the inconsistency exists, then use RC/V (or ODBE, if necessary) to correct the problem. If the office has an SM of the number in the first field, insert an rIMODATT tuple for that SM.

If the office does not have an SM for the number in the first field, update the sm attribute in the rIRC_EQLOC tuple to a valid SM number for the office.

287. TM_MODATT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not access the RLMODATT relation using the database (DB) primitives.

288. TMMSGENAB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to enable message reception with a DMERT primitive call to MSGCNAB.

289. TMMSGLOSS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This assert occurs for export CCITT7 signaling links when a "deloaded" message (indicates that there is no traffic on the link and no messages are buffered for this link) was expected, but not received; as a result, signaling information may be lost due to the fact that the protocol handler associated with this link is being powered off. If this assert occurs often, it may be due to a software problem (either the message is not being sent within a specified time period or else spurious messages are being interjected). In this case, CCITT7 software developers should be notified.

290. TMNOAMPCI7GR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLAMPCI7GR resulted in a database read failure.

Data Structures:

RLAMPCI7GR. Key Field: SM number

Key Field: CCS Trunk's PCI

Key Field: CCS Trunk's cic_offset

CCS Trunk's CIC.

Action:

Contact the office data administration (ODA) organization.

291. TMNO_BSERV (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A B-channel Q.931 SERVICE message was received on a National PRI which is not provisioned with B-channel availability signaling procedures feature (that is, not provisioned to accept B-channel SERVICE messages). A provisioning inconsistency exists between the 5ESS[®] PRI and the PRI at the far end equipment.

Data Structures:

RLPRISTAT: Key field: prigrp (PRI group number).

Action:

Determine if this National PRI should be provisioned for B-channel SERVICE messages. If so, use RC/V (or ODBE, if necessary) to correct the provisioning inconsistency. If not, modify the PRI provisioning at the far end equipment.

292. TMNOCCB (5E11 and later)

Recovery Action: spp	SPP: n	Audit: PCBLA	Audit Mode: elev

Problem:

Could not find a channel control block (CCB) owned by the current process after a port was activated.

293. TMNOCCODE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLNOCCODE resulted in a database read failure.

Data Structures:

RLNOCCODE. Key field: nxx (office code).

Action:

Use RC/V View 8.2 (NOC CODES) to verify or modify the data in the RLNOCCODE relation.

294. TMNOCDBCOM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Attempted to access the RLCDBCOM relation with an invalid circuit name.

295. TMNOCKTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLCKTDATA resulted in a database read failure.

Data Structures:

RLCKTDATA. Key field: name.

Action:

The RLCKTDATA relation is missing a tuple. There are corresponding tuples keyed by the same circuit name in relations RLISLULGC, RLISLU2LG, RLSMGTGDXC and other static relations. Also, the circuit name is populated in the ckname attribute in relation RLFC_PORTTYP. The relation name that is dumped is the relation whose data was used to retrieve the circuit name. Therefore, there is at least a database inconsistency between RLCKTDATA and this relation.

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistencies.

296. TMNOCKTSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in a tuple of the office dependent data (ODD) relation RLSPID. The ckt_lport attribute of the rISPID tuple is zero, but it should be non-zero.

Data Structures:

RLSPID.

The first field dumped is the digcnt key of the missing rISPID tuple, and the second field contains the USPID keys of the missing tuple. The USPID is stored and printed as right justified. If the USPID is less than 18 digits, then the most significant digits are padded with zeros.

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency. If ODBE is used to update the tuple, keep in mind that the USPID digits are stored right justified and if the USPID is less than 18 digits, the most significant digits are padded with zeros.

297. TMNODS1_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read rIDS1_PT tuple failed with a DBNO_MATCH error.

Data Structures:

RLDS1_PT. Key field: ds1name.

Action:

Insert an RLDS1_PT tuple with this ds1name key value.

298. TMNODSCNLUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple in the office dependent data (ODD) relation RLNAILUP is missing. This port was identified as a 5E-AMPS dedicated switch connection (DSC) which requires an rNAILUP tuple.

Data Structures:
RLNAILUP. Key field: port1.

Action:
Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency.

299. TMNODSLEQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
Failed to find a tuple in the SM office dependent data (ODD) relation RLDSLEQUIP that matches the given D-channel port name.

Data Structures:
RLDSLEQUIP. Key field: dsl (port name).

The first field dumped is the given D-channel port. The second field is the SM number.

Action:
Use RC/V (or ODBE, if necessary) to verify and modify (as needed) the data in the RLDSLEQUIP relation.

300. TMNOEQUIPDSL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A missing tuple in the SM office dependent data (ODD) relation RLEQUIPDSL resulted in a database read failure.

Data Structures:
RLEQUIPDSL. Key fields: dsl_group, member [protocol handler (PH) channel].

Action:
If this is a valid port, use RC/V (or ODBE, if necessary) to correct the inconsistency. The RLEQUIPDSL relation uses the same attributes as the RLDSLEQUIP relation. Therefore, the two relations must match on the key attributes (dsl_group and member) as well as the dsl (port name) attribute. Use RC/V View 23.40 (T1 PACKET SWITCHING CHANNEL ASSIGNMENT) to populate this tuple.

301. TMNOFC_LINE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
A tuple was missing from the office dependent data (ODD) relation RLFC_LINE.

Data Structures:
RLFC_LINE.

The first field dumped is the member key (port name) of the missing tuple, the second field is the module key (SM number), and the third field is the party key.

Action:
Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

302. TMNOFC_PORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the office dependent data (ODD) relation RLFC_PORTTYP.

Data Structures:

RLFC_PORTTYP.

The first field dumped is the member key (port name) of the missing tuple. The second field is the module key (SM number) of the missing tuple.

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency.

303. TMNOFC_TRUNK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLFC_TRUNK resulted in a database read failure.

Data Structures:

RLFC_TRUNK. Key fields: port.member (trunk port), port.module (SM number).

Action:

Contact the office data administration (ODA) organization.

304. TMNOGROUP_P (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple in the office dependent data (ODD) relation RLGROUP_PORT resulted in a database read failure.

Data Structures:

RLGROUP_PORT. Key fields: portgrp.grpnum (trunk group number), portgrp.grptype (TM_TRK), member (trunk group member number).

Action:

The RLGROUP_PORT relation on a given SM is populated by examining the RLPORT_GROUP relation on the same SM. For each tuple found in the RLPORT_GROUP relation, a corresponding tuple should exist in the RLGROUP_PORT relation for that SM such that:

PORT_GROUP.portgrp.grpnum = GROUP_PORT.portgrp.grpnum.

PORT_GROUP.member = GROUP_PORT.member.

Use RC/V View 5.5 (TRUNK MEMBER) (or ODBE, if necessary) to insert an rlgROUP_PORT tuple.

305. TMNOHCELL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No head cell was found for the specified key.

306. TMNOHIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to retrieve the rIPHISTORY tuple linked to an rIORTLA tuple. Either a port's status change could not complete, or the output message was incomplete.

307. TMNOISMPH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: DLTDATA	Audit Mode: elev

Problem:

An illegal value for an inter-SM nailup channel group was found in a TMdlt_data[] array element. The elevated audit scheduled should synchronize this dynamic data to static office dependent data (ODD).

If the assert appears repeatedly for the same port (the port or dlt appears as a parameter or local variable in the stack trace of the calling function), the recovery was not successful. The associated rIDSLEQUIP tuple may be missing or corrupted (use RC/V, or ODBE if necessary, to verify).

308. TMNOLOCEQ (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple in the AM office dependent data (ODD) relation RLRC_LOCEQ resulted in a database read failure.

Data Structures:

RLRC_LOCEQ. Key fields: im (SM number), picb.

Action:

Use RC/V View 18.1 (SWITCHING MODULE) to verify or modify the data in the RLRC_LOCEQ relation.

309. TMNOLPT_PT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the office dependent data (ODD) relation RLLPT_PT.

Data Structures:

RLLPT_PT.

The first field dumped is the lport key of the missing tuple. The second field is the numeric value of the lpt_type key of the missing tuple. (The enumeration string of the lpt_type key is in the global header db/DMlpt_type.h.).

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency.

310. TMNOL_SPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the office dependent data (ODD) relation RLLPT_SPID.

Data Structures:

RLLPT_SPID.

The first field dumped is the lport key of the missing tuple, and the second field is the numeric value of the lpt_type key. (The enumeration strings for the lpt_type key are in the global header db/DMlpt_type.h)

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

311. TMNOMDPATH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that RLFC_PORTTYP indicated that this port was a message delivery port, but there was no corresponding tuple in RLMDPATH.

312. TMNOMODATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLMODATT resulted in a database read failure.

Data Structures:

RLMODATT. Key field: module.

Action:

Use RC/V View 18.1 (SWITCHING MODULE) to verify or modify the data in the RLMODATT relation.

313. TMNOMSG (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A system process was restarted with the reason equal to OSMSG. When the OSWGETMSG() macro was executed to get the message, no message existed.

314. TMNOMTBS96 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the SM office dependent data (ODD) relation RLMTBS96 resulted in a database read failure.

Data Structures:

RLMTBS96. Key fields: s96cktname circuit [remote terminal (RT) name], s96cktname module (SM number serving this RT).

Action:

Use RC/V View 18.10 (REMOTE TERMINAL ASSIGNMENT) to verify or modify the data in the RLMTBS96 relation.

315. TMNONREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown or unexpected reason for starting a system or terminal process was detected by the process.

316. TMNOODPSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in a tuple of the office dependent data (ODD) relation RLSPID. The odp_lport attribute of the rISPID tuple is zero, but it should be non-zero.

Data Structures:

RLSPID.

The first field dumped is the digcnt key of the missing rISPID tuple, and the second field contains the USPID keys of the missing tuple. The USPID is stored and printed as right justified. If the USPID is less than 18 digits, then the most significant digits are padded with zeros.

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency. If ODBE is used to update the tuple, keep in mind that the USPID digits are stored right justified and if the USPID is less than 18 digits, the most significant digits are padded with zeros.

317. TMNOPCI7GR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLPCI7GR resulted in a database read failure.

Data Structures:

RLPCI7GR. Key Field: CCS Trunk's PCI

Key Field: CCS Trunk's cic_offset CCS Trunk's CIC.

Action:

Contact the office data administration (ODA) organization.

318. TMNOPICB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLPICB resulted in a database read failure.

Data Structures:

RLPICB. Key field: picb.

Action:

Use RC/V (or ODBE, if necessary) to verify or modify the data in the RLPICB relation.

319. TMNOPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A valid rIORTLA tuple could not be accessed via the DAgetptla() primitive. The elevated audit requested should reconstruct the rIORTLA tuple from static data, and schedule the appropriate recovery.

Repeated asserts associated with the same port (the portname will usually be available in the assert stack trace, either as a parameter or local variable associated with the function calling the assert) indicate that recovery was not successful. It is possible that the corresponding rIFC_PORTTYP tuple is missing or corrupt. This static data relation should be interrogated with ODBE.

320. TMNOPPDSOP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in a tuple of the office dependent data (ODD) relation RLSPID. The ppd_lport attribute of the rISPID tuple is zero, but it should be non-zero.

Data Structures:

RLSPID.

The first field dumped is the digcnt key of the missing rISPID tuple, and the second field contains the USPID keys of the missing tuple. The USPID is stored and printed as right justified. If the USPID is less than 18 digits, then the most significant digits are padded with zeros.

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency. If ODBE is used to update the tuple, keep in mind that the USPID digits are stored right justified and if the USPID is less than 18 digits, the most significant digits are padded with zeros.

321. TMNOPRT_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLPORT_GROUP resulted in a database read failure.

Data Structures:

RLPORT_GROUP. Key fields: port.member, port.module, party.

Action:

The RLPORT_GROUP relation on a given SM is populated by examining the RLRT_DNTRAN relation on the same SM. Each tuple in the RLRT_DNTRAN relation in a SM with a terminating class of RTTC_PORTGRP or RTTC_INWATS should have a corresponding rPORT_GROUP tuple for that SM. Contact the office data administration (ODA) organization.

322. TMNOPSX25LN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the office dependent data (ODD) relation RLPSX25LN.

Data Structures:

RLPSX25LN.

The first field dumped is the ph_number key of the missing tuple, the second field is the ph_cn key, and the third field is the party key.

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

323. TMNOPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

This indicates that an MGMDRTE message was received for a port which is considered invalid in RLFC_PORTTYP. This message should only be received for DLT or SDL ports. The database in both the originating and receiving SM should be checked for consistency if this error occurs.

324. TMNOQMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process expected a message in the queue; however, it could not retrieve it.

325. TMNORC_EQLOC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLRC_EQLOC resulted in a database read failure.

Data Structures:

RLRC_EQLOC. Key fields: im (SM number unittype, unit_no, service_group).

Action:

Use RC/V View 18.1 (SWITCHING MODULE) (or ODBE, if necessary) to verify or modify the data in the RLRC_EQLOC relation.

326. TMNORETRN (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

General non-returning assert.

327. TMNOROUT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the SM office dependent data (ODD) relation RLRT_ROUTING resulted in a database read failure.

Data Structures:

RLRT_ROUTING. Key field: route_x (route index).

Action:

Use RC/V View 10.2 (ROUTE INDEX) to verify or modify the data in the RLRT_ROUTING relation.

328. TMNORT_TRKG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) inconsistency exists between the AM ODD relations RLRT_TRKG and RLRT_ROUTING. An RLRT_ROUTING tuple has its grpnun attribute set to a value that cannot be matched in the RLRT_TRKG relation.

Data Structures:

RLRT_TRKG. Key field: grpnum (trunk group number).

Action:

Use RC/V View 5.1 (TRUNK GROUP) (or ODBE, if necessary) to verify or modify the data in the RLRT_TRKG relation. If this is a valid trunk, insert an rIRT_TRKG tuple.

329. TMNOSPID (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple was missing from the office dependent data (ODD) relation RLSPID.

Data Structures:

RLSPID.

The first field dumped is the digcnt key of the missing rISPID tuple, and the second field contains the USPID keys of the missing tuple. The USPID is stored and printed as right justified. If the USPID is less than 18 digits, then the most significant digits are padded with zeros.

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency. If ODBE is used to update the tuple, keep in mind that the USPID digits are stored right justified and if the USPID is less than 18 digits, the most significant digits are padded with zeros.

330. TMNOTG2SM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to find an rITG2SM tuple in the AM office dependent data (ODD) that matches the given trunk group number.

Data Structures:

RLTG2SM. Key field: tgnum (trunk group number).

Action:

Use RC/V (or ODBE, if necessary) to verify and modify (as needed) the data in the RLTG2SM relation.

331. TMNOTIMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The automatic line insulation test's (ALIT) start or duration timer was not set.

332. TMNOTPHPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The database does not correctly define this port as an integrated services digital network (ISDN) port. ISDN ports terminate at a protocol handler (PH).

Data Structures:

RLDSLEQUIP. Key field: dsl.

RLFC_PORTTYP. Key fields: member, module.

Action:

Verify that the dserv [digital subscriber line (DSL) D-channel service] attribute in the RLDSLEQUIP relation and the lp_type (logical port type) attribute in the RLFC_PORTTYP relation define a valid ISDN port. If a valid ISDN port is not defined, use RC/V to correct the problem.

The RC/V views that display data for ISDN ports are View 23.1 (ISDN INDIVIDUAL DSL - LCEN), View 22.13 (INTER SM NAIL UP), and View 5.5 (TRUNK MEMBER).

333. TMNOTRAN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Global port has no group, member, or directory number/len translation.

334. TMNOTRKG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A trunk group had no rIRT_TRKG tuple.

335. TMNXTPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The integrated services port administrator (ISPA) found more ports than are valid for the SMPSCOPE value associated with this job.

336. TMODPLPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in tuples of the office dependent data (ODD) relations RLSPID and RLLPT_SPID. The lport key of the rLPT_SPID tuple does not match the odp_lport attribute of the rLSPID tuple.

Data Structures:

RLSPID, RLLPT_SPID.

The first field dumped is the digcnt key of the missing rLSPID tuple, and the second field contains the USPIDs of the missing tuple. The USPIDs are stored and printed as right justified. If the USPIDs are less than 18 digits, then the most significant digits are padded with zeros.

The third field is the lport key of the rLPT_SPID tuple. The fourth field is the numeric value of the lpt_type key of the rLPT_SPID tuple. (The enumeration strings for the lpt_type key are in the global header db/DMlpt_type.h.)

Action:

Use RC/V (or ODBE, if necessary) to fix the ODD inconsistency. If ODBE is used to update the tuple, keep in mind that the USPIDs are stored right justified and if the USPIDs are less than 18 digits, the most significant digits are padded with zeros.

337. TMOEINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists between the AM office dependent data (ODD) relation RLRC_OEINFO and the SM ODD relation RLFC_PORTTYP. A line was found that had an rIRC_PORTTYP tuple, but did not have a corresponding rIRC_OEINFO tuple.

Data Structures:

RLRC_OEINFO, RLFC_PORTTYP.

The first field dumped is the port name of the line. The second field is the SM which contains the rIRC_PORTTYP tuple in question.

Action:

Determine if this line actually exists, then use RC/V (or ODBE, if necessary) to correct the inconsistency. If this is a valid line, insert an rIRC_OEINFO tuple for the line.

If this is not a valid line, determine if the hardware that the line terminates on [that is, the grids for lines on a line unit 1 (LU1) or LU2, etc.] is equipped. If the hardware is not equipped, delete the rIRC_PORTTYP tuple for the line.

If the hardware is equipped, change the servclass field in the rIRC_PORTTYP tuple to RC_PORTUNA for lines on an integrated services line unit (ISLU) or remote ISLU (RISLU), or RC_UNASSIGN for all other cases.

338. TMOFFPAR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failed attempt has been made by a common channel signaling (CCS) signal link management (SLM) function to read the static OFF_PAR relation. This is an office dependent data (ODD) inconsistency since there must always be a tuple with a key of 0 in this relation on a CCS global switching module (GSM).

Data Structures:

Data 1: The relation identifier.

Data 2: The GSM number.

Action:

If the SM number that the assert has occurred on is a CCS GSM for the office, then tuple 0 of the OFF_PAR relation should be inserted. If the assert has occurred on an SM that is not a CCS GSM for the office, the Glnat17sm, Glint17sm, or Glglobalsm global parameters could be corrupted on that SM. Otherwise an internal software problem may exist within CCS SLM functionality.

339. TMOHMERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to send a message to the craft via the HMprint() function failed.

340. TMOOSTMR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A timer for an out-of-service (OOS) list that is printed periodically cannot be set.

341. TMOPBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected operational test request return was encountered.

342. TMOPDBPARM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) inconsistency exists between the RLOPEXTDB relation and the RLOPDBPARM relation. For every database type found in the RLOPEXTDB relation, an rLOPDBPARM tuple must exist.

In this case, a database type was found in the RLOPEXTDB relation that was not found in the RLOPDBPARM relation. Either the db_type is incorrect in the RLOPEXTDB relation in the reported SM, or the rLOPDBPARM tuple is missing on the SM reported for that relation.

Data Structures:

RLOPEXTDB. Key fields: db_num (database number). ofc_num (operator service center number) serv_tm (serving team number).

RLOPDBPARM. Key field: db_type (database type).

Action:

The keys to the rLOPEXTDB tuple are printed in the message. Using these keys, access the rLOPEXTDB tuple to determine the database type. Use ODBE with processor option ALL to get the tuple from every SM. Do the same for the RLOPDBPARM relation, using the proper value for db_type for a key. Analyze this data along with any available office records to correct the discrepancy.

343. TMOPNTRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal maintenance (TM) function failed to open a database transaction on a relation.

344. TMOSARGUMENT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A process was created with an invalid entry function argument.

345. TMOSCREATE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to create a terminal process. The OSCREATE() macro returned an unexpected return value. The stimulus message will be dumped.

346. TMOSFAP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSfap() function call returned failure.

347. TMOSLTIME (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSGETLTIME() macro returned a time with out-of-range hours and minutes.

348. TMOSREASON (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown reason for creation was received from the operating system (OS).

349. TMOSRESTART (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSRESTART() macro failed.

350. TMOSTIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSTIMER() macro returned an error code.

351. TMOSTMR (5E12 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Operating system for distributed switching (OSDS) timedout GTMR cyclical timer

Probable Cause:

Incorrect timer handling

Action:

Contact Lucent PECC with associated data for support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

352. TMOUTCINDX7 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The dynamic data (the RLCINDX7 relation) used to process CCS7 trunk maintenance actions has reached its limit and exhausted all idle RLCINDX7 tuples one or more times in the most recent interval checked. The number of times the limit was reached is identified, along with other data which is useful when analyzing the cause of the condition.

Data Structures:

All data displayed in the output (except for the limit reached count) was collected at the time the RLCINDX7 tuple shortage was detected. If multiple shortages were detected, the data for the last occurrence is reported.

The following data is provided in the output of this assert:

- the number of times the limit was reached in the last interval.

- the value of the Glcindx7 office parameter, which is the number of RLCINDX7 tuples that exist under normal conditions.
- the value of the Glentry7 office parameter, which is the number of RLENTY7 tuples that exist under normal conditions and is related to the number of RLCINDX7 tuples which are needed.
- the value of the Glpci7lab office parameter, which is the number of RLCINDX7 tuples that are initially linked to RLPCILST7 tuples when the data structures are initialized. Additional RLCINDX7 tuples are linked to specific RLPCILST7 tuples as needed to handle the CCS7 maintenance activity for that RLPCILST7.
- the values of the TMmc7pcnt global value, which indicates how many RLENTY7 tuples are linked to all RLCINDX7 tuples.

Action:

CCS7 trunk circuit identification codes (CICs) should be engineered sequentially within an SM. When the engineering guidelines are not followed closely, it is possible that RLCINDX7 tuples will be used inefficiently, which could result in the RLCINDX7 capacity limit reached condition occurring. Verify that the engineering guidelines for CIC assignment have been followed. If not, it is recommended that the CIC assignment be re-engineered to follow the guidelines.

If the CICs are engineered properly and a capacity limit reached condition still occurs, it is suggested to increase the number of RLCINDX7 tuples allocated. This should be done using RC/V to increase the Software Resource Engineering (SRE) incremental for CINDX7 in the appropriate processor. Consider the fact that once increased, the memory allocated in this manner can not be easily reclaimed, so increase relation allocations gradually until the problem appears to be corrected. For this reason, increase the number of tuples only on those processors experiencing the shortage.

Continue to monitor for future occurrences of this condition, and if reasonable increases to the number RLCINDX7 tuples does not prevent this condition from occurring, report this problem to the Product Engineering Control Center (PECC) for analysis. Please include all data associated with this assert along with any data collected during the investigation of this problem when reporting this to PECC.

353. TMP7ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PCILST7	Audit Mode: elev

Problem:

Trouble has been detected with the data used to send common channel signaling system 7 (CCS7) blocking, unblocking and reset messages. Temporary inter-office trunk status conflicts are possible. These inconsistencies should self-correct over time as incoming and outgoing CCS7 calls occur on those trunks with inconsistent data. The CCS7 trunk status query feature can also be used to correct such inconsistencies, but it will run only if the status query feature is enabled.

Action:

The data problem detected was associated with the RLPCILST7 relation. This assert will schedule the AUPCILST7 audit to verify the data in the RLPCILST7 relation tuples and recover any bad data found. The RLPCILST7 relation is closely inter-related with three other dynamic relations (RLCINDX7, RLENTY7, and RLTIMER7). Problems detected by the AUPCILST7 audit may cause one or more of the audits for these related relations to run also.

If this assert continues to occur after the audit runs to completion, send the information from the assert output to the product engineering control center (PECC) for analysis. Up to three additional data blocks may also be included in the assert output to assist PECC in the isolation/resolution of the problem. Please include all data output as part of the assert when reporting the occurrence of this assert to PECC.

354. TMPCLL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: GSDB	Audit Mode: null

Problem:

Peripheral control (PC) could not read a port's last look because of database errors in the RLFC_PORTTYP relation or the group summary data block.

355. TMPCLL (5E11 to 5E12)

Recovery Action: -rpi	SPP: n	Audit: GSDB	Audit Mode: elev

Problem:

Peripheral control (PC) could not read a port's last look because of database errors in the RLFC_PORTTYP relation or the group summary data block.

356. TMPC_MSUSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLPC_MSUSG resulted in a database read failure.

Data Structures:

RLPC_MSUSG. Key field: msusg [master scanner unit (MSU) service group number].

Action:

Use RC/V View 19.7 (METALLIC SERVICE UNIT) (or ODBE, if necessary) to verify or modify the data in the RLPC_MSUSG relation.

357. TMPCTFERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The per-call test failure (PCTF) value passed to the Tmpctf() or Tmpctf1() functions was not a recognized value. The value is not defined in the domain (DMPCTF), or it was not added to the type check that is performed when a PCTF is reported.

358. TMPGGINFO (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLRT_TRKG resulted in a database read failure.

Data Structures:

RLRT_TRKG: Key Field: grpnum (group number).

Action:

There must be a corresponding RLRT_TRKG tuple for every RLPORT_GROUP tuple. The key for the RLRT_TRKG relation is grpnum. Contact the office data administration (ODA) organization to correct the problem.

359. TMPHIST_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A relation full error was encountered when the dynamic relation RLPHISTORY was initialized during an SM initialization. This indicates an error in the RLPHISTORY entry in the access dictionary which is stored in this SM's office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPHISTORY relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

The data dump should be examined to verify that the rel_tmax value is the problem. The entire first two bytes of the dump contain the key being used to insert a tuple. Subtract 1 from this key value to determine the number of tuples that were successfully inserted. If this number is equal to rel_tmax, then rel_tmax was set too low and should be increased.

Otherwise, the error is in one of the other fields of the RLPHISTORY entry in the access dictionary; such as, the head page size (rel_hsze), data page size (rel_dsze), tuples per page (acc_tpag), or the number of data pages (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for this SM.

360. TMPH_KEY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid key error was encountered when the dynamic relation RLPHISTORY was initialized during an SM initialization. This indicates an error in the RLPHISTORY entry in the access dictionary which is stored in this SM's office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPHISTORY relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

The data dump should be examined to verify that the rel_tmax value is the problem. The entire first two bytes of the dump contain the key that was used to insert a tuple. If this key is equal to or greater than the value of rel_tmax, then rel_tmax was set too low and should be increased.

Otherwise, the error is in one of the other fields of the RLPHISTORY entry in the access dictionary; such as, the head page size (rel_hsze), data page size (rel_dsze), tuples per page (acc_tpag), or the number of data pages (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for this SM.

361. TMPHRTCONG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the database relation RLPHRTCONG failed, this relation holds the congestion thresholds and the transmission rate of message signal units (MSUs) by a SDL. The relation is keyed by port name, ie for every active SDL in an office there must be an entry in this relation. If not then the CCITT7 link state control (LSC) power on message can not be sent, therefore an SDL cannot be active.

Data Structures:

rIPHRTCONG.

Action:

This assert will be generated when a read of RLPHRTCONG failed as no tuple could be found using the given key. It indicates that a CCITT7 signaling link may not have been correctly assigned, or the RLPHRTCONG relation may have become corrupted.

SOLUTION:

There are three methods by which this error can be fixed:

- (1) Using ODBE, insert a tuple in RLPHRTCONG, the key used should be the value of the dsl attribute of the rIDSLEQUIP tuple associated with the SDL for which the read of RLPHRTCONG failed. The key to the rIDSLEQUIP tuple is dsl, for PHs this takes values of 0xA2yyy. A2 is a fixed constant in hex, yyy is the PH port ID which is the st_dlt attribute of the RLLS_LNK relation. This relation is keyed by link set and member numbers of the CCITT7 link using that ST-PH.
- (2) Using RC/V access the signaling link and member view (in insert mode) assign a CCITT7 link to the ST-PH which does not have a tuple in RLPHRTCONG. The congestion thresholds and transmission rate are required, so RC/V will ensure that a tuple in RLPHRTCONG is inserted.
- (3) Initialize the SM database on which the SDL being put into service is located, from disk.

NOTE: Use method 1 when a CCITT7 signaling link have been correctly defined but RLPHRTCONG became corrupted. Method 2 should be used to set up a link to use an ST-PH. Re-initializing the SM database (method 3) should be a last resort.

362. TMPMDSLGRP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive returned a failure code when attempting to access the RLPMDSLGRP relation.

363. TMPMFACGRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access or update an rIPMFACGRP tuple for a digital signal level 1 (DS1) facility.

364. TMPMFACINT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The system could not initialize the performance measure for a given facility.

Data Structures:

RLCKTDATA.

The first field dumped is the name attribute from the rLCKTDATA tuple, this is the circuit name of the facility in question.

Action:

Determine the external facility name for the facility identified in the RLCKTDATA relation. Then run INIT:FAC or INIT:REG for the given facility, if it is supported.

365. TMPMTHRESH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database (DB) primitive returned a failure code when attempting to access the RLPMTHRESH relation.

366. TMPMTHUD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) inconsistency exists from the RLPCKTGRP relation and/or RLPCKT relation to the RLPMTRESH relation. When pmgrp from RLPCKTGRP and/or RLPCKT was used as a key to the RLPMTRESH relation, no RLPMTRESH tuple was found.

Data Structures:

RLPCKTGRP, RLPCKT, RLPMTRESH.

The port name (in hex), performance monitoring (PM) group number (in decimal), and SM identifier (in decimal) are dumped.

Action:

If pmgrp is a valid PM group for the office, insert an RLPMTRESH tuple for the pmgrp. If pmgrp is not a valid PM group, then change references to this PM group in the RLPCKTGRP and/or RLPCKT relations to a valid PM group in the RLPMTRESH relation.

367. TMPMUNIT2RDT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during a database (DB) read of the RLUNIT2RDT relation.

Probable Cause:

A tuple is missing from the RLUNIT2RDT relation or the DB can not access the tuple.

Action:

Report occurrence along with all possible supporting data.

368. TMPMUXPMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A protocol monitoring process received an unexpected or invalid operating system for distributed switching (OSDS) message. The invalid message and the protocol monitoring job table will be dumped.

369. TMPOFC_PINC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A data inconsistency was encountered between the RLPORTLA relation and the RLFC_PORTTYP relation.

370. TMPOPHINC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHISTORY	Audit Mode: elev

Problem:

A data inconsistency was encountered between the RLPORTLA relation and the RLPHISTORY relation.

371. TMPORTBUSY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a recent change transaction, a terminal maintenance trigger found a port busy. The transaction cannot be committed until the port is idle.

Action:

Wait until the port is idle, then re-execute the recent change transaction. Or, manually remove the port from service, then re-execute the recent change transaction.

372. TIMPORTCOND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

TMrdptcond() failed to read the appropriate data from the TMportcond[] table. Problem may have been caused by passing TMrdptcond() an improper port status list.

373. TIMPORTIS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The recent change transaction was blocked because the port was in service.

Action:

Manually remove the port from service; e.g., via the rmv:line or rmv:trk master control center (MCC) commands.

374. TIMPORTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to link a port to a system list.

375. TIMPORTLA_DATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Inconsistent data was found associated with a PORTLA tuple.

Probable Cause:

The data was initialized incorrectly by the application or was corrupted.

Action:

Look at the data dumped by the assert and the audit in the receive-only printer (ROP) output to determine the cause of this error.

376. TMPOSDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: POSDB	Audit Mode: elev

Problem:

Could not link a position data block (POSDB) during initialization of an operator services position system (OSPS) position digital subscriber line (DSL).

377. TMPOSNUM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function parameter range check on a test position number failed.

378. TMPOSSDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static data for an operator services position system (OSPS) position was inconsistent. There must be an rLPRT_POS tuple for each OSPS position, the key is the local port number. Also, there must be an rIPOS_LPRT tuple for each position, the key to this relation is the position number. The position number and the local port number must be consistent between the two relations.

Data Structures:

RLLPRT_POS, RLPOS_LPRT.

Action:

Use RC/V (or ODBE, if necessary) to add or correct the rLPRT_POS or rIPOS_LPRT tuples.

379. TMPOSTPERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static data in the database for an operator services position system (OSPS) position was found to be inconsistent. There must be an rLPRT_POS tuple for each OSPS position, the key is the local port number (lport). Also, there must be an rIPOS_LPRT tuple for each position, the key to this relation is the position number (posnum).

Data Structures:

RLLPRT_POS. Key field: lport.

RLPOS_LPRT. Key field: posnum.

Action:

The RLLPRT_POS relation is used for local port to position mapping. The RLPOS_LPRT relation is used for position number to local port mapping. The position number and the local port number must be the same in the corresponding tuples. Also, the value for the position type (pos_typ) attribute in the rLPRT_POS and rIPOS_LPRT tuples must be the same for an OSPS position. If the position is for a directory assistance operator at a basic service terminal (BST), the value of the position type must be OA_BST in both tuples. If the position is for a toll and assistance operator at a video display terminal (VDT), the value of the position type must be OA_VDT in both tuples.

Use RC/V View 21.32 (OSPS POSITION TO PORT MAPPING) to verify, insert, or correct the rLPRT_POS and/or rIPOS_LPRT tuples.

380. TMPPDLPORT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists in tuples of the office dependent data (ODD) relations RLSPID and RLLPT_SPID. The lport key of the rLPRT_SPID tuple does not match the ppdlport attribute of the rSPID tuple.

Data Structures:

RLSPID, RLLPT_SPID.

The first field dumped is the digcnt key of the missing rISPID tuple, and the second field contains the USPID keys of the missing tuple. The USPID is stored and printed as right justified. If the USPID is less than 18 digits, then the most significant digits are padded with zeros.

The third field is the lport key of the rILPT_SPID tuple. The fourth field is the numeric value of the lpt_type key of the rILPT_SPID tuple. (The enumeration strings for the lpt_type key are in the global header db/DMLpt_type.h.)

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency. If ODBE is used to update the tuple, keep in mind that the USPID digits are stored right justified and if the USPID is less than 18 digits, the most significant digits are padded with zeros.

381. TMPRIDST_ERR (5E14 and later)

Recovery Action: rpi	SPP: n	Audit: SM	Audit Mode: elev

Problem:

Unable to retrieve a PRIDSTAT dynamic data tuple.

Probable Cause:

The PRIDSTAT tuple is missing or data is corrupted.

Action:

The PRI_SM audit will be scheduled to insert the PRIDSTAT tuple if it should exist or fix the corrupted data.

382. TMPRI_FACS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLPRIFACS tuple failed.

Data Structures:

RLPRIFACS.

The first field dumped is the primary rate interface (PRI) group number (prigrp) of the missing tuple, the second field is the interface ID (interf_id).

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

383. TMPRI_GRP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple is missing from the office dependent data (ODD) relation RLPRIGRP.

Data Structures:

RLPRIGRP.

The prigrp field is the member key of the missing tuple.

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

384. TMPRIINVD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

An invalid D-channel port status was found on a primary rate interface (PRI), or an invalid combination of D-channel port statuses was found on a PRI with D-channel backup.

Probable Cause:

A process may have been purged such that the D-channel or D-channels were left in an invalid state.

Action:

Look at the data in the relations dumped in the audit associated with the PRI implicated by this assert, and the ROP output prior to the assert to determine the scenario that could have been associated with this error.

385. TMPRISTAT_DATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: PRISTAT	Audit Mode: elev

Problem:

Inconsistent data was found associated with a PRISTAT tuple.

Probable Cause:

The data was initialized incorrectly by the application or was corrupted.

Action:

Look at the data dumped by the assert and the audit in the receive-only printer (ROP) output to determine the cause of this error.

386. TMPRIST_ERR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: PRIGRP	Audit Mode: elev

Problem:

Unable to retrieve a PRISTAT dynamic data tuple.

Probable Cause:

The PRISTAT tuple is missing or data is corrupted.

Action:

The PRIGRP audit will be scheduled to insert the PRISTAT tuple if it should exist.

387. TMPRISTINV (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: DPB	Audit Mode: elev

Problem:

An error was found when retrieving the PRISTAT tuple using data from the DPB tuple.

Probable Cause:

The data in the DPB tuple was not initialized correctly or was corrupted.

Action:

An audit of the DPB dynamic relation will be scheduled to check for corrupted data.

388. TMPRISTINV (5E11 only)

Recovery Action: rpi	SPP: n	Audit: PRIGRP	Audit Mode: elev

Problem:

An error was found in the dynamic data relation RLPRISTAT.

Probable Cause:

The RLPRISTAT relation was not up to date.

Action:

An audit of the RLPRIGRP relation will be scheduled to populate the dynamic data.

389. TMPROVERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was reported during TR303 remote terminal (RT) provisioning which may indicate a software fault.

390. TMPROVUERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected error was returned during an attempt to provision a TR303 remote terminal (RT).

391. TMPRT6LAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLPRT6LAB resulted in a database read failure.

A common channel signaling (CCS) trunk has the in_sigtyp and/or out_sigtyp attribute of its rIFC_TRUNK tuple set to DBCCIS6, but there is no corresponding rLPRT6LAB tuple. No CCS call processing or maintenance activity can occur until the missing tuple is inserted.

Data Structures:

RLPRT6LAB. Key fields: gport.member (port name), gport.module (SM number).

Action:

Tuples in the RLPRT6LAB relation may not be updated by RC/V since that would violate rules associated with external labels for all tuples in a trunk block. Contact the office data administration (ODA) organization.

392. TMPRT7LAB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the office dependent data (ODD) relation RLPRT7LAB resulted in a database read failure.

A common channel signaling (CCS) trunk has the in_sigtyp and/or out_sigtyp attribute of its rIFC_TRUNK tuple set to DBISUP7, but there is no corresponding rLPRT7LAB tuple. No CCS call processing or maintenance activity can occur until the missing tuple is inserted.

Data Structures:

RLPRT7LAB. Key fields: gport.member (port member), gport.module (SM number).

Action:

There must be a corresponding rLPRT7LAB tuple for every rLAB7PRT tuple. The keys for the RLLAB7PRT relation are gport.member and gport.module. Use RC/V (or ODBE, if necessary) to modify data in the RLPRT7LAB relation (as needed).

393. TMPRTCLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rLPRTCLS tuple failed.

Data Structures:

RLPORTCLSS. Key field: portcode (code representing a block of ports).

Action:

Insert the rLPRTCLS tuple for this portcode.

394. TMPRT_FULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A relation full error was encountered when the dynamic relation RLPRTLST was initialized during an SM initialization. This indicates an error in the RLPRTLST entry in the access dictionary which is stored in this SM's office dependent data (ODD).

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLPRTLST relation. The most likely cause of the problem is an incorrect value in the maximum tuple field (rel_tmax).

The data dump should be examined to verify that the rel_tmax value is the problem. The entire first two bytes of the dump contain the key used to insert an rLPRTLST tuple. Add 1 to this key value to determine the number of tuples that were successfully inserted before the error occurred. If this number is equal to rel_tmax, then rel_tmax was set too low and should be increased.

Otherwise, the error is in one of the other fields of the RLPRTLST entry in the access dictionary; such as, the head page size (rel_hsze), data page size (rel_dsze), tuples per page (acc_tpag), or number of data pages (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for this SM.

395. TMPRT_PCIFAIL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLPRT_PCI relation.

Data Structures:

RLPRT_PCI. Key Field: SM number. Key Field: CCS trunk's port number.

Action:

Contact Lucent PECC with associated data for support.

396. TMPRT_PCIFAIL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLPRT_PCI relation.

Data Structures:

RLPRT_PCI. Key Field: SM number. Key Field: CCS trunk's port number, CCS trunk's point code index (pci), CCS trunk's CIC, CCS trunk's protocol.

Action:

Contact the office data administration (ODA) organization.

397. TMPSATIMER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not set a port status administrator (PSA) timer.

398. TMPSBADRET (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected return was received from the port status administrator (PSA) during a status change.

399. TMPSTRK_L2 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to access an rLPSTRK_L2 tuple via the DBfrdtup() function.

Data Structures:

RLPSTRK_L2.

Action:

The rLPSTRK_L2 tuple is missing, it is needed for X.25 access on T1 facility (XAT) ports. Use RC/V (or ODBE, if necessary) to insert the tuple.

400. TMPSTRUNKS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A missing tuple from the SM office dependent data (ODD) relation RLPSTRUNKS resulted in a database read failure.

Data Structures:

RLPSTRUNKS. Key field: tg (packet switching trunk group number).

Action:

Use RC/V View 5.1 (TRUNK GROUP ASSIGNMENT) to add an rLPSTRUNKS tuple with the specified packet switching trunk group number.

401. TMPTRDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PTRDB	Audit Mode: elev

Problem:

Could not link an rIPTRDB tuple during initialization of an operator services position system (OSPS) video display terminal (VDT) digital subscriber line (DSL).

402. TMPTRMTPER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A request to initialize an operator services position system (OSPS) digital subscriber line (DSL) was issued from a position terminal. The request failed. This failure indicates a firmware failure with the position terminal.

Action:

Check the receive only printer (ROP) output for the port number associated with the position terminal which has the firmware failure. The position terminal needs to be replaced with an equivalent position terminal, or the firmware needs to be changed with an equivalent firmware before initialization of the OSPS DSL will be completed.

403. TMPVMAPINIT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

TR303 remote terminal (RT) provisioning software encountered a problem while attempting to initialize process data during a system initialization. Since purging a process at this time would cause escalation of the initialization, it is recommended that the PVSP system process be purged once the system has stabilized. This will result in another attempt to initialize the data.

404. TMQRYDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: QRYDB	Audit Mode: elev

Problem:

Could not link an rIQRYDB tuple during initialization of an operator services position system (OSPS) video display terminal (VDT) digital subscriber line (DSL).

405. TMQUEFULL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Queue is full. The system is experiencing too many carrier group alarms.

Data Structures:

None.

Action:

Clear the carrier group alarms.

406. TMRC_TKTXCFAIL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLRC_TKTXC relation.

Data Structures:

RLRC_TKTXC. Key Field: trunk transmission class.

Action:

Contact Lucent PECC with associated data for support.

407. TMRC_TKTXCFAIL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLRC_TKTXC relation.

Data Structures:

RLRC_TKTXC. Key Field: trunk transmission class, far end type, near end transmission level point, trunk type, far end toll class, trunk class count.

Action:

Contact the office data administration (ODA) organization.

408. TMRC_TRKFAIL (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLRC_TRK relation.

Data Structures:

RLRC_TRK. Key Field: logical port group number. Key Field: member number.

Action:

Contact Lucent PECC with associated data for support.

409. TMRC_TRKFAIL (5E12 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database read failed while attempting to read the RLRC_TRK relation.

Data Structures:

RLRC_TRK. Key Field: logical port group number. Key Field: member number, common language circuit identifier (CLCI), trunk transmission class.

Action:

Contact the office data administration (ODA) organization.

410. TMRDLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process could not read the RDLI entry in Data Delivery.

411. TMRDT2UNIT (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during a database (DB) read of the RLRDT2UNIT relation.

Probable Cause:

A tuple is missing from the RLRDT2UNIT relation or the DB can not access the tuple.

Action:

Report occurrence along with all possible supporting data.

412. TMRDTARD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred while reading, updating, deleting, or inserting an rLRDTA_DATA tuple.

Data Structures:

RLRDTA_DATA. Key fields: gport.member (port member), gport.module (SM number).

Action:

A discrepancy exists between the RLRDTA_DATA relation and the TMRdta_ports[] .bss dynamic memory. Audits will fix the discrepancy.

413. TMREAD_MM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DDread() primitive failed to read the SM minmode status.

414. TMRECVW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to receive a message using a DMERT primitive call to RECVW.

415. TMRETRN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

General returning assert.

416. TMRISDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static data for a remote alarm section (RAS) equipped digital subscriber line (DSL) was found to be inconsistent when attempting to restore the DSL into service by any type of restoration request.

Data Structures:

RLRISITE. Key field: risiteid (RISLU site number).

The RLRISITE relation contains configuration information about each remote integrated service line unit (RISLU) site. The value for this RAS equipped DSL is dumped (in hex). This value was obtained from the xnamid attribute in the rIDLDSL tuple for the port being configured. The ras_eqp attribute indicates whether the RISLU is equipped with

a RAS. This assert is called from the code that configures the RAS; therefore, this field should be set to DBYES.

Action:

For each RAS equipped DSL, there must be an rIRISITE tuple for its corresponding RISLU site number, and the ras_eqp attribute must be DBYES.

Determine the RISLU site number by looking at the xnamid attribute in the rIDLDSL tuple for this port. Use RC/V View 22.11 (RISLU SITE ALARMS) to examine and update the tuple for this RAS equipped DSL.

417. TMRLFACPM (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred in the access or update of an rIFACPM dynamic tuple.

418. TMRMDSLFL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure return code was received from the RTrmdsl() function. A digital subscriber line (DSL) could not be removed from service.

419. TMRMSDBINIT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to zap or initialize the remote measurement system - digital 3 (RMS-D3) database relations. The relations are zapped and initialized by the functions TMrmszap() and TMrdbinit(), respectively. As a result of this failure, no RMS-D3 data can be populated or used by the RMS-D3 or the 5ESS® switch.

420. TMRPCU2NDN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of an rLRPCU2NDN tuple failed with a DBNO_MATCH error.

Data Structures:

RLRPCU2NDN. Key fields rpcu_id & rpcu_idx.

Action:

Insert an rLRPCU2NDN tuple for this rpcu_id.

421. TMRT2DS1 (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access or update an rIRT2DS1 tuple for determining which DS1s terminate on a remote terminal.

422. TMRTA5FAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send the RTA5 command to the remote measurement system - digital 3 (RMS-D3) requesting a test access trunk (TAT) assignment update to maintain consistent data.

423. TMRTAFail (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The routing and terminal allocation (RTA) function RTsetpriority() returned a failure.

424. TMRTE_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The RTroute() function returned failure to the automatic line insulation test (ALIT) calling function. One of the following occurred:

- all ALIT ports were busy in the SM routed to
- the desired terminal process was unable to be created in the module
- routing and terminal allocation (RTA) could not forward the MGMTTERM message to that process
- RTA found a problem with the MGMTM_REQ message

The exact failure return is in the third parameter of the first user stack frame dumped to the receive only printer (ROP) printout. This parameter will contain a value of type hdr/db/DMtreat.h. RTA may also output a defensive check failure (DCF) to the ROP.

425. TMRTLAPD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A database primitive returned a failure code when attempting to access the relation RLRT_LAPD, during IDCU TR303 Remote Terminal Provisioning.

426. TMRT_MISC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rIRT_MISC tuple failed with a DBNO_MATCH error.

Data Structures:

RLRT_MISC. Key field: rname.

Action:

Insert an rIRT_MISC tuple for this rname key value.

427. TMRTSMBLK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process was unable to read the DDRTSMBLK entry in data delivery.

428. TMS96ABSIG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to read an rls96ABSIG tuple failed with a DBNO_MATCH error.

Data Structures:

RLS96ABSIG. Key field: chanutype.

Action:

Insert an rls96ABSIG tuple for this chanutype key value.

429. TMS96DDB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The static relation RLS96DIODE was not populated correctly. The DBfrdtup() function returned a DBNOMATCH. Recent change (RC) should correct this relation.

430. TMS96DIODE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An internal database error occurred while executing the DBfrdtup() function on the RLS96DIODE relation for a SLC[®]-96 metallic connection.

431. TMS96EQUIP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A read of the SM relation RLS96EQUIP failed.

432. TMS96SMTB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The DBfrdtup() function failed on the RLS96SMTB relation while executing the Tms96ch() function. For all returns except SUCCESS and DBNO_MATCH.

433. TMSDLCOTYP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Invalid signaling data link connection order message type specified in message or parameter.

434. TMSDLI (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM (ISM)-SM system process was unable to read the DDSDLI entry in data delivery.

435. TMSDLLPTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A invalid port type was found in RLFC_PORTTYP for a signaling data link (SDL) or the port was incorrectly inserted in RLLGRPMEM.

436. TMSEGMENT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Large Q.931 message requires too many segments to send.

Data Structures:

The ROP output will show the port, party, tei, and cr.

Action:

Contact service personnel.

437. TSENDMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A terminal or system process was unable to communicate via the OSSENDMSG() macro to the supervising process for reasons other than resource failures.

438. TSENDPW (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to send a message using a DMERT primitive call to SENDPW.

439. TMSKCN (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Could not read or update the stuck coin list relation RLSKCNLIST.

440. TMSL2TEC (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The SLIM2 test equipment process has returned an unexpected error message back to the SLIM2 routine mode terminal process.

Probable Cause:

SLIM board been removed from service or encountering hardware problems.

Action:

Check the status of the SLIM2 board that was used by the SLIM routine mode test session.

441. TMSMDCHN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A tuple of the office dependent data (ODD) relation RLSM_DCHN is missing.

Data Structures:

RLSM_DCHN. Key fields: sm, dchn_idx.

Action:

Use RC/V (or ODBE, if necessary) to correct the ODD inconsistency.

442. TMSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed in an attempt to access an rISMEST tuple.

443. TMSMIDLSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid port status was found in the SM.

444. TMSMIMSEND (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The OSSENDMSG() macro returned a failure value for a message to a switch maintenance for the SM (SMIM) terminal process from the TMoalmrcvy() function.

445. TMSTADDFAIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The return code from a call to the TMckacit() function indicated a failure to add a state to the port. The state may have been invalid.

446. TMSTATUS (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

A port's out-of-service status could not be removed by MSPS, misplaced start pulse [machine detected interoffice irregularities (MDII)].

447. TMT7ERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TIMER7	Audit Mode: elev

Problem:

Trouble has been detected with the data used to send common channel signaling system 7 (CCS7) blocking,

unblocking and reset messages. Temporary inter-office trunk status conflicts are possible. These inconsistencies should self-correct over time as incoming and outgoing CCS7 calls occur on those trunks with inconsistent data. The CCS7 trunk status query feature can also be used to correct such inconsistencies, but it will run only if the status query feature is enabled.

Action:

The data problem detected was associated with the RLTIMER7 relation. This assert will schedule the AUTIMER7 audit to verify the data in the RLTIMER7 relation tuples and recover any bad data found. The RLTIMER7 relation is closely inter-related with three other dynamic relations (RLPCILST7, RLCINDX7, and RLENTY7). Problems detected by the AUTIMER7 audit may cause one or more of the audits for these related relations to run also.

If this assert continues to occur after the audit runs to completion, send the information from the assert output to the product engineering control center (PECC) for analysis. Up to three additional data blocks may also be included in the assert output to assist PECC in the isolation/resolution of the problem. Please include all data output as part of the assert when reporting the occurrence of this assert to PECC.

448. TMTAPOSDBERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TAPOSDB	Audit Mode: elev

Problem:

Could not link an rITAPOSDB tuple during initialization of an operator services position system (OSPS) video display terminal (VDT) digital subscriber line (DSL).

449. TMTEDBLNK (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TEDB	Audit Mode: elev

Problem:

A terminal maintenance (TM) trigger detected a terminal equipment data block (TEDB) linkage error.

450. TMTEILA_DATA (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: TEILA	Audit Mode: elev

Problem:

Inconsistent data was found associated with a TEILA tuple.

Probable Cause:

The data was initialized incorrectly by the application or was corrupted.

Action:

Look at the data dumped by the assert and the audit in the receive-only printer (ROP) output to determine the cause of this error.

451. TMTERAFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

During a database (DB) access, an attempt to clear the trunk error analysis relation failed.

452. TMTERAUP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while trying to update a known tuple for a trunk error analysis relation. A system error may have occurred.

453. TMTFBADREASON (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A failure occurred during an RC/V (or ODBE) change that touched the given static relation tuple. The associated trigger function was entered with an invalid reason argument. There may be an error in the REL_DICT section of the relation definition.

454. TMTGRPRK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An office dependent data (ODD) inconsistency exists between the AM ODD relations RLRCTGRPRK and RLPORT_GROUP. No corresponding rLRCTGRPRK tuple could be found for the given portgrp attribute in the rLPORT_GROUP tuple.

Data Structures:

RLRCTGRPRK. Key fields: portgrp.grpnum (trunk group number), portgrp.grptype (TM_TRK).

Action:

Use RC/V View 5.1 (TRUNK GROUP ASSIGNMENT) (or ODBE, if necessary) to correct the ODD inconsistency.

455. TMTLWSUJOB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown job type was in the trunk and line workstation (TLWS) active task buffer.

456. TMTMS_INTER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The inter-SM port (ISMPT) time multiplexed switch link (TMSLNK) interconnectivity probe was received illegally by a master port.

457. TMTPCBUF (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: TPCBUF	Audit Mode: elev

Problem:

The integrated services port administration (ISPA) software detected a linkage error with an rITPCBUF tuple.

458. TMTRANBAD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A function was entered that required a transaction ID, however no transaction ID was provided.

Action:

Contact the product engineering control center (PECC) for support.

459. TMTRK_ERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error was encountered when attempting to read the office dependent data (ODD) relation RLFC_TRUNK. There may be a problem in the ODD's access dictionary entry for the RLFC_TRUNK relation.

Data Structures:

RLFC_TRUNK. Key fields: port.member (trunk port), port.module (SM number). The data dump contains the two keys that were used to read the relation.

Action:

Contact the office data administration (ODA) organization. They will examine the access dictionary entry for the RLFC_TRUNK relation. The problem may be caused by an incorrect value in the maximum tuple field (rel_tmax), head page size field (rel_hsze), data page size field (rel_dsze), tuple per page field (acc_tpag), or the number of data pages field (acc_npag). When the error is found, a new ODD correcting the access dictionary problem will be built and installed for the SM.

460. TMTTATFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The stub for the TTAT process was called.

461. TMTTSTDATA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while attempting to get data for a trunk test. The RLTM_ATTT relation could not be read, or invalid data was retrieved from the relation.

462. TMTTSTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid test type was requested for a tuple test.

463. TMULNKBPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHISTORY	Audit Mode: elev

Problem:

Failed to unlink an rPHISTORY tuple from a busy head cell; therefore, a port's status change was not complete.

464. TMULNKIPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PHISTORY	Audit Mode: elev

Problem:

Failed to unlink an rPHISTORY tuple from an idle head cell; therefore, a port's status change was not complete.

465. TMULNKPOPH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to unlink an rIPORTLA tuple and an rIPHISTORY tuple. A port now has an out-of-date status.

466. TMULNKPTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Failed to unlink a port from its system list. There may be a discrepancy between the RLPORTLA relation and the RLPRTLST relation.

467. TMULNKTMR (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: GPFTIMER	Audit Mode: elev

Problem:

Failed to unlink an rIGPFTIMER tuple associated with gp timer.

Probable Cause:

Broken linkage between rIGPFTIMER and headcell rIOHTIMER.

Action:

GPFTIMER audit will recover the timer to a valid list.

468. TMUMSGNOR (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received.

469. TMUNERR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was encountered. The process cannot continue.

470. TMUNEXEVT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an unexpected process event.

471. TMUNEXRTN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Received an unexpected return code from a primitive.

472. TMUNIT2RDT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed to access the tuple in relation RLUNIT2RDT.

Probable Cause:

A tuple is missing from the RLRDT2UNIT relation.

Action:

Contact office-dependent data (ODD) administrator and/or developer.

473. TMUNIT_CKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Tuple missing in the relation RLUNIT_CKT. When attempting to read this relation, a failure return code of DBNO_MATCH was returned. This indicates that the tuple is missing, or that the keys used to read this relation were set improperly.

Data Structures:

RLUNIT_CKT.

Action:

This is a database inconsistency that can only be corrected by manual action.

474. TMUNKCLS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A line tuple read from the AM office dependent data (ODD) relation RLRT_DNTRAN contains an unknown terminating class of service.

Data Structures:

RLRT_DNTRAN. Key field: locdn.

The first field (NOC) and the second field (local digits) of the dump make up the key field, LOCDN (NOC + last 4 digits). The third field is the termclass attribute which contains the unknown terminating class of service (defined in DMtermclass.h).

Action:

Examine the RLRT_DNTRAN tuple for the specified LOCDN to check if the termclass attribute is correct. If not, use RC/V (or ODBE, if necessary) to correct the tuple.

475. TMUNK_SM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The TMIId2smdat() function received a message from an unknown SM. Check the input parameters.

476. TMUNK_TIMER (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown timer fired.

477. TMUNK_VALUE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown value was received.

478. TMUNLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The system list type received from routing and terminal allocation (RTA) was unknown.

479. TMUNLKLH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RSPTPN	Audit Mode: elev

Problem:

The DAatlsn() or DARslhsn() function did not successfully link or unlink an rIR_SPTPN tuple to/from the set owned by an rIR_LHPTPN tuple.

480. TMUNXP_TIMER (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected timer fired in the inter-SM (ISM) craft terminal process.

481. TMUPCAMCA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: RTPSTAT	Audit Mode: elev

Problem:

The TMuptupca() function did not successfully update the RLR_MCATPS relation and the RLR_CATPS relation. The update was an add or a delete.

482. TMUPDCADN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The circuit administration (CADN) field in the RLFC_PORTTYP relation for one or more trunks may not have been updated correctly during the trunk status mapping stage of an SM generic retrofit selective initialization. This assert is internally limited so that it can only fire a maximum of five times per assert call per SM.

Data Structures:

The SM number, trunk group number, trunk member number, gport.member (port name), and number of times this assert has fired from this SM are dumped.

Action:

After the SM generic retrofit selective initialization completes, follow the procedures in the generic retrofit, generic update, or large terminal growth (LTG) manual for dumping the trunk out-of-service (OOS) list.

In the section of the trunk OOS list that is generated for the SM from which this assert fired, find the particular OOS

CADN status that was listed for the trunk in the assert. Use RC/V (or ODBE, if necessary) to look at and possibly update the RLFC_PORTTYP relation for this trunk. The CADN field should be set to TMIOCD if the trunk is OOS CADN DSBLD and set to TMIOCL if the trunk is OOS CADN LKDO.

If the assert count is equal to 5, check all of the OOS CADN trunks on the SM to determine if they have been updated correctly in the office dependent data (ODD).

483. TMUPDERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The circuit administration (CADN) field in the RLFC_PORTTYP relation, RLPCI7GR relation, and/or RLAMPCI7GR relation for a CCS trunks may not be consistent due to recent maintenance activity.

Data Structures:

trunk group number port name.

Action:

Investigate recent maintenance activity involving the trunk group (and in particular the port) specified. Changes to the OOS,CADN statues may have left the static ODD data relations: RLAMPCI7GR, RLPCI7GR, and/or RLFC_PORTTYP, indicating the trunk is still equipped in the office.

Change from an OOS,CADN status may have left the same static ODD data relations indicating the trunk is not yet operational.

Failure to correct the ODD will result in sending blocking, unblocking and/or reset during and/or following SM impairment for unequipped CCS trunks. In action, now operational CCS trunk will not send blocking, unblocking, and/or reset following and/or following SM impairment. This message exchanges is necessary to insure consistent trunk state between offices. Inconsistent trunk status results in an increase ineffective call rate and call setup time.

The AUD:CCSXLATE command can be used to locate the relation(s) in error. Use the ODBE, and poprles to correct the faulty relation identified by AUD:CCSXLATE. Use the AUD:CCSXLATE after each relation is updated until ATP ("all test passed") is obtained.

There is an automatic periodic recovery method in the 5ESS[®] switch to correct some of the CADN inconsistencies. Every midnight, trunks in the OOS,CADN status are verified against the static ODD to insure correctness. If a mismatch is located, automatic correction is attempted. This automatic recovery is however directional. Trunks that are operational (not OOS,CADN) are not check.

484. TMUPDSMEST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Failed in an attempt to update an rISMEST tuple.

485. TMUPPAGE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to update or display a trunk and line work station (TLWS) menu page.

486. TMUSNOPRTLA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

The TMps_eis() function failed in an attempt to check if a port is in service. The DA primitive DAgetprtla() could not read an rIORTLA tuple. The port linkage area (PORTLA) audit will be scheduled in elevated mode and will attempt to reconstruct the RLPORTLA relation from static data.

If the assert fires repeatedly, then the port obtained from the RLEISDSL static relation and used as a key to read an rIORTLA tuple is invalid.

Data Structures:

RLEISDSL. Key field: sm_rel_lnk (SM relative link number).

RLDLSL. Key field: gdport (global port).

Action:

Compare the port retrieved from the rIORTLA tuple and the port that was dumped against the corresponding port given on RC/V View 21.30 (OSPS - DSL PORT) for the rLEISDSL tuple. If a data mismatch is found, use RC/V View 21.30 to correct the data.

487. TMUXALMTYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An error occurred while terminal maintenance (TM) was processing a red carrier group alarm (CGA) on a host digital facility interface (HDFI). The reported alarm state was neither ON nor OFF.

488. TMUXDFITYPE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal digital facility interface (DFI) type was encountered when clearing the DFI's slip and out-of-frame counters to zero.

489. TMUXPMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unknown or unexpected message was received. Note the occurrence.

490. TMUXR_GDCHK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

In the TMgleischk() function, an unexpected value (GLFAIL) was returned from a call to the DBfrdtup() primitive while attempting to read a tuple. This does not affect the update of the data delivery key.

491. TMVPIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to read rIVPIDB_F or rIF_VPIDB.

Probable Cause:

Corrupt database.

Action:
Fix database.

492. TMWDBRD_FAIL (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:
A database (DB) read failure occurred on a wideband port.

Probable Cause:
Software error in reading the relation to the wideband port.

Action:
Contact your next level of support.

493. TMWGETMSG (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
The system process woke up for a message, but the OSWGETMSG() macro failed.

494. TMWGMFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
OSWGETMSG failed to get a message.

495. TMWGTFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
OSWGETTYPE failed to get a message.

496. TMXAMPCI7GR (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:
At least one extra tuple was found in the office dependent data (ODD) relation RLAMPCI7GR. The RLAMPCI7GR relation has been checked against the RLPCI7_LAB relation to verify that no tuples exists on the AM for PSU controlled CCS7 ISUP trunks. This assert indicates that tuples in RLAMPCI7GR were found where either the corresponding RLPCI7_LAB tuple contained a psu_mod attribute with a value other than zero or the corresponding RLPCI7_LAB tuple does not exist.

Data Structures:

Missing RLPCI7_LAB count - number of RLAMPCI7GR tuples that do not have corresponding RLPCI7_LAB tuples.

Error Tuple count - number of RLAMPCI7GR tuples that contain PCIs that are PSU-controlled.

RLAMPCI7GR. Key fields: MODULE, PCI (point code index), CIC_OFFSET.

Action:

Contact Lucent PECC with associated data for support. Refer to the TECHNICAL ASSISTANCE portion of the INTRODUCTION section of the Asserts manual.

497. TMXDSLEQUIP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Unable to access an rIDSLEQUIP tuple via the DBfrdtup() function.

Data Structures:

RLDSLEQUIP.

Action:

The rIDSLEQUIP tuple is missing, it is needed for X.25 access on T1 facility (XAT) ports. Use RC/V (or ODBE, if necessary) to insert the tuple.

498. TMX_ISM (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

While restoring a protocol handler (PH), corrupt inter-SM (ISM)-SM system process global variables were found, requiring the system process to be purged.

499. TMXPICB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists between the AM office dependent data (ODD) relation RLRC_EQLOC and the SM ODD relation RLPICB. RLRC_EQLOC contains a peripheral interface control bus (PICB) for which there is no corresponding tuple in the RLPICB relation.

Data Structures:

RLRC_EQLOC, RLPICB.

The first field dumped, picb, is the key. The second field is the SM number. The third field is the unit type (from DMunittype.h) of the unit being tested (e.g., SMLU, SMC1LU, or SMDCLU). The fourth field is the unit number, and the fifth field is the service group.

Action:

Determine the cause of the problem, then use RC/V (or ODBE, if necessary) to correct the problem. There are three possible errors.

1. The SM number in the RLRC_EQLOC relation is incorrect; the PICB actually resides on a different SM. Update RLRC_EQLOC to reflect the correct configuration.
2. The PICB number in the RLRC_EQLOC relation is incorrect. Update RLRC_EQLOC to reflect a valid PICB number.
3. The SM and PICB numbers in the rIRC_EQLOC tuple are correct; but the corresponding rIPICB tuple is missing. Insert a tuple in the RLPICB relation on the SM, use the PICB number as the key.

500. TMXPORTLA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt by the DBxfrdtup() function to read the RLPORTLA relation failed for a non-resource failure reason. DBNO_MATCH was not the error code.

501. TMXSMEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An inconsistency exists between an SM's RLCKTDATA relation in the office dependent data (ODD) and the SM's RLSMEST dynamic relation. The RLSMEST relation is built from the RLCKTDATA relation.

Data Structures:

RLCKTDATA, RLSMEST, RLPICB, RLRC_EQLOC.

The first field dumped is the automatic line insulation test (ALIT) circuit ID for which status information is desired. This value is used as the key unit_id to the RLSMEST relation. The second field is the SM containing the two relations in question.

Action:

Examine the RLCKTDATA relation for the SM to verify that an RLCKTDATA tuple exists for the ALIT circuit with this unit_id. The key to the relation is the ALIT circuit name (unit_id). The type attribute should be PCMSALIT, and the utype attribute should be SMMSU or SMMODMSU. The upper 8 bits of the baseadd attribute should be equal to 1 less than the upper 8 bits of the unit_id. If the tuple does not exist, add the tuple to the RLCKTDATA relation.

If an RLCKTDATA tuple exists, verify that the ALIT circuit name (unit_id) is valid. The lower 8 bits of the unit_id represents the board position of the ALIT circuit in the metallic service unit (MSU) or modular MSU (MMSU). The upper 8 bits of the unit_id represent the peripheral interface control bus (PICB) + 1. Examine the SM's ODD relation RLPICB. The key to the RLPICB relation is the picb, not the picb + 1. The brd?type attribute should be equal to PCALITBRD. The question mark in brd?type refers to the board position. Verify that the picb in RLPICB is correct by examining the AM ODD relation RLRC_EQLOC. The key to RLRC_EQLOC is the SM number. Search the unittype attribute for SMMSU or SMMODMSU. The picb attribute located in the RLRC_EQLOC relation should be equal to the picb used to access RLPICB. If any of these relations are incorrect, use RC/V (or ODBE, if necessary) to correct the tuples.

502. TMZOMBIE (5E11 and later)

Recovery Action: -rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A terminal process was still alive that should have been killed. The process will be killed.

503. XTMBADMSGGEN (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A message was received with an incorrect enumeration.

504. XTMMODATT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DBfrdtup() of AM static data base relation RLMODATT failed (DBNOMATCH), indicating that an inconsistency exists - SLIM path handling software was requested to use a SLIM device in a particular SM and RLMODATT has no data for that SM. The requested SM number, of type DMMODULE, is dumped.

505. XTMNOPTYP (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: PORTLA	Audit Mode: elev

Problem:

Database failure when trying to access the relation RLFC_PORTTYP.

506. XTMRTR_FAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

RTroute() returned failure to SLIM calling function. Either all SLIM ports were busy in the SM routed to, or the desired terminal process was unable to be created in the module or RTA was unable to forward the MGTM_TERM message to that process, or RTA found some problem with the MGTM_REQ message. The exact failure return is contained in the third parameter of the first user stack frame dumped out by this assert. This parameter will contain a value of the type hdr/db/DMtreat.h. RTA also outputs its own asserts in many cases.

507. XTMSLRLT (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid return from the primitive PCriscct.

Range: trc**1. TRBADMSG (5E11 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected message was received.

2. TRBAD_SM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid SM was detected.

3. TRSYSPROC (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The reason for entering the system process is invalid.

Range: unk**1. OUT_OF_RANGE (5E13 and later)**

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

An assert error code that was out of range was passed to an ASSERT macro. The process that passed the invalid error code will be purged. No audits will be run. This ASSERT indicates a problem in the calling function's interface to the ASSERT handler.

2. OUT_OF_RANGE (5E11 to 5E12)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An assert error code that was out of range was passed to an assert macro. The process that passed the invalid error code will be purged. No audits will be run. This assert indicates a problem in the calling function's interface to the assert handler.

Range: unkpp**1. OUT_OF_RANGE (5E13 and later)**

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An assert error code that was out of range was passed to an ASSERT macro. The process that passed the invalid error code will be purged. No audits will be run. This ASSERT indicates a problem in the calling function's interface to the ASSERT handler.

Range: up**1. BADSMPADDR (5E11 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Call to Slsmtomhadr() failed.

2. UPBADADDR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

UPsmpaddr() is passed an invalid peripheral disk image address for the target peripheral type.

3. UPBADCKT (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An attempt to obtain the mate common circuit name for a given circuit name has failed using the SMPICB2MTCOM() macro. The mate circuit's peripheral interface control bus (PICB) is not found and the circuit may not be equipped. The given circuit name is dumped as part of the assert output. Or, if the unit is a protocol handler (PH), an attempt to obtain the common name for a given shelf+ph# value name has failed using the SMSHFNRPHN2PH() macro. The circuit may not be equipped or trouble was encountered in attempting to access the database. In this later case, the peripheral number identifier "perinum" is dumped as part of the assert output. In either case if the named unit is equipped, contact your next level of support for assistance.

4. UPBADMH (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid message handler (MH) number was passed to the MH transfer vector (TV) overwrite function. Check whether the range of MH numbers (SMMH0_ID to SMMH_MAX) has been changed. If not, this is probably a software problem.

5. UPBADMODE (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Data and/or transfer vector (TV) overwrites can not fit in one UP-SMIM interface buffer even though an earlier calculation determined they can. Check the size of the interface buffer (SMMHBUFF for MH), the number of data overwrites loaded, and the number of TV overwrites loaded. Since the lengths of data overwrites vary, the number of data overwrites do not tell the total length of all the data overwrites, which can be calculated by analyze the last update buffer (LUB) file.

6. UPBADPICB (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A peripheral interface control bus (PICB) value validity check using the SMIS_PICB() macro has failed while performing a software update task. This validity check is performed before an attempt is made to convert a PICB to

a common circuit name via the SMPICB2COM() macro. The assert will dump the PICB value for the circuit in question. Contact your next level of support for assistance.

7. UPBADSMEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An unexpected (bas_stat, qual_2) combination is found in a rISMEST tuple.

Probable Cause:

A new (base_stat, qual_2) combination was recently introduced or an incorrect rISMEST tuple was read, which may have been caused by passing in an incorrect key (unit_id).

Action:

The key to the tuple read, base_stat, and qual_2 are dumped as data 0, 1, and 2, respectively. If the information is correct, contact a developer to correct the software so that the state can be properly handled.

8. UPBADSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral units were found in a state inconsistent with a previously reported result of upd:pmpperf. This may include scenarios such as: degraded TMUXs were found after a successful upd:pmpperf; or no degraded or inconsistent TMUX was found after a failed upd:pmpperf.

Probable Cause:

The upd:pmpperf result was first reported by maintenance request administrator (MRA) then mapped by UP into a local "context". This is probably a software problem.

Action:

The reported result (or context) is dumped as the first data. The stack dump contains the target peripheral type (e.g. DNUS-CC, TMUX). Compare the states of the units with the reported result. If an unit should be consistent and in-service but is not, manually restore it to STBY or ACT, followed by re-poking upd:pmpperf. Also talk to UP developers.

9. UPCKT2CX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A circuit index can not be obtained given a circuit name, which is dumped by the assert. Check the existence of the CKTDATA tuple using the circuit name as the key.

10. UPCKTDATA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error reading a rICKTDATA tuple.

Probable Cause:

Invalid key, missing tuple, or software problem.

Action:

Investigate the error returned by the database read. Verify that the tuple exists. The tuple buffer and the return code

are dumped as the first and second data, respectively.

11. UPCPLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered in the operating system for distributed switching - central processor (OSDS-C).

12. UPDFADRER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The UPimdufr() function found an attempt to overwrite memory that was not field updatable.

13. UPDNCKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A mapping from a circuit name (DMCIRCUIT) to unit number and CC number failed. As a result, the ROP output message for this circuit was not properly formatted.

Probable Cause:

To do the mapping, the circuit name was used as the key to search the global UPdncircuit[unitno][cc] where each element was a circuit name. Although a match was expected, there was no UPdncircuit[][] entry that contained the circuit name. This is probably a software problem.

Action:

Collect the data (the circuit name and UPdncircuit[]) on ROP and seek technical support.

14. UPFAPFAIL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An OSfap() function call from the UPgetptchs() function failed.

15. UPIMCDA (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A data mismatch was encountered.

16. UPIMCDTVM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A transfer vector mismatch was encountered in data space.

17. UPIMCH2K (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The computed hash sum for a 2K block does not match the hash sum in the last update buffer (LUB).

18. UPIMCHADR (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A hash sum address was not in the hash sum table.

19. UPIMCHEQU (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The old hash sum and the new hash sum are the same.

20. UPIMCHMM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A hash sum mismatch was encountered.

21. UPIMCTTVM (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A transfer vector mismatch was encountered in text space.

22. UPIMCTX (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A text mismatch was encountered.

23. UPIMDESV (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

The UPimdufr() function found an inconsistency in the program update status vector structure.

24. UPIMHSER (5E11 and later)

Recovery Action: spp	SPP: n	Audit: null	Audit Mode: null

Problem:

A hash sum error was found after memory overwriting completed.

25. UPIMLIST (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A problem was encountered in the operating system for distributed switching - switching module (OSDS-SM).

26. UPIMRBIH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hash sum was detected during recovery in the backout mode or the install mode.

27. UPIMRD (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid mode was detected in recovery.

28. UPIMRIBH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hash sum was detected during recovery in the install mode or the backout mode.

29. UPIMRIL (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The last update buffer could not be used for recovery because it was inconsistent.

30. UPIMRRBH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid hash sum was detected during recovery in the reclaim mode or the backout mode.

31. UPIMTVSV (5E11 and later)

Recovery Action: spp	SPP: y	Audit: null	Audit Mode: null

Problem:

The UPimtrop() function found an inconsistency in the program update status vector structure.

32. UPODRULK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A call to Slenum_olock() failed to unlock an SM optional data region (ODR) where a peripheral image resides.

Probable Cause:

The image may already be in the requested state (i.e. unlocked), the image may be locked by another process, or bad parameters were passed.

Action:

Investigate why the image in ODR can't be unlocked. This unlock was requested after finishing all the read and/or write operations during update installation or consistency check. Since this error did not affect the operation, it is

ignored. If the ODR is still locked and not unlocked by the integrity monitor by the time the next lock request comes in, the lock request will fail. The integrity monitor will eventually clean up the lock.

33. UPPHMSGERR (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The UPphconchk() function received an unexpected message type from the PSsendmsg() function during protocol handler (PH) patch collection.

34. UPPHN2PH (5E11 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A packet switch unit (PSU) protocol handler (PH) circuit name can not be obtained given a physical ph number (0-95). Check existence of the UNIT_CKT tuple using the circuit index (second data dump) as part of the key.

35. UPSMEST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error reading a rISMEST tuple. As a result, the intended procedure, e.g. UP consistency audit, may have been skipped for this circuit.

Probable Cause:

Incorrect circuit name or software problem.

Action:

The circuit name and the DBfrdtup() return code are dumped as the first and second data dumps. Determine whether a rISMEST tuple exists for this circuit then contact a UP developer.

36. UPTMXMSG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

DNU-S CC resident software (RSW) returned a TMUX software update consistency check error code not recognizable by Program Update.

Probable Cause:

Software problem. UP probably has not been notified of the new error code defined by RSW.

Action:

Collect ROP data and seek technical support. The first data dump is the result returned from the RSW update consistency check task. The second data dump is the originator of the consistency check, e.g. periodic audit or manual AM request.

37. UPUNITCKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Error reading a rIUNIT_CKT tuple.

Probable Cause:

Invalid key, missing tuple, or software problem.

Action:

Investigate the error returned by the database read. Verify that the tuple exists. The tuple buffer and the return code are dumped as the first and second data, respectively.

Range: upump**1. SIACKINTF (5E12 and later)**

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral pump could not read the acknowledgement for a command from the target processor.

2. SIBADCKT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) pump failed to read circuit data for the PH.

3. SIBADCMD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Slmc_sndcmd() was passed an invalid command type.

Probable Cause:

Software bug, interface error, or text corruption.

Action:

Report problem through local field support personnel.

4. SIBADIMG (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid image type was passed to the asserting function.

5. SIBADIMG (5E11 only)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An invalid image type was passed to the Slunitpump() function.

6. SIBADINDX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The index used to link back to global tables has been corrupted.

Probable Cause:

One of the multicast pump functions is corrupting the data.

Action:

Provide any ROP output to local field support for analysis.

7. SIBADPHTYPE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler (PH) type passed to the Slpumpph() function is an invalid PH type.

8. SIBADPIDB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump failed to read digital subscriber line (DSL) data from a relation.

9. SIBADPT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) pump received a bad pump type

10. SIBADSMADD (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral pump found an invalid switch module processor (SMP) address corresponding to a requested peripheral address.

11. SICCAK (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) acknowledgment indicated that the pump was not complete after an END command.

12. SICCBDRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A common control (CC) pump request was not on a 2K boundary.

13. SICCFMBX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) failed to clear a final mailbox after a pump.

14. SICCFRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) reset failed before a pump.

15. SICCHFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) did not complete hashsum checks after a CC pump.

16. SICCIMBX (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) failed to clear a mailbox during a pump.

17. SICCKPCB (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) pump did not get a valid CC acknowledgement after sending a command.

18. SICCNCOMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) pump did not receive a complete acknowledgement after hashsum checks.

19. SICCSTAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Common control (CC) pump received an invalid status from the CC after sending a command.

20. SICMDINTF (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral pump could not send a command to the target processor.

21. SIESCPMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Pump escalated to a full pump.

22. SIHSCERRLD (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Found PH raised error_lead after hashsum check in PH restore. This assert is for information only.

23. SIHSCNFEA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A hashsum check for peripheral pump did not have the feature loaded in the feature activation table (FAT).

24. SIHSCNOMAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No match was found in the feature activation table (FAT) for a peripheral pump hashsum check.

25. SIHSCSTAT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral pump was in the process of hashsum checking a unit and found the unit in an illegal state.

26. SIINITERRLD (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Found PH which raised error_lead after INIT in PH restore. This assert is for information only.

27. SIJMP2ERRLD (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PH did not raise error_lead after jump to phase 2 during PH restore. No action taken. This assert is for information only.

28. SIJMP3ERRLD (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

PH did not raise error_lead after jump to phase 3 during PH restore. No action taken. This assert is for information only. Probably caused by interface errors.

29. SINOFEAPMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

A peripheral pump feature was not loaded in the feature activation table (FAT).

30. SINOIMAGE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The switch module processor (SMP) image for this peripheral unit is not loaded.

31. SINOMATPMP (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No match was found in the feature activation table (FAT) when trying to pump a peripheral.

32. SINOUIT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The unit information table was not found for peripheral pump.

33. SIPH3SETUP (5E13 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Some PHs (PH3/4/6) did not get phase 3 pump setup messages. No error_lead raised for those PHs. No action taken. This assert is for information only.

34. SIPHBDRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) pump received a request that was not on a 2K boundary.

35. SIPHBUF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) pump in the switch module processor (SMP) timed out while waiting for a pump complete flag in the protocol interface (PI).

36. SIPHCDE (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) pump in the switch module processor (SMP) did not get a valid complete code during a PH hash sum check (HSC).

37. SIPHDATAPMP (5E12 and later)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH data ODR pump bits are set invalidly. The system is unable to pump the requested data ODR(s) to some protocol handlers (PHs). This is a software problem and needs to be addressed quickly.

38. SIPHDATAPMP (5E11 only)

Recovery Action: rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PH data pump bits have been corrupted. The PHs may be out of date. This is a software problem and needs to be addressed quickly. No "data" has been pumped the the PHs (TEXT has been pumped).

39. SIPHFLG (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol handler (PH) pump in the switch module processor (SMP) did not receive valid pump buffer addresses.

40. SIPHFRST (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler (PH) failed to reset during a pump.

41. SIPHRDBF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol handler (PH) pump in the switch module processor (SMP) timed out while waiting to read the next pump buffer.

42. SIIBDRY (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Protocol interface (PI) pump received a request that was not on a 2K boundary.

43. SIPIHFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol interface (PI) did not return SUCCESS, or a hash sum check (HSC) failure occurred.

44. SIPIRNFEA (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol interface (PI) reset for peripheral pump did not have the feature loaded in the feature activation table (FAT).

45. SIPIRNOMAT (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

No match was found in the feature activation table (FAT) for the Pireset command.

46. SIPIRSTF (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The protocol interface (PI) was not released from a hold state after a pump.

47. SISENDFL (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

The PSsendmsg() function failed during a protocol handler (PH) pump.

48. SISMBADSTAT (5E12 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

Peripheral pump could not send a command because the target unit was not in the correct state.

49. SIUPPIOS (5E11 and later)

Recovery Action: -rpi	SPP: n	Audit: null	Audit Mode: null

Problem:

An illegal request to pump the mate protocol interface (PI) was encountered while the switch module processor (SMP) was in an unsegmented mode.

Range: ut

1. UTLAST (5E11 and later)

Recovery Action: rpi	SPP: y	Audit: null	Audit Mode: null

Problem:

A library supervisor purge of the library client program occurred.

List of Figures

Figure 2-1 : 5ESS® Switch Software Architecture

Figure 2-2 : System Integrity Subsystem Functional Organization

Figure 1 : Direct connection

Figure 2 : Indirect connection