Meridian 1

Software Input/Output Guide

X11 System Messages

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This document has the new NTP number 553-3001-411 and contains error message modules previously contained in International NTPs 553-2311-311 and 553-2301-511 and Book 2 of North American NTP 553-3001-400.

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General

This Nortel Networks technical publication, (NTP), is a reference guide to be consulted when seeking to interpret and respond to an error message. This NTP is applicable to Meridian 1 and Meridian SL-1 switches equipped with Generic X11 software.

The Meridian 1 uses a prompt-response system to establish and alter system configuration. The Meridian 1 also uses a command entry system which allows data administrators to:

- view and print status of switch information
- perform background tests
- disable, enable and test system hardware, such as a particular telephone.

When the data administrator errs in the course of using either system, the Terminal displays an error message. This NTP documents error message meanings.

Format of the Messages NTP

This NTP contains only error messages. Within this NTP, each error message type (for example, SCH) is arranged in alphabetical order by its mnemonic and appears as an individual module. Within each module, error messages appear in numerical order. Individual system messages are codes represented by a three or four letter mnemonic, followed by a four digit number. For example, FHW0005.

The routing of output messages to specific terminals is controlled through the use of message classes. Messages generated during an interactive session are automatically routed to the terminal engaged in the session. Terminals are assigned output message classes through data administration.

Related documentation

Feature description

Feature information is provided in the X11 Features and Services NTP.

Operational testing

Information and instruction regarding the testing of features and services for telephone sets and attendant (ATT) consoles is contained in the X*11 Features and Services* NTP.

Administration Overlays

Information regarding administration overlay programs is provided in the *Input/Output Guide.*

Maintenance Overlays

Information regarding maintenance overlay programs is provided in the *Input/Output Guide.*

ACD: Automatic Call Distribution Load Management

The Automatic Call Distribution (ACD) Load Management feature is used by supervisors to alter the ACD configuration in response to changing traffic loads. Refer to the *ACD Load Managemen*t NTP for details.

The ACD messages are output while load management functions are being performed.

ACD messages

ACD0000 ACD Load Management program is running.

ACD0001 Noisy ACD terminal; disabled since noise threshold exceeded.

ACD0002 Too many invalid characters entered on ACD terminal; disabled since invalid character threshold was exceeded.

ACD0003 Invalid character entered.

ACD0004 Cannot transfer the reported agent to another queue.

ACD0005 Cumulative time-out count exceeded due to slow response of the high-speed link. Traffic is too heavy. Auxiliary processor has difficulty processing the messages.

ACD0006 TTY I/O block pointer for the high-speed link is nil.

Action: Remove the high-speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload.

ACD0007 Pointer to high-speed link data is nil. Take same action as for ADD160.

Action: Remove the high-speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload.

ACD0008	No call register available at this moment. **Action**: If message persists, increase the number of call registers for the customer.
ACD0010	Invalid input character; only blanks allowed.
ACD0011	Input buffer size exceeded; field too long.
ACD0012	Unknown command.
ACD0013	Invalid day; valid range 1 to 31.
ACD0014	Invalid month; valid range 1 to 12.
ACD0015	Invalid day-month combination.
ACD0016	Invalid hour; valid range 0 to 23.
ACD0017	Invalid schedule; valid range 0 to 3.
ACD0018	Invalid day of week; valid range 1 to 7.
ACD0019	Same day cannot be reentered.
ACD0020	Too many digits supplied for DN.
ACD0021	Invalid digits; valid digits are 0 to 9 and *.
ACD0022	Invalid digit; valid digits are 0 to 9.
ACD0023	DN supplied is not a valid ACD-DN.
ACD0024	Invalid RAN time threshold or time-out.
ACD0025	Invalid RAN route.
ACD0026	Invalid threshold values.
ACD0027	Queue overflow destination cannot be itself.
ACD0028	Invalid value of ’T’ in TSF.
ACD0029	Same report option cannot be reentered.
ACD0030	Invalid report option.
ACD0031	DN supplied is not a valid trunk route access code.

ACD0032	Route does not auto-terminate (for SRTA command), or no members for this route (for SRTA & SPRI commands).
ACD0033	Member number out of range.
ACD0034	Invalid member number; for SRTA command it could also mean that the number selected did not have an auto-terminating ACD-DN defined.
ACD0035	Invalid priority value.
ACD0036	No empty position for agent in new queue.
ACD0037	DN supplied is not a valid ACD Position-ID.
ACD0038	Position selected must be an agent, not a supervisor.
ACD0039	An agent position can only be moved to a supervisor position, not another agent position.
ACD0040	Invalid key number.
ACD0041	Key number not reserved for agent position on supervisor's telephone.
ACD0042	Cannot transfer an agent position, currently being observed by its supervisor, to another supervisor.
ACD0043	Command number for library command is out of range (0-99).
ACD0044	Only a list command (LAPA, LATS, LRTA) can be stored in the library.
ACD0045	No message (MSG) call registers are available for sending a library command.
ACD0046	Invalid parameter list for library command.
ACD0047	Too many parameters for storage.
ACD0048	Too many ACD-DN; maximum is 6.
ACD0049	Unable to fulfill request — system error.
ACD0050	Data not available because of initialization.
ACD0051	Request for DTOT is outside of current daily reporting period.
ACD0052	Unable to fulfill request — another report is running.
ACD0053	Invalid input for report number.

ACD0054	No reports requested for DTOT/STOT.
ACD0055	DTOT/STOT only valid for senior supervisor.
ACD0056	High speed link does not exist.
ACD0057	High speed link is down. Codes ACD101-ACD105.
ACD0058	Invalid directory number.
ACD0100	Invalid digit. Valid digits are 0-9, * and #.
ACD0101	TLDD value must be from 10 to 1800.
ACD0102	All ACD-DNs specified for SQ0n must be unique.
ACD0103 DN	The Target ACD-DN (dn) cannot answer TOF calls for this Source ACD-DN because it already services 6 Source ACD-DNs. **Action**: To define the TLDD value remove the affected Target ACD-DN from this Source ACD-DN or from another Source ACD-DN.
ACD0104 DN	When deleting the Target ACD-DN (dn) from a Source ACD-DN with a TOFT value defined, the Source TOF queue address could not be found in the unprotected line block. This may indicate corrupted data (see BUG88) and the Source TOF calls are not terminating to the Target Agents. **Action**: Run the Audit Program (LD 44) and/or perform manual Initialization. If the problem persists, contact your service representative.
ACD0105	The TLDD command is not allowed when the TOF package is restricted. Codes above ACD106 apply to X11, Release 12 and later.
ACD0106	Valid only for ACD Package D services.
ACD0107	The Priority Agent Package (PRI) is not equipped.
ACD0108	This command is only valid with the Load Management package equipped.
ACD0109	Agent Priority is out of range. Ranges: NT and XT = 1-48 All others = 1-32 (This includes RT.)
ACD0115	Command is only valid when ACD Package B is equipped.
ACD0116	Command is not valid for ACD-D customers.
ACD0117	The STOR command was not completed successfully.

ACD0211	Call is in the TOF queue, but the TOF call bit is not set.
ACD0212	Call is not in the TOF queue, but the TOF bit is set.
ACD0213	A Ring Again (RGA) call is in the TOF queue.
ACD0214	A Call Party Recall call is in the TOF queue.
ACD0300	Package for M2216 sets is not equipped.
ACD0301	The message number is out-of-range (0-99).
ACD0302	The distribution list number is out-of-range (0-9).
ACD0303	The entry number is out-of-range (0-9).
ACD0304	Allocate block failed.
ACD0310	Command not available without the NACD package 178.
ACD0311	You cannot use the NITE command with Night Tables defined in NACD.
ACD0312	You cannot use the TLDD command with Day Tables defined in NACD.
ACD0313	Invalid Table name. Only D (Day) and N (Night) are valid.
ACD0314	Input value is out-of-range.
ACD0315	The specified Target table is full.
ACD0316	There are not enough call registers available to send a data base request message to the remote ACD-DN. **Action**: Use the RTRY command to attempt another request.
ACD0317	No transaction ID is available. **Action**: If this command has a REMQ, then it is aborted. Otherwise, use the RTRY command to change the remote data base.
ACD0318	The ISDN Transport layer can not find the D-channel or PNI number. **Action**: If this command has an REMQ, it is aborted. Use the RTRY command to change the remote data base.
ACD0319	The Advance Network package 148 and Network ACD package 178 are required for Targets across the Network.

ACD0320	No Night Table has been defined for this ACD-DN.
ACD0321	No Day Table has been defined for this ACD-DN.
ACD0322	This Target ID does not exist in the table specified.
ACD0323	Only the Senior Supervisor can execute this command.
ACD0324	This ACD-DN does not have any routing tables defined.
ACD0325	You do not have enough memory left to allocate for this routing table.
ACD0326	You cannot define a new Day Table when this ACD-DN still has a TOFT defined.
ACD0327	You cannot define a new Night Table when the NCFW DN is defined for this ACD-DN.
ACD0328	The CWLF or CWLW thresholds cannot be defined or changed unless the NCWL option is set in LD 23.
ACD0329	Commands only accepted when RPRT = Yes.
ACD0330	Commands only valid if EAR package is equipped.
ACD0331	Commands only valid if CCR package is equipped.
ACD0332	That DN is not a valid Control DN.
ACD0333	Invalid input. Expected response is either ON or OFF.
ACD0334	Commands not valid for a CDN.
ACD0336	Cannot change the CNTL option from NO to YES if the VSID for the CDN is not defined.
ACD0337	Cannot change the TSFT option for a CDN with CNTL set to NO.
ACD0338	An ACD DN defined for data service access may not be used as a default ACD DN.
ACD0339	Cannot change the TLDA option for a CDN with CNTL set to NO.
ACD0340	Cannot change the TLDB option for a CDN with CNTL set to NO.
ACD0341	Cannot change the TLDC option for a CDN with CNTL set to NO.

ACD0342	Default ACD DN must be a valid ACD DN.
ACD0343	Command not available without the Supplementary features package 131.
ACD0344	RTQT must be set in range 0-30
ACD0345	To enable FORC please set RTQT to 0 or to enable RTQT please set FORC to no.
ACD0346	DN entered is not a valid MQA ACD DN.
ACD0347	User has entered a duplicate ACD DN for the MQA agent.
ACD0348	Not valid for MQA agent.

ADD: Automatic Call Distribution Data Dump

Automatic Call Distribution (ACD) data is dumped using the ACD Data Dump (ADD) program. ADD is only available when the ACD Auxiliary Data System (ACD-ADS) is equipped. ACD-ADS is documented as a special feature in the *Automatic Trunk Maintenance* NTP.

The ADD program is loaded automatically by the system on receipt of an AUXUP command from the auxiliary processor. The program cannot be invoked manually and, when in use, cannot be aborted. Once loaded, ACD configuration data is sent to the auxiliary processor from the SL-1 through the high-speed link.

ADD messages

ADD0000	ADD Program is running.
ADD0009	Program aborted.
ADD0099	High speed link is down. **Action**: Use Link Diagnostic (LD 48) to check link status.
ADD0100	High-speed link is down.
ADD0101	Re-attempt to get message call register (CR) failed. The SL-1 has run out of call registers. **Action**: Increase the number of call registers (not the number of message call registers).
ADD0102 c	ACD list cannot be found for customer c.

ADD0103 l s c u Terminal Number translation failed.

ADD0104 l s c u Key 0 of the set is not an ACD-DN.

ADD0105 l s c u TN is not equipped.

ADD0150 c No route for customer c.

ADD0151 No trunk number.

ADD0160 Enqueuing to send message failed. Data associated with the high-speed link may be corrupted.

Action: Remove the high-speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload.

ADD0170 AUX did not respond to AUX_M_SIN message.

ADD0180 The chosen release protocol by the AUX is not within the range specified by SL-1.

AMH: Auxiliary Message Handler

The resident Auxiliary Message Handler program is used to communicate with the Automatic Call Distribution Package D (ACD-D) auxiliary processor. Error codes from this resident program are prefixed with AMH. The AMH program is available only when the ACD Auxiliary Data System (ACD-ADS) feature is equipped.

The AMH messages indicate hardware or software faults on the auxiliary processor. The format of these error messages is distinct from that for SL-1 error messages. Refer to the manufacturer's documentation or follow local procedures to determine the action to be taken in response to Auxiliary Processor error messages.

AMH messages

AMH0000 Program Identifier.

AMH0001 Output buffer not empty; counter limit exceeded.

Action: Check Serial Data Interface (SDI) associated with the high-speed link (see LD 48).

AMH0002 High-speed link is down. The SL-1 has declared the link to be no good for transmission of application messages. Usually means the auxiliary processor has difficulty handling the messages.

AMH0003 Cumulative Negative Acknowledgment (NAK) count exceeded due to noisy high-speed link.

AMH0004 The SL-1 and the auxiliary processor are out of synchronization.

Action: Check baud rates of the SDI for the high-speed link and high-speed link port on the auxiliary processor. Check high-speed link cable.

AMH0005 Cumulative time-out count exceeded due to slow response of the high-speed link. Traffic is too heavy. Auxiliary processor has difficulty processing the messages. This message occurs when 10 or more timeouts have occurred on Acknowledgments (ACK) from the AUX in a 30 minute period. The time-out counter is reset every 30 minutes. Timeout is an appropriate ACK not received within normal 2 second period. (True time-out period may very from 0.001 to 21.99 seconds.) Timeouts greater than 22 seconds will cause the link to drop with an AMH002 message.

AMH0006 TTY I/O block pointer for high-speed link is nil. Take same action as for ADD160.

Action: Remove the high-speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload

AMH0007 Pointer to high-speed link data is nil.

Action: Remove the high speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload.

AMH0008 No call register available at this moment.

Action: If message persists, increase the number of call registers for the customer.

AMH0009 MGCR threshold exceeded; message dropped.

AMH0010 The SL-1 System ID does not match the AUX ACD_D disk directory.

AMH0011 The AUX could not select a release protocol from the high and low specified by the SL-1.

AMH0200 Warning: the process of transferring data from the output buffer in memory to the output data register on the SDI card locked once but is now recovered.

AML: Application Module Link (LD 48)

An Application Module Link (AML) connects the Meridian 1 with applications such as Meridian Mail, Meridian Link and CCR. These links are provided by Enhanced Serial Data Interface (ESDI) or Multi-purpose Serial Data Interface (MSDL) cards.

LD 48 is used to maintain these links. AML messages are output to indicate command error and status conditions on these links.

AML messages

AML0001 x	ESDI: To enable CSL, ESDL has to be in "BUSY" state. Where x= AML number in decimal.
AML0002 x	ESDI/MSDL: For SWCH AML n1 n2 command, both links should belong to the same VAS. Where x= AML number in decimal.
AML0003 x	ESDI/MSDL: For SWCH AML n1 n2 command, n2 should be in the STANDBY state. Where: x=AML number in decimal.
AML0004 x	No VAS ID exists for the given AML. Therefore layer seven cannot be enabled. Where: x= AML number in decimal.
AML0005 x	ESDI/MSDL: For SWCH AML n1 n2 command, n1 should be in the ACTIVE state. Where: x= AML number in decimal.
AML0006 x	ESDI/MSDL: There is no response to polling message. Where: x= AML number in decimal.

AMLM: Application Module Link Maintenance (LD 48)

An Application Module Link (AML) connects the Meridian 1 with applications such as Meridian Mail, Meridian Link and CCR. These links are provided by Enhanced Serial Data Interface (ESDI) or Multi-purpose Serial Data Interface (MSDL) cards.

LD 48 is used to maintain these links. AMLM messages are output to indicate command error and status conditions on these links.

AMLM messages

AMLM0001 x — Illegal card type on AML x. Only ESDI or MSDL cards are allowed.

AMLM0002 x — For SMLP command, both ports must be in the loop back mode.

Action: Issue CNFG command first.

AMLM0003 x — The address of the ESDI status register on AML x is corrupt.

AMLM0004 x — For SMLP command both ESDI ports must be in IDLE state.

AMLM0005 x — Call-register timeout not supported for MSDL AML.

AMLM0006 x — Automatic Set Up command not supported for MSDL AML x.

Action: For MSDL AML, first ensure the MSDL AML auto recovery is turned ON. Next enable the link using ENL AML #. This will enable, establish and enable the layer 7 for the MSDL AML.

AMLM0007 x — AML background AUDIT not supported for ESDI AML.

AMLM0008 — Both of the MSDL AML links must be in the disabled state. Then the stimulation loop back command can be issued.

AMLM0009	Loop back from ESDI to MSDL or MSDL to ESDI not allowed.
AMLM0010 x	The MSDL AML command request is rejected since link x is already disabled.
AMLM0011 x	The MSDL AML command request is rejected, since link x is already established.
AMLM0012 x	The MSDL AML command request is rejected, since link x is already released.
AMLM0013 x	The MSDL AML command request is rejected, since link x is already enabled.
AMLM0014 x	The MSDL AML command request is rejected, since link x is in process of self test.
AMLM0015 x	The MSDL AML command request is rejected, since link x is in process of establishing.
AMLM0016 x	The MSDL AML command request is rejected, since link x is in process of releasing.
AMLM0017 x	The MSDL AML command request is rejected, since link x is in process of disabling.
AMLM0018 x	The MSDL AML command request is rejected, since link x is in process of loadware downloading.
AMLM0019 x	The MSDL AML command request is rejected, since link x is in process of auditing.
AMLM0020 x	The MSDL AML command request is rejected, since link x is in the disable state. First use the ENL AML # command.
AMLM0021 x	The MSDL AML command request is rejected, since link x is not in the disable state. First use the DIS AML # command.
AMLM0022 x	The ESDI AML or MSDL AML command is rejected since it is not allowed at this point.
AMLM0023 x	Data corruption. The ESDI AML IO priority number is corrupted on AML x.
AMLM0024 x	There is no response from the ESDI card. The ESDI hardware may not be equipped.
AMLM0025 x	Error: ESDI in permanent interrupt.
AMLM0026 x	For ESDI self test, the port under test should be in IDLE state and the other port of the ESDI card, if defined should be in the DISABLE state.

AMLM0027 x The MSDL AML request is rejected, since the MSDL card is not operational.

AMLM0028 x Warning: AML x is disabled and will not recover. This is regardless of the fact that the AML auto recovery was previously turned to the ON mode. The MSDL AML loadware requested to disable the link, and since this type of disable is not recoverable, the Meridian 1 will disable the link and will not attempt to recover.

Action: You must manually enable the AML link to bring the link up again.

AMLM0029 Warning: The AML is disabled and will not recover, since the MSDL AML background AUDIT failed to recover from the failure. This is regardless of the fact that the AML auto recovery was previously turned to the ON mode.

Action: You must manually enable the AML link to bring the link up again.

AMLM0030 The reset command is not supported for the ESDI AML. The command is only supported for MSDL AML.

AMLM0031 The reset command is allowed only when the link is established, and no pending link tasks are queued.

AMLM0032 Since the link is resetting the outgoing AML command is not executed.

Action: Wait until the link reset activity is terminated, and then try the command again.

AMLM0033 Warning: The AML went into an audit. After the audit it was determined that the link should recover to the disable state. If the auto recovery is turned ON, then regardless of it, the AML will remain in the disable state and will not attempt to recover.

Action: The craftperson should manually bring the link up.

ATM: Automatic Trunk Maintenance (LD 92)

The Automatic Trunk Maintenance (ATM) program tests TIE, CSA, WATS, FEX, DID and COT trunk groups automatically each day, at times scheduled in the ATM Schedule Block. The ATM program also allows the manual testing of trunks.

ATM messages

ATM0000	Program identifier.
ATM0001	No schedule block exist.
ATM0002	No schedule block for this hour.
ATM0003	ATM aborted because it cannot perform far to near test.
ATM0004	User specified reference trunk does not meet loss criteria for reference trunk.
ATM0005	Illegal input character
ATM0006	Loop out-of-range
ATM0007	Shelf out-of-range
ATM0008	Terminal Number translation (TNTRANS) failed on Tone Detector
ATM0009	No Tone Detector available to proceed onward.
ATM0010	No Tone Detector is defined in the data base, or Tone Detector failed self-test
ATM0011	Missing ATM route data
ATM0015	ATM got wrong loop message.

ATM0016	Tone detector is not maintenance busy when it should be, the system sets it.
ATM0018	User specified reference trunk is not available.
ATM0020	Given trunk is unequipped.
ATM0041 c	Customer c does not exist.
ATM0042 c	Customer number c is out-of-range.
ATM0051 c r	Customer c, Route r does not exist.
ATM0052 c r	Customer c, Route r has no member.
ATM0053 c r	Customer c, Route r has no ATM data.
ATM0054 c r	Cannot find any reference trunk for customer c, route r to perform near to far test.
ATM0055 c r	Customer c, Route number r is out-of-range.
ATM0056 c r	Member number is out-of-range for customer c, route r.
ATM0057 c r	Member number is not defined for specified customer c, route r.
ATM0058 c r	ATM aborted because this customer c, route r has FEDC equal to FEC.
ATM0059 c r	For ATMU and ATMC commands, the test and reference trunk units cannot be the same.
ATM0071 c r m	Missing active call register during test of customer c, route r, member m, most probably because far-end on-hook.
ATM0201	Last command is still in progress.
ATM0202	Invalid argument(s).
ATM0203	Invalid command.
ATM0204	Loop for first TN is out-of-range.
ATM0205	Loop for second TN is out-of-range.
ATM0206	Loop type for first TN is not supported by ATM.
ATM0207	Loop type for second TN is not supported by ATM.
ATM0208	Shelf for first TN is out-of-range.

ATM0209	Shelf for second TN is out-of-range.
ATM0210	Card for first TN is out-of-range.
ATM0211	Card for second TN is out-of-range.
ATM0212	Card for first TN does not exist in the data base.
ATM0213	Card for second TN does not exist in the data base.
ATM0214	Card type for first TN is not a trunk.
ATM0215	Card type for second TN is not a trunk.
ATM0216	Unit for first TN is out-of-range.
ATM0217	Unit for second TN is out-of-range.
ATM0218	Unit for first TN does not exist in the data base.
ATM0219	Unit for second TN does not exist in the data base.
ATM0220	Unit trunk type for first TN is not supported by ATM.
ATM0221	Unit trunk type for second TN is not supported by ATM.
ATM0222	Channel for first TN is out-of-range.
ATM0223	Channel for second TN is out-of-range.
ATM0224	Loop and Channel for first TN is invalid.
ATM0225	Loop and Channel for second TN is invalid.
ATM0226	Channel for first TN does not exist in the data base.
ATM0227	Channel for second TN does not exist in the data base.
ATM0228	Channel for first TN is not configured as a trunk.
ATM0229	Channel for second TN is not configured as a trunk.
ATM0230	Specified TNs not for same customer.
ATM0231	Specified TNs not for same route.
ATM0232	Loop for first TN does not exist in the data base.

ATM0233 Loop for second TN does not exist in the data base.

ATM0235 Loop for first TN is not a superloop.

ATM0236 Loop for second TN is not a superloop.

ATM0240 TDET is restricted. Disk does not have Tone Detector package 65 enabled.

ATM0241 TN/Route tested is not an ADM TN/Route.

ATM0242 RETEST. For TNs in IDLE_STATUS and ABRT_RESULT.

ATM0301 l s c u x y The specified Tone Detector has failed testing due to faulty operation or lack of response. x and y indicate the mode and test that failed.

ATM0302 The specified tone detector cannot be used by ATM because it was unable to perform the self-test.

ATM0304 No tone and digit switch is available for tone detector testing.

AUD: Software Audit (LD 44)

LD 44 monitors system operation and provides an indication of the general state of system operation. The program is concerned with the system software. When a software problem is encountered, the program attempts to clear the problem automatically.

Audit messages are not to be interpreted as hardware faults though certain codes can indicate hardware-related problems. Ignore the audit outputs for normal system maintenance, when classifying and isolating faults. When audit outputs are excessive or continue to occur, the problem must be reported.

*CRINFO = Any Call Register (CR) information that follows an AUD message consists of: CR pointer, the progress mark word, and the originating and terminal numbers contained in the CR (4 words in total).

AUD messages

AUD0000 One pass made by audit. No errors detected. System software OK. No action to be taken.

AUD0001 An attendant CR pointer is pointing outside the Call Register (CR) range. Source list or destination pointer set to nil. Terminal Number (TN), CR information, attendant loop and progress mark are output.

AUD0002 Attendant CR pointer is pointing to CR which does not contain its TN. Source list or destination list set to nil. TN, CR information attendant loop and progress mark are output.

AUD0003 Station active Call Register pointer is outside CR range. Active CR pointer set to nil. TN, CR information and progress mark are output.

AUD0004 Digitone receiver is pointing to CR which does not contain its TN. Active Call Register of Digitone receiver set to nil. TN, CR information and progress mark are output.

AUD0005 Station (line, trunk) pointing to CR which does not contain its terminal number. Active Call Register set to nil. TN, CR information and progress mark are output.

AUD0006 Given queue has incorrect block length. Length in queue block is corrected.

AUD0007 Given block was found in queue but QUEUE UNIT block pointer was incorrect. Queue is corrected. Block pointer, type, queue.

AUD0008 Conference pointer is pointing to CR outside of CR range. Conference pointer is set to nil. CR information, conference loop, conference slot and progress mark are output.

AUD0009 Conference pointer is pointing to CR which does not contain its conference loop, time slot or TN. Conference pointer is set to nil. CR information, conference loop, conference slot and progress mark are output. If repeated, fault may be in conference card.

AUD0010 Conference pointer is pointing to CR which does not have originating type as conference.

Action: Contact your technical support group. TN, CR information and progress mark output. If repeated, fault may be in the conference card.

AUD0011 End pointer of queue not pointing to last CR in the queue. Relink. Head pointer, end pointer and queue output.

AUD0012 Link queue contains CR with its CR link outside of CR range. Relink. Head pointer, CR link, queue output.

AUD0013 The Call Register queue HEAD_PTR is not within the valid Call Register range. The queue will be rebuilt as an empty queue. QUEUE_BLOCK_PTR, HEAD_PTR, CRSTART, CREND, QUEUE.

AUD0014 Call Register not in expected queue. Link into queue. CR information, queue and progress mark output.

AUD0015 Trunk block contains incorrect TN. Correct TN.

AUD0016 CR should be unlinked. Unlinks CR. CR information and progress mark output.

AUD0017 Network even map is not the same as the network even audit map. Network map has been updated to match audit map. No action required. Output: Loop, network even map, and network even audit map.

AUD0018 Network odd map is not the same as the network odd map. Network map has been updated to match audit map. No action required. Output: Loop, network odd map, and network odd audit map.

AUD0019 Network audit indicates time slot is not in use but network memory is marked busy. Time slot is marked idle. Output: Slot address and memory contents are output. If AUD019 is repeated, particularly without AUD017 and AUT018, the fault could be in the Peripheral Signalling card.

Action: Check the Peripheral Signaling card.

AUD0020 Attendant loop is greater than the allowable maximum of five.

Action: Contact operating company. CR information and progress mark output.

AUD0021 TN in CR does not have pointer to this CR. TN in CR cleared. CR information and progress mark output.

AUD0022 CR for Recorded Announcement (RAN) trunk is used with incorrect TN. CR is idled.

AUD0023 Digitone receiver still attached even though progress mark not ready or dialing. Digitone receiver made idle. CR information and progress mark output.

AUD0024 CR contains invalid Digitone receiver TN. Digitone receiver TN in CR cleared. CR information and progress mark output.

AUD0025 Entering debug mode on encountering error condition.

AUD0026 Circular link queue. Relinked. Queue is output.

AUD0027 Invalid AUXPM in Call Register. Call register information is output. The Call Register is idled.

AUD0028 Call Register (CR) has no pointer to it. The CR has been released. No action required. Output: CR information, TN and progress mark

AUD0029 Bad TN in CR. No action. Contact operating company. CR information, TN and progress mark output.

AUD0030 Call Register has type AIOD (Automatically Identified Outward Dialing) but CR is not in AIOD queue. CR is idled. CR information is output.

AUD0031 Junctor map is not the same as the junctor audit map. Junctor map is corrected. Junctor group, junctor map and junctor audit map are output.

AUD0032 Junctor audit indicates a timeslot is idle but the junctor memory is marked busy. Time slot is marked idle. Junctor address and memory contents are output.

AUD0033 Circular list of auxiliary Call Registers is broken. All known CR in the list are idled including the father CR. CR information, auxiliary CR ID, Process Type and Pointer to next auxiliary are output for each CR idled.

AUD0034 An auxiliary ARS Call Register points to a main Call Register which has an illegal main PM. The auxiliary CR is idled. CR information for the main CR and the auxiliary CR are output.

AUD0035 End of Call Detail Recording (CDR) queue reached without finding a CR for the port but the port pointer is not END_OF_QUEUE. The port pointer is set to END_OF_QUEUE. Port number is output.

AUD0036 The port is not a CDR port but the port pointer does not point to END_OF_QUEUE. The port pointer is set to END_OF_QUEUE. Port number is output.

AUD0037 The CDR queue is broken. The port pointer is set to the start of the CDR queue. Port number is output.

AUD0038 The first CR for a CDR port number has been found but the port pointer does not point to it. The port pointer is made to point to the CR. Port, CDR customer are output.

AUD0039 A CDR CR has invalid port bits set in the CR. Invalid bits are cleared. Port, CDR customer are output. Customer Data Block (CDB) should be checked for errors in data.

AUD0040 A CDR CR has been found with no port bits set while Auditing a port queue. The CR is idled. Output: port, CDR customer.

AUD0041 The successor of an RGAT CR has a higher priority than the CR itself. Successor priority is set to the CR priority. Output is 4 pairs of numbers, the first referring to the CR, the second to the successor. The pairs are RGAT priority, RGA_PM, ORIGTN and CR address.

AUD0042 Terminal does not match TN in Call Register. Terminal CR information output. RLA pointer pointing to the CR is cleared.

AUD0043	RLA Call Register pointer is not in Call Register range. Output: RLA_CR_PTR, CR information. RLA CR pointer is cleared.
AUD0044	CR with main Progress Mark of RLA_CONF_DISC found. Output: CR info. CR is idled.
AUD0045	RLA Call Register is found, but there are no pointers in the RLA block to this Call Register. Output: CR information. CR is idled.
AUD0046	Unable to TNTRANS RLA TN. Output: TN, CR information. CR is idled.
AUD0047	A talk slot is set in the Call Register but the RLA_CONF_TN is set in the RLA block while the pointer to the CR is RLA_INFO. Output: CR information. Talk slot is idled.
AUD0048	Either the originating or terminating TN is not set in an RLA CR with a talk slot. Output: CR information. Talk slot idled.
AUD0049	Unable to find protected loop block for Tone Detector (TD) slot in RLA CR. Output: TD SLOT and CR information.
AUD0050	Protected loop block found via TD slot in RLA Call Register but loop type is not TD loop. Output: PLOOP block, loop type, TD slot and CR information.
AUD0051	Protected loop block found via TD slot in RLA CR but ULOOP block pointer is nil. Output: PLOOP block, loop type, TD slot and CR information.
AUD0052	TD slot set in RLA CR but no valid TN can be found. Output: TD slot and CR information. CR is idled.
AUD0053	Unable to find the father CR for this CED son: this son CR is idle.
AUD0054	Main PM is CAS_INFO_TONE but the RLA_INFO pointer in the RLA block is not pointing to this Call Register. Output: CR information. CR is idled.
AUD0055	The main PM is neither ringing nor established but the pointer in the RLA block to this RLA Call Register is not RLA_DEST. Output: CR information. CR is idled.
AUD0056	Nil pointer to ACD_LIST or U_ACD_BLOCK. Output: Customer and ACD_LIST_PTR.
AUD0057	Queue ID of Automatic Call Distribution (ACD) queue is not ACD. Output: Customer, U-ACD-BLOCK-PTR, ACD queue type and queue ID. Queue ID corrected.

AUD0058	End pointer of ACD queue does not point to the last CR in the queue. Output: Customer, U_ACD_BLOCK_PTR and ACD queue type.
AUD0059	Queue length in ACD queue block differs from number in queue. Output: Customer, U_ACD_BLOCK_PTR and ACD queue type. Queue length corrected.
AUD0060	ACD queue contains CR with pointer out of CR range. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR link. ACD queue terminated at this CR.
AUD0061	QUEUE-IN of CR in ACD queue is not ACD. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and QUEUE_IN. QUEUE_IN corrected.
AUD0062	CR in given ACD queue but AUXPM does not match. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR information. AUXPM corrected.
AUD0063	Invalid ACD AUXPM. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR information. CR idled.
AUD0064	ACD CR has son CR but it is not a RAN CR. Output: CR information for son CR and father CR. Son CR is idled.
AUD0065	DNTRANS for ACD Call Register failed. Unable to find correct queue. Output: CR info, DIGIT_WORDS 0 . CR idled.
AUD0066	Nil pointer returned from DNTRANS for ACD CR. Unable to find correct queue. Output: CR info, DIGIT_WORDS 0 .
AUD0067	CR found in main ACD queue. Output: CR information. Call Register is idled.
AUD0068	ACD block linkage broken. Output: Customer and ACD index.
AUD0069	ACD CR not in correct queue. Output: CR information. CR linked into queue according to the AUXPM.
AUD0070	CR found with MAINPM_SPECIAL while process is ACD_RAN_PROCESS. Output: CR information. CR idled.
AUD0071	CR found with MAINPM_SPECIAL and invalid process. Output: CR information. CR idled.
AUD0072	Attendant terminal in CR has no pointer to this CR. CR was being used for special function. Output: CR information. CR idled.
AUD0073	Digit display CR with MAINPM_SPECIAL but not in 2 s queue. Output: CR information. CR idled.

AUD0074	TTR attached when no TTR should be present. Output: CR information and TTR-TN. TTR is idled.
AUD0075	Trunk detected in half-disconnect state but no timing is active on the CR.Output: CR information, Trunk TN and TRUNKPM. Release message sent to trunk, active CR set to nil, TN in CR cleared.
AUD0076	Music trunk has a bad Call Register in active CR. Output: CR information. The active CR is cleared.
AUD0077	Music CALLREG has a bad conference TN. Output: CR information. The Call Register is idled.
AUD0078	Music CALLREG has a bad AUXPM. Output: CR information. The Call Register is idled.
AUD0079	Music on hold has improper CALLREG. Output: CR Information. The Call Register is idled.
AUD0080	Music dialed connection has improper CALLREG. Output: CR information. The Call Register is idled.
AUD0081	Music source has improper CALLREG. Output: CR information. The Call Register is idled.
AUD0082	Message Call Register is not in the expected queue (.QU_AUX_HSOP or .QU_AUX_HSIP). Output: Call Register information.
AUD0083	Wandering message Call Register. Output: Call Register information.
AUD0084	Call Register in cadence queue was found to contain no originating party. Any ringing will be removed from the terminating party and the Call Register will be idled.
AUD0085	CR in attendant queue has AUXCR not equal to RAN_RAN_PROCESS: CR information and queue.
AUD0086	No wanted party call present for Break-In. Break-In bit in CONLOOP reset. Output: CR Information.
AUD0087	No attendant-destination CR found for Break-In feature. Console restored to state prior to Break-In. Output: CR Information.
AUD0088	Break-In CONLOOP reset.

AUD0089 Break-In indicated but no active attendant and loop. Console returned to state prior to Break-In. Output: CR Information.

AUD0090 CED son CR contains invalid digitone receiver TN. Digitone receiver TN in CR cleared. CR information and Digitone Receiver TNs (orig leg/ter leg) are printed.

AUD0099 Invalid MAINPM. Output: CR information. CR is idled.

AUD0200 Invalid ORIGTN in Group Call (except conference circuit.) Warning message. CR information is output.

AUD0201 No Group Call customer data. Idle CR information and customer number are output.

AUD0202 No unprotected Group Call data. Warning message. Customer number and group number are output.

AUD0203 CR has no pointer to Group Call data. Set GRP_ULPTR in CR. CR information, new ULPTR and old ULPTR are output.

AUD0204 CR number does not match GRP_CALL_CRPTR position.

Action: Set new CR_NO. CR information, new CR_NO, old CR_NO are output.

AUD0205 Group Call ORIG_BIT has incorrect information.

Action: Set GRP_ORIG bit in CR. CR information is output.

AUD0206 Group Call busy bit not set.

Action: Reset busy bit only in ORIG call. CR information is output.

AUD0207 Cannot find group data pointer in CR.

Action: Reset Group Call data in CR. CR information, OLD_ULPTR are output.

AUD0208 **Action**: Reset Group Call data in CR. CR information is output.

AUD0209 **Action**: Reset one group member in Group Call. Reset group data in CR and member data. CR information and member number are output.

AUD0210 No father CR for the NFCR process.

AUD0211 AUXCR of NFCR process not in CR range.

AUD0212 Invalid main PM for NFCR process.

AUD0213 A Ring Again call is in the TOF queue.

AUD0214	ORIG timer type is invalid and has been corrected as indicated: CRPTR CRWORD(0) BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE or TIMING_BLK_PTR TN BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE.
AUD0215	TER timer type is invalid and has been corrected as indicated: CRPTR CRWORD(0) BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE or TIMING_BLK_PTR TN BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE.
AUD0216	Call Register/timing block does not belong in this queue and has been removed. CRPTR CRWORD(0) BLOCKTYPE QUEUE_IN or TRK_TIMING_PTR TN BLOCKTYPE QUEUE_IN.
AUD0217	USTM CR was not in the low priority 2 second queue. It will be linked to the queue. CRPTR CRWORD(0) BLOCKTYPE QUEUE_IN.
AUD0218	USTM CR in the low priority 2 second queue has a bad ORIGTN. The CR will be idled. *CRINFO
AUD0219	Only trunk calls can be USTM timed. The CR will be idled. *CRINFO
AUD0220	The ORIGTYPE of the USTM CR was not a trunk. It will be corrected. *CRINFO ORIGTYPE
AUD0221	USTM_TIMING_CR in the trunk block does not point to the correct USTM CR. It will be corrected. *CRINFO USTM_TIMING_CR
AUD0222	An invalid USTM CR was encountered. The CR will be idled. *CRINFO USTM_TIMING_CR
AUD0223	No more USTM timing is required on this trunk. The timing will be terminated. *CRINFO
AUD0300	Invalid son type.
AUD0301	Signaling son register with invalid main PM in the Call Register.
AUD0302	Invalid testline type or index in CR.
AUD0303	CR not in customer data block.
AUD0304	Invalid testline PM in CR.
AUD0305	Invalid state type combination.
AUD0306	Invalid TN type for testline call.

AUD0307 TN's active CR does not point to CR.

AUD0308 DLI Channel was idled as a result of the network map Audit TERMINAL TN, GROUP/LOOP, DLI_CHANNEL (1-24)

AUD0309 DLI Channel used for CSL was found idle. Channel is forced to BUSY status. GROUP/LOOP

AUD0310 DLI Channel with DISABLED or MAINTENANCE-BUSY status was found idle. Channel is forced to BUSY status. GROUP/LOOP, DLI CHANNEL (1-24)

AUD0311 DLI Channel assignment data is inconsistent. Channel found BUSY is forced to IDLE status. GROUP/LOOP, DLI CHANNEL (1-24)

AUD0312 Assigned DLI Channel was found idle. Channel is forced to BUSY status. TERMINAL TN, GROUP/LOOP, DLI_CHANNEL (1-24)

AUD0313 Invalid screen state on M3000 TOUCHPHONE in dialtone queue. The valid state is DIALTONE state or CONFERENCE/TRANSFER/DIALTONE state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE

AUD0314 Invalid screen state on M3000 TOUCHPHONE in ringing queue when transfer indication is set. The valid state is TRANSFER RINGBACK or CONFERENCE RINGBACK state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE

AUD0315 Invalid screen state on M3000 TOUCHPHONE in ringing queue when transfer indication is not set. The valid state is RINGBACK state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE. This applicable on all phases.

AUD0316 DLI channel was still assigned to a station after the channel was either idled or reassigned. The assignment was cleared. BCS station TN, group/loop, DLI channel number (1-24).

AUD0317 A BCS station has an out-of-range channel assignment (greater than 24) probably due to data corruption of the unprotected BCS unit block. The assignment was cleared. BCS station TN, group/loop, DLI channel number (1-24).

AUD0318 DATA Target TOF queue pointers to source TOF queue are incorrect. No action required, error has been corrected. Output data: Customer number, target and source ACD-DN.

AUD0319 LLC BLKING or LLC BLKING VAL is corrupted.

AUD0320 Target ACD-DN already answering calls for the maximum amount of source queues. Customer, Target ACD-DN, Source ACD-DN; No action required.

AUD0321 Cannot set ACD pointers for ORIGTN in the Idle Agent Queue.

Action: Take CR out of the Idle Agent Queue.

AUD0322 Although the priority is set in the Call Register, there is no pointer to the Priority Agent Table in the Unprotected Data for the ACD data block.

Action: Clear the Agent Priority in the CR. {Priority in CR} {Agent's Priority} {ACD-DN}

AUD0323 The Priority set in the Agent's block does not match the Priority in the Call Register for the Idle Agent Queue. {CR Priority} {Agent Block Priority} {Cust No} {ACD-DN}

AUD0324 The Priority Agent's Call Register is in queue, but the pointer for that priority in the Priority Agent Table equals END_OF_QUEUE.

Action: Take the CR out of the Idle Agent Queue and put back in the proper place. {Priority} {Customer No} {ACD-DN}

AUD0325 The Priority Agent's CR is in queue, but the pointer for that priority in the Priority Agent Table does not point to the last Call Register of that priority.

Action: Update the pointer in the priority agent table to point at the last CR of that priority. {Priority} {Customer No} {ACD-DN}

AUD0326 Account Call Register found, but the package is not enabled. AUXPM OF .ACD_ACNT_ENTRY, BUT .ACD_ACCT_PKG RESTRICTED *CRINFO.

Action: Darken ACNT lamp, idle CR and clear pointer in agents block.

AUD0327 ORIGTN of Account CR is not an ACD AGENT. *CRINFO.

Action: Darken ACNT lamp, idle CR and clear pointer in agents block.

AUD0328 Agent is not active on an ACD call. *CRINFO.

Action: Darken ACNT lamp, idle CR and clear pointer in agents block.

AUD0329 Account Key is not allocated to ACD set corresponding to Account Call Register. ORIGKEY in the ACNT CR is not an ACNT key. *CRINFO.

Action: Idle CR and clear pointer in agents block.

AUD0330 Account key is found to be in an improper state. The ACNT key is dark, but NO_ACT_CODE_ENT is .TRUE. *CRINFO.

Action: Clear the NO_ACT_CODE_ENT field in agent's block.

AUD0331 An FGD auxiliary Call Register is associated with an incoming FGDT trunk, but the trunk does not recognize this Call Register as its auxiliary CR. The FGD auxiliary CR is idled. Output data is AUX_FGD_CRINFO, FGD_TN, FGD_AUX_CR (address of CR and FGD fields in the AUX Call Register).

AUD0332 DATA An FGD auxiliary Call Register is associated with a terminal that is not an incoming FGDT trunk. The FGD auxiliary CR is idled. Output data is AUX_FGD_CRINFO, FGD_TN, FGD_AUX_CR (address of CR and FGD fields in the aux Call Register).

AUD0334 Call Register found in main APL output queue. Call Register is idled. APL_NO, LINK_NO:CRPTR, CRWORD 0 - 3, *IMS_MSG

AUD0335 An APL Call Register is floating around. Call Register is idled. APL_NO, LINK_NO:CRPTR, CRWORD 0 - 3, *IMS_MSG

AUD0336 QUEUE_ID of Call Register in APL output queue is not APL. QUEUE_ID is corrected. APL_NO, QUEUE_ID

AUD0337 The end pointer in APL output queue is not pointed to the last element in the queue. END_PTR is reset to point to the last element in the queue. APL_NO, LINK_NO:ENDPTR, CRWORD[0 -3], *IMS_MSG

AUD0338 Queue length in APL queue block differs from number in queue. Queue length corrected. APL_NO, LINK_NO:ENDPTR, CRWORD[0 -3], *IMS_MSG.

AUD0339 Queue contains CR with pointer outside of CR range. The queue is terminated at the previous block. APL_NO, LINK_NO:PROCESSINGPTR, CRWORD[0 -3], IMS_MSG.

AUD0340 QUEUE_IN of APL CR is not APL. Reset QUEUE_IN to APL queue id. APL_NO, LINK_NO:PROCESSINGPTR, CRWORD[0 -3], *IMS_MSG.

AUD0341 For empty queue, processing pointer is not equal to END_OF_QUEUE.

Action: Reset processing pointer to END_OF_QUEUE. APL_NO, PROCESSINGPTR, QUEUE_PTR.

AUD0342 For empty queue, end pointer is not pointing back to queue data block.

Action: Reset end pointer to END_OF_QUEUE. APL_NO, ENDPTR, QUEUE_PTR

AUD0354	Status update PM out-of-range.
AUD0355	No ACD CR is associated with the main CR for telset messaging CR. *CRINFO
AUD0360	LINK_Q_HDR is NIL (IMS package restricted), but APL port is configured.
AUD0364	ACD Call Register has son Call Register but is neither a RAN nor a call park recall.
AUD0367	No father Call Register linked to parked son CR. *CRINFO, PARKPM, CALL PARK ACCESS ID, PARKING PARTY TN, RECALL_ATTN_INDEX Son CR is idled.
AUD0368	No son register linked to parked father CR. Son CR is idled. *CRINFO
AUD0370	Data base of Server {VAS ID} cannot be audited. The Command and Status Link to the Server is disabled. {VAS ID} Note: parameters in decimal.
AUD0371	Data base audit of Server {VAS ID} is stopped due to error when sending AUDIT CSL message on SL-1. {data element id} identifies the data element being audited when the message was sent. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0372	Data base audit of Server {VAS ID} is stopped when auditing given data element. There was no response from the Server to the SL-1 audit CSL messages. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0373	Data base audit of Server {VAS ID} is stopped by the Server audit program. {VAS ID} {cust no} Note: parameters in decimal.
AUD0374	Error in the Server {VAS ID}'s data base for the given SL-1 administered data element was detected. The data has been added or modified. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0375	Server {VAS ID} audit removed given SL-1 administered data element from the Server's data base. The data element does not exist in the SL-1 data base. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0376	Error has been detected in the SL-1 data base for the given Server administered data element. The data has been added or modified. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0377	SL-1 audit removed given Server administered data element from the SL-1 data base. The data does not exist in Server {VAS ID}'s data base. {VAS ID} {cust no} {data element id} Note: parameters in decimal.

AUD0378 Data base audit of Server {VAS ID} is stopped because there were not enough Call Registers available. {VAS ID} Note: parameters in decimal.

AUD0379 ADDON_LINK of addon in the idle queue is not within the valid add-on range. The queue will be ended at the last valid addon. (Generic X08). LAST ELEMENT, ADDON_LINK, QUEUE

AUD0380 HEAD_PTR of the idle addon queue is out of valid addon range. The queue will be treated as an empty queue (X08). QUEUE_BLOCK_PTR, HEAD_PTR, CR_ADDON_START, CR_ADDON_ENQUEUE.

AUD0381 Call Reference # does not match in U_CREF_TAB. Call Register being audited was pointing to an addon that was either in the idle queue or was not pointing back to this Call Register.

AUD0389 The Agent's CR is not ordered correctly according to its priority in the Idle Agent Queue.

Action: Take the CR out of the Idle Agent Queue and put it back in the proper order. {Priority} {Customer No.} {ACD-DN}

AUD0390 Data base mismatch has been detected in Server {VAS ID}'s data base for the given SL-1 administered data element. The error cannot be repaired by Audit.

Action: The craftsperson should load the appropriate Overlay program and remove the data. {VAS ID} {cust no} {data element id} Note: parameters in decimal.

AUD0391 Data base mismatch has been detected in the SL-1's data base for the given Server {VAS ID} administered data element. The error cannot be repaired by Audit.

Action: The craftsperson should use the appropriate Server Administration program to remove the data. {VAS ID} {cust no} {data element id} Note: parameters in decimal.

AUD0392 MSG CRin the UNP. Trunk block is nil, but active CR is not nil.

AUD0393 MSG CR in the UNP. Trunk block is not nil, but active CR is nil.

AUD0394 MSG CR and active CR in the UNP. Trunk block is nil, but active CR in the call reference table is not nil.

AUD0395 MSG CR & active CR in the UNP. Trunk block is not nil, but MSG CR in the call reference table is nil.

AUD0396 MSG CR in the call reference table is nil, but U_CALL_REF_# is not zero.

AUD0397 MSG CR in the call reference table is not nil, but U_CALL_REF_# is zero.

AUD0398 TNTRANS failed when MSG_CR = NIL.

AUD0399 MSG_CR = NIL, but active CR = NIL.

AUD0400 CREF_MSG_CR = NIL & C_CALL_REF = 0.

Action: Run Audit again. You may need to run Audit several times until AUD400 no longer appears.

AUD0401 Radio paging son Call Register in meet-me queue has no father. Call Register will be removed from the queue. RPA_SON_INFO.

AUD0402 Radio paging father Call Register has no son in meet-me queue. The paging trunk will be idled. RPA_FATHER_INFO.

AUD0403 Radio paging father Call Register has mainpm = .ringing but the auxpm of the son is not rpa_recall_attn. RPA_FATHER_INFO RPA_SON_INFO.

AUD0404 The trunk in the tertn of the son Call Register is not a radio paging trunk. The trunk will be idled. RPA_FATHER_INFO.

AUD0405 The trunk in the tertn of the son Call Register has an invalid system type for radio paging. The trunk will be idled. RPA_FATHER_INFO.

AUD0406 The trunk in the tertn of the son Call Register has a non existent route number. The trunk will be idled. RPA_FATHER_INFO ROUTENO RPA_SON_INFO.

AUD0407 The trunk in the tertn of the son Call Register is invalid. RPA_FATHER_INFO RPA_SON_INFO.

AUD0408 The tertn of the son Call Register is not a trunk. A normal station-to-station call will be established with the origtn and tertn in the father Call Register. RPA_FATHER_INFO RPA_SON_INFO.

AUD0409 The rpa_paged_dn in the father Call Register does not translate to the rap_psa_code in the son Call Register. The rpa_psa_code in the son Call Register will be changed to match the rpa_paged_dn in the father Call Register. RPA_FATHER_INFO RPA_SON_INFO.

AUD0410 The Call Register used for post dialing has an invalid origtype. CRINFO.

AUD0411 Call Register with auxpm .prep_for_accd is not being used for post dialing. CRINFO.

AUD0412 Call Register used for post dialing does not have the auxpm = .prep_for_accd or .ffc_acod. CRINFO.

AUD0413 Call Register is collecting radio paging digits but does not have an rpa_cc_pm value. CRINFO.

AUD0416 No tone and digit timeslots are marked in the Call Register used for TDS signaling. CR is idled.

AUD0417 ORIGTYPE says CR is TDCKT_CR but NWK_CALL_ID says CR is not used for signaling. CR is idled.

AUD0418 CMF_TN of active CMF S/R not correct. CMF_TN set to terminal.

AUD0419 MFE_TN of active MFE S/R not correct. MFE_TN set to terminal.

AUD0420 A trunk was found to be in a lockout state. It will be idled. *CRINFO TRUNK_TN TRUNKPM

AUD0421 A call with MAINPM =.BUSY was found not to have any tone given nor was it in any valid timing queue. The call will be given busy tone.

AUD0422 a b c d e f g h i A call with MAINPM = .REORDER was found not to be receiving nor waiting for overflow tone. Overflow tone will be given. Where:

a = CR Addr MAINPM/AUXPM

b = Originating Type

c = Originating TN

d = Terminating Type

e = Terminating TN

f = QUEUE IN

g = CR Dialed DN

h = Digit Words (0)

i = Queue Type

AUD0423 AUDIT has detected an inconsistent DPNSS1 MWI table.

Action: The ADUIT programme resets the inconsistent information. Make a software correction.

AUD0441 A Call Register with MAINPM = .DIALING was not attached to the ORIGTN in the CR. CR has been idled = CRINFO.

AUD0442	A Call Register with non-nil CRLINK does not have a QUEUE_ID. CRLINK has been set to NIL - CRINFO, CRLINK.
AUD0443	CR has QUEUE_ID, but CR was not found in that queue. CR placed in queue indicated by queue ID. CRINFO, EXPECTED QUEUE, ACTUAL QUEUE.
AUD0444	A dialing CR contains TRK to TRK connection with extended external ID, but CR is not in slow answer recall timing. CRINFO, EXPECTED QUEUE, ACTUAL QUEUE.
AUD0445	Established CR is not pointed to by ORIGTN. CR will be idled. CRINFO
AUD0446	Established CR is not pointed to by TERTN. CR will be idled. CRINFO
AUD0447	Established TRK to TRK connection has extended external ID, but terminating trunk has not been answered and CR does not reside in QU_RING or QU_2S. CRINFO.
AUD0448	Invalid TERTN found in procedure ringing. CRINFO.
AUD0449	CR, with either MIX or 500 set as TER, cannot be found in the 100 ms or the ringing queue. The CR will be placed in the 100 ms queue. CRINFO, expected queue, actual queue.
AUD0450	Established CR is not pointed to by TERTN. CR will be idled. CRINFO
AUD0451	Incoming TIE/NWK trunk was found in HALFDISC, but was not being monitored. A disconnect attempt will be made on the trunk. CRINFO, TERMINAL.
AUD0453	Incoming TIE/NWK trunk was found in an invalid state. One disconnect attempt will be made on the trunk. CRINFO, TERMINAL.
AUD0454	Call Register with MAINPM = established does not have any TNs in the Call Register. CR is idled. CRINFO
AUD0455	Call Register indicates it has an ARS SON CR, but no ARS SON can be found. CRINFO
AUD0456	Call Register with MAINPM = RINGING is connected to the ORIGTN, but has a TERTN of zero. Disconnect attempt will be made on the ORIGID. CRINFO
AUD0500	A slot is reserved as a reusable slot for one channel and as a standard slot on another channel.
AUD0501	A slot, which is shown as reserved as a reusable slot, is not reserved in any system data structure. This message is output with AUD017 and AUD018.

AUD0502 Invalid MAINPM for CR with son CR for periodic Camp-On tone. CR information and MAINPM are output.

AUD0503 No father CR is linked to the son CR. Call Register (CR) information is output, the son CR is idled.

AUD0504 Invalid MAINPM for son CR periodic Camp-On tone. Call Register (CR) information and MAINPM are output.

AUD0507 TN DN A DID number is wrongly associated with the set for (Hospitality Management). TN of set and DID number are printed. DID number is cleared

AUD0515 x y TN1 TN2 Slot y on Loop x has been reserved as a non-reusable slot for tn1, but can still be used on tn2. Procedure DTI_SLOT_AUD

AUD0516 Y R Slot y is on a loop is reusable, but has a non-zero RESERV_COUNT value against it in the U_SLOT_SHARE_BLK. Procedure CHK_RESERV_COUNT. R = Reserve Count

AUD0517 BKI_SECRECY_BIT. The Break-In with Secrecy (BKIS) bit is set while BKIS is not active. The BKIS bit is cleared.

AUD0518 Less than 10 percent of the XMI message registers are in the idle queue.

AUD0519 i c l A count of the XMI message registers having queue ID “l” do not match the field length for that queue’s data block. i = queue ID, c = Count for message register, l = Length from the queue data block.

AUD0520 i c The set pointers have failed for Virtual Network Services (VNS). i = VNS Index, c = Customer number.

AUD0521 i c p a The CR pointer does not match the Virtual Network Services (VNS) Active CR. i = VNS Index, c = Customer number, p = CR Pointer, a = Active CR for VNS.

AUD0522 i c m a In the Virtual Network Service application, there exists a VNS Index mismatch or Invalid call state. i = VNS Index, c = Customer number, m = Message CR, a = Active CR for VNS

AUD0523 Invalid MAINPM for RADIO PAGING process. *CRINFO

AUD0524 Unable to locate son CR when father CR indicates an RPA_PROCESS son type. *CRINFO

AUD0525 Invalid main PM for RPA son CR. Main PM for the Radio Paging son should be Radio Page. *RPA_SON_INFO

AUD0526	RPA state error. If RPA CALL bit is set, then RPA ANSWER cannot be set and vice versa. *CRINFO (Father)
AUD0527	Son CR found when RPA call has been answered. *FATHER_SON_INFO
AUD0528	RPA CALL bit is not set when father has an RPA Process son type. *FATHER_SON_INFO
AUD0529	Father and RPA son do not have the same ORIGTNs. *FATHER_SON_INFO, ORIGTN of SON CR
AUD0530	RPA father CR has trunk still attached while undergoing meet-me or recall timing. *RPA_SON_INFO
AUD0531	The RPA son is not in the meet-me queue as expected. *RPA_SON_INFO
AUD0532	The trunk is not a Radio Paging trunk. *FATHER_SON_INFO, RPA_CR_ROUTE_NUM in Son CR
AUD0533	Main PM should only go to ringing when the RPA trunk is dropped. *RPA_SON_INFO, PROCESS_TYPE of RPA SON CR
AUD0534	Invalid AUXPM for Single System RPA. AUXPM of RPA accessing is valid only for multisystem RPA configurations. *CRINFO
AUD0535	Invalid AUXPM for RPA son when AUXPM of father CR is RPA accessing. *father_son_info
AUD0536	RPA process son type expected when AUXPM of Main CR is RPA accessing. *CRINFO (Father)
AUD0537	Invalid AUXPM for RPA package unequipped. *CRINFO (Father)
AUD0538	Unable to find the father CR for this RPA son CR. *rpa_son_info
AUD0539	Invalid Main PM when RPA package is not equipped. *rpa_son_info
AUD0540	Son CR is not in the Meet-Me queue as expected. *rpa_son_info
AUD0541	TERTN of Father CR should be an RPA trunk. *Father_Son_Info
AUD0542	RPA son type is invalid for RPA_Answer state. *crinfo
AUD0543	TNtrans of the TERTN in Father CR failed. *crinfo
AUD0544	RPA system PTR is nil. *Father_Son_Info

AUD0545 SETCUSTPTRS failed. Unable to find customer pointers. *crinfo

AUD0546 No RPA son type indicated in the Father CR. *crinfo

AUD0547 SET ROUTE PTRS failed. Invalid route associated with the TERTN. *crinfo

AUD0548 No ACD CR is associated with the MAIN CR for CCR process.

AUD0549 Process type must be ICP_PROCESS (CCR).

AUD0550 DN type is not a CDN.

AUD0551 DN type is not an ACD DN.

AUD0552 CCR restoration timeslice Call Register does not point to the call to be restored.

AUD0553 The timeslice Call Register is not in the two second queue.

AUD0554 Mainpm of ICP call which is presented to an agent should be .RINGING.

AUD0555 ICP SON does not have a father CR.

AUD0557 DATA Message CR does not match linkage in message CR table.

Output data:

Address of the message CR

TN in the message CR

Call reference number in the message CR

Linkage in message CR table

TN in the message CR linked from CR table

Call reference number in the message CR linked from CR table.

AUD0558 DATA B-channel packet data nail up connection between DSL B-channel and Packet Handler is broken. The DSL B-channel TN is output with the following error code and additional data:

1 = No Call Register for nail up connection.

2 = TNTRANS on PRI channel TN failed. PRI Channel TN is also output.

3 = Invalid PRI loop type. PRI channel TN is also output.

4 = PRI channel is not dedicated for the connection. Channel TN is also output.
5 = Incorrect TRUNK PM. PRI channel TN is also output.

6 = Invalid Call Register contents. Address of the Call Register, types of both originating and terminating parties, type of call and MAIN PM are also output.

AUD0559 DATA Invalid information transfer capability (BCAP). Output data: TN, call reference number and the BCAP value stored in the message CR.

AUD0560 DATA Inconsistent message CR and CR linkages. Output data: DSL TN, call reference number and the following error code:

000001 = CR is missing and usage bit is not set. Message CR will be discarded.
000002 = Message CR is missing and usage bit is not set. CR will be discarded.
000005 = CR is missing. Message CR will be discarded and usage bit is cleared.
000006 = Message CR is missing. CR will be discarded and usage bit is cleared.

For 000001 and 000005, the call reference number and the cause value in the message CR are output. For 000002 and 000006, the AUX & MAIN PMs, the originating and terminating parties' TNs and the dialed DN (in Hex) in the CR are output.

AUD0561 DATA Incorrect number of VCE/DTA calls. The number of calls stored is updated with the number of calls counted. Output data: DSL TN, type, number of calls counted and number of calls stored.

AUD0562 TN No DSL data. The TN is output.

AUD0563 The CCR_IVR_CR pointer in the CCR main Call Register does not point to its CCR IVR Call Register. The pointer will be set to point to the CCR IVR Call Register like it should. Procedure TERMCRPTR.

AUD0564 The main Call Register for a CCR IVR call connected to an IVR port is not in its CDN like it should be. Procedure TERMCRPTR.

AUD0570 The B CH link for printed {DCHNO} is blocked for outgoing calls (DCH_OTG_BUSY is set) and no outgoing call is active on the BCH link. Link is unblocked.

AUD0571 q qptr i n h This XMI queue's data block is corrupted.

q = queue being audited

qptr = pointer to queue data block

If qptr is not NIL, the following fields are printed from the queue data block:

i = queue ID from queue data block

n = queue length from queue data block

hptr = pointer to head of queue

eptr = pointer to end of queue

AUD0572 q i mptr mln This XMI message register has an invalid queue ID or link pointer.

q = queue being audited

i = message register's queue ID

mptr = message register pointer

mlnk = link to next message register in queue.

AUD0573 q This XMI queue is corrupted. q = queue being audited.

AUD0574 i mptr This XMI message register has an invalid queue ID. i = message register's queue ID, mptr = message register pointer.

AUD0575 TCAP CR is in invalid state; it will be idled.

AUD0576 DATA Call ID in CR does not match Call ID entry in internal table. Internal Table entry cleared. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

AUD0577 DATA Call ID in Call Register does not have associated pointer in Call ID Table. Call ID field in CR set to zero. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

AUD0578 DATA Table entry references CR with out of range Call ID. Call ID in CR set to zero and internal Table entry cleared. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

AUD0579 DATA Internal Call ID Table entry references conference block which does not contain expected Call ID value. Internal Table entry cleared. Output data appears as follows. {U_CONF_PTR} {Call ID}

AUD0580 DATA No conference exists for Call ID value in conference block. Associated entry in internal Call ID Table is cleared, as well as Call ID field in conf blk. Output data appears as follows:{U_CONF_PTR} {Call ID} {Conf Group}

AUD0581 DATA Out of range Call ID associated with {Conf Group} found in conference block. Call ID field in conference block set to zero. Output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

AUD0582 DATA Call ID in conference block associated with {Conf Group} does not have associated pointer in Call ID Table. Call ID field in conference block set to zero. Output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

AUD0583 DATA The nail up of tandem connection is not correct. Recovery is performed. Output data appears as follows:

{error number} {incoming PRI TN} {outgoing PRI TN}

Error numbers:

1 = no Call Register for the dedicated connection

3 = invalid PRI loop type

4 = PRI TN is not configured for tandem connection

5 = incorrect trunk pm

6 = invalid content at Call Register (content is printed)

8 = PRI TN does not match what is stored in the Call Register.

AUD0587 MF S/R pointing to CR which does not contain its TN. Active Call Register of MF S/R set to nil. TN, CDR information, and progress mark are output.

AUD0588 MFK TN of active MFK S/R not correct. MFK TN set to terminal.

AUD0589 Procedure AUDIT_DPNSS_ISDN: TNTRANS failed on DPNSS_TN field of the DPNSS ISDN CR. This Call Register is idled.

AUD0590 Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR does not correspond to a trunk. This Call Register is idled.

AUD0591 Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR does not correspond to a DPNSS trunk. This Call Register is idled.

AUD0592 Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR is not correctly linked to the unprotected DPNSS channel block. This Call Register is idled.

AUD0593 Procedure AUDIT_DPNSS_ISDN: ACTIVECR field of the unprotected DPNSS channel block is nil. This Call Register is idled.

AUD0598 {ORIGTN} {Login TN} TN is registered as logged into Set Based Administration but its active CR does not have an SBA process, the login session and its resources are released.

AUD0599 TN TN is registered as logged into Set Based Administration but its active CR does not have an SBA process, the login session and its resources are released.

AUD0600 {TN} {MAINPM} {AUXPM} TN is registered as logged into Set Based Administration but its MAINPM and AUXPM do not contain valid values. They should be: MAINPM = DIALING and AUXPM = SBA_DIALING or MAINPM = SPECIAL and AUXPM = SBA_TIMEOUT

AUD0601 TN IDX1 IDX2 The session index being audited (idx1) contains TN as the logged in TN, however, the SBA_SESSION_IDX field in the SBA son CR contains a different session number (idx2). All resources associated with session (idx1) are released from the multi-user login tables.

AUD0602 A TN or DN resource was found allocated to a Set Based Administration session which is no longer logged in. The resource is released

AUD0604 Answered M911 Abandoned Calls cannot be .ESTABLISHED

AUD0605 Illegal AUXPM for M911 Abandoned Call...should be .M911_CAB

AUD0606 No SON CR for M911 Abandoned Call

AUD0607 Unsuccessful check for an established EI conference: pointer AUXCR in Ublock of the Orig channel does not match the identified Unwanted CR of the EI conference.

Action: Force AUXCR the Unwanted's CR.

AUD0608 Unsuccessful check for an established EI conference: pointer AUXCR in Ublock of the Unwanted channel does not match the identified Orig CR of the EI conference.

Action: Force AUXCR the Orig'sCR.

AUD0609 Unsuccessful check for an established EI conference: The SW could not identify the EI Originating party.

Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.

AUD0610 Unsuccessful check for an established EI conference: The SW could not identify the EI Wanted party.

Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.

AUD0611 Unsuccessful check for an established EI conference: The SW could not identify the EI Unwanted party.

Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.

AUD0617 Illegal ORIGTYPE or ORIGTN info in answered M911 Abandoned Call

AUD0618 The M911 AUX CR unprotected trunk block should not point to aux CR for an abandoned call.

AUD0619 Unable to find the father CR for this L1MFC son CR. CRINFO is output. This CR is idle.

AUD0620 {tn} {priority} {acd dn} An MQA ACD agent was found to have an invalid Priority value associated with an ACD DN. The priority was changed to equal the Priority value in the PRI field in the set's Protected Line Block (use OVL 20 to print TNB).

AUD0621 {tn} {acd dn} An MQA agent was found to have a DN in its MQA data block which is not a valid ACD DN.

Action: Log out immediately and log back in specifying new ACD DNs.

AUD0622 {tn} {acd dn} An MQA ACD agent was found to be serving an ACD DN that is not compatible with MQA. Specifically, one of the following prompts in OVL 23 is set for the ACD DN: IVMS, DSAC, IVR, IMS, or the DN is a CDN.

Action: Log out immediately and log back in specifying new ACD DNs to serve.

AUD0623 cust route old_counter new_counter Actual number of idle trunks in route is different than number in idle-trunk-counter in route block. Counter is corrected.

Action: If AUD0623 occurs frequently, contact your technical support group.

AUD0624 Busy ISPC link not associated to any end-user.

Action: Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.

AUD0625 ISPC data structures corruption.

Action: Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.

AUD0626 IDLE ISPC link associated to an end-user.

Action: Use overlays 60 and 80 to detect is any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.

AUD0632 The VDN data structure is corrupted. Some VDN blocks may be lost.

Action: AUDIT has restored the recoverable VDN blocks. VDN blocks which

have been lost must be recreated in LD 79.

AUD0643 Invalid SFR feature is found from SFR call register.

AUD0644 Invalid Application VAS ID is found from an IAGT TN.

AUD0645 P_IAGT_BLK is not allocated for an IAGT TN. IAGT TN is deacquired.

AUD0646 IAGT_TERMINAL is updated due to mismatch with IAGT TN.

AUD0647 IAGT TN (control login ACD agent) is not linked to IAGT link.

AUD0648 Audit VAS ID is invalid.

AUD0649 The last IAGT TN pointer of the IAGT link is not referenced to the last IAGT TN from the IAGT link.

AUD0650 The TITH Call Register does not match the RAN Route data.

Action: Report the problem if the condition persists.

AUD0651 The TITH CR is lost.

AUD0652 RAN Broadcast Timeslice Call Register is not in the 128ms queue.

AUD0653 The TITH Call Register is not in the 2S queue.

Action: Report the problem if the condition persists.

AUD0655 Invalid attendant number in the priority buzz call register.

AUD0656 Priority buzz call register should be linked to the unprotected attendant block.

AUD0657 An Attendant Console can have only one priority buzz process call register associated with it.

AUD0658 Attendant cannot be maintenance busy or position busy when it has a priority buzz call register associated with it.

AUD0659 Analog Console associated with priority buzz call register is not supported.

AUD0660 The priority buzz call register should be in the 2 seconds timing queue.

AUD0661 Broadcast trunk list was found to be broken and was subsequently rebuilt.

Action: Report the problem if the condition persists.

AUD0662 Broadcast speechpath counts were found to mismatch and were subsequently realigned.

Action: Report the problem if the condition persists.

AUD0663 Tone Detector pointing to CR does not contain its terminal number. Active call register set to nil. Tn, CR information, progress makr and TDET_TN are output.

AUD0700 xxxx yyyy Where xxxx = timeslot word and yyyy = junctor word. Mobility Audit is checking the MISP/EIMC nail up connection. It detected a timeslot reserved for an EIMC but the EIMC_TN is marked as .SLOT_NOT_USED.

Action: Disable the MISP and enable the MISP.

AUTH: Authorization Code (LD 88)

The AUTH messages are generated while performing service change procedures in the Authorization Code program (LD 88). The following are the two types of authorization codes defined in LD 88:

BAUT—basic authorization codes
NAUT—network authorization codes

AUTH Messages

AUTH0001	Incorrect response to prompt request.
AUTH0002	Service Change password incorrect.
AUTH0003	Customer data block does not exist.
AUTH0004	Number entered is out-of-range.
AUTH0005	Number of Authcode digits entered does not match ALEN.
AUTH0006	Authcode database does not exist for specified customer.
AUTH0007	Authcode already exists.
AUTH0008	Specified Authcode does not exist.
AUTH0009	Specified Authcode already exists.
AUTH0010	Not enough memory to allocate space.
AUTH0011	Authcode data block cannot be deleted because the Authcodes are still defined in the Authcode table.
AUTH0012	Input was received which requested a halt of the current process being executed.
AUTH0013	BAUT or NAUT package with which Authcode is associated is not active.

AUTH0014	System time-of-day has not been set via service change.
AUTH0015	Route block selected for RAN does not exist or is not of type RAN.
AUTH0100	That password has print only Class of Service allowed.
AUTH0101	As the user, you do not have access to this data.
AUTH0103	When the Authorization Code (ACOD) length is ALEN = 4, the NMBR only accepts values 0-9999.

BERR: Bus Error Monitor

BERR messages

BERR0000	CP local slave BERR.
BERR0001	CP IPB master data error.
BERR0002	CP IPB master time out.
BERR0003	CP IPB master error.
BERR0004	CP local decode error.
BERR0005	CP illegal access.
BERR0006	CP BIC default BERR {address}.
BERR0007	CP BIC BERR {address}.
BERR0010	CP triggered BERR {address}.
BERR0012	SRA DMA access BERR {address}.
BERR0016	CP SRA parity BERR {address}.
BERR0017	CP HPM timeout BERR {address}.
BERR0020	CP AP No response BERR {address}.
BERR0021	CP AP BIC IPB parity {address}, {ERRZ}.
BERR0022	CP AP local BERR {address}, {ERRZ}.
BERR0023	CP AP BIC illegal access {address}, {ERRZ}.
BERR0024	CP AP BIC default BERR {address}, {ERRZ}.

BERR0200	SIMM: Write protection violation.
BERR0201 x y	SIMM x y: Parity error at remote x y (address). **Action**: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0202 x y	SIMM x y: Parity error at local x y (address). **Action**: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0203 x y	SIMM x y: Unrecoverable memory or register Write error at x y (address). **Action**: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0204 x y	SIMM x y: Unrecoverable memory or register Read/Write error at x y (address). **Action**: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0300 x y z	CNIP xyz: {address}, {BERZ}.
BERR0400 x y	CNIB x y: data parity error.
BERR0401 x y	CNIB x y: Local master parity error.
BERR0402 x y	CNIB x y: Local master timeout.
BERR0403 x y	CNIB x y: Local master bus error.
BERR0404 x y	CNIB x y: IPB event interrupt read.
BERR0405 x y	CNIB x y: Local priority request asserted.
BERR0406 x y	CNIB x y: Unaligned ID EPROM access.
BERR0407 x y	CNIB x y: Unaligned event interrupt access.
BERR0408 x y	CNIB x y: {ADD}, {PARERRZ}, {IPBNT}, {BERRZ}, {ERRZ}.
BERR0500	HI EXC Self x: Restarting self due to queue corruption.
BERR0501	HI EXC Self x: Retrying Bus error analysis.
BERR0502 x	HI EXC Self x: TID: y **Action**: x.
BERR0503 x	HI EXC Self x: **Action**: x.

BERR0504 x	HI EXC x: Task x suspended.
BERR0505 x	HI EXC x: Recovered from Bus error in ISR x (address).
BERR0506 x	HI EXC x: Starting analysis of Bus error from unknown task at x (address). Note that the state of this task cannot be changed.
BERR0507 x	HI EXC x: Starting analysis of task x.
BERR0508 x y	HI EXC x: Completing analysis of task x. Decision: y.
BERR0509	HI EXC x: Bus error in ISR. SR = a, PC = b, Addr = c, SSW = d.
BERR0510	HI EXC x: Bus error in task x. SR = a, PC = b, Addr = c, SSW = d.
BERR0511	HI EXC x: Restart of Task x has been averted. Unknown address y has been remapped. Number of remapped addresses: z. Total number of remaps: n.
BERR0512	HI EXC x: Address remap threshold has been exceeded. **Action**: Restart the system.
BERR0513	HI EXC x: Address remap has been initialized.
BERR0514	HI EXC x: Recovered from Bus error at address x.
BERR0515	HI EXC x: Analyzing task x. Recommendation: y.
BERR0600 x y z	NCB x y: **Action**: Check device x at address y in group z. Check I/O device, network device, or PS card.
BERR0601 x	NCB x y: No response from 3PE on group x. **Action**: Check both connectors on both ends of the CNI to 3PE cable. Be sure the 3PE Enable/Disable switch is Enabled (up), and switch settings are correct.
BERR0700	EXCH: Total threshold exceeded: {vector}, {PC}, {fault address}.
BERR0701	EXCH: Threshold exceeded: {vector}, {PC}.
BERR0702	EXCH: Total threshold exceeded: {vector}, {PC}, {fault address}.
BERR0703	EXCH: Total threshold exceeded: {vector}, {PC}.
BERR0704	EXCH x: y in ISR. SR = a, PC = b, Addr = c, SSW = d

BERR0705	EXCH x: y in task n. SR = a, PC = b, Addr = c, SSW = d
BERR0800 x y	IOP x y: ERRZ reason register content:??
BERR0801 x y	IOP x y: BIC detected an IPB data parity error.
BERR0802 x y	IOP x y: BIC detected a local data parity error.
BERR0803 x y	IOP x y: Local IOP bus timer timed out.
BERR0804 x y	IOP x y: BIC received a local bus error.
BERR0805 x y	IOP x y: IPB attempted an event interrupt read.
BERR0806 x y	IOP x y: Local IOP bus asserted priority request during an inbound cycle.
BERR0807 x y	IOP x y: IPB attempted an unaligned IDP ROM access.
BERR0808 x y	IOP x y: IPB attempted an unaligned event interrupt.
BERR0809 x y	IOP x y: IOP window is disabled.
BERR0810 x y	IOP x y: Wrong IOP window size.
BERR0811 x y	IOP x y: Wrong IOP substitution address: x should be y.
BERR0812 x y	IOP x y: Wrong IOP IPB match address: x should be y.
BERR0813 x y	IOP x y: Wrong IOP top of card address: x should be y.

BIC: Bus Interface Circuit

These messages are Test Failure messages for the Bus Interface Circuit (BIC) that provides the interfaces and protocols for the Inter Processor Bus (IPB).

BIC messages

BIC0000 x y	BIC x y register read/write/verify test failed.
BIC0001 x y	BIC x y BIC/SRA interface IPBINT test failed.
BIC0002 x y	BIC x y BIC/SRA interface PARERR test failed.
BIC0003 x y	BIC x y arbitration test failed.
BIC0004 x y	BIC x y IRQ test failed.
BIC0005 x y	BIC x y timer test failed.
BIC0006 x y	BIC x y IOP event interrupt test failed.
BIC0007 x y	BIC x y CP self event interrupt test failed.
BIC0008 x y	BIC x y initial conditions failure.
BIC0009 x y	BIC x y window test failure.
BIC0010 x y	BIC x y testing the ASIC.
BIC0011 x y	BIC x y card failed one or more BIC test. **Action**: Reseat or replace the card.

BKP: Remote Backup (Option 11C)

BKP messages

BKP0001 Not applicable on CPU/Conf to System Core upgrade.

BKP0002 Indicates a mismatch in the data file.

Action: 1. Compare the file again with the XVR command.

2. If the verification fails again, repeat the backup or restore process, and then re-verify using the XVR command.

3. Check your communications package parameters. Make sure that the parameters such as Mode (should be set to BINARY) or Protocol (should be set to XModem) are correctly set. Another possible cause is that the communications package is stripping characters.

BKP0003 Indicates that the Flash ROM in use contains invalid data and the procedure failed.

Action: 1. When doing a backup (with the XBK command):

a. Do an EDD to update the flash ROM in use.

b. Repeat the backup procedure using the XBK command.

2. When doing a Verify (with the XVR command) after performing a backup (with the XBK command):

a. do an EDD to update the flash ROM in use

b.repeat the Verify procedure using the XVR command

3. When doing a restore (with the XRT command):

a. check the customer data file being transmitted to ensure that it is the correct one.

b. repeat the Restore procedure using the XRT command. If it still fails, then a corrupted customer data file is a probability.

4. When doing a Verify (with the XVR command) after performing a Restore (with the XRT command):

a. repeat the Restore procedure using the XRT command

BKP0004 Indicates a failure to erase either the cartridge Flash ROM (when in override mode) or System Core (NTBK45) Flash ROM or the Primary and Secondary Flash ROM on the Small System Controller card (NTDK20) on option 11C systems.

Action: 1. Repeat the Restore procedure.

2. If it fails again, a faulty Flash ROM is the probable cause. Replace the System Core card or the S/W cartridge as appropriate.

Note: Option 11C systems are not equipped with S/W cartridges.

BKP0005 Copy failed (fatal).

BKP0006 Checksum failed on the restored configuration data.

BKP0007 Indicates that the Flash ROM is not available at this time (it is being used by another process).

Action: Wait for the current process to complete, and try again.

BKP0008 Indicates that a transmission error occurred. The procedure may have timed-out or there was a problem on the telephone line such as excessive noise.

Action: Repeat the procedure.

BKP0009 Overwrite error (fatal). Indicates that the Flash ROM could not be written properly.

Action: 1. Repeat the Restore procedure using the XRT command. If it still fails, ensure the file size does not exceed the size of the Flash ROM.

2. If it fails again, a faulty Flash ROM is the probable cause. Replace the System Core card or the software cartridges as appropriate.

BKP0010 Not applicable to Option 11E

BKP0011 Indicates that the Site ID in the customer data being restored (XRT command) or verified (XVR command) does not match that of the Options 11 data stored in the system.

Note: The procedure completes normally. This message is only a warning.

Action: 1. When doing a Restore (with the XRT command):

a. If using this feature as an install tool, this message is normal and does not indicate an error condition. The site ID will be automatically corrected on the next data dump (EDD) and backup.

b. Check the customer data file to ensure it is the correct one. You may inadvertently be restoring the wrong data file to the Option 11. If the data file is the correct one, contact your technical support group.

2. When doing a Verify (with the XVR command) after a Restore (with the XRT command) or a backup (with the XBK command):

a. do an EDD to update the flash ROM in use

b. repeat the Restore or Backup procedure

c. repeat the Verify procedure

BKP0012 Allocation error (fatal). Indicates that the Flash ROM could not be written properly.

Action: 1. Repeat the Restore procedure using the XRT command. If it still fails, ensure the file size does not exceed the size of the Flash ROM.

2. If it still fails, a faulty Flash ROM is the probable cause. Replace the System Core card or the software cartridges as appropriate.

BKP0013 Not applicable to Option 11E.

BKP0014 The cartridge is not marked as PREP (fatal).

BKP0015 The CPU/Conf. data is not marked as UPG

Action: Try reloading the old cartridge and UPG again.

BKP0016 The cartridge already has extracted data on it (fatal).

BKP0017 Unable to flag cartridge as having extracted data (fatal).

BKP0018 Insufficient space on cartridge for CPU/Conf data (fatal).

BRI: Basic Rate Interface

BRI messages indicate status and error conditions with ISDN Basic Rate Interface hardware.

BRI0100 to 0399 are status messages turned on by the SETM MISP {loop#} MNT command in LD 48. Use RSET MISP {loop#} MNT to stop printing these messages.

BRI messages

BRI0100 tn x y

MISP sent line card update message. The values for x and y are 6 digit HEX numbers with each digit indicating the status of a DSL. The DSLs are identified as follows:

x = 00321

y=007654

The possible status conditions are:

0 = No error

1 = Invalid DSL address

2 = Forced disconnect has timed out

3 = Invalid state change

4 = MISP application failed to complete layer 1 connection

7 = MISP application failed to queue the request

Example: BRI100 l s c 004000 000000, where 4 indicates that the application failed to complete layer 1 connection on DSL 3.

BRI0101 tn w x y z

MISP sent line card B-channel update message. The B-channel status consists of four words (w, x, y and z). The digits in these words indicate the B1 and B2 channel status for each DSL as follows:

w x y z = 001100 003322 005544 007766 (B2B1 for each DSL)

For example: the first “1” is B2 channel on DSL 1, the second “1” is B1 channel on DSL 1.

The possible status conditions are:

0 = No error

1 = Invalid DSL address

2 = Forced disconnect has timed out

3 = Invalid state change

4 = MISP application failed to complete layer 1 connection

7 = MISP application failed to queue the request

D = invalid DSL state

Example: BRI100 l s c 004000 000000 000000 000000, where 4 indicates that the application failed to complete layer 1 connection on B-channel 2 of DSL 1.

BRI0102 tn x

MISP sent DSL update message. This message consists of one word (x) that indicates the DSL status as follows:

0 = No error

1 = Invalid DSL address

2 = Forced disconnect has timed out

3 = Invalid state change

4 = MISP application failed to complete layer 1 connection

7 = MISP application failed to queue the request

Example: BRI100 l s c d 000003, where 3 indicates and invalid state change on DSL l s c d.

BRI0103 tn x

MISP sent DSL B-channel update message. The last digit of x indicates the B1 status, the second last digit of x indicates the B2 status. The possible status conditions are:

0 = No error

1 = Invalid DSL address

2 = Forced disconnect has timed out

3 = Invalid state change

4 = MISP application failed to complete layer 1 connection

7 = MISP application failed to queue the request

Example: BRI100 l s c d 000030, where 3 indicates and invalid state change on B-channel 2 of DSL l s c d.

BRI0104 tn x y

MISP sent DSL status message. The values x and y indicate the new DSL state and the reason for the change.

New DSL states (x):

0 = Unequipped

1 = Disabled

2 = Maintenance busy

3 = Reserved for future use

4 = Enabled, but network (layer 2) is in release state

5 = Enabled and network (layer 2) is established

6 = Busy

Possible reasons for change of state (y):

1 = The first network (layer 2) link has been established

2 = The last network (layer 2) link has been released

3 = A DSL overload counters has been reached

4 = Excessive layer 1 errors on a DSL have been detected

BRI0105 tn x y

MISP sent DSL B-channel status message. The values x and y indicate the new DSL state and the reason for the change.

New DSL states (x):

0 = Unequipped

1 = Disabled

2 = Maintenance busy

3 = Reserved for future use

4 = Enabled, but network (layer 2) is in release state

5 = Enabled and network (layer 2) is established

6 = Busy

Possible reasons for change of state (y):

1 = The first network (layer 2) link has been established

2 = The last network (layer 2) link has been released

3 = A DSL overload counters has been reached

4 = Excessive layer 1 errors on a DSL have been detected

BRI0107 tn x x x MISP sent line card audit message. The output data includes 8 fields (x x ... x) providing the call reference of B-channels on each DSL (0-7). Each field is formatted as 00B2B1, where B2 or B1 call reference status can be:

00 = No error

01 = Missing MISP call reference

02 = Missing M1 CPU call reference

03 = M1 CPU/MISP have different call reference

BRI0109 tn x y MISP sent line card status audit message. The values for x and y are 6 digit HEX numbers with each digit indicating the status of a DSL. The DSLs are identified as follows:

x = 003210

y = 007654

The possible status conditions are:

0 = No error

1 = DSL TN invalid (.me_bad_dsl)

2 = Force disconnect time-out (.me_forcedisc_to)

3 = Bad state change (.me_bad_stt_chg)

4 = Open layer 1 failure (.me_open_l1_fail)

7 = Could not queue the request (.me_que_req_fail)

BRI0110 tn w x y z t MISP received line card B-channel status audit message. The B-channel status consists of four words (w, x, y and z). The digits in these words indicate the B1 and B2 channel status for each DSL as follows:

w x y z = 001100 003322 005544 007766 (B2B1 for each DSL)

For example: the first “1” is B2 channel on DSL 1, the second “1” is B1 channel on DSL 1.

The possible status conditions are:

0 = No error

1 = invalid DSL TN (.me_bad_dsl)

2 = Force disconnect time-out (.me_forcedisc_to)

3 = Bad state change (.me_bad_stt_chg)

4 = Open layer 1 failure (.me_open_l1_fail)

7 = Could not queue the request (.me_que_req_fail)

BRI0113 tn x MISP sent TEI check message. The value for x can be:

0 = TN cannot be found (bad_tn)

1 = DSL is in wrong state (bad_dsl)

2 = Cannot send message to TE (no_misp_resource)

BRI0114 tn x MISP sent TEI restore message. The value for x can be:

0 = TN cannot be found (bad_tn)

1 = DSL is in wrong state (bad_dsl)

2 = Cannot send message to TE (no_misp_resource)

BRI0115 tn x MISP sent TEI remove message. Where x is the TEI that is removed.

BRI0200 tn x Line card self test response. The response (x) can be:

0 = Passed self-test

1 = Line card microcontroller’s internal RAM failure

2 = Line card microcontroller’s external RAM failure

3 = Line card microcontroller’s EPROM failure

4 = Network timeslot controller failure

5 = PAD EPROM failure

6 = Microwire controller failure

7 = Reserved for future use

8 = DSL 0 transceiver failure

9 = DSL 1 transceiver failure

A = DSL 2 transceiver failure

B = DSL 3 transceiver failure

C = DSL 4 transceiver failure

D = DSL 5 transceiver failure

E = DSL 6 transceiver failure

F = DSL 7 transceiver failure

BRI0201 tn x DSL reports layer 1 status. The status (x) is defined as follows.

For SILCs in network terminator (NT) mode, the possible status conditions can be:

0 = S/T transceiver failure

1 = Physical (layer 1) is activated successfully

2 = Physical (layer 1) is deactivated successfully

3 = Physical (layer 1) is losing synchronization

4 = Physical (layer 1) is in the process of being established

5 = Physical (layer 1) failed to get established

For SILCs in terminal equipment (TE) mode, the possible status conditions can be:

0 = S/T interface transceiver failure

1 = Physical (layer 1) is activated successfully

2 = Deactivation was requested from far end

3 = Physical (layer 1) is losing synchronization

4 = Physical (layer 1) is in the process of being activated

5 = Physical (layer 1) failed to get established

For UILCs in terminal equipment (TE) mode, the possible status conditions can be:

0 = U interface transceiver failure

1 = Physical (layer 1) is activated successfully

2 = Deactivation was requested from far-end

3 = Physical (layer 1) is losing synchronization

4 = Physical (layer 1) is in the process of being activated

5 = Physical (layer 1) failed to get established

6 = Physical (layer 1) failed to be activated

BRI0202 tn Line card responds to audit DSL state message. Five decimal numbers are displayed following the DSL address indicating the status of the DSL. These numbers specify the mode, B1 and B2 channel status, DSL sampling, framing, and activation:

Mode:

0 = Disabled

1 = NT1 mode, adaptive sampling

2 = NT1 mode, fixed sampling

3 = TE mode

B1:

0 = B-channel disabled

1 = B-channel enabled

B2:

0 = B-channel disabled

1 = B-channel enabled

Framing:

0 = Multi-framing disabled

1 = Multi-framing enabled

Activation:

0 = Waiting to be activated

1 = Automatically activated

BRI0204 tn Line card responds to terminal equipment query message.

BRI0300 tn xy zz MISP sent interface data download message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

3 = Terminal memory full (.ae_trm_mem_full)

4 = DSL not disabled (.ae_dsl_not_dsbl)

5 = Interface memory full (.ae_if_mem_full)

BRI0301 tn xy zz MISP sent timeslot download message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

3 = Bad timeslot type (.ae_bad_ts_type)

4 = DSL active (.ae_dsl_active)

5 = Table full (.ae_table_full)

6 = Invalid timeslot (.ae_lscd_ts_bad)

7 = Backup D-channel enable failed (.ae_enbl_bd_fail)

BRI0302 tn xy zz MISP sent packet data download message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

3 = Bad timeslot type (.ae_bad_ts_type)

4 = DSL active (.ae_dsl_active)

5 = Table full (.ae_table_full)

6 = Invalid timeslot (.ae_lscd_ts_bad)

7 = Bd-channel enable failed (.ae_enbl_bd_fail)

BRI0303 tn xy zz MISP sent protocol data download message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

3 = Bad protocol number (.ae__bad_prot_num)

4 = Protocol memory full (.ae_prot_mem_ful)

5 = Invalid protocol (.ae_prot_bad)

BRI0304 tn xy zz MISP sent Terminal Service Profile (TSP) data download message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = Invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

3 = Bad TSP number (.ae_tsp_mem_ful)

4 = TSP memory full (.ae_dn_mem_ful)

5 = Invalid TSP (.ae_tsp_bad)

BRI0305 tn xy zz MISP sent DSL traffic request message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = Invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

BRI0306 tn xy zz MISP sent DSL layer 2 traffic request message. Where x is the message type, y is the message ID, and zz is the error code as follows:

0 = No error

1 = Invalid DSL TN (.ae_bad_dsl)

2 = Force disconnect time-out (.ae_forcedisc_to)

BRI0312 Downloading Layer 3 tables to the MISP time-out. Default tables in MISP will be used.

BRI0313 MISP did not respond to Layer 3 table download message. Default tables in MISP will be used.

BRI0314 Downloading Layer 3 tables to the MISP failed. Default tables in MISP will be used.

BRI0315 The BRI line card or BRSC does not have an MISP assigned to it.

Action: 1. Load LD 27.

2. CHG the configuration for the card.

3. At the MISP prompt, enter a configured MISP loop number.

BRI0316 The interface parameters pertaining to the specified BRI line card are being downloaded. Another independent task has requested to downloaded interface parameters of the same line card. Since only one task can be active at a given time, the second request is refused.

Action: Wait 30 seconds. If the entire line card is behaving properly, then the second request was redundant. However, if you notice some oddities occurring on certain DSLs, load LD 32 and use the DISU command to disable those DSLs, then use the ENLU command to enable them. Any discrepancies should be eliminated.

BRI0317 The command cannot be performed because the superloop network card is in disabled state.

Action: 1. Load LD 32.

2. Execute the command to enable the XNET, ENLL {XNET LOOP NUMBER}.

3. Retry the command.

BRI0318 The command cannot be performed because the controller card is in disabled state.

Action: 1. Load LD 32.

2. Execute the command to enable the XPEC, ENXP {XPEC NUMBER}.

3. Retry the command.

BRI0319 Failed to receive a response message from the BRSC card.

Action: 1. Check that the BRSC card is present in shelf.

2. If present, remove the card, wait one second, then insert it into the same slot.

3. If problem remains, turn on the message monitor in LD 48.

BRI0320 Message intended for a served card (i.e., BRSCs) via the MISP card. The MISP rejected the message. The reason for rejecting it is not displayed unless the message monitor is turned on in LD 48.

BRI0321 During the fast interface download to the MISP application, the application rejected the data for one of the interfaces belonging to the stated card TN. The reason for failure is not displayed unless the message monitor is turned on in LD 48.

BRI0322 During the fast interface download to the MISP application, the application rejected the data for one of the TSPs belonging to the stated card tn. The reason for failure is not displayed unless the message monitor is turned on in LD 48.

BRI0323 Whenever the MISP BRIL or the BRSC application is enabled, the interface configuration is sent to the ISDN BRI line card. This message indicates that both the stated DSL TN and the consecutive ones configuration failed to get sent. The

interface chip on ISDN BRI line card will retain its original configuration. If there were no configuration, the interface will be in UNEQ state (in hardware, i.e., ISDN BRI line card).

Action: 1. Check state of the superloop controller card.

2. Check state of the controller card.

3. Use LD 32 to first disable and then re-enable the two interfaces encountered the failure. This action causes the configuration data to be downloaded. If this fails, turned on the SSD message monitor in LD 48.

BRI0324 Cannot perform the requested task because the BRSC basecode is inoperational.

Action: Enable the BRSC basecode with the following:

1. Load LD 32.

2. Issue the command ENLC BASE L S C

3. The BRSC basecode should get enabled unless a problem is encountered.

BRI0325 After all the interface parameters (pertaining to a single BRI line card) have been downloaded, the MISP card failed to acknowledge some or all of the data.

Action: Wait 30 seconds. If the entire line card is behaving properly, then the second request was redundant. However, if you notice some oddities occurring on certain DSLs, load LD 32 and use the DISU command to disable those DSLs, then use the ENLU command to enable them. Any discrepancies should be eliminated.

BRI0326 Unable to send a message to the MISP card. A TN might follow the message number. It either indicates the MISP loop number or the line card for which the message was related to.

Action: Make sure that the MISP basecode and/or the related application is operational. If so, there might be unable to handle the large flow of messages at this time. Try the command later.

BRI0327 Unable to send a message to the BRSC card. A TN might follow the message number. It either indicates the BRSC card TN or the BRI line card for which the message was related to.

Action: Make sure that the superloop network card and controller card are operational. Try the command later.

BRI0328 The Meridian 1 did not receive a message response from the MISP. A message was sent (typically to the bootcode/basecode on the MISP, but the response either was not sent by MISP or received by software.

Action: 1. Verify that the MISP/BRSC card is present in the shelf.

2. Verify that MISP/BRSC is not malfunctioning.

3. Retry the portion of the command that failed.

BRI0329 The Meridian 1 was not able to build an interface/TSP message during the fast interface downloading process.

Action: 1. The application could be in disabled/transient state.

2. The pool of message buffers is empty.

3. Retry the portion of the command that failed.

BRI0330 General information message. The relevant information follows the error mnemonic.

BRI0331 The BRSC base or BRI application code will be downloaded to the card(s) as soon as there is no program loaded.

Action: Quit the program by entering END if one is loaded.

BRI0332 The Enable BRSC base or BRI application task is suspended. Task will resume when software downloading is done.

Action: If a program is loaded, quit the program by entering END to start software download.

BRI0333 MISP did not respond to the D Channel Packet Switch Data (DPSD) Connection data down load message.

BRI0334 MISP responded with an indication to the D Channel Packet Switch Data (DPSD) Connection data down load message.

BRI0400 BRSC card does not exist, thus a dedicated connection cannot be established or removed.

BRI0401 Must be a BRSC card to have this type of Bd-channel connections.

BRI0402 Bd-channel dedicated connection cannot be established because there is no available path between the MISP and the ISDN PRI loops.

BRI0404 Cannot download timeslot information to BRSC BRI Application.

BRI0416 Received ab M4 from the UILC card indicating that the S/T interface at NT1 is deactivated.

Action: Check connection to the far end.

BRI0421 dsl# OVLD xxxx The overload control for the indicated BRIT D channel is active. Any incoming new call setup request is rejected by protocol control.

Where:

dsl# is the BRIT DSL tn

xxxx is the number of ISDN messages during the last time interval

BRI0422 The UPIE layer 3 loadware INIT Rebuild Timer has expired. The BRIE INIT rebuild process has been aborted. Transient call will not be rebuilt. Output data: MISP LOOP: x DATA: y. Where: x= MISP loop number and y= message type.

BRI0800 The MISP being enabled or disabled is not present in network shelf.

BRI0801 Dedicated connection between the MISP and the line card cannot be established.

BRI0802 Task is aborted.

BRI0803 Application is being enabled.

BRI0804 Peripheral loadware is being downloaded.

BRI0805 Error detected while downloading protocol to application; application is still being enabled.

BRI0806 Protocol download message not acknowledged; application is still being enabled.

BRI0807 Line card update message cannot be sent to the application.

BRI0808 Line card cannot be put in maintenance busy mode because message cannot be sent to the MISP.

BRI0809 Basecode application has been enabled or disabled.

BRI0810 MISP is not present in the specified shelf.

Action: Make sure that you specified the correct shelf.

BRI0811 Data corruption.

BRI0812 Resources not available to process the task; try again later.

BRI0813 Another task waiting to be processed.

Action: Wait at least 30 seconds and then try again.

BRI0814 Illegal command.

BRI0815 Loop is unequipped.

BRI0816 Loop is not configured as an MISP card.

BRI0817 MISP BASECODE/Application is already in enabled state.

Action: If the behavior of the MISP BASECODE and/or Application is not indicative of an enabled one, please disable it and then enable it. This could be a mismatch of states between software and hardware.

BRI0818 The specified application is not configured on the MISP.

BRI0819 Peripheral loadware downloading to the MISP failed.

Action: Check to see that loadware is present on the diskette and the diskette is inserted in disk drive.

BRI0820 One of the following has happened.

1. The MISP card has failed the self test, or
2. Previous Flash EPROM Test may had been interrupted.

Action: Retry the command after 5 minutes. If problem persists, replace the card.

BRI0821 Application cannot be enabled or disabled because software is being downloaded.

BRI0822 Task aborted. Firmware download cannot be completed because the application is enabled.

BRI0823 Unable to send message to the MISP to enable or disable basecode application.

BRI0824 MISP cannot perform the enable/disable tasks.

BRI0825 Message cannot be sent to remove application from the MISP's EEPROM.

BRI0826 Socket IDs have not been assigned to this application. Task is aborted.

BRI0827 Message to enable or disable has timed out; task aborted.

BRI0828 MISP is disabled; task cannot be performed.

BRI0829 The application is missing from the MISP card.

BRI0830 Basecode application is in transient state.

Action: Try the command again later.

BRI0831 MISP has sent an undefined response.

BRI0832 Protocols could not be downloaded to the MISP.

Action: Make sure that the MISP is enabled.

BRI0833 HDLC data could not be downloaded to the MISP. The accompanying number indicates which error code returned from the message handler.

BRI0834 Hardware fault has been detected on the MISP.

BRI0835 The MISP card failed to process the “Protocol Download Request” message.

BRI0836 All applications must be disabled before disabling basecode.

BRI0837 MISP basecode disabled without disabling the application(s); will attempt to release application’s resources but an INIT might be required if problems persist.

BRI0838 MISP could not be accessed.

BRI0839 MISP failed to remove requested application.

BRI0840 Enabling or disabling process took too long; process was aborted.

BRI0841 Dedicated channel to the packet handler could not be established.

BRI0842 Dedicated channel to the packet handler could not be disconnected.

BRI0843 MISP basecode application failed; will try again in 0.5 second.

BRI0844 Automatic application software is pending.

Action: The download cannot be accomplished as long as LD 32 is active. Exit the program to allow download.

BRI0845 Enabling process was aborted and application firmware was not downloaded.

Action: Check to see that the firmware is present on the diskette and the diskette is inserted in the disk drive. Also the MISP may be busy updating the flash EPROM.

BRI0846 Application cannot be automatically enabled. Five tries to download the application firmware failed.

Action: Enable application in LD 32.

BRI0847 Application loadware has been removed from the MISP.

BRI0848 Application is not identified with a socket ID, no communication with the MISP.

BRI0849 Task aborted. Meridian 1 cannot access the application information block on the MISP.

BRI0850 DSL parameter cannot be downloaded because one or more pointers are nil.

Action: Try manually enabling the DSL to force the parameter to download. If this does not work, remove the DSL and then recreate it using LD 27.

BRI0851 DSL parameter cannot be downloaded because Meridian 1 could not send

BRI0852 DSL parameter cannot be downloaded because no Call Register is available.

BRI0853 DSL parameter cannot be downloaded because the download request message was invalid.

BRI0854 DSL parameter cannot be downloaded because the specified TSP is invalid.

BRI0855 DSL parameter cannot be downloaded because the MISP did not acknowledge the download message.

BRI0856 DSL parameter cannot be downloaded because download procedure timed out.

BRI0857 DSL parameter cannot be downloaded because the MISP and/or application is disabled.

BRI0858 Line card does not exist, thus a dedicated connection cannot be established or removed.

BRI0859 Only BRI line cards can have BD-channel connections.

BRI0860 Software error.

BRI0861 MISP is disabled, could not make a dedicated connection.

BRI0862 No path available to setup a D-channel dedicated connection.

BRI0863 Cannot send a message to the MISP to update the HDLC.

BRI0864 Cannot send a message to the MISP to update the HDLC.

BRI0865 Software bug: PRI loop pointer is nil.

BRI0866 PRI loop is disabled and a dedicated connections cannot be made.

BRI0867 Dedicated connection cannot be established or removed because the loop is not

BRI0868 B-channel is busy.

BRI0869	A B-channel is not available to establish a dedicated connection.
BRI0870	Call Register is not available to establish a B-channel or BD-channel dedicated connection.
BRI0871	A dedicated connection cannot be established because there is no available path between the Extended Network Card and the ISDN PRI loops.
BRI0872	Invalid number for the specified B-channel or BD-channel type.
BRI0873	Unable to establish or remove a dedicated B-channel or BD-channel connection because the ISDN PRI loop is disabled.
BRI0874	Unable to establish or remove a dedicated B-channel or BD-channel connection because the channel is in disabled state.
BRI0875	Unable to establish or remove a dedicated B-channel or BD-channel connection because the channel is in maintenance busy state.
BRI0876	Failure to establish BD-channel. Specified channel is busy.
BRI0877	BD-channel dedicated connection cannot be established because there is no available path between the MISP and the ISDN PRI loops.
BRI0878	Cannot send a message to the MISP to update the HDLC about the BD-channel.
BRI0879	Cannot send a message to the MISP to update the timeslot mapping for the dedicated BD-channel connection.
BRI0880	Cannot establish D-channel, B-channel, or BD-channel dedicated connection because the MISP application is disabled.
BRI0881	Failure to build BD-channel because the dedicated B-channel on the PRI loop is BUSY.

BSD: Background Signaling Diagnostic (LD 45)

The Background Signaling and Switching Diagnostic program (LD 45) tests peripheral equipment and is used to perform continuity tests on superloops.

Any telephone, terminal, console or card that fails the signaling test may be disabled by this program. To re-enable the device, see LD 32. If a device fails the signaling test and is disabled, it will be automatically re-enabled if it passes a subsequent signaling test, whether the test was manually requested or automatically initiated.

For superloops use LD 30 to test signaling and network memories.

This Overlay is not available on Option 11 systems. Use Overlay 30 (LD 30) to perform signaling tests on these systems.

Intergroup Switch (IGS) assignments

The following table shows the slot locations of the Intergroup switch (IGS) and 3 Port Extender (3PE) cards for each group.

Group 0—QCA55 Cabinet
- QSD39—Network Shelf 0 (front-left):
  - IGS 0 is in slot 12
  - IGS 2 is in slot 13
  - 3PE is in slot 14
- QSD40—Network Shelf 1 (front-right):
  - IGS 1 is in slot 3
  - IGS 3 is in slot 2
  - 3PE is in slot 1

Group 1—QCA55 Cabinet
- QSD39—Network Shelf 0 (rear-left-bottom):
  - IGS 4 is in slot 12
  - IGS 6 is in slot 13
  - 3PE is in slot 14
- QSD40—Network Shelf 1 (rear-right-bottom):
  - IGS 5 is in slot 3
  - IGS 7 is in slot 2
  - 3PE is in slot 1

Group 2— QCA55 Cabinet
- QSD39—Network Shelf 0 (rear-left):
  - IGS 8 is in slot 12
  - IGS 10 is in slot 13
  - 3PE is in slot 14
- QSD40—Network Shelf 1 (rear-right):
  - IGS 9 is in slot 3
  - IGS 11 is in slot 2
  - 3PE is in slot 1

Group 3—QCA108 Cabinet
- QSD39—Network Shelf 0 (front-right):
  - IGS 12 is in slot 12
  - IGS 14 is in slot 13
  - 3PE is in slot 14

QSD39—Network Shelf 1 (front-right):
IGS 13 is in slot 12
IGS 15 is in slot 13
3PE is in slot 14

Group 4—QCA108 Cabinet
QSD40—Network Shelf 0 (rear-left):
IGS 16 is in slot 3
IGS 18 is in slot 2
3PE is in slot 1
QSD40—Network Shelf 1 (rear-left):
IGS 17 is in slot 3
IGS 19 is in slot 2
3PE is in slot 1

Intergroup Switch (IGS) to group number associations

To find the associated IGS number, cross-reference the transmitting group number and the junctor number. For example, transmitting group 2 and junctor 5 are associated with IGS 9.

Transmitting Group:	0	1	2	3	4	
IGS Number:						Junctor number:
	0	4	8	12	16	0, 4, 8, 12, 16, 20, 24, 28
	1	5	9	13	17	1, 5, 9, 13, 17, 21, 25, 29
	2	6	10	14	18	2, 6, 10, 14, 18, 22, 26, 30
	3	7	11	15	19	3, 7, 11, 15, 19, 23, 27, 31

BSD messages

BSD0000 Background Signaling and Diagnostic (LD 45) has been loaded.

BSD0001 Invalid command.

BSD0002 An attempt was made to enter a command while a previous TEST command was still being executed. The new command is ignored.

BSD0020 c The input buffer of the Peripheral Signaling (PS) card has overflowed during execution of the TEST command. Incoming signaling messages have been lost. The signaling test was terminated.

Action: Retry TEST command. No fault is implied by this message.

BSD0021 c The program has insufficient memory to record the quantity of SL-1 line faults detected during the Peripheral Signaling (PS) card c test. The test was terminated. However, this message does not necessarily imply a PS card fault.

Action: Retry TEST command. If the error message reoccurs, use the STAT command in LD 32 to obtain the status of PS cards. Use the ENLL command in LD 32 to enable any disabled cards.

BSD0022 During execution of a TEST command, the continuity test procedure encountered an “all channels busy” condition. One or more of the continuity tests were not performed.

Action: Retry TEST command later. No fault is implied by this message.

BSD0023 loop During execution of a TEST command, a message request generating/detecting patterns is not able to be sent to the NT8D04 Network card.

BSD0024 loop During execution of a TEST command, cannot query the continuity test result of the NT8D04 Network card.

BSD0080 c: s1 s2 sn Program has switched to CPU c. When this CPU is active, IGS card(s) s1, s2, etc., either do not respond or fail the memory test.

Action: 1. Compare the BSD080 list of IGS cards with the BSD082 list of IGS cards. IGS cards which appear in both lists are likely to be faulty. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it.

2. If a particular IGS card either generates only a BSD080 message or generates no BSD082 message, the fault is likely to be on the CE EXT connecting CPU c to the Network Shelf. Go to LD 35. Use the commands STAT EXT and ENL EXT to identify and enable either the disabled Segmented Bus Extender card or the 3

Port Extender card. Replace any cards which remain disabled after this procedure.

BSD0081 c: l1 l2 ln Program has switched to CPU c. When this CPU is active, Network loops l1, l2, etc. either do not respond or fail the memory test.

Action: 1. Compare the BSD081 list of network loops with the BSD083 list of network loops. If a network loop appears in both lists, then the card associated with that loop may be faulty. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled after this procedure.

2. If no Network card on a particular network shelf responds, the fault may be:

a. on the IGS (Intergroup Switch) card on that network shelf. Go to LD 39. Use the commands STAT IGS x and ENLL l to identify and enable disabled IGS cards. If an IGS card remains disabled, replace it.

b. in the cable which connects the IGS card to the junctor. Replace this cable and run LD 45 (BSD) to verify that the fault has been cleared.

c. on the Peripheral Signaling (PS) card for that shelf. Go to LD 32. Use the commands STAT PER x and ENPS x to identify and enable disabled PS cards. If a PS card remains disabled, replace it.

3. If Clock Controller 0 (SCG 0) is active to shelf 0, a faulty cable probably exists. Replace the faulty cable and verify that the fault has been cleared in LD 45. The faulty cable will be found between:

a. the Clock Controller card and the junctor, or

b. the Network card and Peripheral Buffer card, or

c. two Peripheral Buffer cards

4. If a network loop only appears in a BSD081 message, or if no BSD083 message follows, the probable fault can be found on:

a. the CE EXT connecting the network shelf (containing the Network card) to the active CPU c

b. the cable connecting the CE EXT to the network shelf

Go to LD 35. Use the commands STAT EXT and ENL EXT x to identify and enable disabled extended pairs belonging to either Segmented Bus Extender cards or 3 Port Extender cards. Replace the extender card if any extender pairs remain disabled after this procedure.

BSD0082 c: s1 s2 sn The program has switched CPUs and CPU c has become the nonactive CPU. Prior to the CPU switch (i.e., when CPU c was active), the IGS cards s1, s2 etc. either did not respond or failed the memory test.

Action: 1. Compare the BSD082 list of IGS cards with the BSD080 list of IGS cards, if one exists. An IGS card appearing in both lists is likely to be faulty. Go to LD 39. Use the commands STAT IGS x and ENLL l to identify and enable disabled IGS cards. If an IGS card remains disabled, replace it and then run LD 45 to test the card.

2. If an IGS card only appears in the BSD082 list or if no BSD080 message is present, the probable fault is on:

a. the CE EXT connecting the network shelf (containing the Network card) to the active CPU c. Go to LD 35. Use the commands STAT EXT and ENL EXT x to identify and enable disabled extended pairs belonging to either Segmented Bus Extender cards or 3 Port Extender cards. Replace the extender card if any extender pairs remain disabled after this procedure.

b. the cable connecting the CE EXT to the network shelf. Replace the cable between the two extenders and use the ENL EXT x command in LD 35 to enable the extender pair. Replace the extender card if any extender pairs remain disabled after this procedure.

BSD0083 c: l1 l2 ln The program has switched CPUs and CPU c is now the nonactive CPU. Prior to the CPU switch (i.e., when CPU c was active), the network loops l1, l2, etc. either did not respond or failed the memory test.

Action: 1. Compare the BSD083 list of network loops with the BSD081 list of network loops. If a network loop appears in both lists, then the card associated with that loop may be faulty. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled after this procedure.

2. If no Network card on a particular network shelf responds, the fault may be:

a. on the IGS (Intergroup Switch) card on that network shelf. Go to LD 39. Use the commands STAT IGS x and ENLL l to identify and enable disabled IGS cards. If an IGS card remains disabled, replace it.

b. in the cable which connects the IGS card to the junctor. Replace this cable and run LD 45 (BSD) to verify that the fault has been cleared.

c. on the Peripheral Signaling (PS) card for that shelf. Go to LD 32. Use the commands STAT PER x and ENPS x to identify and enable disabled PS cards. If a PS card remains disabled, replace it.

3. If Clock Controller 0 (SCG 0) is active to shelf 0, a faulty cable probably exists. Replace the faulty cable and verify that the fault has been cleared in LD 45. The faulty cable will be found between:

a. the Clock Controller card and the junctor, or

b. the Network card and Peripheral Buffer card, or

c. two Peripheral Buffer cards.

4. If a Network card appears in the BSD083 message list, or if there is no BSD081 message, the faulty is likely to be found on:

a. the CE EXT connecting the network shelf (containing the Network card) to the active CPU c. Go to LD 35. Use the commands STAT EXT and ENL EXT x to identify and enable disabled extended pairs belonging to either Segmented Bus Extender cards or 3 Port Extender cards. Replace the extender card if any extender pairs remain disabled after this procedure.

b. the cable connecting the CE EXT to the network shelf. Replace the cable between the two extenders and use the ENL EXT x command in LD 35 to enable the extender pair. Replace the extender card if any extender pairs remain disabled after this procedure.

BSD0085 Changeover and Memory Arbitrator (CMA) card failed to respond when attempt made to switch CPU. Memory test phase of program terminated. CMA card on active CPU bus is faulty.

Action: Go to LD 35. Use the commands STAT CMA and ENL CMA x to identify and enable disabled CMA cards. Replace a CMA card which remains disabled after this procedure.

BSD0086 c Program attempted to switch to other CPU when CPU c was active but the attempt failed. Memory test phase of program terminated. Faulty CMA card (either one).

Action: Go to LD 35. Use the commands STAT CMA and ENL CMA x to identify and enable disabled CMA cards. Replace a CMA card which remains disabled after this procedure.

BSD0090 The program has detected a power fault indication.

Action: Check power monitor indicators. If there is a power failure but no fault is found, the minor alarm lamp lights on the attendant console. If a power fault has been detected and the overlay area is idle, then LD 45 is run in background. To restore the regular background programs defined in LD 17, let LD 45 run twice and issue the clear major alarm command (CMAJ) from LD 30, LD 34, LD 35, LD 54 or LD 92.

BSD0101 p: l1 l2 ln Two or more loops l1, l2, etc. on the same PS card p have failed the signaling test. Error code BSD201 is implied for these loops. Probable faulty PS card. If fault persists after the PS card is either enabled in LD 32 or replaced, the fault may be in:

1. The Miscellaneous Register card or IF card on active CPU.

2. The IGS cards on the same shelves as l1, l2, etc.

3. The network cards on loops l1, l2, etc.

4. The CE EXT which connects the active CPU to the affected PS card.

5. Other network, tone and digit switch (TDS) and conference cards on the same shelf.

Action: The following actions correspond numerically to the fault locations listed above:

1. Use the TCPU command in LD 35 to test idle MISC circuitry and the IF card. If necessary, replace the MISC circuitry or IF card.

CAUTION: Using the TCPU command during heavy telephone traffic periods may cause the system to reload.

2. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it.

3. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

4. Check and replace the Segmented Bus Extender card or 3 Port Extender card. See the Hardware Replacement guide for details.

5. Commands STAT l and ENL l in LD 32 can be used to identify and enable disabled network loops. Commands STAT L and ENL L in LD 32 can be used to identify and enable disabled TDS loops. Commands STAT L and ENL L in LD 38 can be used to identify and enable disabled conference loops. Should enable attempts fail, the appropriate card should be replaced.

Note: Loops may be tested separately using Test L.

BSD0103 p Fault detected on outgoing signaling on peripheral signaling card p.

Action: 1. Issue the TEST command several times. If this code reappears, the Peripheral Signaling (PS) card p is probably faulty. Try to identify and enable the faulty PS card in LD 32.

2. If fault persists after the PS card is replaced, suspect a fault in the Miscellaneous Register (MISC) card or IF card on the active CPU. Use the TCPU command in LD 35 to test idle MISC circuitry and the IF card. If necessary, replace the MISC circuitry or IF card.

CAUTION: Using the TCPU command during heavy telephone traffic periods may cause the system to reload.

3. If the fault indication appears when one CPU is active but not when the other

is active and the fault affects only one group, the probable fault is on one of the following:

a. The CE EXT connecting the affected group to the CPUs which are active when the fault indication appears. Check and replace the Segmented Bus Extender card or 3 Port Extender card, or the cable which connects the two extenders (associated with the standby CPU) and the affected network shelf.

See the Hardware Replacement guide for details.

b. The cable between the extenders or other CE EXTs. Replace the cable and then attempt to enable the extender pair in LD 35. If the faults do not clear, replace the extender card.

c. Other PS cards. Check PS card status in LD 32.

BSD0110 l1 l2 ln Loops l1, l2, etc. are unable to transmit speech to any loop on the other network shelf of that group. Minor alarm lamp lit on attendant console. Suspect:

1. If there is only one terminal loop on the other shelf, the associated Network card may be faulty.

2. If only one loop (l1) appears in the list, there is a possible intermittent fault in the network for Loop l1.

3. If only one loop (l1) appears in the list, an intermittent fault may exist in either the Peripheral Buffer or the Controller connected to loop l1.

4. The Peripheral Buffer (PB) or Controller may be faulty.

5. A faulty cable between the Network card and the Peripheral Buffer

6. A faulty cable between superloop and the Controller

7. A faulty Network card on loops l1, l2, etc.

8. CE EXT between CPUs may be faulty

9. PS cards

10. Other network, CONF and TDS cards

11. IGS cards CPU cards

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Identify and attempt to enable any disabled cards using the STAT 1 and ENLL 1 commands. Replace Network card(s) if faults do not clear.

2. Go to LD 32. Identify and attempt to enable any disabled cards using the STAT 1 and ENLL 1 commands. Replace Network card(s) if faults do not clear.

3. Replace these cards, starting with the card on the highest numbered PE shelf of the loop.

4. Go to LD 32. Identify and attempt to enable disabled PB cards with the commands STAT l s and ENL l s. You may check the status of a Controller card by inputting the command XPCT x. Alternatively, you may elect to unseat, reseat and then test a controller card.

5. Replace faulty cable.

6. Replace faulty cable between Controller backplane and Superloop.

7. Go to LD 32. Identify and attempt to enable disabled Network cards with the commands STAT l and ENL l. If loops remain disabled, replace the card.

8. You will need to do one of the following:

a. Check and replace the Segmented Bus Extender card or the 3 Port Extender card.

b. Replace any faulty cables connecting extenders associated with the standby CPU and the network shelf containing the affected IGS card.

9. Go to LD 32. Use the commands STAT PER x and ENPS x to identify and enable disabled PS cards. If the PS card remains disabled, replace it.

10. CFN card status may be checked in LD 34. TDS card status may be checked in LD 38.

11. IGS card status may be checked in LD 39. CPU card status may be checked in LD 35 by using the TCPU command. Avoid using the TCPU command during periods of heavy telephone usage as it may cause the system to reload.

BSD0111 g: l1 l2 ln Loops l1, l2, etc. of group g could not transmit to any other group. Probable fault on IGS cards in group g.

Action: Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it.

BSD0121 g: j1 j2 Jn Junctors j1, j2, etc. could be received by only one of the two network shelves in group g. It is likely that the cable between the Junctor board and the Intergroup Switch (IGS) is faulty.

Action: Replace the cable.

BSD0130 s g j: l1 L2 Loop(s) listed could not be transmitted to group g via junctor j of IGS card s. This implies one of the following two faults:

1. The IGS card s is probably faulty.

2. It is possible that an intermittent fault exists on group g, particularly if this message appears from time to time specifying different loops from one appearance of the message to the next.The cable is probably faulty from IGS s to Junctor or IGS in the same position on group g.

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

2. Replace the IGS to Junctor cable and run LD 45 (BSD) again to verify the fault is cleared.

BSD0201 loop: s1 s2 Two or more shelves (s1, s2, etc.) on the same loop fail signaling test. Error code BSD301 is implied for these shelves.

The fault may be found in the following:

1. RPE loop, if L is an RPE loop.

2. Network card for loop L

3. Loop cable to PE shelves

4. PS card associated with loop L

a. Faults on shelves s1, s2, etc.

b. The PB on shelf S of loop l may be faulty

5. One or more cards may be faulty.

6. CE EXT connecting affected loop with active CPU

7. IGS cards in same group

8. All other network, CONF and TDS cards in the same group

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 33. Test the RPE loop. See the RPE NTP for further information.

2. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

3. Replace cable. Run LD 45 to verify that the fault has been cleared.

4. Go to LD 32. Use the commands STAT PER x and ENPS x to identify and enable disabled PS cards. If the PS card remains disabled, replace it.

5. To correct these faults:

a. Go to LD 32. Identify and attempt to enable disabled PB cards with the commands STAT l s and ENL l s. Replace PB cards that remain disabled.

b. Go to LD 32. Identify and attempt to enable disabled PE cards with the commands STAT l s c and ENL l s c. Replace PE cards that remain disabled.

6. Go to LD 35. Identify and attempt to enable disabled extender pairs (associated with the Segmented Bus Extender card and 3 Port Extender card) with the commands STAT EXT and ENL EXT x. Replace extender cards that remain disabled.

7. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

8. CFN card status may be checked in LD 34. TDS card status may be checked in LD 38.

BSD0202 loop: s1 s1 The continuity test from network loop to shelves (indicated by s1, s2, etc.) has failed. The minor alarm lamp lit on attendant console. If L is an RPE loop, using LD 33 may aid in fault location. Probable fault in:

1. RPE loop, if L is an RPE loop.

2. Peripheral Buffer card(s) on shelf/shelves listed P

3. interconnecting cable to PE shelves

4. Network card

5. IGS cards in the same group

6. CE EXT connecting CPU

7. PS cards

8. all other network, conference and TDS cards in same group

9. For superloops the continuity test failed from network pack L to Peripheral Controllers s1 and s2. Probable fault in:

a. Peripheral Controller

b. cables to Peripheral Controller shelf backplane and Superloop Network card.

c. NT8D04 Network card

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 33. Test the RPE loop. See the RPE NTP for further information.

2. Go to LD 32. Identify and attempt to enable disabled PB cards with the commands STAT l s and ENL l s. Replace PB cards that remain disabled.

3. Replace cable and run test in LD 45 to confirm that the fault has been cleared.

4. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

5. Replace the IGS card and run LD 45 (BSD) to verify the fault is cleared.

6. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

7. Go to LD 32. Use the commands STAT PER x and ENPS x to identify and enable disabled PS cards. If the PS card remains disabled, replace it.

8. CFN card status may be checked in LD 34. TDS card status may be checked in LD 38.

9. To correct these faults:

a. Go to LD 32. Use the XPCT x command to test the Controller. If the Controller fails the test, replace it.

b. Replace the cable and run LD 45 (BSD) to verify the fault is cleared.

c. Go to LD 32. Use the commands STAT l and XNTT l to identify and test superloops. If a superloop fails the test, replace it.

BSD0203 loop: n Memory test of loop failed, n speech channels on this loop are now disabled. Minor alarm lamp lit on attendant console. Probable fault in:

1. Network card

2. IGS cards in the same group

3. CE EXT connecting CPU

4. PS cards

5. All other network, conference and TDS cards in same group

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

2. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

3. Go to LD 35. Identify and attempt to enable disabled extender pairs (associated with the Segmented Bus Extender card and 3 Port Extender card) with the commands STAT EXT and ENL EXT x. Replace extender cards that remain disabled.

4. Go to LD 32. Use the commands STAT PER x and ENPS x to identify and enable disabled PS cards. If the PS card remains disabled, replace it.

5. CFN card status may be checked in LD 34. TDS card status may be checked in LD 38.

BSD0205 loop Continuity checker on loop L suggest that the network is faulty.

Action: Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

BSD0206 loop: l1 l2 Loop unable to receive speech from l1, l2, etc. Minor alarm lamp lit on attendant console. Probable fault cause:

1. Network card for loop l

2. If you cannot receive only one loop (l1), there is a possible intermittent fault in the Network card for loop l1. This is the expected fault type if any other loops cannot receive l1 or if L1 appears in a BSD110 message.

3. If only one loop (l1) cannot be received, possible intermittent fault in one of the peripheral buffer connected to loop l1

4. All other network, conference and TDS cards in the same group.

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

2. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled

3. Replace each Peripheral Buffer in turn, starting with the one on the highest numbered PE shelf. The test should then be allowed to run long enough to indicate whether the problem will persist.

4. CFN card status may be checked in LD 34. TDS card status may be checked in LD 38.

BSD0207 loop: j1 j2 Junctor(s) j1, j2, etc. could not be received by the loop.

1. Network for loop L is probably faulty.

2. An intermittent fault is also possible, particularly if multiple BSD207 messages appear for several loops in the same group, each message specifying the same junctor(s) j1, j2, etc.; the fault in this case could be either:

a. IGS card for group(s) associated with loop L and junctors j1, j2, etc. See introduction for Intergroup Switch shelf locations and IGS and group number associations

b. IGS card for originating group(s), on the same position as the card indicated in (1).

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

2. a. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

b. Follow the action prescribed in 2a

BSD0208 loop: ts The software network map indicates that timeslot s of loop L is idle but network memory word for that slot is not idle. The indicated slot is marked busy in the software map and the current continuity test of loop L is abandoned.

A possible software fault may exist which is similar to the type referred to in BUG365. If several BSD208 or BUG365 messages appear which involve loop L or if a BSD203 message appears involving loop L, the network for loop L is probably faulty. See BSD203 comments.

Action: Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled. Contact technical support staff if replacing loop l does not clear the fault.

BSD0209 loop Network connection memory test of loop L detected an address decode fault and the minor alarm lamp is lit on attendant console. BSD209 messages will often appear in pairs. However, it is normally the case that only one fault is present.

Action: Disable either loop by using program 32. If the LED lights on Network card for that loop and not on any other Network card, probable fault is on:

1. the Network card

2. CE EXT connecting active CPU to shelf housing that Network card or the interconnecting cable.

If disabling the loop results in an LED being lit on some other network, probable fault is on network on which the LED unexpectedly lit or on cards listed in (b) above.

BSD0301 l s: c1 c2 c Two or more PE cards (s1, c2 etc.) on same Loop l and shelf s have failed the signaling test. Error code BSD401 is implied for the cards listed.

If a card number is preceded by a minus sign, one or more units on that card were disabled. The probable fault can be found on one of the following:

1. Peripheral Buffer on shelf S of loop L

2. One or more of cards (C1, C2, etc.).

3. Loop cable to PE shelf.

4. Network card for loop L.

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Identify and attempt to enable disabled PB cards with the commands STAT l s and ENLL l s. Replace PB cards that remain disabled.

2. Go to LD 32. Identify and attempt to enable disabled PE cards with the commands STAT l s c and ENLL l s c. Replace PE cards that remain disabled.

3. Replace cable and run LD 45 test to confirm that fault has been cleared

4. Go to LD 32. Use the commands STAT l and ENLL l to identify and enable disabled loops. Replace the Network card if loops remain disabled.

BSD0401 l s c: u1 u2 Line/trunk/Digitone receiver card loop l shelf s failed the signaling test. If the card number c is preceded by a minus sign, the card was disabled. Probable fault on:

1. Line card

2. Trunk Card

3. Digitone Receiver card

4. Peripheral Buffer on loop L shelf s.

5. If the error message includes unit numbers (e.g.,: BSD401 L S C:u1 u2, etc.), then two or more SL-1 or Digital line units (u1, u2, etc.) on card l s c failed the signaling test. Error code BSD501 is implied for the telephones listed. The probable fault is on:

a. a SL-1, a DLC line card l s c, or an ISDLC line card l s c

b. the Peripheral Buffer on shelf l s

c. all SL-1 or Digital telephones associated with the units (u1, u2, etc.)

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Identify and attempt to enable the disabled PE or IPE card with the commands STAT l s c and ENLL l s c. Replace PE or IPE cards that remain disabled

2. Go to LD 36. Use LDIC l s c u to list days since last call.Identify and attempt to enable the disabled trunk card or unit with the commands STAT l s c and ENLL l s c. Replace trunk cards that remain disabled.

3. Go to LD 32. Identify and attempt to enable disabled DTR cards or units with the commands STAT and ENLL l s c (u). Use the command DTR l s c (u) to test the DTR card or unit. Replace DTR cards that remain disabled.

4. Go to LD 32. Identify and attempt to enable disabled PB cards with the commands STAT l s and ENLL l s. Replace PB cards that remain disabled.

5. a. Follow the action prescribed in Action # 1.

b. Follow the action prescribed in Action # 4.

c. Go to LD 32. Use the DISU l s c u command to disable the PE or IPE unit. Disconnect the suspended faulty telephone and reconnect a operative telephone in its place. Use the ENLU l s c (u) command to enable the unit. If the replacement telephone still does not work, check wiring between the PE/IPE shelf backplane and the telephone. Run TEST in LD 45 to confirm that the fault has cleared.

Note: If a unit number is preceded by a minus sign, the unit was disabled.

BSD0402 loop s c: u1 u2 un Two or more SL-1 or Digital line circuits (u1, u2, etc.) on card l s c failed the signaling test. The signal concentrator on the SL-1 line card also failed. Error code BSD501 is implied for the telephones listed. Probable fault on:

1. a SL-1, a DLC line card l s c, or an ISDLC line card l s c.

2. The Peripheral Buffer on shelf l s I.

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 32. Identify and attempt to enable the disabled PE or IPE card with the commands STAT l s c and ENLL l s c. Replace PE or IPE cards that remain disabled.

2. Go to LD 32. Identify and attempt to enable disabled PB cards with the commands STAT l s and ENLL l s. Replace PB cards that remain disabled.

Note: If a unit number is preceded by a minus sign, the unit was disabled.

BSD0501 l s c u SL-1 or Digital telephone associated with TN l s c u failed the signaling test. If the unit number (u) is preceded by a minus sign, the telephone was disabled. SL-1 or Digital telephone fault or possible line circuit fault on the SL-1 or ISDLC line card indicated.

Action: Go to LD 32. Use the STAT command to check the status of both the PE/IPE cards and units. If STAT reveals that there is a faulty telephone, disconnect it and replace it with an operative telephone. If the new phone fails to work, check the wiring between the PE/IPE shelf backplane and the telephone.

If STAT reveals that a faulty PE or IPE card exists, attempt to enable it using the ENLL command. If the card remains inoperative, replace it.

BSD0600 L1 L2 Ln g Loops L1, L2, etc. on group G could not transmit to any other group. Intergroup Switch fault.

Action: Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

BSD0601 j1 j2 g No loop tested on groups could receive from junctor J1, J2 or faults:

1. IGS
2. 3PE
3. SCG

Action: The following actions correspond numerically to the fault locations listed above:

1. Go to LD 39. Use the commands STAT IGS x and ENL IGS x to identify and enable disabled IGS cards. If the IGS card cannot be enabled, replace it. Run LD 45 to confirm that the fault has been cleared.

2. Identify and attempt to enable disabled extender pairs (associated with the Segmented Bus Extender card and 3 Port Extender card) with the commands STAT EXT and ENL EXT x. Replace extender cards that remain disabled.

3. Get status of SCG0 (if clock controller, go to Input/Output guide, LD 60). Replace the disabled SCG card and run LD 45 (BSD) again to verify fault cleared.

BSD0602 loop Digital Trunk Interface (DTI) or Digital Link Interface (DLI) loop failed on the signaling test.

BSD0603 loop A previously faulty Digital Trunk Interface or Digital Link Interface loop passed the signaling test.

BSD0604 Manual continuity test number does not match data entered.

BSD0606	It is not applicable to XNPD card.
BSD0659	Cannot perform test on non-BRSC card. Loopback address must be a BRSC card TN plus a dummy unit number. **Action**: Enter a BRSC card TN plus a dummy unit number.
BSD0660	Cannot preform test on the ISDN line card or DSL. The BRSC BRI application that performs Layer 2 signaling processing for the line card or DSL must be in ENABLED state. **Action**: Check the BRSC state and enable it if necessary.
BSD0661	Cannot perform test on the BRSC. **Action**: The BRSC BASE application must be in ENABLED state and the BRI application must be in MANUALLY DISABLED state. If the BRI application is enabled, disable only the application in LD 32 with the DISC BRI command. If the BASE application is disabled, enable only the BASE application in LD 32 with the ENLC BASE command.
BSD0662	Input TN is already in another test. Enter another TN.
BSD0663	Input DSL TN is undefined. Enter another DSL TN.
BSD0664	Do not test a phantom loop, since it does not physically exist.
BSD0665	Fiber link status has been changed.
BSD0800	Command executing.
BSD0801	No Call Register available.
BSD0802	No superloop Network card.
BSD0803	No Controller card.
BSD0804	Requested time slot is busy.
BSD0805	No time slots free on superloop. If test is run on E-1 or T-1, the timeslot may not be available because of the specific timeslot to a carrier allocation.
BSD0806	Loop back channel not available.
BSD0807	Time-out waiting for network response.
BSD0808	Requested TN is busy.

BSD0809 Requested TN is maintenance busy.

BSD0810 Controller does not belong to Controller.

BSD0811 No terminal at that TN.

BSD0812 Digital terminal at that TN.

BSD0813 Slot on requested junctor is busy.

BSD0814 No junctors available for generate slot.

BSD0815 Wait for prompt.

BSD0816 Tags not available.

Action: Stop a test by executing XSTP command and try again.

BSD0817 Generate message could not be sent. The system is temporarily out of message registers.

Action: Wait and try again.

BSD0818 Detect message could not be sent. The system is temporarily out of message registers.

Action: Wait and try again.

BSD0819 XMI message could not be sent. The system is temporarily out of message registers.

Action: Wait and try again.

BSD0820 Last one-shot test still running.

Action: Wait until the test is completed or stop the test by executing XSTP 0 command and try again.

BSD0821 Tag number has not been assigned to a test.

BSD0822 Database error: pointer nil.

BSD0823 One-shot status not printed.

Action: Use XSTA command to get the test status.

BSD0824 Loop is disabled.

BSD0825	Controller card is disabled. **Action**: Enable the card before performing the test.
BSD0826	The DSL is disabled. **Action**: Enable it before performing the test.
BSD0827	Message could not be sent to the MISP application. **Action**: Check the MISP and the application status.
BSD0828	Message could not be sent to the MISP because the MISP express output buffer is not available.
BSD0829	Cannot do loopback on a non-BRI line card.
BSD0830	The loop back test can only be performed between an MISP card and one of the BRI line cards assigned to it.
BSD0831	MISP does not respond; use XSTP command to terminate test. The Network card may have no recollection of the command, or the card was not able to communicate with the Meridian 1.
BSD0832	Suspended tags refer to test cases where the Network card did not acknowledge the reception of the test message. **Action**: Use the command XSTP to free the test case.
BSD0833	Not able to send message to the MISP. **Action**: Check the MISP status.
BSD0834	Line cards not defined at the specified DSL.
BSD0835	All DSLs must be in disabled state.
BSD0836	The network loop is not an MISP card.
BSD0837	Test case number does not match its test data.
BSD0838	Command not applicable to Network/DTR card.
BSD0839	DSInvalid L TN used or already in test.
BSD0840	MPH application is not defined in this MISP loop.
BSD0841	LBTY entered does not match with GEN TYPE.

BSD0843 NWIF is not defined.

BSD0844 State of IF for MPH application is not in MDIS EQUIP.

BSD0845 Invalid MCU TN.

BSD0899 Invalid input.

Action: Re-enter command.

BSD0900 Command executing.

BSD0901 No Call Register available.

Action: Wait and try the command again. If the problem persists, increase the number of call registers in LD 17.

BSD0902 No Network card (NT8D04).

Action: Enter the correct shelf number.

BSD0903 No Controller (NT8D01).

Action: Be sure you entered the correct shelf number.

BSD0904 Requested timeslot is busy.

BSD0905 All time slots on that superloop are busy.

BSD0906 Loopback channel is not available.

BSD0907 XMI message was lost.

Action: Try the test again. If the problem persists, check the status of the Network card.

BSD0908 Requested TN is busy.

BSD0909 Requested TN is disabled or maintenance busy.

BSD0910 Controller (NT8D01) does not belong to that Network card.

Action: Try the other shelf.

BSD0911 No terminal at that TN.

BSD0912 Digital terminal at that TN.

BSD0913 Slot on requested junctor is busy.

BSD0914 No junctors available for generator slot.

BSD0915 Wait for prompt.

BSD0916 No free tags.

Action: Stop one of the other running or completed tests by using XSTP command and start again.

BSD0917 Could not send Generate message. The system is temporarily out of message registers.

Action: Try the command again.

BSD0918 Could not send Detect message. The system is temporarily out of message registers.

Action: Try the command again.

BSD0919 Could not send XMI message. The system is temporarily out of message registers.

Action: Try the command again.

BSD0920 Last one-shot test is still running.

Action: Wait for the test to complete or stop it using XSTP 0.

BSD0921 Tag number is idle.

Action: Use the XNIF command to get a list of completed and running tests.

BSD0922 Database error: pointer is nil.

BSD0923 One-shot test status not printed.

Action: Get the test status by using the XSTA 0 command.

BSD0924 Network card (NT8D04) is disabled.

BSD0925 Controller card (NT8D01) is disabled.

BSD0926 TN is disabled.

BUG: Software Error Monitor

The Software Error Monitor program monitors call processing continuously. When the call processing software detects information that is not in the correct format, or when invalid information is detected, a BUG message is output. Hardware problems are generally reported with ERR messages.

BUG messages generally appear in the following format:

BUGxxx <return address stack>

Some messages contain a second line with additional data, as listed below. In listing parameters, the symbol *(ptr) is used to abbreviate common lists:

(crptr)
CRWORD 0 :ptr (progress marks and types)
ORIGTN:ptr
TERTN:ptr
QUEUEIN:ptr

BUG messages

BUG0001 Global procedure missing. Procedure NOGLOBAL

BUG0002 {main auxpm} {origtn tertn} {attncustno} In the procedure THROUGH_DIAL, Attendant Through Dialling conditions are met whereas the Attendant Through Dialling feature is denied.

BUG0003 When providing conference for music, the conference loop stored in protected line block does not match the loop stored in the Call Register of the TERTN. Procedure: PROVIDE_CONFERENCE, file: MUSIC.

BUG0004 pd EUROMCID_HANDLER has been called with an invalid source parameter.

Action: Contact your technical support group.

BUG0005 Invalid ORIGTN in 128 ms timing list. *(CRPTR). Procedure WORKSHED

BUG0006 pd MCID_ACT_REQ incorrect msgcr pointer.

Action: Contact your technical support group.

BUG0007 Call Register (CR) does not point back to trunk Block. *(ACTIVEPTR) Procedure WORKSHED

BUG0008 Input Message from an invalid card type. CARDTYPE, TN Procedure WORKSHED

BUG0009 pd MCID-ACT-REQ incorrect state of the EUROISDN trk over which MCID is attempted, must be established or disconnected.

Action: Contact your technical support group.

BUG0010 Invalid TERTN in 128 ms timing list. *(CRPTR) Procedure WORKSHED

BUG0011 CR linked in RING_QUEUE; timer value not allowed. Procedure WORKSHED

BUG0012 This BUG message is outputted from patches (patches 529, 752). It is for debugging purpose only. Ignore this message.

BUG0013 This BUG message is outputted from patches (patches 537, 562, 574, 653, 731, 752). It is for debugging purpose only. Ignore this message

BUG0014 pd MCID_ACT_REQ could not get a call register to handle MCID signalling (MCID_PROT_CR).

Action: Contact your technical support group.

BUG0015 Trying to find a path to an unequipped loop. ULPXPTR or ULPYPTR = NIL. Procedure FINDONEWAY. Output: TN1, TN2 (unpacked format).

BUG0016 pd MCID_ACT_REQ could not link the protocol cr to the msg cr.

Action: Contact your technical support group.

BUG0017 pd MCID_SND_FAC could not get a call register to build the facility msg.

Action: Contact your technical support group.

BUG0018 pd MCID_RCV_RES on reception of the result to an MCID request could not find the MCID protocol cr.

Action: Contact your technical support group.

BUG0019 pd MCID_RCV_RES checks on apdu received unsuccessfully.

Action: Contact your technical support group.

BUG0020 Ujunctor group pointer = NIL. Two given loops on different groups. LOOP1, LOOP2 Procedure PATHFIND

BUG0021 pd MCID_RCV_RES invalid value of rose component, must be ret-res, reject, ret-err.

Action: Contact your technical support group.

BUG0022 pd MCID_RET_ERR invalid tag for error value.

Action: Contact your technical support group.

BUG0023 BLOCK_PTR could not be found in specified queue. Procedure PATHFIND

BUG0024 BLOCK_PTR could not be found in specified queue. Procedure PATHFIND

BUG0025 Ujunctor group pointer = NIL. Two given loops on different groups. LOOP1, LOOP2 Procedure PATHIDLE

BUG0026 pd MCID_RET_ERR invalid value of the error for MCID service.

Action: Contact your technical support group.

BUG0027 Invalid entry in Index Table.

BUG0028 pd MCID_RCV_MSG unexpected msg sent during MCID process.

Action: Contact your technical support group.

BUG0029 pd MCID_SND_MSG unexpected message sent during MCID process.
Action: Contact your technical support group.

BUG0030 Trying to idle path for nonexistent/unequipped loop or slot zero. TN1, TN2 (unpacked format), SLOT Procedure PATHIDLE

BUG0031 pd MCID_IDLE_CR the MCID protocol call register is invalid.

Action: Contact your technical support group.

BUG0032 NXT_TTR_THIS_GRP is corrupted. Value is reset. :TTR_GROUP, NXT_TTR_THIS_GRP [TTR_GROUP]

Action: Contact your technical support group.

BUG0033 Physical TN and Virtual TN pointer mapping Invalid.

BUG0035 One of the two loops is unequipped. ULP_PTR = NIL. LOOP1, LOOP2 Procedure SETONEWAY

BUG0040 One of the loops involved in the connection is

a) Not equipped (ULP_PTR = NIL)

b) Not TERM_LOOP or CONF_LOOP

c) Not enabled

d) Slot is zero.

LOOP1, LOOP2, SLOT Procedure NTWKMEMORY

BUG0050 Unable to find and remove the Call Register. Procedure FINDREMOVE

BUG0055 TERMINAL does not match either TN in Call Register. Disconnecting TN, ORIGTN, TERTN, ORIGPM (TN in packed format) Procedure DISCONNECT

BUG0056 Call in .RAN_WAITING with non-zero TERTN. Procedure DISCONNECT

BUG0057 Attempt to disconnect terminal from nonexistent or disabled conference loop. Procedure DISCONNECT

BUG0058 Attempt to set up simple call between nonexistent or disabled terminals. Procedure DISCONNECT

BUG0059 Attempt to disconnect nonexistent or disabled trunk from conference. Procedure DISCONNECT

BUG0060 TNTRANS fails. Procedure LINKCONF

BUG0065 Message to a loop where looptype is not equal to TERM_LOOP TN (packed), LOOPTYPE Procedure PERIPH_MSG

BUG0070 Timing lost with call in .OUTPULSING state. ORIGTN, DIGITLOAD, DIGITUNLOAD, CRDIGITS(0) CRDIGITS(3) (TN in packed format, digits in packed hex). Procedure DIGPROC

BUG0071 Illegal intercept condition. Procedure DIGPROC

BUG0072 Failed to set customer pointers. Procedure LIN500

BUG0073 Invalid call to procedure TRK_ACCESS. Procedure LIN500

BUG0074 500-type set on-hook but still engaged in PBX half disconnect timing. Procedure LIN500

BUG0075 PBX line has been software busy but PM = .IDLE. Cleared now. TERMINAL, *(CRPTR) Procedure LIN500

BUG0076 Reportid report_number. The BUG0076 is printed out to warn that the following report_id and report_number event could not be printed out by the evtServer.

Example: reportid = BUG

report_number = 5555

If more than 63 BUG5555 are printed out within a minute BUG0076 : BUG5555 is printed.

Action: Report problem on the tty.

BUG0077 CED feature: the Digitone Receiver monitoring could not be started correctly because some information is missing.

BUG0078 CED feature: the Digitone Receiver monitoring could not be stopped correctly because some information is missing.

BUG0079 NWK_DROP_BACK flag is cleared.

BUG0080 Invalid switch hook state in .READY state. (should be off-hook) TERMINAL (packed format), *(CRPTR) Procedure LIN500

BUG0083 Quotient out-of-range in the procedure BCH_TO_TN.

BUG0084 Data corruption in data block BFS_TN_MON.

Action: Contact your technical support group.

BUG0085	Invalid switch hook state in .RINGING state. (should be off-hook) TERMINAL (packed format), *(CRPTR) Procedure LIN500
BUG0086	Corrupted BFS_TN_MON. **Action:** Perform a manual INI to rebuild the BFS_TN_MON or contact your technical support group.
BUG0090	TNTRANS fails. TN (unpacked format) Procedure CTICHECK
BUG0095	XFER lamp winking but no hold situation. TERMINAL, *(CPRTR) Procedure BCS/CALL_TRANSFER
BUG0096	CONF_HAS_WTD_MEM - GLOBAL BCS1; conference pointer nil or not a conference group. Procedure BCS/CALL_TRANSFER
BUG0100	TNTRANS fails. *(CRPTR) Procedure BCS/CALL_TRANSFER
BUG0101	ACTIVECR (PBX case) or KEYLINK (SL-1 case) points to an address not in CR range. Station TN, SSDKEY, KEYLINK, (packed) Procedure GET_KEYLINK
BUG0105	Double timeslot problem prevented. TN is printed. Procedure CLEAR_NTWK
BUG0109	Action for RMK could not be identified. Procedure INITCR
BUG0110	TERMINAL does not match ORIG_ITEM. TERMINAL Procedure INITCR
BUG0111	Call Register is not in range. Procedure IDLECR
BUG0115	TERMINAL does not match DN or TN in Call Register. TERMINAL (packed format), *(CRPTR) Procedure LIN500 / DNKEY / FORCEDISCONNECT / DISCONNECT
BUG0120	ACTIVECR points to an idle CR or to a CR with no matching TN. Procedure TRUNKS/COTRUNK
BUG0125	Off-Hook from a ground start trunk in half disconnected state. Procedure TRUNKS/CO_INCOMING
BUG0130	ACTIVECR points to an idle CR or to a CR with no matching TN. Procedure TRUNKS/EM_DX_TRUNK
BUG0135	ACTIVECR points to an idle CR or to a CR with no matching TN. Procedure TRUNKS/LOOPSIG_TRUNK
BUG0140	Invalid PM state (.IDLE) Procedure TRUNKS/TIE_INCOMING

BUG0145	Off-hook from TIE trunk in half disconnected state. Procedure TRUNKS/ TIE_INCOMING
BUG0150	Off-Hook from TIE trunk in .READY state. Procedure TRUNKS/TIE_INCOMING
BUG0155	Invalid CO trunk timeout. Procedure INCOMING_TRUNK_TO
BUG0160	Invalid trunk timeout. Procedure OUTGOING_TRUNK_TO
BUG0161	Invalid timeout from AUTOVON trunk. Procedure OUTGOING_TRUNK_TO
BUG0165	ATTNCUSTNO:CRPTR and CUSTNO:PLORIGPTR do not match. ATTNCUSTNO, CUSTNO, TN (packed format), *(CRPTR) Procedure DIGPROC
BUG0166	SET_ROUTE_PTRS fail. TN, ROUTE NUMBER, CUSTOMER NUMBER. Procedure DIGPROC
BUG0167	EMP PATH; outpulsing trunk TN invalid. Procedure DIGPROC
BUG0170	KEYLINK (SL-1) or ACTIVECR (PBX) = NIL when another set with same DN is active in conference. TN (unpacked format), DN (packed hex format), *(CRPTR) Procedure DISCONNECT/TNACTIVTEST
BUG0175	DN of a station trying to restore a held call does not match DN of ORIGTN:CRPTR or TERTN:CRPTR. TN (unpacked hex format), DN (packed hex format), *(CRPTR) Procedure RESTORE
BUG0180	Termination on original station fails after Call Forward—No Answer is denied due to blocking. *(CRPTR) Procedure CALLFW_NA
BUG0181	Termination on call forwarded station fails after Call Forward—No Answer. *(CRPTR) Procedure CALLFW_NA
BUG0185	ORIGPM is not .RINGING or .BUSY or .REORDER after doing Call Forward—No Answer Dialed DN, CFNA_DN (DNs in packed hex format), *(CRPTR). Procedure: DISC_TER
BUG0190	Call Register out-of-range. *(CRPTR) Procedures LINK & UNLINK
BUG0191	Attempted to link Lockout Call Register into a queue. No Call Register was linked into any queue.
BUG0194	Attempt to remove CR from CDR queue while queue is protected. Procedure REMOVE
BUG0195	BLOCK_PTR could not be found in specified queue. Procedure REMOVE

BUG0196 Call Register is out-of-range. {CRPTR} {TERMINAL} {ORIGITEM} {TERITEM} Procedure REMOVECRPTR

BUG0200 Attempt to store more than 11 parms in a print register. Procedure STORE_PARM

BUG0201 Attempt to store parm into an empty print queue. Procedure STORE_PARM

BUG0205 Print register contains invalid parm type. *(ADDRESS(PRINT_REG) Procedure PRINT_TASK

BUG0210 No Call Register available. Procedure DIGITKEY

BUG0211 Idle station but active CR in line card. TN (packed format) Procedure DIGITKEY

BUG0215 SRC connection of attendant not jointly held. TN (packed format) Procedure LOOPKEY

BUG0220 Loop lamp lit but active loop not set to correct loop number TN, LOOP, ACTIVELOOP Procedure LOOPKEY

BUG0221 Queue time out-of-range (traffic statistics problem). Queue Delay Time, Traffic Time, Queue Insert Time, Current Time-of-Day. Procedure LOOPKEY

BUG0225 More than the expected two party conference. NUMBER OF CONFEREES Procedure RLSKEY

BUG0230 Invalid TN. TN Procedure RLSKEY

BUG0235 Invalid DEST lamp state. STATE Procedure RLSKEY

BUG0240 Invalid SRC lamp state. STATE Procedure RLSKEY

BUG0241 A loop on the attendant console (TERMINAL) is being idled but the SRC link is NON-NIL.

Action: See action for BUG242. *(CRPTR) TERMINAL Procedure RLSKEY

BUG0242 A loop on the attendant console (TERMINAL) is being idled but the DEST link in NON-NIL. *(CRPTR) TERMINAL Procedure RLSKEY

Action: In the case of BUG241 and BUG242, determine, if possible, the type of call being Processed at the time the message appeared. Determine also the actions of the TN from *(CRPTR). It is possible that Call Registers could be lost. Repeating BUG messages of the type above must be followed by running AUDIT.

BUG0245 Night lamp is lit but position busy lamp is not. TN Procedure NITEKEY

BUG0250	No call of that type in attn queue but queue count states otherwise. ICITYPE, QUEUE SIZE Procedure ICIKEY
BUG0255	Flash recall but unit type is not .PBX TN, TYPE Procedure ICIKEY
BUG0260	Call Register is not linked to attendant. *(CRPTR) Procedure ONHOOK
BUG0265	Invalid destination lamp state. STATE Procedure ONHOOK
BUG0270	Terminal does not match ORIG_ITEM.TERMINAL, *(CRPTR). Procedure: ONHOOK
BUG0275	Invalid lamp states. STATE Procedure OFFHOOK
BUG0280	Connection does not correspond to lamp state. STATE, *(CRPTR). Procedure: ATTNHOLDKEY
BUG0285	Invalid destination connection. (CRPTR) Procedure ATTNHOLDKEY
BUG0286	The attendant-reserved slot of a held call and the slot actually used by the station do not match. RESERVED SLOT on attendant console is updated to value TALKSLOT. ORIGTN, TERTN, TALKSLOT, RESERVED SLOT. Procedure ATTNHOLDKEY
BUG0290	No third Call Register reserved after attendant hold and release. ATTN_TN Procedure RESETHOLD
BUG0295	No attendant unit type in Call Register. *(CRPTR) Procedure RELINK
BUG0296	Invalid customer number. Procedure OFFER_ATTN_RTSA
BUG0297	Invalid Attendant number. Procedure OFFER_ATTN_RTSA
BUG0298	Invalid ATTN_OFFER_TYPE parameter. Procedure OFFER_ATTN_RTSA
BUG0300 (135)	Invalid TN translation. TN Procedure ATTNPATHS
BUG0305	Invalid TN translation. TN Procedure RELEASE
BUG0310	Invalid attendant number. CUSTOMER, ATTN_NUMBER Procedure SETATTNPTRS
BUG0313	Shorter DN conflict. Procedure SETATTNPTRS
BUG0314	Shorter DN conflict. Procedure SETATTNPTRS
BUG0315	Invalid customer number. CUSTOMER NUMBER. Procedure SETCUSTPTRS

BUG0320 TD_G_LOOP:CRPTR not a tone loop. LOOP, *(CRPTR). Procedure REMOVETONETER

BUG0321 Same as BUG320 but loop_type not MF_SENDER. Procedure REMOVETONETER

BUG0325 TD_G_LOOP:CRPTR not a tone loop. LOOP, *(CRPTR) Procedure IDLETONE

BUG0330 Traffic start times mismatch. PRESENT_TIME, TNX, TNY, CALL_TYPE, START_TIME1, START_TIME2, TIME_SLOT, START_TIME3, START_TIME4

For Meridian SL-1 N and XN machines with Generic X11: TIME_SLOTX, TIME_SLOTY. Procedure PATHIDLE

Call Types:

0 Dial tone

1 Busy

2 Overflow tone

3 Ringback tone

4 Ring tone

5 Miscellaneous tone

6 Outpulser

7 -

8 Digitone

9 Incoming trunk

10 Outgoing trunk

11 Intra

12 Tandem trunk

13 Reserved connection only

BUG0333 Flexible tone table does not exist for this customer. Procedure SETTONE

BUG0335 Invalid argument to AIOD_MODULE. SOURCE Procedure AIOD_MODULE

BUG0336 Invalid customer number or route number from CO trunk. CUSTNO, ROUTENO, TN. Procedure AIOD_MODULE

BUG0340 Invalid TN. Minor alarm lamp lit on attendant console. Procedure AIOD_MODULE

BUG0345	Invalid unit type from ORIGTN. ORIGTN, TYPE. Procedure AIOD_MODULE
BUG0350	Invalid AIOD progress mark. AIOD_TN, PROGRESS MARK Procedure AIOD_MODULE
BUG0355	Fail PERIPH_MSG. Minor alarm lamp lit on attendant console. TN, MSG. Procedure AIOD_MODULE
BUG0360	Invalid card type from force disconnect. TN, AIOD CARD TYPE. Procedure AIOD_MODULE
BUG0365	Network map indicates timeslot is idle but network memory is not idle. TN1, TN2 (packed format), BADLOOP, SLOT1, SLOT2, CONTENTS. 811 and 911 versions: DATA0, DATA1. Procedure PATHFIND
BUG0370	Network map indicates timeslot is idle but network memory is not idle. TN1, TN2, BADLOOP, SLOT, CONTENTS. Procedure PATHFIND
BUG0371	TN3, *(ACTIVECR OF TN3), TALKSLOT_JUNC.ACTIVECR OF TN3. Procedure PATHFIND
BUG0372	TN4, *(ACTIVECR OF TN4), TALKSLOT_JUNC.ACTIVECR OF TN4. Procedure PATHFIND. TN1, TN2 are the TN involved in the call to pathfind. TN3, TN4 are the TN diagnosed as Being involved in a connection using the timeslot in question.
BUG0375	No conference pointer. *(CRPTR). Procedure REM_BI_BV_TONE
BUG0380	No destination pointer when removing tone. *(CRPTR). Procedure REM_BI_BV_TONE
BUG0385	CRPTR = NIL. Procedure REMOVEQ
BUG0390	CRPTR = NIL. Procedure INSERTQ
BUG0395	Invalid customer number in Call Register. *(CRPTR), ATTNCUSTNO (decimal). Procedure INCR_ATTN_QU
BUG0400	Invalid customer number in Call Register. *(CRPTR), ATTNCUSTNO (decimal). Procedure DECR_ATTN_QU
BUG0405	Number to be displayed is negative. NUMBER (hex). Procedure DECIMAL_CONVERT
BUG0410	Number cannot be represented in specified number of digits. NUMBER, DIGITS. Procedure DECIMAL_CONVERT

BUG0415	Invalid software trunk state detected. Far-end ONHOOK simulated. TN, TRUNKPM, *(CRPTR). Procedure TRUNKS
BUG0420	ORIGTN or TERTN to be idled in Call Register does not match the TN pointed to by ITEMPTR. Procedure TRUNKS
BUG0424	Invalid trunk state. Procedure TRUNKS
BUG0425	Attempt to seize a non-idle trunk. TN. Procedure TRUNKS
BUG0426	A NWK route access code is not stored in the system memory. Procedure TRUNKS
BUG0427	A call through the NWK trunk is camped on but the Call Register is not pointing to the trunk. The call is disconnected. Procedure TRUNKS
BUG0428	The NWK trunk which was to be reused had already been reused. Procedure TRUNKS
BUG0429	Input received by sender/receiver not associated with active Call Register. Procedure TRUNKS
BUG0430	Invalid CDR request. Procedure CDR
BUG0435	TNTRANS on ORIGTN or TERTN failed. Procedure CDR
BUG0440	TNTRANS on TERTN failed. Procedure CDR
BUG0445	Invalid UNITTYPE detected. Procedure CDR
BUG0450	Invalid RECTYPE detected. Procedure CDR_TAPE
BUG0455	CDR_BIT was set for trunks being idled. TN, *(CRPTR). Procedure IDLETRUNK
BUG0456	IDLECR CDR multiple call transfer. Procedure IDLETRUNK
BUG0460	An attempt to write to protected data store, location 0 by any of the Data Administration Programs. Procedure WRITEPDS
BUG0461	WRITEPDSBIT_: an attempt to write to protected data store, location 0 by any of the Data Administration Programs. Procedure WRITEPDS
BUG0470	Attempt to transfer to attendant illegal unit (i.e., attendant). Procedure XFERATTN
BUG0474	CRPTR not in CR range. {TN} {CRPTR} {CRWORD(0)} {ORIGNTN}{TERTN} {QUEUE_IN}. Procedure RAN_MODULE

BUG0475	CRPTR = nil in entry to RAN_MODULE. Procedure RAN_MODULE
BUG0476	Invalid RAN_STATE from RAN_TRUNK_TO. Procedure RAN_MODULE
BUG0477	Invalid argument from PERPHI_MSG. Procedure RAN_MODULE
BUG0478	ULRANPTR = nil in removing timing block. Procedure RAN_MODULE
BUG0479	RAN_ITEM is not an RAN trunk. Procedure RAN_MODULE
BUG0480	Try to write protected location 0 (i.e., Checksum). Procedure WRITEPDS_
BUG0481	Attempt to write unprotected location. Procedure WRITEPDS_
BUG0482	Attempt to get unprotected storage on protected page. Procedure GETPDATA
BUG0483	Attempt to get protected storage on unprotected page. Procedure GETPDATA
BUG0484	Attempt to write to program store area. UGLOB3: Procedure WRITEPDS@. Procedure GETPDATA
BUG0485	Invalid parameter passed to PROCEDURE OVERLOAD. Procedure OVERLOAD
BUG0486	Not allowed to write at this location (SL-1 SN and ST). Procedure WRITEDDS
BUG0490	A father Call Register is trying to create a fourth son (only allowed to create a maximum of 3 sons), or Son Process type greater than maximum allowed for the SL-1 system. Procedure File AUXNNN
BUG0491	Either father or son is not a Call Register. Procedure File AUXNNN
BUG0492	The SON_CR pointer passed in does not point to a CR (X08). Illegal process ID in father Call Register (X11). Procedure CREATE_SON
BUG0493	Attempt to attach more than one son Call Register of the same type. Procedure CREATE_SON
BUG0494	Broken queue in auxiliary Call Register when attempting to add a new son to the father (X08). The FATHER_CR pointer passed in does not point to a CR (X11). Procedure CREATE_SON
BUG0495	Circular linked list is probably broken (i.e., have looped more than the maximum no. of sons allowed). Procedure REMOVE_SON
BUG0496	Trying to remove a nonexistent son. Procedure REMOVE_SON

BUG0497	Trying to remove a son when no sons exist (i.e., there is no circular list). Procedure REMOVE_SON
BUG0498	FATHER_CR is not a Call Register. Procedure REMOVE_SON
BUG0499	There is no circular linked list for the FATHER_CR. Procedure FIND_SON
BUG0500	Trying to find a son Call Register when no circular list exists. Procedure FIND_SON
BUG0501	The FATHER_CR passed in is not a CR. Procedure FIND_SON
BUG0502	There is no circular list for the SON CR passed in. Procedure FIND_FATHER
BUG0503	The SON CR passed in is a FATHER CR. Procedure FIND_FATHER
BUG0504	There is no father in the list or the circular list is corrupted. Procedure FIND_FATHER
BUG0505	The SON CR passed in is not a CR. Procedure FIND_FATHER
BUG0506	Father does not exist or circular list structure has been broken or corrupted. Procedure REMOVE_AUXCR
BUG0507	The CR passed in is not a CR. Procedure REMOVE_AUXCR
BUG0510	Invalid function code passed to RPE_MODULE. Procedure RPE_MODULE
BUG0511	RPE function requested on non-RPE loop. Procedure RPE_MODULE
BUG0512	RPE function requested for disabled loop. Procedure RPE_MODULE
BUG0513	Pointer to unprotected loop block or to either RPE data block is nil. Procedure RPE_MODULE
BUG0514	Invalid RPE queue function code. The RPE block is removed for the queue. Procedure RPE_MODULE
BUG0515	Invalid RPE timer function code. The RPE block is removed from the 2 s queue. Procedure RPE_MODULE
BUG0516	Bad RPE queue function. RPE block removed from queue. Procedure RPE_MODULE
BUG0517	Bad RPE timeout type. No time-outs performed. Procedure RPE_MODULE
BUG0518	RPE timing block overflowed. Alarm is not timed. Procedure RPE_MODULE

BUG0520	Idling a Call Register that is still linked as an auxiliary Call Register. Call Register idle and a task request for Audit is made. Procedure IDLECR_
BUG0525	Used in AUX but unreported. Procedure AUX
BUG0526	Used in AUX but unreported. Procedure AUX
BUG0528	CRPTR = nil in entry to ANI_MODULE. {CRPTR} {CRWROD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0529	TDS should not connect at that time. Procedure ANI_MODULE
BUG0530	Invalid TN. Procedure ANI_MODULE
BUG0531	Invalid state. {TN} {SOURCE} {ANI_PM} {AUX_PM} {TRK_IN}. Procedure ANI_MODULE
BUG0532	AUX_CRPTR = nil in entry to ANI_MODULE. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0533	Trunk TN for CAMA trunk is not set up in Call Register. Procedure ANI_MODULE
BUG0534	Invalid ORIGTN. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0535	INVALID_DN for ORIGTN. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0536	Call Register pointed by CRPTR is not main call register or ANI Call Register. {CRPTR} {CRWORD (0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0537	Invalid customer number or route number. {ROUTE NUMBER} {CUSTOMER NUMBER} {AUX CRPTR}. Procedure ANI_MODULE
BUG0538	Invalid CUSTOMER NUMBER. {TN} {CUSTOMER NUMBER} {CRPTR} {CRWORD(0)}{ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0539	Invalid ROUTE NUMBER or CUSTOMER NUMBER in ANI_GET_CR_TONE. Procedure ANI_MODULE
BUG0540	Cannot find ARS Call Register. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0541	No ARS_ROUTEPTR when mashing digits for supposedly good trunk. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE

BUG0542	Digits fail DNTRANS2 when mashing digits for supposedly good trunk.*CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0543	Incorrect ARS_PM in ARS timeout. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0544	Cannot idle ARS Call Register. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0545	Cannot ARS translate digits after RING_AGAIN activated. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0546	ARS route changed in error. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0550	Invalid TN. Procedure VCOM
BUG0555	CAMS nesting level exceeded. Procedure START_CAMS
BUG0556	Parameter passed to START_CAMS is out-of-range. Procedure START_CAMS
BUG0560	CAMS nesting underflow; i.e., STOP_CAMS called before START_CAMS. Procedure STOP_CAMS
BUG0565	SET_ROUTE_PTRS failed on a RAN route. Route, Cust, DIGIT_WORDS(0), * (CRPTR). Procedure GIVE_ROA
BUG0566	IDLE_AUXCR failed. CRWORD(4), AUXLINK, * (CRPTR). Procedure IDLE_ROA_CALL
BUG0567	DENY_TONES, TN_TRANS, fails. Procedure IDLE_ROA_CALL
BUG0568	DENY_TONES, Call Register does not point to conference. Procedure IDLE_ROA_CALL
BUG0569	A son CR other than AUTH, ARS or CHARGE was found. Procedure RGA
BUG0570	Call Register said trunks but DN did not. *(CRPTR). Procedure RGA
BUG0571	A TERTYPE other than set was found in the RGA set queue. *(CRPTR). Procedure RGA
BUG0572	SETCUSTPTRS failed on CR in RGA trunks queue. *(CRPTR). Procedure RGA
BUG0573	TNTRANS of TERTN failed in FREE_TRUNK. *(CRPTR). Procedure RGA
BUG0574	Invalid RGA Call Register passed to DISCONNECT. Procedure RGA

BUG0575	CANCEL called with invalid AUXPM. *(CRPTR). Procedure RGA
BUG0576	Ring Again activated against a DN that was not a set or a trunk. DIGIT_WORDS 0 :CRPTR, *(CRPTR). Procedure RGA
BUG0577	When processing the Ring Again set queue, an invalid DN or TN was encountered. DIGIT_WORDS 0 :CRPTR, *(CRPTR). Procedure RGA
BUG0578	Unexpected Routes searched by ARS.
BUG0579	Nil pointer passed to RGA_SEARCHROUTE. Procedure RGA
BUG0580	Invalid conference loop passed to LINKCONF. Procedure LINKCONF
BUG0590	Too few digits in DN. Procedure SCRSA
BUG0591	Invalid DN. Procedure SCRSA
BUG0592	DN indicates a PBX rather than a block. Procedure SCRSA
BUG0593	DN indicates a block rather than a free space. Procedure SCRSA
BUG0594	DN tree corrupt. Procedure SCRSA
BUG0595	DN indicates something other than a DN block. Procedure SCRSA
BUG0599	BREAK_IN Procedure SCRSA
BUG0600	Non CDR CR in CDR Queue.{Customerid} {Port}. Procedure CDR
BUG0601	Broken CDR Queue. {Customerid} {Port}. Procedure CDR
BUG0602	Nil CDR Port Pointer. {Customerid} {Port}. Procedure CDR
BUG0603	Invalid record type in CDR Call Register {CDR_Record 7}. Procedure CDR
BUG0604	BREAK_IN - WANTED_DISC; wanted party has no link to attendant’s Call Register. Procedure BREAK_IN
BUG0605	BREAK_IN - WANTED_DISC; TNTRANS for attendant failed. Procedure BREAK_IN
BUG0606	BREAK_IN - FIND_WANTED_TN; CR, TN or TYPE of WANTED_TN is wrong. Procedure BREAK_IN
BUG0607	BREAK_IN - JOIN_CONF; conference pointer is nil. Procedure BREAK_IN

BUG0608	BREAK_IN - TNTRANS failed. Procedure BREAK_IN
BUG0609	BREAK_IN - SUCCESS; BRK_CRLINK is nil. Procedure BREAK_IN
BUG0650	ACCESS_ORIG_TER Unit type: ORIG_LINE_PTR is zero. Procedure ACCESS_ORIG_TER
BUG0651	ACCESS_ORIG_TER Unit type: ORIG_LINE_PTR is greater than .ATTN. Procedure ACCESS_ORIG_TER
BUG0652	LINE_CALL Unit type: TER_LINE_PTR is zero. Procedure ACCESS_ORIG_TER
BUG0653	LINE_CALL Unit type: TER_LINE_PTR is greater than ATTN. Procedure ACCESS_ORIG_TER
BUG0654	STN_TO_ATTN Unit type: TER_LINE_PTR is zero after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0655	STN_TO_ATTN Unit type: TER_LINE_PTR is greater than .ATTN after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0656	STN_TO_ATTN unit on DESTPTR does not tntrans for substitution. Procedure ACCESS_ORIG_TER
BUG0657	STN_TO_ATTN CRPTR does not equal SRCPTR. Procedure ACCESS_ORIG_TER
BUG0658	TRUNK_CALL Unit type: TER_LINE_PTR is zero. Procedure ACCESS_ORIG_TER
BUG0659	TRUNK_CALL Unit type: TER_LINE_PTR is greater than .ATTN. Procedure ACCESS_ORIG_TER
BUG0660	TRK_TO_ATTN Unit type: TER_LINE_PTR is zero after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0661	TRK_TO_ATTN Unit type: TER_LINE_PTR is greater than .ATTN after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0662	TRK_TO_ATTN unit on DESTPTR does not TNTRANS for substitution. Procedure ACCESS_ORIG_TER
BUG0663	TRK_TO_ATTN CRPTR does not equal SRCPTR. Procedure ACCESS_ORIG_TER

BUG0664	ATTN_CALL Unit type: ORIG_LINE_PTR is zero after substitution of NEW_TN. Procedure ACCESS_ORIG_TER
BUG0665	ATTN_CALL Unit type: ORIG_LINE_PTR is greater than .ATTN after substitution of NEW_TN. Procedure ACCESS_ORIG_TER
BUG0666	ATTN_CALL NEW_TN does not TNTRANS. Procedure ACCESS_ORIG_TER
BUG0667	ACCESS_CONF non-conference loop passed in CFTN. Procedure ACCESS_ORIG_TER
BUG0668	LEAST_RESTR_TN DNTYPE not .MIXSL-1PR_DN. Procedure ACCESS_ORIG_TER
BUG0669	RLT_REMOTE trunk on originating side of ACCESS_ORIG_TER was not intercepted to RLTR_CALL. Procedure ACCESS_ORIG_TER
BUG0670	TERTYPE not PBX or SL-1 or NNABIT set and DNTYPE not multiple appearance. *CRPTR. Procedure FIND_FRE_TN
BUG0671	Invalid unit type in ITEM. ORIG_ITEM_PTR, *CRPTR.Procedure FIND_FRE_TN
BUG0675	Invalid message type from auxiliary processor. Procedure AUX_INP_Q
BUG0676	High-speed link does not exist. Procedure AUX_INP_Q
BUG0677	Illegal attempt to put the message Call Register into the high-speed output queue. Procedure AUX_LINK_MSG_CR
BUG0680	SET_ACD_POS_PTRS encountered a station that was not a SL-1 set, did not have key 0 as an ACD key or the U_ACD_POS_PTR was NIL. TN. Procedure ACD.
BUG0681	SET_ACD_PTRS failed. CUT, DN. Procedure ACD
BUG0682	ACD_LINK failed because the Call Register was already in a queue. *(CRPTR). Procedure ACD
BUG0683	ACD_REMOVE was given a Call Register that was not in an ACD queue. *(CRPTR). Procedure ACD
BUG0684	ACD_REMOVE encountered an invalid AUXPM in an ACD Call Register. *(CRPTR). Procedure ACD
BUG0685	SET_ROUTE_PTRS failed on a RAN route. ROUTE, CUST, DIGIT_WORDS 0 , *(CRPTR). Procedure ACD

BUG0687	IDLE_AUXCR failed in IDLE_ACDRAN_CALL. CRWORD 4 , AUXCRLINK, *(CRPTR). Procedure ACD
BUG0688	Agent or call failed to TNTRANS in SUCCESSFUL_TERM. *(ACD_CALL_CR), *(ACD_AGENT_CR). Procedure ACD
BUG0689	Improper input to APPLYTERMINATION. TERTN, *(CRPTR). Procedure ACD
BUG0691	A logged on ACD agent was automatically logged out when a LD 11 change was made to that set.
BUG0693	Bad entry to ACD. SOURCE Procedure ACD
BUG0694	RAN_TIMING found ORIGTN that failed to TNTRANS. *(CRPTR. Procedure ACD
BUG0695	SET CUST PTRS failed. Customer number. Procedure ACD
BUG0696	Agent-ID to be removed cannot be found in the Agent-ID table. Customer number, Agent-ID. Procedure ACD
BUG0697	Agent-ID to be removed cannot be found in the Agent-ID table. Customer number, Agent-ID. Procedure ACD
BUG0698	Agent-ID table does not exist for this customer. Customer number. Procedure ACD
BUG0700	Invalid action requested of CAS main. Procedure ACD
BUG0701	Cannot set RLA ptrs. The data for BUG701 to BUG732 inclusive, is as follows:
BUG0702	Input parameter ’event’ is out-of-range. File CASRXXX. See BUG701 for output.
BUG0703	Invalid value for CAS_TONE. File CASRXXX. See BUG701 for output.
BUG0704	Incorrect state for receipt of .RLT_ANS_SUPV. File CASRXXX. See BUG701 for output.
BUG0705	Invalid state in flash disc. (Simple case). File CASRXXX. See BUG701 for output.
BUG0706	Invalid state in flash disc. (Conf. case). File CASRXXX. See BUG701 for output.
BUG0707	Attempt to apply Ringback to no existing source. File CASRXXX. See BUG701 for output.
BUG0708	CRPTR is not RLA_SOURCE or RLA_DEST. File CASRXXX. See BUG701 for output.

BUG0709	RLA_CONF_TN does not define a legal conference. File CASRXXX. See BUG701 for output.
BUG0710	Invalid state encountered. File CASRXXX. See BUG701 for output.
BUG0711	Members still connected to an idle conference. File CASRXXX. See BUG701 for output.
BUG0712	RLT_DISC releases the source side and encounters conference setup. File CASRXXX. See BUG701 for output.
BUG0713	RLA_PM = .RLA_EXTENDING and RLA_SOURCE = nil. File CASRXXX. See BUG701 for output.
BUG0714	ORIGTN in SCR_CR cannot TNTRANS. File CASRXXX. See BUG701 for output.
BUG0715	Invalid RLA state. File CASRXXX. See BUG701 for output.
BUG0716	Invalid tone timeout in extending state. File CASRXXX. See BUG701 for output.
BUG0717	Invalid tone timeout in SOURCE_DISC state. File CASRXXX. See BUG701 for output.
BUG0718	Invalid CONF. State in tone timeout. File CASRXXX. See BUG701 for output.
BUG0719	RLA_HALF_DISC state and data not zero. File CASRXXX. See BUG701 for output.
BUG0720	RLA_PM does not match DEST_CR state. The call is established but RLA_PM is still in extending state. File CASRXXX. See BUG701 for output.
BUG0721	CRPTR set to nil but is already nil. File CASRXXX. See BUG701 for output.
BUG0722	RLT trunk timeout but active CR is nil. File CASRXXX. See BUG701 for output.
BUG0725	RLT seizure and ACTIVECR not nil. File CASRXXX. See BUG701 for output.
BUG0726	Traffic collection - invalid duration. File CASRXXX. See BUG701 for output.
BUG0727	Call to IDLESPEECH with .ALL_PATHS when one of SRC or DEST is not there. File CASRXXX. See BUG701 for output.
BUG0728	CAS key defined on illegal set. File CASRXXX. See BUG701 for output.
BUG0729	Invalid MAINPM in Call Register. File CASRXXX. See BUG701 for output.
BUG0730	ORIGTO not in infotone CR. File CASRXXX. See BUG701 for output.

BUG0731 TERTO not allowed. File CASRXXX. See BUG701 for output.

BUG0732 Attempt to build conference connection without ORIG and TER parties. File CASRXXX. See BUG701 for output.

BUG0733 RLA index not equal to zero when presenting the call. File CASRXXX. See BUG701 for output.

BUG0735 Invalid Action--Attempting to pickup a Held Call from a trunk. File CASRXXX. See BUG701 for output.

BUG0740 Procedure SET_DISPLAY. Subprocedure ATTNSIDE failed. File DDSPXXX

BUG0741 Procedure SET_DISPLAY. Subprocedure DISPLAY_OUR_DN failed. File DDSPXXX

BUG0742 Procedure DISPLAY_MODE. 'Delay display' timer has timeout but DISPLAY key KEYLINK does not point to the CR in the timing list. File DDSPXXX

BUG0743 The LED state for the active Display key was dark or flashing. Neither state is valid. Possible loss of Call Register.

Action: Run audit (LD 44). Procedure DISPLY_KEY, file DDSPXXX.

BUG0744 Procedure DISPLAY_MODE. No Call Register attached to Display Key. File DDSPXXX

BUG0745 Invalid function code passed to SET_DISPLAY. File DDSPXXX

BUG0750 SET_CUST_PTRS failed from GET_ATTN_DN. CUST.

BUG0755 DNTRANS2 returned other than .ATN_DN in ATTN_DN_BLK_PTR. CUST, DN, DNTYPE. Procedure ATTN_DN_BLK_PTR

BUG0760 Invalid ARS termination with ALL_ARS on. Procedure ALL_ARS.

BUG0770 Originating TN in Call Register fails TN translation (X11). Invalid traffic item (X08). Procedure ARST.

BUG0771 Invalid customer number. Procedure ARST.

BUG0772 No ESN customer data block (X11). Invalid traffic item (X08). Procedure ARST.

BUG0773 Source parameter out-of-range (X11). Invalid SOURCE value (X08). Procedure ARST.

BUG0774	Unable to set up customer pointers. Procedure ARST
BUG0775	Unable to set up ARS pointers. Procedure ARST
BUG0776	No RGA son Call Register in ARS_RGA_TEST. Procedure ARST
BUG0777	ORIGTN in ROA Call Register fails to TNTRANS. Procedure ARST
BUG0780	CRPTR is invalid. Procedure DISA_MODULE
BUG0781	MAINPM .DIALING, .READY or .DELAYDIALING. Procedure DISA_MODULE
BUG0782	CUSTNO:PLORIGPTR fails SETCUSTPTRS. Procedure CHARGE_ACCOUNT
BUG0783	Extended function not .CPN_FN or .CHG_FN. Procedure CHARGE_ACCOUNT
BUG0784	CRPTR is invalid. Procedure CHARGE_AUTHCODE
BUG0785	Procedure called with an invalid SOURCE parameter. Procedure CHARGE_AUTHCODE
BUG0786	ORIGTN does not TNTRANS. Procedure CHARGE_AUTHCODE
BUG0787	CUSTNO: PLORIGPTR fails SETCUSTPTRS. Procedure CHARGE_AUTHCODE
BUG0788	AUXPM does not indicate CHARGE/CPN/AUTH. Procedure CHARGE_AUTHCODE
BUG0789	CONF_TN is not a conference loop. Procedure CHARGE_AUTHCODE
BUG0790	Son Call Register cannot be linked. Procedure CHARGE_AUTHCODE
BUG0791	There is no son Call Register linked. Procedure CHARGE_AUTHCODE
BUG0801	Invalid case in case statement. Procedure ACD_REPORTS
BUG0802	Invalid ACD_PRINT_CUSTNO Procedure ACD_REPORTS
BUG0803	No ACD_LIST_PTR for current customer. Procedure ACD_REPORTS
BUG0804	You cannot OUT SCB data block while ACD Package C reports are scheduled to
BUG0805	Nil pointers to IO_BLOCK or U_ACD_PRINT block. Procedure ACD_IO
BUG0806	Nil pointer to ACD SCHEDULE BLOCK. Procedure ACD_IO

BUG0807	Nil pointer to P_ACD_LIST or P_ACD_BLOCK or ACD_POS_LIST. Procedure CD_IO
BUG0808	ACD I/O terminal not defined in logical unit table. Procedure ACD_IO
BUG0809	Invalid TN in field ACD_POS_ID for an ACD agent position. Procedure ACD_IO
BUG0810	ACD key data not set up properly. Procedure ACD_IO
BUG0811	ACD position expected not found in ACD_POS_LIST. Procedure ACD_IO
BUG0812	The ACD supervisor that requested transfer of an agent position from one queue to another (SAPA command) cannot be found. Procedure ACD_IO
BUG0813	TEMP_STORE not large enough to receive PDATA unit table. Procedure ACD_IO
BUG0820	Invalid ACD supervisor in observe procedure. Procedure ACD_IO
BUG0821	Invalid key state for ACD supervisor observe key. Procedure ACD_IO
BUG0822	ACD supervisor’s active CR does not equal the observe key link while in observe mode. Procedure ACD_IO
BUG0823	Invalid Call Register in observe tone timeout. Procedure ACD_IO
BUG0824	Invalid Call Register used to set one way conference speech path. Procedure ACD_IO
BUG0825	Customer number greater than 31. Procedure ACD_IO
BUG0826	Illegal entry point. Procedure MUSIC
BUG0827	Conferee count for music trunk not correct. Procedure MUSIC
BUG0828	Originating side of ACD call is invalid to receive music. Procedure MUSIC
BUG0829	Conference loop on music trunk not the loop assigned. Procedure MUSIC
BUG0840	Logical page parameter out-of-range. Procedure File MEMXXX
BUG0841	Block size parameter is zero. Procedure File MEMXXX
BUG0842	Attempt to copy a data block onto itself. Procedure File MEMXXX
BUG0843	Attempt to copy a data block past the end of memory. Procedure File MEMXXX

BUG0844	Attempt to release in low (reserved) memory. Procedure File MEMXXX
BUG0845	Attempt to release beyond end of memory. Procedure File MEMXXX
BUG0850	Divide overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0851	Invalid task request: EXEC_PM, TASKPM, current request new request. Procedure File SCMMXXX (Memory Management LD 29)
BUG0852	Task stack underflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0853	Print buffer overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0854	Logical page list overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0855	Task stack overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0856	Invalid control byte in print buffer. Procedure File SCMMXXX (Memory Management LD 29)
BUG0860	Attempt to write unprotected memory using a protected write operator. Procedure WRITEPDS (X08). Invalid state of an agent position occurred. Procedure File ADSXXX (X11).
BUG0888	Sum of the variables TB_SRC_COUNT and PB_DEST_COUNT is out-of-range. Should be 0 to 7. Logic error. Contact manufacturer. Procedure TRUNK_BARRING
BUG0960	Illegal party dialed park DN. Procedure TRUNK_BARRING
BUG0961	Cannot locate park block at recall time. Procedure TRUNK_BARRING
BUG0962	Cannot locate attendant park key. Procedure TRUNK_BARRING
BUG0963	Held call could not be removed successfully from music conference. Procedure TRUNK_BARRING
BUG0964	Music source connection could not be dropped. Procedure TRUNK_BARRING
BUG0965	Bad parameters passed to start the music or stop the music from caller. Procedure TRUNK_BARRING
BUG0966	Attendant supervisor monitored attendant’s source not on line 0. Procedure TRUNK_BARRING

BUG0967	Attendant console to be monitored does not have its secondary TN on line one of the same card as its prime TN; move the secondary TN. Procedure TRUNK_BARRING
BUG0968	SON Call Register could not be released in start the music. Procedure TRUNK_BARRING
BUG0969	Bad music trunk route parameters; find music trunk. Procedure TRUNK_BARRING
BUG0970	TN two and/or three on the monitored attendant's card are currently used; delete them. Procedure TRUNK_BARRING
BUG0971	One of two loops is unequipped. ULP_PTR = NIL. Format is: LOOP1, LOOP2 Procedure TRUNK_BARRING
BUG0972	Unable to set new conference originator (COMCT). Procedure TRUNK_BARRING
BUG0973	No conference originator found (COMCT). Procedure TRUNK_BARRING
BUG0980	Unit type is not trunk. Procedure TRUNK_BARRING
BUG0981	Cannot do TNTRANS on TERTN. Procedure TRUNK_BARRING
BUG0990	Attempt to write to slot when not seized. Procedure RPS Memory Test
BUG0991	Attempt to read slot when not seized. Procedure RPS Memory Test
BUG0992	Attempt to seize slot while slot is already seized. Fatal error. Procedure RPS Memory Test
BUG0993	SETBLKPTRS failed on DISI_LOOP. DISI
BUG0994	CHECK_CONTY called when no slot seized. Continuity Test
BUG0995	Attempt to seize slot while slot already seized. Fatal error. Continuity Test
BUG0996	Attempt to issue RPD message while output in progress. Printing Routines
BUG0997	Output line buffer overflow. Printing Routines
BUG0998	Stack overflow. Fatal error. Task Stack
BUG0999	Stack underflow. Fatal error. Task Stack

BUG1000	{action TN}{current TN}{event}{action state} {state}{sub state}{process count}. Task Stack
BUG1023	Illegal trunk type for PRA outgoing call. Task Stack
BUG1300	Timeout when call is in an invalid state. RGAPM not valid. Queuing
BUG1301	TCOS value greater than 7. Queuing
BUG1302	TN translation failed for call originator. Queuing
BUG1303	Failure to set up route pointers for route in route list. Queuing
BUG1304	Inconsistent eligible route information for CBQ(a) after ERWT. Queuing
BUG1305	RGA activation occurred when call is in state that is not permitted. Queuing
BUG1306	Failure to set customer pointer (SET_CUST_PTRS) for call originator. Queuing
BUG1307	Failure to set ESN data block pointer (ESN_DB_PTR) for call originator. Queuing
BUG1308	Failure to set route list pointer (ESN_RTE_LST_PTR) for call originator. Queuing
BUG1309	Invalid SON Call Register exists when RGA activated to enter CBQ. Queuing
BUG1310	Invalid entry type for DIST_RING. Distinctive Ringing
BUG1311	SET_CUST_PTRS failure in DIST_RING. Distinctive Ringing
BUG1312	TNTRANS failure in DIST_RING. Distinctive Ringing
BUG1313	SET_ROUTE_PTRS failure in DIST_RING. Distinctive Ringing
BUG1314	PCDATAPR equals nil when call procedure SET_ESN_PTRS. Distinctive Ringing
BUG1315	Missing SON Call Register; required on entry. NARS/BARS
BUG1316	NARS - invalid source. NRS/BARS
BUG1317	NARS - invalid translation type. NARS/BARS
BUG1318	Invalid source to DIR_CALL_PICKUP.
BUG1319	DNIS call cannot terminate because the DNIS route is not marked for auto-terminate or IDC translation. {customer number}{route number}.

BUG1320	Non-ACD Call Register found on dark SDN key.
BUG1321	TN Translation failed.
BUG1322	Failed to find route (CDR).
BUG1323	Failed to find route (CDR).
BUG1329	Missing NARS/BARS main Call Register. Queuing.
BUG1330	Bad case. Queuing
BUG1331	NARS translation error; suspect data corruption. NARS_TRANS has translated 4 levels deep and cannot find the entry data. Queuing
BUG1332	Bad entry point for Individual Hold (I-Hold). Individual Hold
BUG1333	Terminal activating I-Hold is invalid. Individual Hold
BUG1334	I-Hold orig timing out, Hold flag not set. Individual Hold
BUG1335	I-Hold ter timing out, Hold flag not set. Individual Hold
BUG1336	Invalid TN removing call from I-Hold. Individual Hold
BUG1337	Protected terminal loop block pointer is nil called by (CH.TN.CONVERT) Queuing
BUG1338	TN to channel conversion fails called by PRINT_TN (GLOBAL3). Queuing
BUG1339	Digital Trunk Interface (DTI) signaling (non-ESN) encounters invalid source parameter or invalid call type. Queuing
BUG1340	The TERTN of a NARS call is not a TRK. Queuing
BUG1341	Timeslot being written already had data in its contents. TNX, TNY, LOOPX, SLOTX, NETWORK ADDRESS, DATA0, DATA1, NTWK EVEN MAP, NTWK ODD MAP. Queuing
BUG1342	The supervisor TN being moved configured with NSVC key does not equal TN in ACD position block.
BUG1343	What has occurred: A call coming on DNIS route is not auto-terminate or idc. Action statement: intercept to attendant.
BUG1346	This item is not a trunk and cannot be idled. Procedure Abort_Call (DIGPR)

BUG1347	WRITEPDS_FIELD fails because field designated is out-of-range. Procedure Abort_Call (DIGPR)
BUG1348	Procedure OPAO IN AFFECT (GLOB4) is unable to set route pointers to see if the trunk involved is performing an OPAO call. Call Register info follows. Procedure Abort_Call (DIGPR)
BUG1349	Procedure OPAO IN EFFECT (GLOB4) is unable to set the trunk involved pointers to see if it is performing an OPAO call. Call Register info follows. Procedure Abort_Call (DIGPR)
BUG1350	Procedure REQ DTN 4 OPAO (SCTRK) could not acquire the route pointer for the trunk being service changed to see if the route is OPR allowed. The route number and trunk TN follows. Procedure Abort_Call (DIGPR)
BUG1351	Procedure ALL MEMBERS DTN (SCRDB) could not acquire the route member's pointers to see if the trunk has DTN COS. Route number, member number, and member TN to follow. Procedure Abort_Call (DIGPR)
BUG1352	ALL_MEMBERS_DTN (SCRDB) could not acquire the route member. Customer number, Route number, and Member TN to follow.
BUG1353	ALL_MEMBERSDTN (SCRDB) could not find route member though member list block said it existed. Customer number, Route number, and Member TN to follow.
BUG1354	Message registration - proc MSG_REG, Itemptr should not be nil.
BUG1355	Message registration - proc INCR_CUST_MTR metorcustptr is nil.
BUG1356	Call Register marked '.SLP_STATION' is not in conference.
BUG1357	Procedure MONITOR_AUX_MSG (ADS) has an invalid Protected pointer to the ACD block. Call Register information follows.
BUG1358	Procedure MONITOR_AUX_MSG (ADS) is unable to set up the pointers to determine if the ACD-DN is Virtual or Actual for a specific customer. Customer and DN follow.
BUG1359	Channel index non-existent in Prot. Cref. Table.
BUG1360	Last index is greater than Table length in ASSIGN_REFNUM.
BUG1361	TNTRANS fail in LINK_MSGCR.
BUG1362	MSGCR in UCREF_TBL is NIL but call can be rebuilt.

BUG1363	MSGCR is NIL for T.O., Answer & Disconnect.
BUG1364	Invalid state in STATE_HANDLER.
BUG1365	Invalid SOURCE in STATE_HANDLER's call state.
BUG1366	PRA TN does not match either ORIGTN or TERTN in active CR in IDLE_B_CHANNEL.
BUG1367	TN TRANS fail in Procedure CANNOT_REBUILD.
BUG1368	SET_DCH_PTRS failed.
BUG1369	Loop # out-of-range in BCH_TO_TN.
BUG1370	B channel is 0 in TN_TO_BCH.
BUG1371	Loop # missing in DCH block in TN_TO_BCH.
BUG1372	Ref # not match in UCREF_TBL in RELEASE_REFNUM.
BUG1373	Invalid MAINPM after DNTRANS for incoming call.
BUG1374	Inc MSGCR is NIL in SEND_ON_ORIG, DISC_ORIG_SIDE, INIT_MSG_CR.
BUG1375	SET_ROUTE_PTRS in ENBLOC_DIALING, TERMINATE ENBLOC_TIMEOUT.
BUG1376	TNTRANS on ORIGTN fail in INIT_MSG_CR.
BUG1377	Setcustptrs failed in get_clid, get_prog_called, and get_redirecting.
BUG1378	CRPTR/MSGCR is not idled in LINK_MSGCR.
BUG1379	TNTRANS fail in REQUEST_OUTPUT.
BUG1380	Invalid DCH pointers.
BUG1381	PRI reported DCH is out-of-service, but it is not the one configured.
BUG1382	Invalid timeout event.
BUG1383	No channel TN for channel reset.
BUG1384	CDR_BIT is set for idle PRA B channel.
BUG1385	Illegal trunk type for PRA outgoing call.

BUG1386	Incoming/Outgoing Call on a non-PRA B-Channel.
BUG1387	MAINPM & AUXMP of CR that is pointed to by the priority Agent Table does not equal : QU_ACD & .ACD_IDLE_POS_QD Procedure Idle_Prior_Agent.
BUG1388	The AGT_PRIORITY field in the CR is not within range. Procedure Idle_Prior_Agent.
BUG1389	What has occurred: The index to the call reference table is 0 which should never happen. Action statement: Do not idle the call reference number.
BUG1500	Parameters to NUM_DN_MEMBERS do not identify a valid SL-1 DNBLOCK. Procedure NUM_DN_MEMBERS
BUG1501	Parameters to GET_DN_MEMBERS request an invalid DN member number. Procedure GET_DN_MEMBERS
BUG1502	Unable to identify the required TN in GET_NEWSPEECH. Procedure GET_NEWSPEECH
BUG1503	Unable to restore old speech path after blocking in GET_NEWSPEECH. Procedure GET_NEWSPEECH
BUG1504	A set cannot be relocated (probably due to a clash on one of the keys). Procedure SET_RELOCATE
BUG1505	OVL cannot Log in even though the overlay area is idle. Procedure OVL_SUPERVISOR
BUG1506	A bad AUXPM was encountered while the MAINPM was dialing. Procedure DIG_PR
BUG1507	Terminal is not a valid TN. Procedure AABCS OR AAPBX
BUG1600	Invalid entry into procedure RADIO_PAGE. Procedure RADIO_PAGE
BUG1601	Unable to create a son Call Register for radio paging to link to Meet-me queue. Procedure RADIO_PAGE
BUG1602	While answering a radio paging call, the paging party station type was neither PBX, BCS, ATTN nor TRK. Procedure RADIO_PAGE
BUG1603	The answering party station type is neither PBX, BCS, ATTN nor TRK. Procedure RADIO_PAGE

BUG1604	RPA_ACC_PM has an invalid value for the stage of processing. Procedure RADIO_PAGE
BUG1605	While answering a radio paging call, the paging party was an attendant but neither the SRCLIST nor the DESTLIST of the ACTIVE_LOOP was the father Call Register. Procedure RADIO_PAGE
BUG1606	While processing a radio paging timeout, data corruption was detected in the father Call Register. The son will be removed from the Meet-me queue. Procedure RADIO_PAGE
BUG1607	While transferring a call to a radio paging system, data corruption in the son Call Register was detected. The son will be removed from the Meet-me queue. Procedure RADIO_PAGE
BUG1608	While resetting the timer for the Meet-me queue when dialing the paged DN, data corruption was found in the son CR. The son will be removed from the queue. Procedure RADIO_PAGE
BUG1610	Invalid entry into procedure MEET_ME. Procedure MEET_ME
BUG1616	Procedure BUSY_LAMP: SETCUSTPRTS failed. Procedure MEET_ME
BUG1617	Cannot provide announcement to tandem trunks. Procedure MEET_ME
BUG1618	No keylink found for ORIGTN. Procedure MEET_ME
BUG1619	ORIGTYPE must be one of SL-1, PBX, ATTN, TRK or CONF. Procedure MEET_ME
BUG1620	Dn digits do not exist to remove DN from DNTRANS. Procedure MEET_ME
BUG1621	Invalid TERTN in network Ring-Again Call Waiting CR in procedure RGA. Output: ORIGTYPE:CRPTR, *(CRPTR) Procedure MEET_ME
BUG1622	CRPTR2 is NIL in procedure RGBK_OFFER (global RGA). Output: ORIGTYPE:CRPTR, * (CRPTR). Procedure MEET_ME
BUG1623	CRPTR is NIL in procedure RGBK_OFFER (global RGA). Procedure MEET_ME
BUG1624	Invalid ORIGTN in network ring-again CR in procedure RGA. Output: ORIGTN: CRPTR, * (CRPTR). Procedure MEET_ME
BUG1625	Unable to find BCS DN key in ORIGKEY or OLDKEY in procedure ACC_SUCC (global RGA). Output: ORIGKEY:CRPTE, OLDKEY:CPTR, * (CRPTR) Procedure MEET_ME.

BUG1626	TNTRANS failed during an attempt to lockout. Procedure MEET_ME
BUG1627	Trk requested to be held is not for a Network Call (X08 Rls 9) Redundant after X08 Rls 10 Networking.
BUG1628	Invalid request to release a trunk (X08 Rls 9). Redundant after X08 Rls 10 Networking.
BUG1629	One of the parameters from or to must be a route PTR to unprotected route block. Procedure MEET_ME
BUG1630	CPR key is not found while CPR_AVAILABLE is set. Procedure MEET_ME
BUG1631	Overlay 11 is trying to create a zero length CPN data block. Procedure MEET_ME
BUG1650	Cannot clear minor alarm until Time and Date is reset (for SAR feature). Procedure MEET_ME
BUG1660	CRPTR is NIL. Procedure LINK128
BUG1661	ORIGTN an TERTN are both zero. Procedure LINK128
BUG1662	CRPTR is NIL. Procedure DIGPROC
BUG1663	ORIGTN and TERTN are both zero. Procedure DIGPROC
BUG1664	The SS signal RUSE/RUSD has been rejected. Possible table mismatch.
BUG1665	The response from the RUSE/RUSD signal is invalid.
BUG1666	RUSE/RUSD signal was received for an invalid state.
BUG1667	A RUSE/RUSD signal was not received as expected.
BUG1668	Cannot send SS signal. Should be able to.
BUG1669	Invalid FAS task.
BUG1670	Invalid ORIGTN in Call Register during a FAS call.
BUG1671	Invalid CUSTNO found during a FAS call.
BUG1672	Invalid NLC_BLK_NO in Call Register during a FAS call. Will route to home attn/night number.
BUG1673	Invalid ATTN NLC route call to home att/night number.

BUG1674	No FAS attn SCHED_BLOCK. Route to home att/night number.
BUG1675	Invalid attendant status.
BUG1676	DIGPR: FAS invalid.
BUG1677	FAS: Wink not allowed on FAS key.
BUG1678	FAS: Lamp state out-of-range or not allowed.
BUG1679	FAS: New lamp state out-of-range or not allowed.
BUG1680	FAS: FAS pointer should be NIL when not used.
BUG1681	FAS: Invalid DRBK state detected.
BUG1682	FAS: Invalid customer number detected.
BUG1683	Break-In Proc. Desired_CR - dialed DN does not exist in the protected line bock.
BUG1684	Procedure L1CMF_TO_CMF: Invalid signal encountered.
BUG1685	Setting speechpath: MAINPM is not ESTABLISHED.
BUG1686	TRKS: Invalid origtn in FAS queue call
BUG1687	TRKS: No ARS Call Register available.
BUG1688	FAS: Data corruption in FAS queue Call Register.
BUG1689	FAS: No digits to insert - INST = 0000.
BUG1690	Parameters to NUM_DN_MEMBERS do not identify a valid SL-1 DNBLOCK.
BUG1691	Parameters to GET_DN_MEMBERS request an invalid DN member number.
BUG1692	Unable to identify the required TNs in GET_NEWSPEECH.
BUG1693	Unable to restore old speechpath after blocking in GET_NEWSPEECH.
BUG1706	NO idle addons found in idle queue.
BUG1707	The net_cr_ptr of the Call Register in use is nil and further use of this ptr will cause data corruption.
BUG1708	Invalid USTM TASK in procedure USTM.

BUG1709	Parameters missing in procedure USTM.
BUG1710	Other timing already being done on this trunk. USTM timing not done.
BUG1711	Attempted to start USTM timing before applying tone to the trunk. USTM timing not done.
BUG1713	USTM timer not unlinked from low priority 2 second queue.
BUG1714	Originating trunk is an invalid TN.
BUG1715	Invalid LP2S_Q_TASK in procedure LOW_P_2SEC_QU.
BUG1716	RPE timing blocks not used in low priority 2 second queue.
BUG1717	Bad timer type found in low priority 2 second queue.
BUG1718	Parameters missing in procedure LOW_P_2SEC_QU.
BUG1719	Element to be unlinked is not in low priority 2 second queue and will not be unlinked.
BUG2000	The PLDN CRLINK of the CR is bad or PLDN cr is already in a queue.
BUG2001	Digital Telephones ISM counter corruption encountered. Counter is reset to 0.
BUG2002	Analogue Telephones ISM counter corruption encountered. Counter is reset to 0.
BUG2003	Cannot send expansion SSD message to main
BUG2004	STARTUP: Cannot get %s of Cabinet %d where s = subnet mask or IP address d = cabinet number
BUG2005	RPC: Cannot start RPC service. Cabinet type [m] Reason [x] where m = MAIN or IPEXP x = <reason string>
BUG2006	RPC: Server terminated. Cabinet type [m] reason [x] where m = MAIN or IPEXP x = <reason string>
BUG2007	PMON: Cannot spawn %s errno = %p where s = cpPmonStatusAtLinkUp or spawnStatutsTask p = errno
BUG2008	LCS: taskSpawn failed.Faillure when spawning lcs task.
BUG2009	LSC: send failed inspirit command from overlay 35.
BUG2010	LCS: send failed in cutover command from overlay 135.

BUG2011	LCS: send failed in join command from overlay 135.
BUG2012	LCS: send failed in gswo command from overlay 135.
BUG2013	LCS: cmQSend ( ) error.
BUG2014	LCS: cmQDelete() error in lcsSend().
BUG2015	LCS: cmQCreate() error in lcsSend().
BUG2016	LCS: cmQCreate() error in lcsTaskInit()
BUG2017	LCS: cmInit() error. Call to cmInit failed.
BUG2018	LCS: Comm Mgr registration failed. LCS registration with communication manager failed.
BUG2019	LCS: drInitPhase2() error. Call to drInit Phase2 failed.
BUG2020	LCS: voteInit() error. Call to voteInit failed.
BUG2021	LCS: hbInit() error. Call to hbInit failed.
BUG2022	LCS: cpmImit() error.Call to cpmInit failed.
BUG2023	LCS: timer create failed in lcsTaskInit().
BUG2024	LCS: timer connect failed.
BUG2025	LCS: timer set failed.
BUG2026	LCS: lcsRecovery ( ) error.
BUG2027	LCS: lcsTaskInit ( ) error.
BUG2028	LCS: cmQReceiveTO( ) error.
BUG2029	LCS: lcsFSM() failed. Call to lcsFSM failed.
BUG2030	LCS: cmQDelete() error in lcsRecovery(). msgQDelete failed.
BUG2031	LCS: cmQCreate() error in lcsRecovery.msgQCreate failed.
BUG2032	LCS: timer delete failed.
BUG2033	LCS: timer create failed in lcsRecovery().

BUG2034	LCS: Graceful switchover not execute. Local health is better than remote health.
BUG2035	LCS: redundancy state changed from %s to %s.
BUG2036	LCS: active state changed from %s to %s.
BUG2037	LCS: hsp state changed from %s to %s.
BUG2038	LCS: hiHealthGet() error.
BUG2039	LCS: vote sending failed. Send vote message through communication manager primmary channel failed.
BUG2040	LCS: heartbeat sending failed. Send heartbeat message through communication manager primary channel failed.
BUG2041	LCS: checkpoint mgr sending failed.
BUG2042	LCS: disk redundancy sending failed.
BUG2043	Switchover mg sending failed.
BUG2044	LCS: remote LCS sending failed on primary channel.
BUG2045	LCS: remote LCS sending failed on secondary channel.
BUG2046	LCS: fopen() error in IcsStateSet(). fopen failed.
BUG2047	LCS: fputc() error in IcsStateSet(). fputc failed.
BUG2049	CPM: Active CPM failed to send sync data to inactive side.
BUG2050	CPM: Failed to create semaphore for CPM task state. **Action:** From pdt, type cpmInit to re-inialize cpm task.
BUG2051	CPM:Failed to create semaphore for its input message queue. **Action:** From pdt, type cpmInit to re-initialize cpm task.
BUG2052	CPM: Failed to create semaphore for message queue. **Action:** From pdt, type cpmInit to re-initialize cpm task.
BUG2053	CPM: Active CPM failed to send data update message to inactive side.
BUG2054	CPM: Failed to queue data update message to its input queue.
BUG2055	CPM: Inactive CPM failed to send syncStart message to active CPM.

BUG2056 CPM: Failed to delete cpm message queue.

Action: From pdt, type cpmRecovery to delete and recreate it.

BUG2057 CPM: Failed to delete cpm input queue.

Action: From pdt, type cpmResetLocalQ to delete and recreate it.

BUG2058 CPM: Failed to perform cpmSend for message to remote side.

BUG2059 CPM: CPM completed protected memory sync.

BUG2061 CPM: Failed to create its message queue.

BUG2062 CPM: CPM task, tCpmS failed to create its input queue.

Action: From pdt, type cpmResetLocalQ to re-create the queue.

BUG2063 CPM: Failed to create its task, tCpmS. Task Cpm, tCpmS failed to be initialized.

Action: From pdt, type cpmInit to re-initialize it.

BUG2064 CPM received stop update message from LCS.

BUG2065 CPM: Failed to send message type %d to remote side.

BUG2066 CPM: failed to spawn its task, tCpmS.

Action: From pdt, type cpmInit to re-initialize it.

BUG2067 CPM: Invalid message.%s passed to cpmFSM: Side= %s, State = %s.

BUG2073 HIRM: Inactive hiRem failed to queue object create message on its message queue.

BUG2074 HIRM: Inactive hiRem failed to send object create message to active side.

BUG2075 HIRM: Failed to create semaphore for its message queue.

Action: From pdt, type hiRemInit to re-initialize the task.

BUG2076 HIRM: Failed to delete its message queue.

Action: From pdt, type hiRemRecovery to delete and re-create the queue.

BUG2077 HIRM: Failed to send unProtected data form inactive to active side.

BUG2078 HIRM: failed to create its mesage queue.

BUG2079 HIRM: Failed to perform hiRemSend.Task tHiRem failed to send message to remote side.

BUG2080 HIRM: Failed to create its task, tHiRem. TasktHiRem failed to be iniitialized.

Action: From pdt, type hiRemInit to re-initialize it.

BUG2081 HIRM: Invalid message type in function hiRemObjCreate.

Invalid mesage type is passed to hiRemtask.

BUG2082 HIRM: Inactive Redundant CPU is Performing Background Tests.

BUG2084 A corrupted DPNSS/DASS2 trunk is created.

Action: Report the problem.

BUG2086 BUG in BNE_HANDLER.

BUG2090 The number of ISDN B Channel TNs configured in the system is equal to or less than zero.

BUG2091 The number of DTI Channel TNs configured in the system is equal to or less than zero.

BUG2092 The number of Analog Trunk TNs configured in the system is equal to or less than zero.

BUG2093 The number of data Port Tns configured in the system is equal to or less than zero.

BUG2094 The number of Phantom Port Tns configured in the system is equal to or is less than zero.

BUG2095 The number of CLASS Telephone TNs configured in the system is equal to or less than zero.

BUG2096 The number of Attendant Console TNs configured in the system is equal to or less than zero.

BUG2097 msg n Invalid message type read in from remote TTY. Procedure: REMOTETTY_MAINT. Msg =Message Type n = Remote TTY number

BUG2098 n Bad pointers in procedure REMOTETTY_MAINT. Could be due to invalid TTY number n. n = Remote TTY number.

BUG2099 <return-address stack> TN ITEMPTR LNUM LIGHT. Invalid input data. Procedure BCSLAMP.

BUG2100	<HB> UDP socket creation failed for cabinet xx.
BUG2101	Cannot bind UDP socket on cabinet xx.
BUG2102	<HB> Creation of%s task failed on cabinet xx.
BUG2103	<HB> Creation of%s message queue failed on cabinet xx.
BUG2104	<HB> Wrong cabinet number: xx.
BUG2105	<HB> Message queue does not exist on cabinet xx.
BUG2106	<HB> Cannot create watchdog for yy link on cabinet xx.
BUG2107	<HB> Cannot allocate memory for yy sempahore on cabinet xx.
BUG2108	Cannot start watchdog for yy link on cabinet xx.
BUG2109	<HB> Cannot allocate memory for ping structure on cabinet xx.
BUG2110	<HB> Cannot get IP addresses on cabinet xx.
BUG2111	<HB> Wrong cabinet type value: xx.
BUG2112	<HB> Cannot start polling mechanism between cabinet xx and cabinet.
BUG2114	The number of survivable cabinets configured in the system has exceeded the limits.
BUG2120	The number of ITG ISDN Trunks configured in the system is equal to or less than zero.
BUG2121	Invalid FFC request type in case statement for VTLN/VTLF.
BUG2122	typeProcedure FIND_EXP_TTY: invalid card type.
BUG2129	Remote TTY: Failure to create/open pipe
BUG2130	Remote TTY: Failure to create socket
BUG2131	Remote TTY: Failure to bind socket
BUG2132	Remote TTY: Socket x failed to listen
BUG2133	Remote TTY: Number of fd’s is over the limit
BUG2134	Remote TTY: Select failed.

BUG2135	Remote TTY: Socket x failed to accept connection.
BUG2136	Remote TTY: Failure to send pipe message x.
BUG2137	Remote TTY: Cabinet x is not in range.
BUG2138	Remote TTY: End of file received socket x is closed.
BUG2139	Remote TTY: Error reading socket x for cabinet
BUG2140	Remote TTY:BUG2272This feature supports M3900 display terminals only.
BUG2141	The pointer to the STS_MSG_STRUC has not been initialized correctly.
BUG2142	The server based application Set-t-Set Messaging has received an invalid type of STATE_BITS form ASL when set password session is ended.
BUG2143	The served-based application Set-to-Set Messaging has received an invalid type of EVENT_INFO from ASL when receiving password or time-out messages.
BUG2144	The status of Set-toSet Messaging cannot be turned ON if no message is defined.
BUG2145	The server-based application Set-toSet Messaging has received an invalid type of STATE_BITS from ASL when pressing Cancel in the Edit mode.
BUG2146	The server-based application Set-to-Set Messaging has received an invalid type of EVENT_INFO from ASL when pressing a soft key.
BUG2147	The server-based application Set-toSet messaging has received an invalid type of STS_CMD flag from ASL STS_CMD and only take two values: STS_START and STS_CONTINUE.
BUG2200	Cannot send CardLAN IP message.
BUG2201	ssdServer:can’t open stream socket.
BUG2202	ssdServer: can’t bind local address.
BUG2203	ssdServer: can’t accept connect request.
BUG2204	ssdServer: undefined shelf.
BUG2205	ssdServer: session already exists.
BUG2206	ssdServer: can’t accept new connections.

BUG2207	shutDownServerSession : session doesn't exist.
BUG2208	ipSsdServerRx: error reading socket.
BUG2209	tartSsdServer: ssd server already running.
BUG2210	startSsdServer: unable to spawn ssdServer.
BUG2211	ipIntSSD: unable to initialize ssd server.
BUG2212	ipIntSSD: ssdServer not registered.
BUG2213	callBackSsd: unkown server address.
BUG2214	WRITE_REMOTE_SSD: undefined shelf number.
BUG2215	ssdServer: Error spawning ssd server task.
BUG2216	ssdClient: undefined shelf number.
BUG2217	ssdClient: can't open stream socket.
BUG2218	ssdClient: ssd server not responding.
BUG2219	tcpCliTask: error reading socket.
BUG2220	startSsdClient: client already running.
BUG2221	startSsdClient: unable to spawn ssdClient.
BUG2222	ssdQCreate: Error creating message queue.
BUG2223	ssdQCreate: Error spawning sl1TcpRcv task.
BUG2224	ssdQCreate: Error spawning ipSsdTx task.
BUG2225	ipSsdBuf: error ssd session not found.
BUG2226	pSsdBuf: Error readng ssd msg queue.
BUG2227	ipSsdTx: socket write error.
BUG2228	ipSsdTx: dropping ssd msg.
BUG2229	ssdQSend: error writing to ssd queue.
BUG2230	CardLAN: CardLAN handler not created.

BUG2231	CardLAN: Failure to create message queue.
BUG2232	CardLAN: Failure to start Tx task.
BUG2233	CardLAN: Error reading message queue.
BUG2234	CardLAN: Error writing to socket x for connection x.
BUG2235	CardLAN: Failure to send message.
BUG2236	CardLAN: Connection not initialized.
BUG2237	CardLAN: Error writing message to SL1 XIM memory.
BUG2238	CardLAN: Message is not delivered for connection x.
BUG2239	CardLAN: Error on select in Rx task.
BUG2252	100 base T voice: Can’t configure voice header.
BUG2253	100 base T Voice: Can’t disable voice transmission.
BUG2254	100 base T Voice: Can’t get remote IP address.
BUG2255	100 base T Voice: Can’t get local IP address.
BUG2256	100 base T Voice: Can’t get network interface.
BUG2257	100 base T Voice: Can’t get MAC address.
BUG2258	100 base T Voice: Can’t write to voice FPGA.
BUG2259	100 base T Voice: Can’t set voice PCM channel size.
BUG2260	BOOTP Client: Can’t enable voice transmission.
BUG2261	BOOTP Client: Can’t find network interface.
BUG2262	BOOTP Client: Can’t set broadcast flag.
BUG2263	BOOTP Client: Send BOOTP message failed.
BUG2264	BOOTP Server : Can’t create socket.
BUG2265	BOOTP Server: Can’t bind to socket.
BUG2266	BOOTP Server: Can’t find MAC address in database.

BUG2267	BOOTP Server: Can’t add entry in ARP table.
BUG2268	BOOTP Server: Can’t get local IP address.
BUG2269	BOOTP Server: Can’t send reply back to BOOTP client.
BUG2270	100 base T Voice: Can’t spawn server.
BUG2271	BOOTP Serve: Can’t find subnet mask.
BUG2272	This feature supports M3900 display terminals only.
BUG2273	Invalid length (count).
BUG2274	Invalid parameter.
BUG2275	HB: message Q create failed.
BUG2276	HB: CM register failed.
BUG2277	HB: Time out msg send failed.
BUG2278	HB: time create failed.
BUG2279	HB: timer connect failed.
BUG2280	HB: message receive error.
BUG2281	HB: FSM failed.
BUG2282	HB: secondary sending failed.
BUG2283	HB: primary sending failed.
BUG2284	HB: local sending failed.
BUG2285	HB: remote side health change: %D.
BUG2286	HB: receives an unexpected msg, type = %d, state = %d, channel = %d.
BUG2287	HB: set timer error.
BUG2288	HB: HSP is DOWN.
BUG2289	HB: HSP is UP.
BUG2290	HB: HBWaitEtherRep - HB threshold exceeded.

BUG2291	HB: is an invalid state.
BUG2292	HB: ask start failed.
BUG2293	HB: Can't register pre switchover function.
BUG2294	HB: cmQDelete Error.
BUG2295	HB: The /U DISK have INCONSISTENT IMAGE. **Action:** Try to delay ungswo by %d cycle.
BUG2340	CardLAN: Error reading from socket x for connection x.
BUG2341	CardLAN: Error writing to socket x for cabinet.
BUG2342	CardLAN: Failure to start server task.
BUG2343	CardLAN: Invalid cabinet number x.
BUG2344	CardLAN: Failure to start Rx task.
BUG2345	CardLAN: Failure to open server stream socket.
BUG2346	CardLAN: Failure to bind local address.
BUG2347	CardLAN: Failure to accept connection.
BUG2348	CardLAN: Failure to get remote IP address.
BUG2349	CardLAN: Failure to open client stream socket.
BUG2350	CardLAN: Error connecting to the server.
BUG2351	CardLAN: Failure to start client task.
BUG2352	IPM: Can't assign IP mask to fei1.
BUG2353	IPM: Can't assign IP to fei1.
BUG2361	TIMESYNCCLIENT: create FAILED.
BUG2362	TIMESYNCCLIENT: unknown host %s.
BUG2363	TIMESYNCCLIENT: could not open socket.
BUG2364	TIMESYNCCLIENT: bind failed.

BUG2365	TIMESYNCCLIENT: Can’t send message to %s:%d.
BUG2366	TIMESYNCCLIENT: Error in receiving message.
BUG2367	TIMESYNCCLIENT: Invalid message from %s:%d.
BUG2368	timeSyncInit: Error in creating msg queue.
BUG2369	timeSyncInit: wdCreate FAILED.
BUG2370	timeSyncRollCall: mesg Queue sending error.
BUG2371	timeSyncUpdateReqTask: error in receiving message.
BUG2372	timeSyncServer: bind failed.
BUG2373	timeSyncServer: error in receiving message.
BUG2374	timeSyncServer: can’t send message to %s:%d.
BUG2375	timeSyncServer: Invalid request receiving from %s:%d.
BUG2376	timeSyncUpdateReqTask: could not open socket.
BUG2377	timeSyncUpdateReqTask: bind failed.
BUG2378	timeSyncUpdateReqTask: mesg queue can’t receive mesg.
BUG2379	timeSyncUpdateReqTask: can’t send message to %s:%d.
BUG2380	timeSyncUpdateReqTask: unknown mesg retrieved from mesg queue.
BUG2381	timeSyncInsertBspInetAddr: too many bsps registered with timeSyncServer.
BUG2385	VOTE: voteSend - vote message send failed.
BUG2386	VOTE: voteTaskInit - vote message Q create fail.
BUG2387	VOTE: voteTaskInit - CM registration failed.
BUG2388	VOTE: voteRun - timer create failed.
BUG2389	VOTE: voteRun - timer connect failed.
BUG2390	VOTE: voteRun - message Q receive error.
BUG2391	VOTE: voteSendMsg - Sending to LCS Failed.

BUG2392	VOTE: voteSendMsg - Sending to remote Vote Mgr via HSP failed.
BUG2393	VOTE: voteSendMsg - cmSendarySend failed.
BUG2394	VOTE: receives an unexpected msg, type = %d, state = %d.
BUG2395	VOTE: voteFSM - set timer failed.
BUG2396	VOTE: voteFSM - cancel timer error.
BUG2397	VOTE: vote is in an invalid state %d.
BUG2398	VOTE: vote task start failed.
BUG2480	Disk Partition: tried to pmInit ( ) with an invalid drive number.
BUG2481	Disk Partition: could not create the ide device.
BUG2482	Disk Partition: only found %d partitions on hard disk.
BUG2483	Disk Partition: could not create hard disk device %s.
BUG2484	Disk Partition: could not initialize hard disk partition %s.
BUG2485	Disk Partition: error initializing partitions.
BUG2486	Disk Partition: all partitions successfully initialized.
BUG2487	Disk Partition: did not find any partitions on disk.
BUG2488	Disk Partition: received an invalid IDE drive to attach.
BUG2489	Disk Partition: received an invalid partition number to attach.
BUG2491	Disk Partition: format request received.
BUG2492	Disk Partition: format requested on invalid drive number.
BUG2493	Disk Partition: could not fill out format config information.
BUG2494	Disk Partition: unable to format partition %s.
BUG2495	Disk Partition: unable to find the active partition.
BUG2496	Disk Partition: could not attach device to DOS for formatting.
BUG2497	Disk Partition: unable to open partition %s for formatting.

BUG2498	Disk Partition: unable to format partition %s.
BUG2499	Disk Redundancy: pmInit ( ) failed.
BUG2500	Disk Redundancy: drSmallInit ( ) failed.
BUG2501	Disk Redundancy: psInit ( ) failed.
BUG2502	Disk Redundancy: errors found and fixed during check disk.
BUG2503	Disk Redundancy: partition selector could not find device matching one requested.
BUG2504	Disk Redundancy: couldn't mount partition %s.
BUG2505	Disk Redundancy: asked to create a NULL dr device.
BUG2506	Disk Redundancy: not enough memory for redundant device.
BUG2507	Disk Redundancy: not enough memory for ps device.
BUG2508	Disk Redundancy: could not install Partition Selector driver.
BUG2509	Disk Redundancy: could not add PS device %s.
BUG2510	Disk Redundancy: asked to send a NULL message.
BUG2511	Disk Redundancy: sending to LCS failed.
BUG2512	Disk Redundancy: sending to other disk redundancy failed.
BUG2513	Disk Redundancy: asked to send to unknown destination.
BUG2514	Disk Redundancy: got an invalid device during drBigInit.
BUG2515	Disk Redundancy: could not create semaphore.
BUG2516	Disk Redundancy: could not spawn task tDiskRed.
BUG2517	Disk Redundancy: tried to take recovery action and failed.
BUG2518	Disk Redundancy: read invalid message from drQ.
BUG2519	Disk Redundancy: failed to delete drQ during recovery action.
BUG2520	Disk Redundancy: failed to create drQ during recovery action.

BUG2521	Disk Redundancy: failed to create drQ during drTaskInit ( ).
BUG2522	Disk Redundancy: could not register with CM.
BUG2523	Disk Redundancy: could not create drMsg semaphore.
BUG2524	Disk Redundancy: could not create dr Msg semaphore.
BUG2525	Disk Redundancy: failed to delete drMsgQ during recovery.
BUG2526	Disk Redundancy: failed to create drMsgQ during recovery.
BUG2527	Disk Redundancy: received message with invalid option.
BUG2528	Disk Redundancy: Master received Start Sync, will go to Slave.
BUG2529	Disk Redundancy: Master is starting disk sync.
BUG2530	LCS: fopen() error in lcsStateGet(). fopen failed.
BUG2531	LCS: fputc(1) error in lcsStateGet(). fputc failed.
BUG2532	LCS: fgetc() error in lcsStateGet(). fgetc failed.
BUG2533	LCS: fputc() error in lcsStateGet() .fputc failed.
BUG2534	LCS: Join command not valid in %s state.
BUG2535	LCS: Cutover command not valid in %s state.
BUG2536	LCS: Graceful switchover command not valid on %s state.
BUG2537	LCS: Split command not valid in %s state.
BUG2541	LCS:Invalid message sent from LCS to disk redundancy.
BUG2542	LCS: Invalid message sent to remote LCS.
BUG2543	LCS: Invalid msg: %s in state:%s.
BUG2544	LCS: Invalid state: %s.
BUG2545	LCS: swoMgrInit() error.
BUG2546	LCS: Split command successful.
BUG2547	LCS: Join command successful.

BUG2548	LCS: Cutover command successful.
BUG2549	LCS: Graceful switchover command successful.
BUG2550	LCS: Graceful switchover cannot proceed.
BUG2551	LCS: ipmInit() error.
BUG2552	LCS: Protected memory and disk synchronization complete.
BUG2553	LCS: Join denied. Incompatible software releases. Both sides must have the same release installed.
BUG2554	LCS: MY DISK IS IN INCONSISTENT STATE, I temporarily SET DISK STATE TO SPLIT.
BUG2555	LCS: Can not Join NOW, The ACTIVE U DISK has BAD IMAGE, try CUTOVR first.
BUG2570	Disk Redundancy: Master asked to stop disk sync.
BUG2571	Disk Redundancy: Master asked to stop updates and flush file system.
BUG2572	Disk Redundancy: Master unable to flush file system.
BUG2573	Disk Redundancy: Master asked to stop updates.
BUG2574	Disk Redundancy: Disk sync completed.
BUG2575	Disk Redundancy: Slave received sync block out of range.
BUG2576	Disk Redundancy: Slave received too few sync blocks.
BUG2577	Disk Redundancy: received unknown message.
BUG2578	Disk Redundancy: sync Queue has overflowed.
BUG2579	Disk Redundancy: error sending to disk message queue.
BUG2580	Disk Redundancy: problem flushing file system during disk sync.
BUG2581	Disk Redundancy: requested to stop disk sync during disk sync.
BUG2582	Disk Redundancy: disk sync did not complete.
BUG2583	Disk Redundancy: error sending message during disk sync.

BUG2584 Disk Redundancy: problem spawning disk sync.

BUG2585 Disk Redundancy: Disk sync %d%% complete.

BUG2586 Disk Redundancy: disk sync not allowed because of mismatching disks.

BUG2587 Disk Redundancy: Disk_sync flag turns on!

BUG2588 Disk Redundancy: Can not create flag for disk sync!

BUG2589 Disk Redundancy: Disk_sync flag is turned off!

BUG2590 Disk Redundancy: Fail to remove inactive.dr after disk-sync done, please remove inactive.dr manually!

BUG3000 Invalid state in APL module. {APL_SOURCE} {INVALID_TYPE} {INVALID DATA}. The event is ignored. Procedure APL

BUG3001 Message CR to link into APL output queue is not in idle queue. {APL_SOURCE} {APL_DATA} {APL_PTR} {PRIORITY} {LINK NUMBER} {BLOCK PTR} {BUG_PRINT_CR}. The message CR is not linked to the APL output queue. Procedure APL

BUG3002 Queue data block for the APL output queue is not associated. {APL_SOURCE} {APL_DATA} {APL_PTR} {APL_NUMBER} {BLOCK_PTR} {LINK_Q_HDR} {BUG_PRINT_CR}. The event is ignored. Procedure APL

BUG3003 The message CR in APL output queue is not set to the .QU_APL_OP when removing the CR from the queue. {APL_SOURCE} {APL_DATA} {APL_PTR} {APL_NUMBER} {BLOCK_PRT} {BUG_PRINT_CR}. If back link is formed, QUEUE_IN is updated to QU_APL_OP. Procedure APL

BUG3004 APL output handler has a request to send messages and the specific link is not defined in configuration. {APLINKOP} {APL_REQ_TO_SEND} {APL_RDY_TO_SEND}. Clear the request. Procedure APL

BUG3005 There is a request to send output messages and the output queue is empty. {APL_SOURCE} {ACTIVE_APL} {APLINKOP} {APL_REQ_TO_SEND} {APL_PHY_NUM} {U_APL_PTR} {QUEUE_PTR} {LINK_Q_HDR}. Clear the request. Procedure APL

BUG3006 The length of the input message is either too small or too large. {APP_TYPE} {MSG_TYPE} {PACKET_IDX} {MESSAGE_LENGTH} {APL_ NUMBER} {MSG_SIZE_PTR} {U_APL_PTR}. Ignore the input message. Procedure APL

BUG3007	The length of the output message is too large. {APL_SOURCE} {ACTIVE_APL} {APLINKOP} {APL_NUMBER} {MESSAGE LENGTH} {MESSAGE TYPE} {CUSTOMER NUMBER} {APPLICATION NUMBER}.
BUG3010	Invalid state for procedure SEND_MSG. {MESSAGE TYPE} {APPLICATION} {LINK_NUMBER} {CUSTOMER #} {MSG_DATA} {MSG_PTR} {CR_PTR} {USER_PTR}. Ignore the event. Procedure APL
BUG3011	Invalid state for PROC_IMS_I_MSG Procedure APL
BUG3012	Message type out-of-range {MESSAGE TYPE}. Ignore the message. Procedure APL
BUG3013	Application type out-of-range {APPLICATION NUMBER} Ignore the message. Procedure APL
BUG3014	Link number out-of-range {LINK NUMBER}. Ignore the message. Procedure APL
BUG3015	The message length of the output message is either too small or too large. {MESSAGE TYPE} {APPLICATION} {MESSAGE LENGTH}. Ignore the message. Procedure APL
BUG3016	Store the digits into orig DN of the output message exceed the size of the field. {POINTER TO THE MESSAGE CR}. Ignore additional digits.
BUG3041	The buffer to the DTI hardware has overflowed.
BUG3050	Network call is blocked because of an invalid source to the signaling module.
BUG3051	Invalid (undefined) call type.
BUG3052	Number to be displayed is negative.
BUG3053	Number cannot be represented in the specified number of digits.
BUG3054	Invalid TMG state.
BUG3055	TMG unable to find ACD CR.
BUG3056	TMG is unable to set ACD pointers.
BUG3060	ACD pointers corrupted.
BUG3061	DN received from AUX invalid.
BUG3067	Network control data block has not been defined.

BUG3068	Invalid (unidentified) sub-call type. Also occurs when LD 36 is used with a remote maintenance phone to dial an ISL TIE line. TRK017 occurs if the call is answered.
BUG3069	Test line event out-of-range.
BUG3070	Invalid event Test LINE_PM.
BUG3071	Invalid test line timeout.
BUG3072	Customer Translation failed.
BUG3073	TN translation failed.
BUG3074	BLOCK_CALL should not be returned from procedure CHECK_SAT_RTE.
BUG3075	Invalid return code from procedure CHECK_SAT_RTE.
BUG3076	Pointer to conference block equals NIL.
BUG3077	Point to protected loop block equals NIL.
BUG3078	Loop type does not equal conference loop.
BUG3079	Invalid occurrence of an asterisk during a TDET call.
BUG3080	Invalid source for NXFER.
BUG3081	Initial TNTRANS call failed in TELSET (TST); status (Generic update. Status update attempt abandoned) {end}
BUG3082	Initial SETCUSTPTRS call failed in TST (status update). Status update attempt is abandoned.
BUG3083	Invalid TST calling parameter. Status update attempt is ignored.
BUG3085	TNTRANS call failed after AUX reply received by Status Update. Continue looking for valid TN with same DN.
BUG3091	Invalid directory number mix.
BUG3092	Bad CALL_PARK entry point.
BUG3093	Bad PM when CALL_PARK_BIT is set.
BUG3094	System Park ID is not valid.
BUG3095	Returned System Park ID out-of-range.

BUG3096 Returned System Park ID invalid.

BUG3097 TNTRANS on originator failed in procedure ORIG_IS_SAT.

BUG3098 SET_ROUTE_PTRS failed in procedure ORIG_IS_SAT.

BUG3099 TNTRANS on either ORIG or TER. TN in HELD_ON failed procedure CHECK_SAT_RITE.

BUG4000 TNTRANS failed in NSIG module.

BUG4001 Call Register idled when SON CR still linked.

BUG4002 TRKS called from DIGPR: ORIG_ITEM not a trunk.

BUG4003 TRKS called from DIGPR: ORIG and TER both not trunks.

BUG4004 Lost time slot idle station in disconnect.

BUG4005 Lost time slot idle Call Register.

BUG4006 Lost time slot reserved path lost when getting a new one.

BUG4007 BSD call cut off at path find.

BUG4008 BSD call cut off at path idle.

BUG4009 Invalid display message type for the BGD.

BUG4011 DNTRANS value indicates that the ACD-DN entered after the Display key was pressed is/is not an ACD-DN. However, ACD pointers cannot be set on this DN (procedure ACD-DN Digits). This BUG message appears on the DDSP Module.

BUG4012 DN key lock-up prevented. Trunk in readied state ringing set.

BUG4013 Unable to set up route pointers for NFCR toll clock.

BUG4014 data Invalid state-event combination. Data: trk_tn source fgd_inc_pm.

BUG4015 data ACTIVE CR of FGD_ITEM is NIL. Data output is trktn source fgd_ini_pm.

BUG4016 loop ts n0 n1 Cannot read Network Card control memory. Output: Loop = superloop number, ts = timeslot, n0 = NWKdata0, n1 = NWKdata1

BUG4017 loop ts n0 n1 Cannot write data into Network Card control memory. Output: Loop = superloop number, ts = timeslot, n0 = NWKdata0, n1 = NWKdata1

BUG4018 All output timeslots on Network Card are busy. Output message is lost. Procedure XNET_OUTPUT.

BUG4019 The PRI loop is not a primary DCH or a secondary DCH loop. It is a data corruption. With the D channel number and the loop number check the PRI loop block.

BUG4021 At Attendant Alternate Answering (AAA) timeout, the attendant is neither the ORIG nor TER party. AAA is only applicable to the attendant. Procedure AAA_Timeout

BUG4023 IFC x DCHNO y An invalid DCH_Interface_ID was encountered. Either the value is out-of-range or the interface is not expected in the logic which issued the bug. Where: x = DCH_Interface_ID, y = D channel number.

BUG4024 The mass storage disk manager is busy. The Previous user has not released the disks.

BUG4025 Cannot determine if XTRUNK value is Universal Trunk (NT8D14) or E&M Dictation Trunk (NT8D15).

BUG4026 Invalid entry into procedure NMC_HANDLER.

BUG4027 An out-of-range ISDN message index has been detected while building a message. Message cannot be correctly encoded.

BUG4030 An Analog Line Card (NT8D03) supported PBX set (500/2500 type) went off-hook but the mainpm in the associated Call Register was improper. The mainpm was not RINGING, ESTABLISHED, CAMP-ON, CWAITING, SPECIAL, RAN_WAITING, nor was it CDR. Software will idle the call.

BUG4031 ssd tn An Analog Line Card (NT8D03) supported 500 set sent an input message for a dialed digit with more than 10 pulses, thus interpreted by software to be an invalid dialed digit. Software will ignore this input. In X11 Release 17 the input SSD message and TN are output.

BUG4032 Pointer to PSDL Output CR is NIL.

BUG4036 NIL pointer in procedure call.

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4037 Possible corruption of memory (global pointer).

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4038 Attempt to idle a Call Register with a NIL pointer.

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4039 Possible corruption of memory (global variable).

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4041 Possible corruption of memory (global variable).

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4042 Possible corruption of memory (data).

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4043 PSDL procedure called with an invalid command.

Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.

BUG4044 Disk manager must release the old user before it can assign a new user to the disk.

BUG4045 SS CR holds invalid information

BUG4046 Invalid Facility I.E. information received.

BUG4047 This Service Identifier is not supported by TCAP.

BUG4048 The Local Transaction code is missing in SS CR.

BUG4049 Invalid Service discriminator received in TCAP.

BUG4050 Missing component type in SS CR.

BUG4051 Mandatory information for request output is missing.

BUG4057 Global XI_UTILS called with dataptr = NIL.

BUG4058 Attendant Alternate Answering (AAA) task ID is out-of-range. Global procedure AAA_ALT_ANS.

BUG4059	Attendant Alternate Answering (AAA) timing should not already be active. Procedure AAA_START_TIME.
BUG4060	Attendant Alternate Answering (AAA) timing was not done in the 2 second queue. Procedure AAA_STOP_TIME.
BUG4061	PSW packet length exceeds output buffer length.
BUG4062	Pointer is nil for input block or storage buffer.
BUG4063	Undefined auxiliary customer pointer. This message applies to Release 15.
BUG4064	Illegal parameter passed to WRT_AWU_CU.
BUG4065	Cannot get AWU timeslot.
BUG4068	ACTIVECR or MSG_CRPTR of the U_TRK_BLOCK is NIL in Procedure O_NO_GL_CHNEGO. PRA_TN is printed.
BUG4069	PD-DTI_IDLE_SLOT is called to remove a reserved timeslot but the reserved timeslot count is already zero.
BUG4070	XMI—Message did not enqueue.
BUG4071	XMI—Incomplete message found in queue.
BUG4072 loop	XMI—New message started without finishing the previous message. This may be a Network Card or Peripheral Controller firmware problem.
BUG4076	XMI—Message to idle must first be removed from a queue.
BUG4078	XMI—Message has a bad type (usually greater than 127).
BUG4079	XMI—Unknown application number.
BUG4080	An out-of-range index has been detected for the “Type of Number” field contained in some ISDN information elements. The field cannot be correctly encoded or decoded.
BUG4081	An out-of-range index has been detected for the ’Numbering Plan’ field contained in some ISDN information elements. The field cannot be correctly encoded or decoded.
BUG4082	Intercept Computer (IPC) package does not support more than 4 digit DNs.
BUG4108	Incoming msg not allowed for this application.

BUG4109	VAS ID out-of-range.
BUG4110	Invalid source to ESDI_MAINT.
BUG4111	Invalid ESDI input. May be generated under certain conditions if the port is connected to an application that is busy. Example Option 11C with Meridian Mail. This is design intent, however if the message persists, contact technicial support.
BUG4112	Invalid source to CSL_MAINT procedure.
BUG4113	Database error. For example, CLS_PM does not match the global word CSL_ACTIVE, CSL STANDBY.
BUG4114	When there is a disconnect msg received on SATN but the flag in maintenance CR indicates it is not set up yet. Software error.
BUG4115	SADM with class of service of CMS but cannot find CSL block with matching SATN.
BUG4116	CSL CR pointer is NIL.
BUG4117	MRID is not found in the CSL CR.
BUG4118	MRID or APPLIC (or both) are not found in the CSL CR.
BUG4119	No link number is found for the designated IS/DS port.
BUG4120	No MRID could be allocated to an originating call to IS/DS services.
BUG4124	Unprotected Unit block is missing from terminal TN. Cannot set speechpath on LI Loop.
BUG4125	Message CE is not in QU_NONE.
BUG4126	Output queue is not allocated.
BUG4127	Message CR ID is not .QU_CSL_OP.
BUG4128	Output message has length zero.
BUG4129	Output message exceeds link frame length. Check N1 parameter in Overlay 17.
BUG4130	DLI_AUDIT_TYPE was not set up when either DTI_LOOP_INIT or DTI_PWR_INIT was set.
BUG4135	Invalid ESDI_pm or ESDI_Auxpm.

BUG4138	Failed to set ACD pointers when canceling/answering a RGA on ACD call.
BUG4139	TNTRANS failed when canceling/answering RGA or ACD entry or handling BCS time-out. date: customer number, ACD DN, ACD entry, *(crptr).
BUG4140	ACD key is not configured on the TN when RGA or handling BCS time-out. data: customer number, ACD DN, ACD entry, *(crptr).
BUG4149 t	LD 17 DO_ESDI_TTY should only be called after the TTY IO block is set up for the shown port. Parameters are in decimal. t = TTY port number.
BUG4150	An incoming CSL DATA message has been received with an invalid message subtype. {message type} {message subtype} {VAS ID} {customer number}. Parameters are in hex.
BUG4151	CSL_COADMIN has been called with an invalid source. Parameter is in hex.
BUG4152	CSAI/CSLDATA_MSG has been called with an invalid CSL DATA message subtype. Parameters are in hex.
BUG4153	An incoming CSL DATA data service DN message has been received, but the CSL link (stored in the message Call Register) does not translate to a valid VAS ID. Parameter is in hex.
BUG4154	TNMAINT took too many timeslices RMA/RMA_CSL_TNMAINT.
BUG4155	Flag indicates that an incoming CSL CONFIRM message has been received from the Server, but CSL_MSGPTR is NIL.
BUG4156	An incoming CSL DATA data service DN message has been received, but the DSDN_VAS_TBL_PTR for that customer is NIL. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.
BUG4157	CSAI - entry already in DSDN_LIST.
BUG4158	An incoming CSL DATA data service DN message has been received, but the customer number (from the message) is invalid. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.
BUG4159	An incoming CSL DATA delete data service DN message has been received and the data service DN exists, but the entry for that DN is not in the DSDN_LIST. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.

BUG4160	An incoming CSL DATA delete data service DN message has been received and the data service DN exists, But no entries are defined for that customer and VAS Server. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.
BUG4161	CSAI - not able to build alpha block, should not occur since alpha TNs were already checked.
BUG4162	Flag indicates reception of CSL CONFIRM message, but CSL_MSGPRT is not a CSL message CR.
BUG4163	Flag indicates reception of CSL CONFIRM message, but CSL_MSGPRT is not a CONFIRM message.
BUG4164	Flag indicates reception of CSL CONFIRM message, but customer number is wrong.
BUG4165	Flag indicates reception of CLS CONFIRM message, but from wrong Server.
BUG4200	Trunk TN failed TNTRANS. Procedure TEN_SET_UP_CPG.
BUG4201	Station TN failed TNTRANS. Procedure TEN_SET_UP_CPG.
BUG4202	Caller is neither a trunk nor a station. Procedure TEN_SET_UP_CPG.
BUG4203	Message to Digital set should not use BCS output buffer. Procedure BCSOP
BUG4204	Invalid input command from digital sets. Procedure TCM_INPUT_MSG.
BUG4205	Invalid input for procedure HANDLE_CMD_A.
BUG4206	Invalid input for procedure HANDLE_B1.
BUG4207	Invalid input for procedure HANDLE_B4.
BUG4208	Invalid input for procedure HANDLE_CMD_C.
BUG4209	Invalid input for procedure TOUCH_KEY_FUNC & TOUCH_KEY_FUNC2.
BUG4210	Invalid input for procedure TOUCH_CP.
BUG4211 yyyy	Invalid input for procedure FIXED_KEY. yyyy = the fixed key number
BUG4212 yyyy	Invalid input for procedure ProGRAMMABLE_KEY. yyyy = BCS_FUNCTION.
BUG4213	Invalid input for procedure TOUCH_LOCAL_COMM

BUG4214	Invalid input command for maintenance.
BUG4215	Invalid input command for compact dial pad digit. DIAL_PAD.
BUG4216	Excess invalid input messages from digital sets. Every input message is counted. When the total count reaches a limit, this bug message will be printed and the count is reset to zero.
BUG4217	Unit equipped message is received from given TN when unit is active on call.
BUG4218 yyyy	Invalid input command for CONSULT or COMPLETE_FUNC. Where:yyyy=XFER_INDICATION in CR.
BUG4219	Invalid output command. Procedure TCM_OUTPUT_MSG
BUG4220	Invalid input command for maintenance mode.
BUG4221	Unit unequipped message is received.
BUG4222	Display is equipped, but displayblkptr is nil.
BUG4223	VCE_TN_ORIG call is set on data TN Call Register but active Call Register of voice TN equals nil.
BUG4224	CMC_ON bit is set but current PROT_INDEX is not CMC and CDRCR is equal to end-of-queue.
BUG4225	AMP analog Call Register pointer equal nil.
BUG4226	Change_to_data procedure is called when the data TN is in orig_TN.
BUG4227	Invalid AUXPM in attendant queue.
BUG4228	Active loop does not equal non-active but SRPTR and DES equal nil.
BUG4230	IDLESTATION - neither the SRCPTR or DESTPTR equal CRPTR.
BUG4231	Procedure SETLAMPSTATE, PASSED. SSDKEY is greater than 2009, 2112, or 2018 last key.
BUG4232	LED required but not present on key.
BUG4233	Attempted tds ringtone connection for digital set. Procedure APPLYRINGTONE
BUG4234	Ringslot-junc = 1 and station is not a digital set. Procedure REMRINGTONE (GLOB1).

BUG4235	Procedure CHK_FOR_DATA. Called with wrong parameter.
BUG4236	Attempt to send data message and neither the ORIGTN or TERTN in the call
BUG4237	Voice TN answers or originates data call but fails TNTRANS.
BUG4238	Attempt to idle data CR that was originated by the voice TN but there is no corresponding CR in the voice TN active CR. Procedure CMD_DATA_IDLE
BUG4239	Voice TN originated data call in progress but data TN fails TNTRANS or is disabled. Procedure CHANGE_TO_DATA TCM INPUT_MSG. Procedure CMD_ILDE TCM OUTPUT_MSG
BUG4240	Procedure TSET_DATA_CALL SL-TOUCH updated to data initiation state and there has been no positive response from TADA.
BUG4241	Procedure DATA_RGA_ACCEPT RGA key is not defined properly for data TN at ring-again-accept time.
BUG4242	CRPTR is equal to nil.
BUG4243	Active Call Register if voice set does not equal CPTR CMD_DATA_CFD (digital telephones).
BUG4244	TNTRANS failed.
BUG4245	Invalid input to Procedure SL-1_FUNCTION.
BUG4246	Buzz (bcs2) unit type is not a bcs unit.
BUG4247	Invalid ran route and customer.
BUG4248	Procedure MAX. KEYLINKS passed. Unit type is not a BCS unit.
BUG4249	GET_EXT_UNIT called for a non-terminal loop TN. Must fix calling procedure to process TN in an alternate manner.
BUG4250	TNTRANS failed on NFCR abort-call.
BUG4251	Invalid course for RES_SCBCS.
BUG4252	Invalid return from Procedure RAN Required.
BUG4253	ACD TOF call bit set on non-active incalls key of agent (ACD).
BUG4254	ACD pointers of Target or Source cannot be set. Procedure: Fail2.

BUG4255	This source ACD DN cannot be added to this target ACD DN because it is already servicing the maximum amount of flow-queue (INIT).
BUG4256	Invalid AUXPM. Procedures link into TOF queue and scan Overflow TOF queue.
BUG4257	CONF PTR passed to CONF6_CONTROL (DIGPR) is nil.
BUG4258	Invalid conference loop passed to CONF6_CONTROL (DIGPR).
BUG4259	Invalid Party ID for SLP conference disconnect.
BUG4260	TN Trans failure on SLP calling party.
BUG4261	TN Trans failure on SLP dialed party
BUG4262	SLP call found on Attendant destination
BUG4263	Cannot set ATTN PTRS (atgb2).
BUG4266	What has occurred: Invalid call signaling msg.
BUG4267	What has occurred: CRPTR = nil after from DIGPROC.
BUG4268	What has occurred: Invalid MAINPM for interflowed call.
BUG4269	IDC translation failed. Call intercept to attendant.
BUG4270	Invalid constant at X25_call. Investigate possible data corruption.
BUG4271	Return NIL ptr at RCV_CALL_ACCEPTED.
BUG4272	PS not found at receive BNR. Investigate possible data corruption.
BUG4273	PS not found at receive_RR. Investigate possible data corruption.
BUG4274	PS not found at X25_flow_input. Investigate possible data corruption.
BUG4275	Invalid constant at X25_handler. Investigate possible data corruption.
BUG4276	Invalid constant at proto_conv. Investigate possible data corruption.
BUG4277	Return NIL ptr at proto_conv. Investigate possible data corruption.
BUG4278	TTY_IO_PTR = NIL at ISDNAP_IN. Investigate possible data corruption.
BUG4279	U_CSL_PTR=NIL at ISDNAP_IN. Investigate possible data corruption.
BUG4280	DEVICE=NIL at load_buf. Investigate possible data corruption.

BUG4281	TTY_IO_PTR =NIL at load_buf. Investigate possible data corruption.
BUG4282	Invalid constant at X25_restart. Investigate possible data corruption.
BUG4283	This procedure should not be called at RZC_restart_cnfirm. Investigate possible data corruption.
BUG4284	Invalid lay 3_state at REC_Restart_cnfrm. Investigate possible data corruption.
BUG4285	Invalid constant at X25_state_mgr. Investigate possible data corruption.
BUG4286	Invalid lay 3_state at Do_X25_input. Investigate possible data corruption.
BUG4287	Invalid VC state at validate_state. Investigate possible data corruption.
BUG4288	Invalid P4 state at check_P4 state. Investigate possible data corruption.
BUG4289	Cannot find active LCN at DO_X25_output. Investigate possible data corruption.
BUG4290	Invalid constant at Recv_bad_pkt. Investigate possible data corruption.
BUG4291	Invalid constant at X25_Timer. Investigate possible data corruption.
BUG4292	VC_Timer_ptr=NIC at Set_VC_Timer. Investigate possible data corruption.
BUG4293	VC_Timer_ptr=NIC at clr_VC_Timer. Investigate possible data corruption.
BUG4294	X25_link_Tim_ptr=NIC at Set x25_Tim_T10. Investigate possible data corruption.
BUG4295	X25_link_Tim_ptr=NIC at clr_X25_Tim_T10. Investigate possible data corruption.
BUG4296	No user_Num found at X25_VC_Set_ptr. Investigate possible data corruption.
BUG4297	Invalid_output pkt at upd_out_stat. Investigate possible data corruption.
BUG4298	NIL ptr found at Init_X25_link. Investigate possible data corruption.
BUG4299	NIL ptr found at init_X25_VC. Investigate possible data corruption.
BUG4300	The NET_CR_PTR of the Call Register in use is not in the addon range. Further use of this pointer will cause corruption. NET_CR_PTR (X08 Rls 10). Pretranslation PM not zeroed (X11).

BUG4301	Invalid addon type passed to procedure IDLE_CR_ADDON or procedure GET_CR_ADDON. ADDON_TYPE (X08 Rls 10). Pretranslation PM incorrect, second pass (X11).
BUG4302	Incoming networking trunk call dropped due to system inability to allocate a networking addon. *(CRPTR X08 Rls 10). Pretranslation PM incorrect, second pass (X11).
BUG4303	Incoming networking trunk call dropped due to system loss of networking addon. *(CRPTR) (X08 Rls 10). TN pointer is not loaded (PLORIGPTR = NIL) (X11).
BUG4304	Outgoing networking trunk call aborted due to system loss of networking addon. *(CRPTR) (X08 Rls 10). Non-existent calling type (X11).
BUG4305	Attempt to idle addon failed due to invalid addon pointer. ADDON_PTR (X08 Rls 10). Customer data-pointer is nil (X11).
BUG4306	Invalid TASK_PM passed to DIGPR_TRKS (X08 Rls 10). Customer data has nil entry (X11).
BUG4307	NWK_HELD Call Register of the trunk is disconnected during pendulation due to loss of addon. *(NWK_HELD_CR:ULORIGPTR).
BUG4308	Attempt to copy addon data in global CLONE_ADDON has failed due to inability to get an addon (X08 Rls 10). Option not invoked (PREO = 0) (X11).
BUG4309	Network addon already associated with incoming DID which received VLDN. Call will be intercepted to vacant number treatment. *(CRPTR), NET_CR_PTR:CRPTR.
BUG4310	During the setup of an optimized conference, the original calls' Call Register was found not to have an add on (conference setup will continue) (X08 Rls 10). Auto relocate TN not found on a digital telephone (X11).
BUG4311	History file corrupted: file cleared.
BUG4312	During the setup of a conference, a Call Register with no trunk TNs was found to have an addon. The conference will continue, but the addon will be idled.
BUG4313	During attempt to undo an optimization, RUSE signal to inform remote end of take down could not be sent.
BUG4320	DTI2_HANDLER, source out-of-range.
BUG4321	CH_TN_CONVERT failed (X08 DTI). Supervisor package is equipped, prime TN must be on unit 0 or 4 (X11).

BUG4322	DTI2_HANDLER: DTI2_O_ABCD or DTI2_I_ABCD invalid signal type requested by software (X08 DTI). Supervisor package is equipped, secondary TN must be on unit 1 or 5 (X11).
BUG4323	DTI2_HANDLER: CONVRT_TIME_UNIT. Time unit out-of-range (X08 DTI). Supervisor package is equipped, units 2 and 3 must be free of stations (X11).
BUG4324	Analog procedure called for digital trunk prints TN and global number. (X08 DTI)
BUG4325	Attempt to remove memory segment from LINKLIST has failed. Procedure REMOVE_STORAGE. Attempt to remove not on linklist (X11).
BUG4326	Invalid originator for Interflow, Night Call Forward (X11) or Busy Tone calls.
BUG4327	Back_PTR equals nil for Night Call Forward (X11). DT12_HANDLER: DT12_INPUT, DT12_I_PPM or DT12_I_ABCD. Invalid TN (X08 DTI).
BUG4328	CHECK_CONTY called when no slot seized.
BUG4329	Attempt to seize slot while slot already seized.
BUG4330	Logical page parameter does not fall on the correct physical page.
BUG4331	ASNK key pressed but LND package not equipped.
BUG4332	Procedure SEARCH_ROUTE module DIGLB: LAST_SELECTED out of bounds.
BUG4333	Data corruption detected in attendant TN list: CUST # ATT_ACCODE, ATT # ATTN TN.
BUG4334	CR to idle has a temporary CR linked.
BUG4335	Temporary CR is not in CR range.
BUG4336	Analog PPM procedure called for digital trunk channel. Prints TN an PPM module TASK parameter (X08 DTI). Error source passed into ACD_COLL_STATS (X11).
BUG4337	Invalid return code to try_interflow from procedure check_IFDN (X11). Digital PPM procedure called for analog trunk. Prints TN and PPM module TASK parameter (X08 DTI).
BUG4338	Invalid return code to ran_timing from procedure check_NCFW_dn (X11). Invalid source for digital trunks (X08 DTI).
BUG4339	Call tries to interflow when it is not calling its source queue.

BUG4340 Invalid persist time (X08 DTI-DATA). P_ESDI_PTR=NIL at FREE_P_X25_DATA; investigate possible data corruption (X11).

BUG4341 TTY10BLK_PTL=NIL at FREE_U_X25_DATA.

Action: Investigate possible data corruption.

BUG4342 U_DATA_BLK_PTR=NIL at FREE_U_X25_DATA.

Action: Investigate possible data corruption.

BUG4343 X25_I_PTR=NIL at FREE_U_X25_DATA.

Action: Investigate possible data corruption.

BUG4344 X25_O_PTR=NIL at FREE_U_X25_DATA.

Action: Investigate possible data corruption.

BUG4345 U_X25_BLK_PTR=NIL at FREE_U_X25_DATA.

Action: Investigate possible data corruption.

BUG4346 Invalid case at X25 handler.

Action: Investigate possible data corruption.

BUG4347 Invalid X25 link with standby (CSLM). X25 link has no standby.

BUG4348 Son Cr type set_Ring_cr linked to the main cr is not equal to that on the timing queue.

BUG4349 PARM_INDIC has been set to incorrect value in “STOR” ACD Load Management Command. There is a software bug in module ACDL, procedure IN_PARM_INDIC to an unexpected value.

BUG4350 Attempt to free memory out-of-range (SL-1 NT/XT).

BUG4351 Attempt to free invalid memory type (SL-1 NT/XT).

BUG4352 Attempt to get memory out-of-range (SL-1 NT/XT).

BUG4353 Negative value used as an index.

BUG4355 Lockout timing cr points to a trunk that does not point to the timing cr - timing cr idled.

BUG4356 Invalid trunk tn found when checking for the R2 mod feature.

BUG4357 Invalid route found in module mfc.

BUG4358 Invalid CMF TN found on a R2 mod trunk.

BUG4359 A call through a NWK Trunk has been camped on for 40 minutes and an attempt to disconnect it was made, but no origTN was found in the Call Register AT6B2_Time_REM_TO.

BUG4360 TNTRANS failed in module mfc.

BUG4361 A call to the global procedure CHK_ADDON_PTR was made with a Call Register pointer equal to NIL.

BUG4362 A call to the global procedure CHK_ADDON_PTR was not in the Call Register range.

BUG4363 Digits found in a NRGA_CR are valid, but not equal to a NLC or TNDN - GL FIND_NRGA_CR. This will be caused if NRGA is set up wrong in a NLC (not TNDN), scheme. NLCP must be YES in all network NLC block.

BUG4364 Digits found in a nrga_cr are invalid GL - FIND_NRGA_CR This will be caused if NRGA is set up wrong in a NLC (not TNDN), scheme. NLCP must be YES in all network NLC block.

BUG4365 Incomplete DN found in a NRGA_CR GL - FIND_NRGA_CR. This will be caused if NRGA is set up wrong in a NLC (not TNDN), scheme. NLCP must be YES in all network NLC block.

BUG4366 A 500 set has went into lockout with a TRK still attached. The trunk was not involved in a network call so it will not be taken down as the state is unknown. GL_LINE_LOCKOUT, IDLE_NET_TRK.

BUG4367 LND trying to reinsert dialed NLC, but a translation on the NLC digits in the NLC block has failed. Indicates data corruption. GL - LND - insert NLC_DIGS {DN_TYPE} {CUSTOMER} {NLC BLK PTR}.

BUG4368 A call to the global procedure CMF_TBL_PTR was made with an invalid CMF TN or Trunk TN. {TASK TYPE} {CMF TN} {TRUNK TN}.

BUG4375 NIL ptr found at init_X25_VC.

Action: Investigate possible data corruption.

BUG4376 X25_U_VC_ptr=NIC at update_V.

Action: Investigate possible data corruption.

BUG4377 X25_U_blk_ptr=NIL at upd_lay3_state.

Action: Investigate possible data corruption.

BUG4378 X25_U_VC_ptr=NIC at upd_data_xfer.
Action: Investigate possible data corruption.

BUG4379 Invalid constant at flow handler.
Action: Investigate possible data corruption.

BUG4380 No clr_call for PVC at DO_SND_CLR_IND.
Action: Investigate possible data corruption.

BUG4381 Procedure RSANI Invalid source for procedure call. *(CRPTR)

BUG4382 Procedure BCSTO. Invalid TN found in TERMINAL. *CRPTR)

BUG4383 Procedure LIN500TO. Invalid source for procedure call. *(CRPTR)

BUG4384 Procedure LIN500TO. Invalid ORIGTN found in TERMINAL. *(CRPTR)

BUG4385 Procedure LIN500TO. Invalid TERTN found in TERMINAL. *(CRPTR)

BUG4386 Procedure ATTENDANTTO _ Invalid TN found in TERMINAL. *(CRPTR)

BUG4387 Procedure RLA. Invalid TN found in TERMINAL. *(CRPTR)

BUG4388 Procedure RLA. Invalid TN found in TERMINAL. *(CRPTR)

BUG4390 ACD_ITEMPTR is not an ACD agent.

BUG4391 Cannot set pointers for ACD Agent.

BUG4392 Agents template pointer is NIL.

BUG4393 Agents account CR never released.

BUG4394 ACNT key is on a non-lamp key number.

BUG4395 Bad source into ACD_ACNT_Code Procedure.

BUG4396 ACNT key in FLASHING state.

BUG4397 Account Code CR equals NIL and ACD_ACNT_IN_PROG bit set in active CR.

BUG4398 ACNT key WINKING or LIT, but agent not active on ACD call.

BUG4399 ACTIVECR in procedure state_handler in PRA module is nil. Return address stack will be printed.

Action: Save a hard copy of the BUG printout.Contact your technical support group.

BUG4400 Loop defined as a primary or secondary reference clock source is not a DTI loop.

BUG4401 Data is inconsistent for clock sources.

BUG4402 Call type with .COS_NAP should not be making outgoing trunk calls.

BUG4405 Illegal entry into procedure CMF_UTILITY.

BUG4406 BREAK_IN: Case task is out-of-range.

BUG4407 BREAK_IN: Procedure Set_Up_BKIN; No Call Register is available.

BUG4409 Writepds has been called for an address between top addr match and bot addr match (diagnostic).

BUG4410 A truncation error has occurred in OMEGA memory management. It was corrected.

BUG4500 BREAKIN: Incorrect task number passed to BKI_MAIN.

BUG4501 BREAKIN: SAVE_BKI_SLDT: TN is not an attendant.

BUG4502 BREAKIN: RECONSTRUCT_BKI. Attempt to reconstruct simple call with nonexistent terminal(s).

BUG4503 BREAKIN: SET_UP_BKIN: INTICR failed.

BUG4504 BREAKIN: RECONSTRUCT_CALL: SAVESLOT is nonexistent.

BUG4510 CRPTR = NIL (FTC_HANDLER).

BUG4511 FTC table does not exist. Table 0 used.

BUG4550 Attempt to output message to invalid card.

BUG4552 (TN TRANS fail) RBTS set-tone.

BUG4553 X25-SET-PTR failed.

Action: Investigate possible data corruption.

BUG4554 Invalid case # at X25 handler.

Action: Investigate possible data corruption.

BUG4555 Invalid LAY3 state at X25.

Action: Investigate possible data corruption.

BUG4556 X25_VC_Set_ptr failed at X25.

Action: Investigate possible data corruption.

BUG4557 IO BLOCKLINK=NIL at X25.

Action: Investigate data corruption.

BUG4558 U_CSL_PTR=NIL at X25.

Action: Investigate data corruption.

BUG4559 Device address=NIL.

Action: Investigate data corruption.

BUG4560 IDN key on non-lamp key

BUG4561 Invalid treatment found for DND treatment options.

BUG4562 PREO =1, and Pretrans block =NIL

BUG4563 Pretranslation block pointer is NIL.

BUG4564 t Parameter downloading failed: invalid xcard_type t passed to the procedure Param_Download.

BUG4565 loop Parameter downloading failed: loop is undefined or is not a superloop.

BUG4566 loop s Parameter downloading failed. Peripheral Controller is undefined for given address.

BUG4654 Enhanced vars call. TN trans failure on the tertn. (PROCEDURE ENH_VARS_SET_UP).

BUG4655 Incompatible data exists between HELD_CR and MISOP_HLD:CRPRT.

BUG4656 TN Trans failed. Trunk will hung. Procedure MISOP_2PY in module MISOxxx.

BUG4665 An incoming time-out has occurred when a phantom call was invoked.

BUG4666 Procedure BURP_ABLE has failed to send the BUR.

BUG5000	Operation not defined (NAS).
BUG5001	Tag not defined for operation (NAS).
BUG5002	Value not defined for this primitive (NAS).
BUG5003	Cannot call ENCODE with a sequence (NAS).
BUG5004	Primitive not valid for this operation (NAS).
BUG5005	Problem during setup of operation (NAS).
BUG5006	Invalid originating TN (ORIGTN) in Call Register during NAS.
BUG5007	Invalid customer number. Procedure nas_check_ptrs.
BUG5008	Nil pointer to NAS alternatives (insert digits). Procedure nas_check_ptrs.
BUG5009	No digits to be inserted for NAS routing. Procedure nas_check_ptrs.
BUG5010	Wink not valid for NAS (Fast Flash). Procedure nas_check_ptrs.
BUG5011	Lamp state out-of-range or not allowed. Procedure nas_check_ptrs.
BUG5012	Invalid NAS check. Procedure nas_check_ptrs.
BUG5013	TNTRANS failed in NAS related procedure. Procedure nas_check_ptrs.
BUG5014	Warning BKI Term node executing original code. Procedure nas_check_ptrs.
BUG5015	Invalid call state for invoking of attendant control Procedure nas_check_ptrs.
BUG5016	Attempt to invoke attendant control on non BCS/PBX unit, or by a non-NAS attendant. Procedure nas_check_ptrs.
BUG5017	Return-error or return-result received for attendant control when no invoke was sent. Procedure nas_check_ptrs.
BUG5018	Invalid call state to receive return result or return error for attendant control. Procedure nas_check_ptrs.
BUG5019	Attendant control operation received in an invalid PRA message. Procedure nas_check_ptrs.
BUG5020	Far end reject of ring held party activation. Procedure nas_check_ptrs.

BUG5021	Invalid PRA message or state for ring held party operation reception. Procedure nas_check_ptrs.
BUG5022	Invalid onhook or offhook message received. Procedure nas_check_ptrs.
BUG5023	Onhook or offhook called for a call not involved with an ISDN trunk. Procedure nas_check_ptrs.
BUG5024	Invalid case for reception of ring held party activation. Procedure nas_check_ptrs.
BUG5025	Problem idling SSMSGCR at end of PRA. Procedure nas_check_ptrs.
BUG5026	Break-in encountered invalid data. Procedure nas_check_ptrs.
BUG5027	Unexpected return value from nas_routing in PRA, digproc or NARS. Procedure nas_check_ptrs.
BUG5028	NIL msg_crptr in the ulpraprt. Procedure nas_check_ptrs.
BUG5029	Problem in SETCUSTPTRS. Procedure nas_check_ptrs.
BUG5030	Cannot idle NARS Call Register. Procedure nas_check_ptrs.
BUG5031	Invalid primitive for message type. Procedure nas_check_ptrs.
BUG5032	Camp-On desired party ringing, however last message received not as expected. Procedure nas_check_ptrs.
BUG5033	Unexpected EVENT received at tandem node. Procedure nas_check_ptrs.
BUG5035	Unexpected condition in NAS anti-tromboning procedure or related procedure.
BUG5041	Invalid Source (NACD).
BUG5042	Invalid package type (NACD).
BUG5043	Invalid message type (NACD).
BUG5044	Invalid state (NACD). Procedure Invalid State.
BUG5045	Invalid return from NITE_TRMT_REQD (NACD).
BUG5046	Invalid AUXPM (NACD). Procedure LINK_INTO_TOF_Q
BUG5047	Call has not been removed from the queue (NACD). Procedure LINK_IN_MIDDLE

BUG5048	Incorrect Access Code (ACOD) length (NACD). Procedure SEND_LOG_REQ
BUG5049	Parameters are too long for Call Request or Status Exchange (NACD). Procedure SEND_LOG_REQ, or SEND_STAT_EXCH
BUG5050	Cannot create son cr (NACD). Procedure SEND_LOG_REQ, NACD_AGT_AVAIL, SEND_CALLSETUP, NACD_CALLSETUP.
BUG5051	Cannot set ACD pointers (NACD). Procedure SET_ACD_PTRS, SET_2ND_ACD_PTRS, NACD_NETQ_PROC
BUG5052	Cannot find father CR (NACD). Procedure CALL_REQ_TO, NACD_CALLSETUP, NACD_NETQ_PROC.
BUG5053	The duration tag is missing (NACD). Procedure CALL_REQ_TO
BUG5054	CRPTR is not set to the main CR. Procedure NACD_AGT_AVAIL, SEND_CALLSETUP, NACD_CALLSETUP, SEND_NOVF, CLEAN_UP_ROSE_CR.
BUG5055	Cannot find the TCAP CR. Procedure NACD_AGT_AVAIL, NACD_AGT_UNRESV, RESERV_TIMER_TO, NACD_ALERT, NACD_NETQ_PROC.
BUG5056	Cannot remove Target Node. Procedure NACD_AGT_AVAIL, NACD_AGT_UNRESEV, RESERV_TIMER_TO, NACD_CALLSETUP, AGT_FREE_SENT
BUG5057	Cannot TNTRANS Agent. Procedure NACD_BUZZ_TO, DECR_AGT_DIS, NACD_CALLSETUP
BUG5058	Cannot TNTRANS Originating TN for Main CR. Procedure SEND_CALLSETUP.
BUG5059	Main & AUXPM are incorrect on Agent’s CR. Procedure NACD_CALLSETUP
BUG5060	Agent’s keylink not set correctly. Procedure NACD_CALLSETUP.
BUG5061	Cannot remove son by PTR. Procedure NACD_ALERT
BUG5062	TERTYPE is not a trunk CR. Procedure CLEAN_UP_RESECR
BUG5063	Invalid AUXPM. Procedure REMOVE_FR_Q, NACD_RET_TO_Q
BUG5064	Trying to remove a call that is in the 128 ms queue. Procedure REMOVE_FR_Q
BUG5065	Invalid Agent Priority. Procedure REMOVE_FR_Q

BUG5066	Call already in queue. Procedure NACD_LINK.
BUG5067	Main CR indicates NACD_PROC son, but the AUX_CRLINK is nil. Procedure NACD_REM_LOC, NACD_LINK_LOC.
BUG5069	No trunk ACOD in the NACD_ROSE_CR to use as an originating DN.
BUG5070	Invalid reason code given in the Procedure DO_REASON.
BUG5071	The AUX_CRLINK for this Call Register is corrupted. It exceeds the maximum number of son Call Registers allowed.
BUG5072	Procedure REMOVE was called incorrectly to remove the call from the register that was linked to the ACD Call Request queue.
BUG5074	Cannot find the Message CR for this data base request transaction. Message will not be sent.
BUG5075	Invalid Timer type encountered in 2 s queue, NACD will idle the CR.
BUG5076	Resend timer time-out occurred in an invalid application state. The CR will be idled.
BUG5077	BLOCK_PTR is not in the ACD queue. Procedure REMOVE_FR_Q
BUG5078	BLOCK_PTR in not in a Call Register. Procedure REMOVE_FR_Q
BUG5081T xxxx	An invalid timer value is present in the procedure PRA_GET_TIMER. Where: T= Timer identified and xxxx= timer value **Action:** Contact your technical support group.
BUG5082 xx	Invalid numbering type in msg cr for International Interface. Where: xx = number type
BUG5083 xx	Invalid Message type from SEND_ON_ORIG (PRA). Where: xx = Message Type
BUG5084	PRA_O_GL_CRPTR of the PRA_MSG_CR is NIL in O_GLARE_CHNEGO.
BUG5085	Main stack audit location (10 words from the bottom of the main stack) has been written. This is a warning message that the Main Stack may need to be expanded to prevent stack overflow.
BUG5086	Return Address Stack audit location (10 words from the bottom of the RAS) has been written. This is a warning message that the RAS may need to be expanded to prevent stack overflow.

BUG5087	TNTRANS on the alternate B-channel failed in Procedure INC_CH_NEGO. CHANNEL_TN is printed.
BUG5088	An invalid digit has been detected in the message CR while encoding a number for an outgoing ISDN message. The number was skipped and not put in the outgoing message.
BUG5089	An invalid type was found for the Timer 1 Auxiliary Timing block. Global: DCH Handler. Procedure AUX_TIMER1_TO. Field: DCH_AUX_T1_TYPE
BUG5090 tn	NIL value returned for the key template address for this Digital Set. The set must be redefined in the data base. Procedure GET_TEMPL_PTR
BUG5092	DATA_PTR has exceeded MAX_DATA-PTR. PRS BV16048
BUG5093	Processing pointer for specified queue is nil QU_ID.
BUG5094	DATA_PTR or MAX_DATA_PTR is corrupted.
BUG5095	Tone cr could not be removed from list of sons (Periodic Camp-on Tone feature).
BUG5096	The DN programmed as a forwarding DN is not an internal DN, or does not exist.
BUG5097	The DN programmed as a forwarding DN is not a single appearance DN.
BUG5098	The DN programmed as a forwarding DN is not a secretary set.
BUG5099	Origtn has been programmed as both a Boss and a Secretary telephone
BUG5100	WARNING: FIFO treatment of Q is not provided. DIGPROC is returning a different CR back onto one of the ATTN Qs processed by WKSD. Call processing still works. *(CRPTR)
BUG5101	Loop is not an RPE2 loop or necessary loop blocks do not exist.
BUG5102	RPE2 group is automatically spared but there is no group pointer.
BUG5103	TN exists in network memory but corresponding CRPTR is NIL (RPE2).
BUG5104	No timeslot is available for RPE2 call rebuild.
BUG5106	The In-band ANI route found is not an auto-terminating route. All IANI routes should be auto-terminating.
BUG5107	DLAMP is in an invalid state (greater than .lit)
BUG5108	CRPTR is not in range when L DISCONNECT is requested.

Action: Notify the attendant to release the SRC/DEST if this occurs. The disconnect message is ignored, and there may be a stuck path.

BUG5109 The CRPTR is not in range when the ATTN RLS CALL is requested.

Action: Notify the attendant to release the SRC/DEST if this occurs. No disconnect is allowed and the release request is ignored. You may have a stuck path.

BUG5110 The CRPTR is not in range when a release is requested during an ATTN_RLS_CALL.

Action: Notify the attendant to release the SRC/DEST if this occurs. The release is not allowed and the request is ignored, there may be a stuck path.

BUG5112 tn1 tn2 y s Slot Y has been reserved as a re-usable slot for tn1, but the NWK memory shows that Slot s is also active for tn2. Global Procedure FINDONEWAY. Local Procedure CHK_VALID_REUSE

BUG5113 tn s Slot s is marked as a re-usable slot assigned to tn, but its RESERV_COUNT field is zero in the U_SLOT_SHARE_BLK. Global Procedure IDLEONEWAY. Local Procedure DTI_IDLE_SLOT

BUG5114 TFM - NIL ROUTE POINTER, prints route number

BUG5115 The system cannot retrieve the pointer for the 500/2500 set's protected line data block.

BUG5116 Your attempt to link a CR to the Attendant has failed. BKI_LINK_TO_ATTN.

BUG5117 Your attempt to link a CR to desired party failed. BKI_LINK_TO_DES

BUG5118 Unable to activate/deactivate the Break-In with Secrecy (BKIS) feature.

BUG5119 The number of TNs configured in the system is equal to or less than zero.

BUG5120 The number of ACD Agents/Supervisors configured in the system is equal to or less than zero.

BUG5121 The number of ACD-DNs configured is equal to or less than zero.

BUG5122 The number of AST sets configured is equal to or less than zero.

BUG5124 Invalid source to Trunk Optimization (TRO) handler.

BUG5125 Facility is not contained in facility message.

BUG5126	TRO father cr is missing.
BUG5127	TRO supplementary cr is missing.
BUG5128	Invalid operation value in facility IE.
BUG5129	Invalid FAC (invoke, rr, re, rej) message received.
BUG5130	Invalid call state.
BUG5131	Cannot initiate TRO call at originating node.
BUG5132	TRO is rejected
BUG5133	No NARS on CR.
BUG5134	Facility message time out.
BUG5135	Failed to send facility message.
BUG5144	The identifier for that information request is invalid.
BUG5145	Invalid lamp state for the WUK key on a BCS set. Procedure AWU_WUK_PRESSED. Dark, lit or flash are the only valid lamp states.
BUG5146	Invalid WRITE_TYPE value passed in procedure WRT_AWU_TN.
BUG5147	Invalid AWU_TYPE value passed in procedure AWU_KEY.
BUG5148	Pointer(s) is (are) not correctly set before the procedure WUK_DARK_OR_LIT is called from procedure AWU_KEY. Possible data corruption.
BUG5149	CRPTR=NIL when it should already exist. Procedure WUK_LAMP_FLASH.
BUG5150	Procedure WUK_RESTORE was incorrectly called when the set was not a BCS set.
BUG5151 q i	An XMI message register in this queue has an incorrect or invalid ID. Where: q = XMI queue, i = message register’s ID.
BUG5152 i	An XMI message register has an invalid queue ID. Where: i = message register’s queue ID.
BUG5153 q	This XMI queue is corrupted. Where: q = XMI queue.
BUG5154 q	This XMI queue’s data block is corrupted. Where: q = XMI queue.

BUG5155 a The message register address passed to XI_UTILS or XI_HELPER is outside the valid message register address space. Where: a = address.

BUG5156 The DN type for that set is incorrect; it cannot be M2000 or 500/2500 type telephone sets. Procedure: WUK_DARK_OR_LIT or FFC_FIND_AWU_TN

BUG5157 loop ts n0 n1 Attempt to write to an invalid timeslot. Procedure Write_NWK. Output:Loop=superloop number, ts = timeslot, n0 = NWKdata0, n1 = NWKdata1

BUG5158 Corrupted data. The SDAC STATE in the CR is invalid when Single Digit Access to Services (SDAC) translation is not allowed.

BUG5159 The system has encountered an invalid RPNS counter. RPNS = Recall with Priority in Night Service

BUG5160 Software error. The L1 signaling cannot change to Level 2 signaling when the current signaling level is other than level 1.

BUG5161 Software error. The son Call Register used for L1 signaling cannot be found, or the son Call Register is not allocated.

BUG5162 The L1/ISDN Gateway ROSE-type Call Register cannot be found. The L1/ISDN Gateway information has been lost. Ringtone cannot be applied to the destination.

BUG5163 The L1/ISDN Gateway ROSE-type Call Register cannot be linked to the PRA message Call Register. The L1/ISDN Gateway information is not sent. Ringtone cannot be applied to the destination.

BUG5164 The L1/ISDN gateway has failed during a call because of an L1 signaling failure. The L1/ISDN Gateway call fails.

BUG5165 The MFC level is not a valid L1 MFC signal level.

BUG5166 The L1 MFC input received is not a valid signal supported at this level.

BUG5167 There is no supported SS function found in the SS table.

BUG5168 Cannot find a DN or TN. No CNI information has been assigned in the Trunk data

BUG5169 That is an invalid response to the SS digit received.

BUG5170 No supplementary service function found.

BUG5171 That is an invalid response to the CNI digit.

BUG5172 That is an invalid response to the SS function.

BUG5173 That is an invalid response to the level 3 backward signal.

BUG5174 That is an invalid response to the level 3 forward signal.

BUG5175 TCAP Call Register not in 2 second queue. Procedure adp_free_sent, resrv_timer_to

BUG5176 TNTRANS has failed for RTSA (PD. update CW)

BUG5177 The Attendant TN is 0 (PD. update CW)

BUG5178 The ATTNDPTR = NIL (PD. update CW)

BUG5179 The SET_ROUTE_PTRS failed in the TIE_INC_INP procedure. A forced release is needed because you may have a stuck trunk.

Action: Check the TN indicated in the CRPTR information for status.

BUG5180 Please wait while the Virtual Network Service (VNS) performs some call processing.

BUG5181 There was a nil pointer found during Virtual Network Service (VNS) call processing.

BUG5182 There is a PRA call reference mismatch affecting the VNS Index pointer. (Virtual Network Services), run an audit.

BUG5183 That task number is invalid for Virtual Network Services (VNS).

BUG5184 Virtual Network Service (VNS) trunk flag was set improperly, it has been cleared.

BUG5185 VNS D-channel pointers cannot be restored

BUG5186 No pointer to VNS timing block

BUG5187 Invalid information in VNS timing block

BUG5188 Route Data Block not available to start a VNS timer

BUG5189 Invalid VNS timer to start {timer}

BUG5190 X An invalid request was passed to ISDN when the source was ISDN_TO. Where:X = decimal integer value

Action: Please report this software occurrence to your technical support group.

BUG5191	Not expected Default case statement executed (Scrps).
BUG5192	DN-PSA tree corrupted (Scrps).
BUG5193	Invalid Task passed to RPA module.
BUG5194	Invalid new RPA PM state. State is not changed.
BUG5195	Father CR (CRPTR) passed to RPA should not be NULL.
BUG5196	An RPA son CR was expected but not found.
BUG5197	Invalid timeout or change of On-/Off-Hook state is passed to RPA. Called from TRKS.
BUG5198	Pd. Idle AUXCR failed in pd. RPA idle RAN.
BUG5199	TN trans failed in procedure RPA idle RAN.
BUG5200	Pd. Idle AUXCR failed in procedure Give RAN.
BUG5201	CRPTR equal to nil when a value was expected during a radio paging call.
BUG5202	TN trans on Origin or on Paging TN failed during a radio paging call.
BUG5203	Setting system or customer pointers failed during a radio paging call.
BUG5204	Mode digit stored for an RPA call is not a number.
BUG5205	No digits found in the DN when an RPA DN trans done.
BUG5206	Wrong RPA PM found.
BUG5207	TN trans on TTR TN stored in CR failed.
BUG5208	Wrong task to pd. Get TTR Path.
BUG5209	No father CR found when SON_CR processed in queue. **Action:** Wait to receive a tone.
BUG5210	Setting ATTN pointers during an RPA call failed.
BUG5211	Digitload or Digitunload not correctly set during an RPA call.
BUG5212	Wrong return value for RPA DN trans.
BUG5213	DN PSA tree corrupted.

BUG5214	Wrong state when outpulse of octothorpe on RPA trunk is terminated.
BUG5215	Invalid DN stored for RPA recall.
BUG5216	Invalid PM found during cancel recall.
BUG5217	Invalid TN found during cancel recall.
BUG5218	No Call Register available.
BUG5219	Cannot create a radio paging son.
BUG5220	Radio paging accessed with invalid origtype.
BUG5221	The radio paging father CR cannot be found.
BUG5222	Invalid AUXPM in the radio paging son when timeout in the meet-me queue occurred.
BUG5223	Customer pointers cannot be set.
BUG5224	The radio paging Father CR cannot be found.
BUG5225	Illegal origtype when trying to answer a radio paging call.
BUG5226	OrigTN in the radio paging father and son are not the same.
BUG5227	The radio paging father CR cannot be found.
BUG5228	When trying to abandon a radio paging call, neither the father nor the son CR could be found.
BUG5229	The radio paging father CR cannot be found.
BUG5230	Wrong task for Call Transfer to radio paging system.
BUG5231	No SON CR when Set RPA Item is called.
BUG5232	TER TN of CRPTR is expected to be RPA trunk and is not.
BUG5233	The paging party is not a set or trunk.
BUG5234	No orig TN in Father CR.
BUG5241 x	An invalid request value was passed to INTL_PRA_UTILITY. Where:x=decimal integer request value. **Action:** Please report this software occurrence to your technical support group.

BUG5242 We are unable to obtain the Unprotected data store required for the Ringing Change feature.

BUG5243 The SECL indication between the SRC and DEST is incoherent.

BUG5244 D tnS Cannot use the B-channel or the ISL trunk, because the STATEPM of the trunk is not idle. The B-channel or ISL trunk is put in a maintenance busy state. Please manually restart the given B-channel for the ISL trunk.

D = D-channel number involved.

Tn= Terminal Number associated

S = State Parameter

BUG5246 WARNING: Data corruption! A bad DTR data block has been identified in an initialization. The internal TN is shown as a hex code, so the return address stack is not output.

Action: Contact your technical support group.

BUG5247 The TIME_SYNCH procedure has been invoked by an invalid parameter.

BUG5248 PACKED TN xx The B-channel entered is not in an appropriate state for Overlap Sending. This B-channel should not be entering this procedure: PRA_OUTPULSING.

Action: Contact your technical support group.

BUG5249 CR INFO The SEARCH_ROUTE has determined that this call should revert back to Enbloc Dialing. Either Overlap Sending was initiated by a software error, or the SEARCH_ROUTE is returning the wrong value.

BUG5250 If pbx_unit is passed into bcs lamp, setssdptr will return an incorrect ptr and cause data corruption.

BUG5251 If pbx_unit is passed into set-lamp state, setssdptr will return an incorrect ptr and cause data corruption.

BUG5252 That parameter for the TIME_SYNCH procedure is invalid.

BUG5253 A D O T The active Call Register is nil. No DNP message is sent to the Meridian Mail server, and no call modification information is transmitted.

A = xxxx, operation code for TCAP protocol

D = xxx, parameter data for TCAP protocol

O = xxxxxxx, Originating digits

T = xxxxxxx, Terminating digits

BUG5254 Unable to set up customer pointers. Hospitality procedure.

BUG5255 TNTRANS failed. Hospitality and Disconnect procedures.

BUG5256 tn1 tn2 dn Link from set to tree is corrupted. The PPM trunk is disconnected. Where: tn1=TN o fset; tn2 =TN of PPM trunk; dn = DID-DN of set.

BUG5257 tn dn Link from set to tree is corrupted. Data: tn = TN of set, dn = DID-DN of set.

BUG5258 CRPTR was found NIL. Hospitality procedure.

BUG5259 A command has been received from the PMS to check-out a patient. The patient status was InRoom. The data for the phone cannot be found for use by another patient.

BUG5260 Conference pointer is NIL. Procedures HSP_CHECK_RAN HSP_CONF_FLAG of RAN

BUG5261 No RAN trunk could be found in a Hospitality RAN conference. HSP_CHECK_RAN of Hospitality.

BUG5262 Hospitality RAN CR could not be removed from list of sons. HSP_IDLE_SON of Hospitality and RAN.

BUG5263 Attempt to use HIDN flexible feature code, but the package is not equipped. FFC_DO_HIDN procedure.

BUG5264 Illegal case executed in a CASE statement. FFC_DO_HIDN procedure.

BUG5265 Attempt to use HREL flexible feature code, but the package is not equipped. FFC_DO_HREL procedure.

BUG5266 Illegal case executed in a CASE statement. FFC_DO_HREL procedure.

BUG5267 Invalid DID number. HSP_GETLEAF_PTR of Hospitality.

BUG5268 Illegal case executed in a CASE statement. Hospitality procedure.

BUG5269 Attempt to charge a PPM call to an idle room. The PPM trunk is disconnected. HSP_RCVD_COUNT of Hospitality.

BUG5270 Son Call Register could not be retrieved. Hospitality procedure.

BUG5271 Unable to set up route pointers

BUG5272 An invalid command type has been passed to the global procedure glob_handler.

BUG5273	Procedure RMS_CHG_STAT. When finding the Maid ID number, there was an invalid room status operation.
BUG5274	The number of requests for a global is found to be less than zero. It is reset to zero.
BUG5275	The pointer to the WORKAREA in global procedure glob_handler is NIL.
BUG5276	Unexpected value for slot map. Checks the decoding of slot map.
BUG5277	Procedure MAID_ID_START. Should only be called for an RMK key operation or Dial Access.
BUG5279	Trying to display an invalid room status. Valid room status numbers are (0) - 7.
BUG5280	Invalid request for NCT_HANDLER.
BUG5281	ROSE error for Network Call Trace.
BUG5282	Call is blocked at the originating node, but the NCT Locator has no value assigned.
BUG5283	Call is blocked at the tandem node, but the NCT Locator has no value assigned.
BUG5290	Unexpected Mainpm or Auxpm while processing address acknowledge signal for incoming Japanese DID trunk call. The dialed digits will not be acknowledged; the calling party should receive busy tone from the far-end equipment. • crptr.
BUG5291	Out of the ACD_SOURCE case.
BUG5292	In procedure DIAL_UPDATE, the cleaning status should have already been verified; the saved cleaning status value was somehow overwritten or was never initialized.
BUG5293	Call is not in the CCR queue.
BUG5295	TNTRANS failed in procedure give_default.
BUG5296	CCR call is not in the CDN queue.
BUG5298	Call to be removed from CDN is not a main Call Register (ICP_remove).
BUG5299	Terminating set is not a BCS or PBX set. Cannot set_pos_ptr in ICP module.
BUG5300	Terminating set is not an ACD set. Cannot set_pos_ptr in the CCR module.

BUG5301 In global procedure idctrans of cpndqury, current tree_digit_code of nfcr/idc block indicates an idc_ptr, but this pointer is nil. Data may be corrupted.

BUG5302 In global procedure idctrans of cpndqury, current tree_digit_code of nfcr/idc block indicates an idc_leaf_ptr, but this pointer is nil. Data may be corrupted.

BUG5306 The trunk is already in the timing queue. No Real Time PPM timing can be started on it.

BUG5307 The trunk to be idled is still flagged as timed for Real Time PPM feature.

BUG5308 The trunk state is not valid if this time out is due to Real Time PPM (trunkpm may

BUG5309 Invalid source value passed to procedure. Where: aaaa = SOURCE

Format:

BUG xxxx Return Address Stack

BUG xxxx aaaa bbbb cccc dddd eeee ffff

Where:

aaaa - data parameter specific to each message

bbbb - the current value of CL_CURRENT_CARD

cccc - the current CL_L3- STATE

dddd - the current CL_L2-STATE

eeee - the current CL_XI_RX-STATE

ffff - the current CL_XI_TX-STATE

BUG5310 Invalid CL_L3_STATE in cardlan. Where: aaaa = Do not care.

Action: For ’Format’ see BUG5309.

BUG5311 Invalid CL_L2_STATE.in cardlan. Where: aaaa = Do not care.

Action: For ’Format’ see BUG5309.

BUG5312 Received a single type message when Layer 3 was not idle. Where: aaaa = message received.

Action: For ’Format’ see BUG5309.

BUG5313 Cardlan received an invalid message. Where: aaaa = message.

Action: For ’Format’ see BUG5309.

BUG5314 Cardlan procedure CL_L2_SEND failed to send an outgoing message. Where: aaaa = Do not care.

Action: For 'Format' see BUG5309.

BUG5315 Invalid loop type on output SSD message. Loop must be a superloop.

BUG5316 Cardlan Layer 3 requested to send RTS message but layer 2 was in the incorrect state. Where: aaaa = Do not care.

Action: For 'Format' see BUG5309.

BUG5317 Invalid cardlan CL_L3_AUXSTATE. Where: aaaa = CL_L3_AUXSTATE.

Action: For 'Format' see BUG5309.

BUG5318 Invalid CL_XI_RX_STATE. Where: aaaa = CL_XI_RX_STATE.

Action: For 'Format' see BUG5309.

BUG5319 Invalid message in cardlan XIM conversion. Where: aaaa = CL_XI_MSGTYPE.

Action: For 'Format' see BUG5309.

BUG5320 XI message out of sequence in cardlan. Where: aaaa = XI_SEQ_STATE of the message.

Action: For 'Format' see BUG5309.

BUG5321 Attempt to send a cardlan message while polling was enabled. Message ignored.Where: aaaa = Don't care.

Action: For 'Format' see BUG5309.

BUG5322 Invalid IVD channel number was detected in an input message. Message ignored.

BUG5323 Input message received from a disabled channel.

BUG5324 Input IVD message is discarded.

BUG5325 Output SSD message is discarded.

BUG5326 Invalid CL_CURRENT_CARD was detected in cardlan. Problem has been avoided. Where: aaaa = CL_CURRENT_CARD.

Action: For 'Format' see BUG5309.

BUG5327 Invalid cardlan message type detected. Use RAS to determine which procedure had the problem. Where: aaaa = message type.

Action: For 'Format' see BUG5309.

BUG5329 An invalid message received from the DDCS (PRI2 used for DPNSS) for DPNSS alarms.

BUG5330 Software problem — the system thinks that another DDSL is being enabled or disabled. Check the status of all DDSLs and verify the desired states.

BUG5331 Invalid case for setting DTI2 pads. This case should only be used for DPNSS/DASS in the PRI2 module.

BUG5332 Set DCH pointers failed for DPNSS code.

BUG5333 Problem enabling or disabling the DDSL/DDCS. The config_loop was not of the correct type.

BUG5334 An Enable/Disable was attempted when the no_lampaudit flag was set. The command failed.

Action: Before repeating the command, use command DLMP 0 (LD 77).

BUG5335 SET_U_CSL_PTR failed. Global Procedure.

BUG5336 Bad entry to the global procedure ICP.

BUG5337 Invalid message is sent to the CCR application.

BUG5338 SET_CDN_PTRS failed. Procedure CCR or ADS

BUG5339 MAIMPM of the incoming CCR call should be DIALING before it gets queued to the CDN or default ACD DN.

BUG5340 Invalid function code entry to the procedure CCR_STATS.

BUG5341 The CCR message cr received from CSAI is nil.

BUG5342 The unit type of the originating set of a CCR call is TTR_UNIT or unknown, this is an error condition.

BUG5343 The CCR son cr is nil, but the call was answered at this son process.

BUG5344 DPNSS_SUPP_SERV was called with an invalid Source parameter.

BUG5345 ITEMPTR was unexpectedly NIL in DPNSS_SUPP_SER.

BUG5346	An invalid supplementary service state was encountered in DPNSS_SUPP_SERV.
BUG5347	RGA_CR_NOW_CRPTR failed to restore the RGA Call Register in DPNSS_SUPP_SERV.
BUG5348	The Call Register was corrupted when channel was seized for a Call Back When Free (BCWF) call.
BUG5349	TNTRANS failed on the ORIGTN in DPNSS_SUPP_SERV.
BUG5350	An attempt to set up the DPNSS channel pointer in CBWF failed.
BUG5351	PABX_FUNCTION was incorrectly set for DPNSS CBWF.
BUG5352	A syntax error was found in a DPNSS message which DIO failed to detect.
BUG5353	The state of a dialed item could not be determined by STATE_OF_TER.
BUG5354	SET_ROUTE_PTRS failed for a DPNSS channel in DPNSS_SUPP_SERV.
BUG5355	SETCUSTPTRS failed for a DPNSS channel in DPNSS_SUPP_SERV.
BUG5356	CREATE_SON failed to kink the DPNSS and RGA Call Registers.
BUG5357	CRPTR was unexpectedly NIL in DPNSS_SUPP_SERV.
BUG5358	The called party was not rung by DIGPROC even though it was free when attempting to complete a CBWF.
BUG5359	An auxiliary Call Register could not be idled.
BUG5360	A son register cannot be transferred.
BUG5361	The RGAT son Call Register has disappeared in DPNSS_SUPP_SERV.
BUG5362	An invalid RGA _AUXPM was encountered in DPNSS_SUPP_SERV.
BUG5363	DIGPROC was asked to find a DPNSS channel but found something else instead.
BUG5364	Saved CSL_MSG_PTR is NIL (for CCR response messages).
BUG5365	Invalid MSG_TYPE form MSL-1 CCR application.
BUG5369	DTI system data block does not exist. Possible data corruption.

BUG5370	The header table pointer to DTI/PRI pad category table does not exist. Possible data corruption.
BUG5371	The 1.5 Mb/s DTI/PRI pad category table does not exist. Possible data corruption.
BUG5372	Buffer to the PARI (QPC720) hardware has overflowed.
BUG5373	No conference circuits are available.
BUG5374	Previous fifo transaction not complete. Programming will continue
BUG5375	Invalid CAM_ID.
BUG5376	Conference circuit cannot be removed.
BUG5377	Active party not found in speaker array.
BUG5378	Invalid BO3 number.
BUG5379	Invalid R72 tsic channel.
BUG5380	Invalid BO3 number.
BUG5381	Invalid control memory timeslot address.
BUG5382	Invalid IVD channel, should be 0-640.
BUG5384	CardLAN buffer overflow has been avoided.
BUG5385	The line interrupt remained active while no input messages were pending. The probable cause is a stuck interrupt.
BUG5386	System failed to acquire an output signaling buffer
BUG5387	Invalid XS_POLL_PM occurred in Sseries firmware.
BUG5388	Invalid 64180 local processor interrupt occurred.
BUG5389	Transmit underflow occurred on A31 device during a polling operation. The message was repolled. The probable cause of continuous occurrences of this message in a 24 hour period is either a defective is either a defective CPU or defective expansion cartridge or daughter board.
BUG5390	Transmit underflow occurred on A31 device during output signaling. The message was reoutput. The probable cause of continuous occurrences of this message in a 24 hour period is either a defective CPU or a defective expansion cartridge or daughter board.

BUG5391 An attempt to send a response message in cardlan occurred while the Rx buffer was empty.

Action: Refer to BUG5309

BUG5392 An expedited data unit (XDU) was received by the MSDL/MISP handler. It was an interface XDU, that is, the intended recipient of the message was the MSDL/MISP handler itself. One of the following three fields held an invalid value:

1. In a Shared RAM suspend message, the field specifying which ring of buffers (transmit, receive or both) is to be suspended was invalid.

2. The command type itself was invalid.

3. In a Transmit Flow Control Synchronization response message, the Socket ID was invalid.

BUG5393 A message was received (either DU or XDU) that held an invalid Socket ID.

BUG5394 x An application attempted to release a Socket ID that was invalid (out-of-range). Where: x = the invalid Socket ID value in hexadecimal.

BUG5395 Invalid application ID encountered when attempting to remove all applications for an MSDL/MISP card from the PSDL tree.

BUG5396 The MSDL/MISP failed self tests, and the CSTAT value does not contain the value H.DEAD.

BUG5397 The code for executing the MSDL commands in overlays 37, 42, 48 and 96 received a failure return code from SET_MSDLMISP_PTR.

Action: Check for MSDL database corruption.

BUG5398 One of the MSDL overlays is waiting for a message from the MSDL, and then all of a sudden the response pending field is clear. The response pending field indicates that some software entity is waiting for a message from the MSDL/MISP.

BUG5399 The MSDL audit has detected that the device enabled bit in the physical IO data block is clear when the MSDL card status is Enabled. This means that the Meridian 1 is not checking the card for interrupts.

BUG5400 Failed to disable the card; this should have unconditionally succeeded. Card is now in the System Disabled - Not Responding state.

BUG5401 The memory location in the Meridian 1 where the status of the MSDL/MISP is kept holds an invalid value.

BUG5402 x y — The CSUBSTAT field on the MDSL/MISP contained invalid data.

x = The MSDL/MISP card number (in decimal).

y = The value that was invalid.

When the card in question is an MSDL, one possible reason for this bug message is that there are multiple cards in the system with the same device number as the MSDL. Therefore when the read is performed to the register on the MSDL, it may not be the MSDL card that is responding. (This will not be the case for the MISP, as the device address is determined by its position in the network shelf.)

BUG5403 l s c u — Data corruption occurred while trying to outpulse the Hi-mail (FAXS) command sequence to a fax server. Procedure FAXS_DO_CMD.

BUG5404 — The AINS package is not equipped, call to procedure TRK_INS_HANDLER is ignored.

BUG5405 — Procedure TRK_INS_HANDLER has been called with an invalid Source parameter.

BUG5406 — The Call Register contains an invalid TRK_INS_PM.

BUG5407 — The string in the CPND array is over 24 characters, the request to display this string is ignored.

BUG5408 — Procedure INSTALL_CARD has been called with an invalid SOURCE parameter.

BUG5409 — Cannot reserve a work area to install all the XDTR units.

BUG5410 — There is no timeslot information in the Call Register to set up or take down the Automatic Wake-up call. Procedure SETSPEECH_MGRP. Output: return address stack, followed by a second BUG5410 with U_G_LOOP of the AWU RAN and the set, the TALKSLOT_WORK and TALKJUNC_WORD of the CR, TN of the AWU RAN and TN of the RAN set.

BUG5411 — Uninitialized DESTPTR in procedure OFHLLAMPWINK, not service affecting.

BUG5413 — The Meridian Mail package option value is ð0.

BUG5414 — T309 only link DCH_AUX_BLK_PTR of the primary DCH to the timing queue.

BUG5415 — An invalid card number was stored in the XS_IVD_STATUS block.

BUG5416 — Conference timeslot is not in a valid state. Conference will not be set up or torn down properly.

Conference loop, timeslot, conference number, function.

Action: Contact your technical support group.

BUG5417 Invalid number of conference members. Conference will not be set up or torn down properly.

Conference loop, timeslot, conference number, function members.

Action: Contact your technical support group.

BUG5419 Conferee count decrement below zero. This is an invalid condition, it will be reset to zero.

BUG5420 There is no unprotected TN block pointer for TNx; or a path is trying to be set up when there is no unprotected TN block pointer for TNy. Procedure SETONEWAY_AWU. Output: return address stack, followed by a second BUG5420 with the GLOOPX and U_G_LOOP for TNy.

BUG5421 The junctor reservation status bits 6 and 7 have an incorrect state of H.10. Procedure AWU_GET_JUNCTOR. Output: return address stack, followed by a second BUG5421 with the TN of the AWU RAN and set, the group the set is in, and the contents of the AWU_RESV_JUNC (set's group) for the AWU RAN.

BUG5422 Used for debugging. Prints out the contents of the AWU RAN's unprotected route data block. Output: return address stack, followed by a second BUG5422 with the AWU RAN TN, "J", the group number and the corresponding contents of that group's AWU_RESV_JUNC(group):RAN_JUNCBLK_PRT.

BUG5423 Cannot get a print register to output Enhanced Call Trace report.

BUG5424 No alerter defined for Enhanced Call Trace so it cannot be rung.

Action: Define alerter by prompt CTAL in LD 56.

BUG5425 No background terminal defined and LD 15 CTBG option is set to Yes. The EMCT reports cannot be printed.

Action: Define a background terminal or change the CTBG option.

BUG5427 Overflow of charge calculation in Enhanced Charge Display, result is more than 2 words.

BUG5428 Unable to restore route ptrs after Enhanced Charge Display process.

BUG5429 Could not get a CR for timing purposed with Enhanced Charge Display.

BUG5430 PPOINTER to TN line should be nil for the current task of Enhanced Charge Display.

BUG5431	TNTRANS failed on the TN of set or SECTN of Attn for Enhanced Charge Display of charge information.
BUG5433	The loop type is out-of-range or not supported.
BUG5434	CRPTR=NIL in procedure RAN_PROBLEM. Cannot proceed with removing CRs from faulty AWU RAN.
BUG5437	SCTNTRANS failed. A bad TN was found for a DIG member.
BUG5438	The number of Digital Subscriber Loops (DSLs) configured has reached the limit.
BUG5439	The number of Logical Terminal IDs (LTIDs) configured has reached the limit.
BUG5440	Invalid feature type passed in procedure BRI_INTERACT. Check the calling procedure. Assumed no interaction with BRI, BRI_INTERACT returned false.
BUG5441	Failed to establish the D channel nailed up connections.
BUG5442	Unable to send messages to the BRI line card.
BUG5443	Invalid source to BRICP module.
BUG5444	BRI call processing message timeout in the wrong state.
BUG5445	BRI B-channel specified by the MISP is used by other call and cannot be released.
BUG5446	Information element is missing in incoming BRI call processing message.
BUG5447	Information element is invalid in the incoming BRI call processing message.
BUG5448	BRI call processing packet message length is invalid.
BUG5449	BRI Message Handler failed to send a message.
BUG5450	Invalid mainpm after digit translation, BRI call is cleared.
BUG5451	Cannot tntrans on the specified DSL TN.
BUG5452	Unable to obtain a new call reference.
BUG5453	BRI call cannot be connected because of incompatibility of the B-channel with the
BUG5454	Message CR cannot be found for incoming PRI call destined for a BRI terminal.
BUG5455	Unable to hold BRI call, crptr is nil.

BUG5456	Unable to retrieve BRI call, crptr is nil.
BUG5457	Problem encountered in releasing the call.
BUG5458	Invalid source to the BRI_INTERACT procedure.
BUG5459	Invalid source to bri_maint module.
BUG5460	Undefined source to bri_maint module for MISP.
BUG5461	Undefined source to bri_maint module for Line card.
BUG5462	Card type expected is BRI line card.
BUG5463	Protected card pointer is nil.
BUG5464	Non-key function data ptr is nil for DSL data.
BUG5465	TNTRANS failed for DSL.
BUG5466	MISP protected loop pointer is nil.
BUG5467	MISP unprotected loop pointer is nil.
BUG5468	Cannot set up MSDL/MISP pointers.
BUG5469	Timeslot assignment controller data failed to be downloaded.
BUG5470	HDLC data failed to be downloaded.
BUG5471	Illegal CSL_SOURCE for the case statement.Output: AML: {aml number in decimal} and S: {csl_source in HEX}
BUG5472	Corruption. The card type is not of type ESDI_CARD. As a result the outgoing ESDI operation has failed. Output: AML: {aml number in decimal} and C: {io_card_type in HEX}
BUG5473	The address of status register of ESDI card is illegal. As a result the outgoing ESDI operation has failed. Output: AML: {aml number in decimal} and R: {statregadd in HEX}
BUG5474	Corruption. The card type is not of type ESDI_CARD. As a result the incoming ESDI operation has failed. Output: AML: {aml number in decimal} and C: {io_card_type in HEX}

BUG5475 The address of status register of ESDI card is illegal. As a result the incoming ESDI operation has failed.

Output: AML: {aml number in decimal} and R: {statregadd in HEX}

BUG5476 The Priority 5 message type is no longer supported.Output: AML: {aml number in decimal} and P: {msg_priority in HEX}

BUG5477 The outgoing ESDI Command is not executed, since the IO card type is not the ESDI_CARD. Output: AML: {aml number in decimal} and C: {csldata in HEX}

BUG5478 Illegal case statement for identifier SOURCE in procedure CSL_UTILITIES. Output: S: {source in HEX}

BUG5479 Corruption of TRANS_DATA_WORD and REC_DATA_WORD. These two words are no longer used, and should never be set by any one in SL-1 software. Output: {trans_data_word in HEX} {rec_data_word in HEX}

BUG5483 The input buffer pointer send from msdlmisp_handler handler is nil. Output: I: {msdl_index in HEX}

BUG5484 Corrupt MSDL card index. Output: I: {msdl_index in HEX}

BUG5485 The pointer (I_CSL_PNTR) pointing to the AML input buffer is nil. This pointer must be set to point to the input buffer selected by the msdlmisp_handler. Output: AML: {aml number in decimal}

BUG5486 Unsupported incoming MSDL AML (indication, confirmation) primitive.

Output: AML: {aml number in decimal} and PRM: {aml_prmi_id in HEX}

BUG5487 The SET_MSDLMISP_PTR failed to set the required pointers to the MSDL data structures.

Output: AML: {aml number in decimal} and INX: {msmi_index_num in HEX}

BUG5488 Unknown outgoing MSDL AML primitive.

Output: AML: {aml number in decimal} and PRI: {o_req in HEX}

BUG5489 Illegal application type only: (PRA_LOG_APPLI, CSL_LOG_APPLI, SDI_LOG_APPLI) are allowed.

Output: {application type in HEX}

{logical application number in HEX}

{ioptr pointer in HEX}

{p_csl_pntr in HEX}

{u_csl_pntr in HEX}

{phy_csl_pntr in HEX}

{i_csl_pntr in HEX}"

{o_csl_pntr in HEX}

{csl_cr_pntr in HEX}

BUG5490 The value of pointer LOG_IO_PTR is nil.

Output:

{application type in HEX}

{logical application number in HEX}

{ioptr pointer in HEX}

{p_csl_pntr in HEX}

{u_csl_pntr in HEX}

{phy_csl_pntr in HEX}

{i_csl_pntr in HEX}

{o_csl_pntr in HEX}

{csl_cr_pntr in HEX}

BUG5491 Did not complete the command check.

Output:

{aml number in HEX}

S: {aml active state in HEX}

T: {aml target state in HEX}

BUG5492 Did not choose a mode. Expected modes are: delay or go-ahead.

Output:

{aml number in HEX};

S: {aml active state in HEX};

N: {aml new target state in HEX}

BUG5493 No outgoing command (i.e., request) which causes a state change is allowed, when the link is in a wait state or audit state or download state.

Output:

{aml number in HEX};

S: {aml active state in HEX};

N: {aml new target state in HEX}

BUG5494 A non-existing outgoing request primitive is selected.

Output:

{aml number in HEX};

S: {aml active state in HEX};

T: {aml target state in HEX}

BUG5495 A non existing incoming primitive is received.

Output:

{aml number in HEX};

S: {aml active state in HEX};

P: {incoming primitive ID in HEX}

BUG5496 Unknown MSDL AML firmware state.

Output:

{aml number in HEX};

S: {aml loadware state in HEX}

BUG5497 Unknown MSDL AML AUDIT request reason.

Output:

{aml number in HEX};

R: {MSDL aml audit request reason in HEX}

BUG5498 No state change occurs, because the MSDL AML primitive is not known. This is a software bug and should not occur.

Output:

{aml number in HEX};

S: {aml active state in HEX};

P: {primitive ID in HEX}

BUG5499 The MSDL AML primitive is not allowed to be printed.

Output:

{aml number in HEX};

P: {primitive ID in HEX}

BUG5500 The value of pointer LOG_IO_TBL_PTR[APPL_TYPE] is nil.

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5501 The value of pointer P_DCH_BLK_PTR[log_num] is nil.

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5502 The required global pointers for the ISDN PRI application cannot be set by procedure SET_IO_PTRS.

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5503 The value of pointer P_CSL_BLK_PTR[log_num] is nil.

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5504 The required global pointers for the AML application cannot be set by procedure SET_IO_PTRS

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5505 Procedure AML_TO_PDATA should never be called if pointer PC_AML_PTR is nil.

BUG5506 Illegal case number in procedure NEXT_AML_PM.

BUG5507 Illegal case number in procedure DO_AML_UNIT.

BUG5508 Illegal case number in procedure DO_SDI_UNIT.

BUG5509 Procedure SDI_TO_PDATA should never be called if pointer PC_SDI_PTR is nil.

BUG5510 Illegal case number in procedure NEXT_SDI_PM.

BUG5511 Cannot allocate MSDL data structures.

BUG5512 Unable to allocate socket id's for the logical application configured on the MSDL card.

BUG5513 Serious problem in rebuilding the I/O table, will cause data corruption and requires a system reload.

BUG5514 Set MSDL pointers failed.

BUG5515 RLR route is not supported for CDR; this configuration should have been blocked.

BUG5516 The number of logical D channels configured in the system has reached the system limit allowed for D channels.

BUG5517 The number of logical AML's configured in the system has reached the system limit allowed for AML's.

BUG5518 {DCH NUMBER} {REASON CODE} Background audit cannot be done for the DCH because of bad DCH data structures. The following reason codes have been defined:

1. Bad card type defined for DCH.
2. Set MSDL pointers failed.
3. Set MSDL pointers failed while trying to suspend DCH recovery until midnight.

BUG5519 An invalid procedure call has been made to the MSDL DCH interface.

BUG5520 Set DCH pointers fail during a DCH loadware download task on the MSDL card.

BUG5521 Set MSDL pointers fail during a DCH loadware download task on the MSDL card.

BUG5522	Invalid return code from msdlmisp_maint for a DCH enable application request.
BUG5523	The MSDL Handler says that the DCH loadware is not resident on the MSDL card. It should have been downloaded.
BUG5524	Response to the enable application message from the MSDL was an unrecognized (i.e., invalid) value.
BUG5525	The DCH port on the MSDL card was found to be enabled while the MSDL card was not in a operational state.
BUG5526	AWU module, procedure BLOCKED. Could not find the set with CLS CCSA to update the Wake Up call information. Wake up information is not updated.
BUG5527	TNTRANS failed for the set with the wake up call, TERTN:CRPTR. Wake up information is not updated. Procedure AWU_DISCONNECT.
BUG5528	ICP_MCR is NIL in procedure CCR_RESTORE2QS.
BUG5529	There is no Call Register to restore in procedure CCR_RESTORE2QS.
BUG5530	Cannot TNTRANS on Save terminal. Procedure DISC_WORK.
BUG5531	Cannot TNTRANS on Terminal. Procedure DISC_WORK.
BUG5532 data	When outing a TN block, a TN block of an invalid unit type was encountered. The entry is removed from the relocation table but the storage for the block is not freed. Protected data store is unnecessarily occupied and cannot be re-accessed Output data: TN xxxxxx TN PTR: yyyyyy UNIT TYPE: z Where: xxxxxx = hex value of TN being relocated yyyyyy = hex value of TN pointer (pointer to TN block) z = hex value for the unit type
BUG5536	The MSDL says that the SDI application is not resident on the card. It should have been downloaded.
BUG5537	Response to the enable application msg from the MSDL was an unrecognized (i.e.invalid) value.
BUG5538	A problem encountered when trying to setup MSDL pointers.
BUG5539	The SDI I/F Handler received an invalid primitive type.

BUG5540 The SDI I/F Handler was called with an uninitialized incoming message pointer.

BUG5541 The global procedure MSDL_SDI_HANDLER was called with an invalid source type.

BUG5542 The global procedure MSDL_SDI_MAINT was called with an invalid source type.

BUG5543 The global procedure MSDL_SDI_UTILITY % was called with an invalid source type.

BUG5544 The SDI state machine for the specified TTY port is in an invalid state.

BUG5545 The sub-state of the SDI state machine for the specified TTY port is in an invalid state.

BUG5546 The sdi pointer in the log_io_tbl is nil.

BUG5547 Cannot set sdi pointers in procedure set_io_ptrs.

BUG5548 WKSD_ATTNQ_NS_CR is not nil, but WKSD_ATTNQ_NS_CR and CRPTR pointers are not equal. Proc. NFNS_CONT_STRT. Impact: NFNS timer is not activated. This call will not be disconnected after the {NFNS} customer predefined period.

BUG5552 Invalid RGAPM value in stop_or_retry. CRPTR is output.

BUG5553 Failed to set customer pointer in INIT_NCOS. CRPTR is output.

BUG5554 Failed to set ESN data block pointer in INIT_NCOS. CRPTR is output.

BUG5555 Failed to set route list pointer in INIT_NCOS. CRPTR is output.

BUG5556 Invalid operation value in Facility information element in SETUP message. D-channel number, Rose operation value and CRPTR is output.

BUG5557 Invalid operation value in Facility information element in Facility message. D-channel number, ROSE operation value and CRPTR is output.

BUG5558 Invalid operation value in Facility information element. D-channel number, Rose operation value and CRPTR is output.

BUG5559 Invalid return error component is received. D-channel number, Rose operation value and CRPTR is output.

BUG5560 Invalid reject component is received. D-channel number, Rose operation value and CRPTR is output.

BUG5561 Cannot offer RVQ call to originator because of TNTRANS failure. D-channel number, Rose operation value and CRPTR is output.

BUG5562 DTAD data corrupted (bad pointer/bad tone).

BUG5563 x y z The MSDL handler received a transmit flow control counter synchronization response, and the socket ID received was invalid (out-of-range).

Where:

x = The name of the card

y = The MSDL card number or the MISP loop number (in decimal)

z = The value of the socket ID

BUG5564 x y z The MSDL handler received a message indicating that it received a message with an unrecognized socket ID, and the unrecognized socket id value was invalid (out-of-range).

Where:

x The name of the card,

y = The MSDL card number or the MISP loop number (in decimal)

z = The value of the socket ID.

BUG5565 x y z The MSDL handler received a message informing it to reset the flow control counters for a particular socket ID, and the socket id received was invalid (out-of-range).

Where:

x The name of the card,

y = The MSDL card number or the MISP loop number (in decimal)

z = The value of the socket ID.

BUG5566 The download state for the MSDL application is invalid. The following information is provided:

1. The name of the card,
2. The device number (MSDL) or loop number (MISP)
3. The application name
4. The hex value of the download state

BUG5567 An attempt to enable an application on the MSDL/MISP was made, however the application id passed in to the routine that does the enabling was invalid.

BUG5568 The transmit expedited buffer was queued, waiting for a TEE interrupt from the card that never came. Given the current state of the card, no message should have been queued. The card name, the device number (loop number for MISP) and the first 5 words in the buffer are output.

BUG5569 Invalid return code from the resident maintenance software for the MSDL (Msdlmisp_maint). The return value is output, along with a 0 or 1, indicating which occurrence of this BUG was responsible for the message being printed.

BUG5570 The MSDL/MISP sent a message to the SL-1 indicating that it received a message with a format error. There are either three or four fields output with this message:

1. The MSDL card number or the MISP loop number,

2. The type of formatting error (value of 0: unknown or unexpected message, value of 1: invalid message length),

3. The message id of the "bad" message, and

4. If the formatting error type was message length, the length of the actual message.

BUG5573 x Invalid ROSE component type received on D-channel x.

BUG5574 x y z Invalid return result value in Facility message. The D-channel number x, ROSE

BUG5575 x y z Invalid return result is received. The D-channel number x, ROSE return result y, and CRPTR z is output.

BUG5576 MISP’s physical I/O block pointer is nil.

BUG5577 Unprotected BRI DSL pointer is nil.

BUG5578 Protected line block pointer is nil.

BUG5579 Unprotected line block pointer in nil.

BUG5583 That entry is out-of-range.

BUG5586 The state of the MSDL/MISP socket id was invalid. It was changed to the operational state. There are four fields output with this BUG:

1. The card name.

2. The MSDL card number or the MISP loop number.

3. The socket id in question.

4. The state of the socket id that is considered invalid.

BUG5587 The midnight recovery only bit was set for the MSDL or MISP in question, and it should not have been. Three fields are output with this BUG:

1. The card name.
2. The MSDL card number or the MISP loop number.
3. The application download fail count for the basecode.

BUG5588 Case statement out-of-range in procedure CCR_GIVE_IVR.

BUG5589 Number of data blocks in overlay exceeds maximum allowed for cache memory feature. (Only 5 max allowed).

Action: See prologue for procedure HANDLE_DATABUG.

BUG5590 DTSL_USE_NT_HW is out-of-range.

BUG5591 The current value of DTSL_USE_NT_HW is valid but it is not consistent with the operation being done.

BUG5593 No DN was available for the message, so “0” will be sent as the DN. This may cause problems at the far-end and the call to be dropped.

BUG5594 TNTRANS failed on manual trunk termination. Procedure TEMPPATH.

BUG5595 Total amount of initialized overlay data exceeds the value of .DATASIZE.

BUG5596 SET_ROUTE_PTRS failed (DPNSS Three-Party Service). Output data: trunk TN for which pointers setting failed.

BUG5597 Setup of Attendant Pointers failed (DPNSS Three-Party Service)

BUG5600 The MSDL/MISP background audit detected that the memory location holding the MSDL/MISP status contains an invalid value. The audit will attempt to correct it. Two fields are output with this message: the card name and the MSDL card number or the MISP loop number.

BUG5601 The SL-1 received a maintenance message from the MSDL/MISP, and the message type was invalid. There are three fields output with this message:

1. The name of the card.
2. The MSDL card number or the MISP loop number.
3. The invalid message type (a. k. a. "command/status").

BUG5602 Unrecognized maintenance data unit (message) transferred from the MSDL or MISP to the SL-1. The following information is output: The card name, the card number (MSDL) or loop number (MISP) and the first five words of the unrecognized message.

BUG5603 An expedited data unit (XDU) was received. The header of the XDU held invalid information (the XDU type field was invalid). There are three fields output with the error message:

1. The card name.
2. The MSDL card number or the MISP loop number (in decimal).
3. The value of the XDU type field.

BUG5604 When attempting to send a DU through the MSDL/MISP transmit ring, it was discovered that the K value for the socket id in question was less than the minimum allowed value. The value has been adjusted to the min value. There are four fields output with the error message:

1. The card name.
2. The MSDL card number or the MISP loop number (in decimal).
3. The socket id.
4. The name of the application that owns the socket id in question.

BUG5605 When reading the application information block from the MSDL/MISP card, an invalid application ID was encountered. This implies that there may be corruption in the application information block. Three fields are output with this error message:

1. The card name.
2. The MSDL card number or the MISP loop number (in decimal).
3. The application ID that is considered to be invalid.

BUG5606 Failed to set io pointers.

BUG5608 DPNSS Route Optimization, SET_CUST_PTRS failed.

BUG5609 DPNSS Route Optimization, TNTRANS failed.

BUG5610 DPNSS Route Optimization, speechpath cannot be reserved. Route Optimization request is rejected.

BUG5611 DPNSS Route Optimization, PSTN to PSTN connection is forbidden.

BUG5612	DPNSS Route Optimization, CDR configuration is inconsistent between the old and the new route.
BUG5614	Invalid state-event combination. Output data: trktn source m911_inc_pm
BUG5615	Active Call Register of M911_ITEM is NIL. Output data is: trktn source m911_inc_pm
BUG5616	DIGPROC returned back to CO_MAY_CAMP with mainpm not set to busy or reorder indicating some failure in selection an outgoing channel for call offer.
BUG5617	Failed to clear all tests in procedure SET_ATTNPTRS for a DPNSS Call Offer Call
BUG5618	No error has occurred.
BUG5619	Procedure CO_STOP_CAMP-ON called when the service state was not SUPP_SERV_CO.
BUG5620	The pointer PC_AML_PTR is nil.
BUG5621	Cannot allocate PDS for the VAS data structures.
BUG5622	SETSPEECHPATH failed in a DPNSS1 Redirection related procedure.
BUG5623	An unexpected NIM or NAM message was received on a call involved in DPNSS1 redirection.
BUG5624	The TNs are scrambled in a DPNSS1 redirection call. ACTIVECR could not be set correctly.
BUG5625	The DPNSS1 redirection Call Register pointer is out-of-range.
BUG5626	Configuration of NAS alternatives is not good for DPNSS1 redirection. FLEN must be set to 0, and enough digits to route the call must be entered. The old call will be kept (no redirection performed).
BUG5627	Invalid source entry for DPNN_NTWK_SERV global.
BUG5629	An unexpected condition has occurred in that the mainpm was dialing and the TERTN is zero in the DPNSS Call Offer case.
BUG5630	SET_ROUTE_PTRS failed in DMS_NSF while building outgoing ISA NSF IE. SID value defaults to 0. FACY defaults to TIE.
BUG5632 x	Invalid class ID X = Hex

BUG5633 x	Invalid object ID X = Hex
BUG5634 x	Invalid HI start request X = Hex
BUG5635 x y	Error occurred in init phase Y (decimal) of class X (name).
BUG5636 x	Invalid name of HI Main Database file X.
BUG5637 x	Failed to open HI Main Database file X.
BUG5638 x	Failed to get class X record from HI Main Database file.
BUG5639 x	Corrupted class X record in HI Main Database file.
BUG5640 x	Unknown class name X.
BUG5641 x	Unknown object name X.
BUG5642 x	Failure to allocate protected memory of size X.
BUG5643 x	Failure to allocate unprotected memory of size X.
BUG5644 x y	Object X is in invalid fault monitoring state Y.
BUG5645 x	Failed to deliver message to HI server. OS error X (Hex).
BUG5646 x	Failed to resume periodic server X.
BUG5647 x y	Invalid attribute Y of periodic server X.
BUG5648	Broken list of HI classes.
BUG5649 x	Invalid class ID X in the list of HI classes.
BUG5650 x	Broken list of class X objects.
BUG5651 x y	Invalid object ID X in the list of class Y objects.
BUG5656 x y	Assertion of condition failed in file X line Y.
BUG5662	SET_ROUTE_PTRS failed in procedure EQA_CALL_REST.Output: Customer, route, Call Register.
BUG5663 x	Object x returned ERROR when IPB row propagated Link operation.
BUG5664 x	Object x returned ERROR when IPB row propagated HWEnable operation.
BUG5665	CP database parse error.

BUG5666	IPB database parse error.
BUG5667	IPB monitor internal error.
BUG5668	Error returned from space manager function call.
BUG5669	Error returned from BIC lib.
BUG5670	Bad service route pointer for ISA route in procedure EQA_CALL_REST.
BUG5671	SETCUSTPTRS failed in procedure EQA_CALL_REST.Output: Call Register
BUG5673	Invalid type in case statement.
BUG5674	An invalid call is made to disable port 0 on the MSDL card. This message indicates that the SDI application is not configured on port 0.
BUG5680	Multiparty Operations (MPO) should have recovered this misoperation, MPO parameters are still set : MPO_MISOP_DN and MPO_RCV_CNL-TONE. Active call is disconnected.
BUG5681	Protocol or state problem in NAS environment. It is printed from various places in global procedure NAS_DECODE (module NAS) and in the global SACP_IEN.
BUG5682	IEN feature condition error. It is printed from various places in the global SACP_IEN, and from procedure SPECIAL_ORIGTO (module WORKSHED).
BUG5684	Illegal MSDL AML recovery state.
BUG5685	Set MSDL pointers failed. Task being formed was releasing of socket id's. Info: IO_DEVICE, IO_LOGNUM, CD_INDX (card index).
BUG5686	Set MSDL pointers failed. Task being formed was allocation of socket id's. Info: IO_DEVICE, IO_LOGNUM, CD_INDX (card index).
BUG5687	DTOB(.DTOB_UNQ_MSG,...) returned a NIL pointer. Pd. DASS_INPUT
BUG5688	DTS_EVENT is out-of-range. Pd. DASS_INPUT
BUG5689	CHECKDTSL failed. Pd. DASS_INPUT.
BUG5690	DTS_ERR_LUT was requested to output an error msg which is not defined.
BUG5691	Requested operation not defined. Pd DTOB.
BUG5692	Passed parameter DTSL_IOBLK_PTR is nil. Pd. DTOB.

BUG5693	Procedure SEND_ISDN_MSG called with an invalid GW_FUNCTION parameter.
BUG5694	Procedure SEND_IDA_MSG called with an invalid GW_FUNCTION parameter.
BUG5695	Reception of a ROSE information different from ROSE Invoke of camp on activation in procedure IN_FACILITY_MSG. The call is cleared down.
BUG5696	Procedure COGW_SERVICE called with an invalid GW_FUNCTION parameter.
BUG5697	The DPN_TRY_CAMP-ON flag is false when it should be true in procedure EEM_CO_GW_W_RING.
BUG5698	TNTRANS on the orig TN has failed in procedure RECV_FAC.
BUG5699	TNTRANS on the ter TN has failed in procedure CLEAR_BOTH_SIDES.
BUG5700	A Call Register can’t be obtained in procedure CLEAR_BOTH_SIDES.
BUG5701	TNTRANS on the orig TN has failed in procedure COGW_SERVICE.
BUG5702	Unexpected trunk type in procedure MAP_NASTERM_CLC.
BUG5703	TNTRANS on the orig or the ter TN has failed in procedure SEND_FAC.
BUG5704	The PRA Call Register pointer should not be NIL in procedure CLEAR_BOTH_SIDES.
BUG5705	The received CLC value in the NAM message is zero which is invalid in procedure MAP_CLC_NASTERM.
BUG5706	A problem has occurred in ISDN_UTILITY called in procedure MAP_NAM_ALERT.
BUG5707	Invalid SCSUBSTEPPM detected during DCH administration. The operation has now been aborted.
BUG5708	The protected DCH block pointer is nil when a copy of the DCH block is requested to the work area.
BUG5712	Procedure COMPLETE_TRK, MSG_CRPTR is nil. CR INFO, STATEPM: ULTRKPTR.
BUG5713	TRK_TIMING_PTR is nil when calling SET_TIMER2(TIME,PTR) in SET_OUTG_TIMER.
BUG5714	Unrecognized AUXPM, procedure DIAL_MAID_ID.

BUG5725	Message Call Registers out-of-range in procedure DL_DATA_CREF.
BUG5726	Invalid data during installation of the XTD units.
BUG5727	Nil B-Channel pointer
BUG5728	D-channel type can only be PRI or BRIT
BUG5729	TNTRANS on B-ch TN failed
BUG5730	Nil SS MsgCR
BUG5731	Nil MsgCR
BUG5732	A DSL D-channel cannot be VNS
BUG5733	Nil BRIT traffic pointer
BUG5734	TNTRANS on DSL TN failed
BUG5735	Procedure can only be invoked for PRI calls
BUG5736	Failure to set MISP pointers
BUG5737	Invalid parameters for procedure ISDN
BUG5738	D-channel type can only be PRI
BUG5739	D-channel type can only be BRIT
BUG5740	Only SL-1, 1TR6, Numerus are supported by BRIT
BUG5741	Passed ITEMPTR is nil in BRIT_HANDLER
BUG5742	Passed DSL TN is invalid in BRIT_HANDLER
BUG5743	Invalid SOURCE parameter in BRIT_HANDLER
BUG5744	TNTRANS failed in GL_RLS_REFNUM
BUG5745	NO BCH STATE invalid in IBRIT
BUG5746	Database Error: remote node does not support the given capability
BUG5747	BRI Trunk application is not supported in release 19.
BUG5760	BRI Trunks not supported

BUG5761	Invalid DATA1 parameter in ISDN_TRK_UTLY (GET_DATA)
BUG5762	Nil ITEMPTR in ISDN_TRK_UTLY
BUG5763	Nil ptr in ISDN_TRK_UTLY. SET_IO_PTRS must be called first
BUG5764	Invalid source in ISDN_TRK_UTLY
BUG5765	Invalid ISDN_TYPE in ISDN_TRK_UTLY subprocedure GET_DCH_OR_DSL
BUG5766	Invalid D-channel number or DSL TN
BUG5771	SET_BRIT_PTRS: DSL must be B1, not B2
BUG5772	SET_BRIT_PTRS: UNITTYPE {} .TRK_UNIT
BUG5773	SET_BRIT_PTRS: Trunk must be BRIT_B_CH
BUG5774	SET_BRIT_PTRS: Nil DSL pointers from TNTRANS
BUG5775	SET_BRIT_PTRS: SET_ROUTE_PTRS failed
BUG5776	SET_BRIT_PTRS: TNTRANS failed for DSL
BUG5777	Illegal key type on key 0 used for OHAS forced out of service treatment.
BUG5778	Cannot reserve enough memory to install all the XTD units.
BUG5779	For SL-1 telephones: Emergency key thought to be on a key with no associated lamp. For other telephones: key number returned for emergency key is invalid.
BUG5780	Trying to load an overlay and the global procedure OVL_LINKER has been executed for a non-linked overlay. Code in global procedure OVL_LINKER needs to be modified to allow the overlay to run.
BUG5782	Failed to setup NARS_CR in INIT_NCOS. CRPTR is output.
BUG5783	In FIND_TTR, TRUNKFLAG should not be set when searching for an MF Receiver (MFR).
BUG5787	Pointers not set. {TERMINAL} Procedure USCR
BUG5788	Unit type not correct. {TERMINAL} Procedure USCR
BUG5789	USCR option wrong. {TERMINAL} Procedure USCR_STORE

BUG5791 Invalid lamp state for USR key programming. {TERMINAL} Procedure USR_KEY_PRESSED

BUG5792 Invalid USCR_PM. {TERMINAL} Procedure USCR_INPUT

BUG5796 The SSD message for MSDL SDI flow control is either lost or being idle in the queue for too long while characters are waiting in TTY buffer for output. A new SSD message for requesting an output data message is logged to reactivate the MSDL SDI data output process.

BUG5803 SDI port number out-of-range in procedure set_io_ptrs.

BUG5808 Procedure CH_TN_CONVERT failed to convert a loop and channel number into a TN.

BUG5815 One of the following has taken place:

1. Invalid BRSC index number,
2. BRSC protected card pointer is nil,
3. BRSC unprotected card pointer is nil

BUG5816 BRSC TN read off the SRAM does not match any of the BRSC TNs assigned for the MISP card.

BUG5817 Unable to write to protected data storage. Protected pointer is NIL.

BUG5818 Protected MISP Loop pointer is NIL.

BUG5819 No more Local DNA Table entries available.

BUG5820 The MSDL/MISP message handler failed to send a message for unknown reasons.

BUG5832 Call ID free list head and/or tail pointers are invalid. Ability to manage Call IDs has been lost. Switch must be Initialized in order to allocate new Call IDs.

BUG5833 Call ID in CR does not match Call ID entry in internal Table. Internal Table entry cleared. The output data appears as follows.

{Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

BUG5834 Out-of-range Call ID found in Call Register. Call ID in CR set to zero. The output data appears as follows:

{Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

BUG5835 Call ID in Call Register does not have associated pointer in Call ID Table. Call ID field in CR set to zero. The output data appears as follows:

{Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

BUG5836 No conference exists for Call ID value in conference block. Associated entry in internal Call ID Table is cleared. The output data appears as follows: U_CONF_PTR} {Call ID} {Conf Group}

BUG5837 Expected Call ID not found in conference block. Internal Table entry cleared. The output data appears as follows: {U_CONF_PTR} {Call ID}

BUG5838 Out-of-range Call ID associated with {Conf Group} found in conference block. Call ID field in conference block set to zero. The output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

BUG5839 Call ID in conference block associated with {Conf Group} does not have associated pointer in Call ID Table. Call ID field in conference block set to zero. The output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

BUG5840 Call ID free list head and/or tail pointers are nil. This should only happen if all Call IDs are allocated, which is very unlikely. This may signal a problem with the Call ID Table.

BUG5841 The internal Call ID Table cannot handle the number of Call ID entries required. 32767 (hex 7fff) is the max. Call IDs will not be allocated.

BUG5857 Illegal case number for procedure DO_STA_UNIT.

BUG5858 Procedure STA_TO_PDATA should never be called when PC_STA_PTR is nil.

BUG5859 Illegal case number for procedure NEXT_STA_PM.

BUG5860 Procedure TRK_DIGIT_INSERT, the passed item is not a trunk. Data corruption was avoided.

BUG5861 TN passed should be a trunk. Procedure is called with wrong UNITTYPE.

BUG5862 TNTRANS on TERTN fails in procedure APPLY_CW.

BUG5868 In OAM SEER segment, unable to get print Call Register.

BUG5869 In OAM SEER segment, unable to unlink print Call Register.

BUG5870	In OAM SEER segment, invalid case statement.
BUG5871	In OAM SEER segment, corrupted seer table data.
BUG5872	In OAM SEER segment, maximum error code value reached.
BUG5873	Failed to update Multi-User conflict resolution resource list.
BUG5874 tn	The telephone being tested is not a digital telephone.
BUG5875	Feature Activation IE content error.
BUG5876	Conference disconnection failure. Infinite loop prevented. Conferee count printed with CR information.
BUG5877	The ter_item has been changed.
BUG5878	The unit is not a digital telephone in ACD_CF_TONE.
BUG5879	An invalid value is currently set for ITPP in LD 73.
BUG5880	End-to-End Signaling is out of Call Registers.
BUG5881	Non-key data should exist for OHAS is ASCA class of service is defined.
BUG5882	Call Register idled when SON CR with NACD process type still linked.
BUG5883	Attempt to write to protected memory.
BUG5884	An attempt to find an application index associated with a particular MSDL or MISP application failed. No attempt to get an index should be made before it is configured. No attempt to find an index for the MSDL or MISP Base Code should be made either: the Base Code has a pre-assigned index.
BUG5885	An attempt to allocate an instance of the application blocks failed. Either they have all been used up (32 applications already configured for this card, which is unlikely) or there is some kind of corruption such that all the blocks somehow seem to all be allocated.
BUG5887	The number of Meridian 1 Packet Handler Digital Subscriber Loops (DSLs) configured in the system has reached the limit.
BUG5888	Timeslot monitor turned ON. ENL:TSxxxx JWyyyy (timeslot being built) or IDL:TSxxxx JWyyyy (timeslot being cleared). Where:

xxxx = timeslot word

yyyy = junctor word

BUG5889 RPA not supported on MFK5/MFK6 signaling.

BUG5898 RCFW son CR expected.

BUG5900 Could not update Voice Mailbox data. Contact your technical support group.

BUG5901 There is no template entry for Voice Mailbox data block pointer.

Action: Contact your technical support group.

BUG5902 The Voice Mailbox data block is not configured. Remove and reconfigure the VMB application.

Action: Contact your technical support group.

BUG5903 The customer DN tree does not exist.

Action: Contact your technical support group.

BUG5904 There is a bad case value received in the case statement in Voice Mailbox Administration module.

Action: Contact your technical support group.

BUG5905 The pointer to Voice Mailbox data block is NIL.

Action: Contact your technical support group.

BUG5908 The Update-In-Progress list for Voice Mailbox application does not exist.

Action: Contact your technical support group.

BUG5909 There is a mismatch between the number of updates in the Update-In-Progress list and the Update-In-Progress counter.

Action: Contact your technical support group.group.

BUG5910 The application layer association table does not exist.

Action: Contact your technical support group.

BUG5911 There is a bad case value received in the case statement in the Network Layer Handler module.

Action: Contact your technical support group.

BUG5912 The network layer connection table does not exist.

Action: Contact your technical support group.

BUG5913 There is a bad case value received in the case statement in the Network Layer Handler module.

Action: Contact your technical support group.

BUG5914 Could not allocate unprotected Voice Mailbox Administration application data block. This could be due to low memory.

Action: Contact your technical support group.

BUG5915 Could not allocate unprotected Voice Mailbox delete block. This could be due to low memory.

Action: Contact your technical support group.

BUG5916 Could not allocate unprotected Voice Mailbox Update-In-Progress block. This could be due to low memory.

Action: Contact your technical support group.

BUG5919 PRB_PTR = NIL in call to procedure WHICH_DNIS_DIGS.

BUG5928 {DSL #} {BUG CAUSE VALUE} Set UIPE BRIT D channel pointers failed.The following is a list of cause values for BUG5928:

1 = Invalid DSL number

2 = TNTRANS failed for the DSL number

3 = The unit type is not a trunk

4 = The DSL is nota BRIT B-channel

5 = The card type is not a BRI line card

6 = The MISP loop TN is invalid

7 = The protected MISP loop pointer is nil

8 = The ABS loop type is not a MISP loop

9 = The unprotected MISP loop pointer is nil

10 = Set route pointers for the DSL failed

11 = Set MSDLMISP pointers failed

BUG5929 {DSL #} {Request value} Invalid request for the BRIT maintenance control.

BUG5930 {DSL #} {BRIT maintenance state} Invalid BRIT maintenance timeout event {DSL #}

BUG5931 BRIT Timer T309 expired while the link was established {DSL #} {BRIT DCH link status}

BUG5932 Invalid BRIT B-channel detected {DSL #} {Invalid B-channel TN}

BUG5933 The BRIT trunk timing pointer was found to be nil {DSL #} {Trunk timing pointer}

BUG5934 The BRIT message cr is nil for building messages {DSL #} {Maintenance cr pointer}

BUG5935 The message type is invalid for the BRIT message building function. {DSL #} {Maintenance cr pointer}

BUG5936 An invalid TN B-channel detected by the message builder. {DSL #} {Invalid B-channel TN}

BUG5937 An invalid message detected by the BRIT message decoder. {DSL #} {Invalid message}

BUG5938 A Call Register cannot be obtained for saving messages {DSL #} {Call Register pointer}

BUG5939 Invalid number of BRIT channels found during incoming message processing {DSL #} {Invalid number of BRIT channels value}

BUG5940 Invalid BRIT channel number found during incoming message processing {DSL #} {Invalid number of BRIT channels value}

BUG5941 Invalid request for the PRI maintenance control.

BUG5942 Invalid PRI maintenance state

BUG5943 The PRI maintenance timeout event is not compatible the PRI maintenance state.

BUG5944 Invalid PRI maintenance state for timeout event.

BUG5945 T309 timeout event when the D channel is established. The T309 timer should be cancelled when the D channel link is established.

BUG5946 Invalid request for the PRI I/O control interface.

BUG5947 {DCH#} {BUG cause value} Set UIPE PRI D-channel pointers failed.

The following is a list of cause values for BUG5947:

1 = Invalid D channel number

2 = The log_io_ptr is nil

3 = The pra logical application is not configured

4 = The D channel block pointer is nil

5 = The D channel configured is not PRI UIPE

6 = The pointer to the physical I/O block is nil

7 = The pointer to the unprotected DCH block is nil

8 = Pointer to the protected call reference tbl is nil

9 = Pointer to the unprotected call reference tbl is nil

10 = Pointer to the unprotected message table is nil

11 = Pointer to the DCH output buffer is nil

12 = Pointer to the unprotected backup DCH block is nil

13 = DCH is not configured on MSDL card

14 = Set MSDL/MISP pointers failed

15 = The MSDL expedited input buffer pointer is nil

16 = The MSDL ring input buffer pointer is nil

17 = The DCH aux block pointer is nil

BUG5948 Invalid PRI layer 2 request.

BUG5949 Invalid timeout detected for UIPE layer 2.

BUG5950 Invalid timeout event.

BUG5951 Layer 2 invalid MSBY state timeout.

BUG5952 Set MSDL/MSIP pointers failed.

BUG5953 Invalid request for the PRI print utility.

BUG5954 The TN of the trunk passed to the PRI maintenance control for a B-channel restart is invalid.

BUG5955 The trunk timing pointer is nil.

BUG5956 An invalid TN is found during the PRI maintenance build message function.

BUG5957 An invalid procedure call is made to store the call reference in the global msgcr.

BUG5958 The maintenance message builder cannot build the message requested. (See reason codes below.)

	Reason codes for BUG5958: 1 = The g_msgcrptr pointer is nil for building message. 2 = The message type is invalid for the UIPE PRI build message function.
BUG5959	The maintenance message decoder cannot decode the message requested. (See reason codes below.) Reason codes for BUG5959 1 = The message requested for decoding is not supported. 2 = Cannot obtain a message cr to save the message.
BUG5960	Pointer to LAPW IO block is NIL.
BUG5961	RFW key is defined but ARFW package is not equipped.
BUG5962	ACTIVE_IN_RCFW state is not valid for attempted RCFW operation.
BUG5963	Input_type into ATT_RCFW is not valid.
BUG5964	Invalid ATT_RFW_STATE for attempted operation.
BUG5965	Invalid RESULT state for attempted operation.
BUG5966	TCAP Call Register undefined in NRCFW operation.
BUG5967	Invalid return code for DN interpretation.
BUG5968	Incorrect index into digits for Forward DN.
BUG5969	Invalid RCFW_RESP_TYPE
BUG5970	Invalid RCFW_MSG_TYPE
BUG5972	Failure of Setting Ptrs or Flags in ISAP module.
BUG5973	Invalid Source in ISAP module.
BUG5974	Invalid Interface Type in ISAP module.
BUG5975	Invalid request in ISAP module.
BUG5976	The cr pointer passed to global proc. NRPA_HANDLER is NIL (network RPA).
BUG5977	Invalid TASK passed to global proc. NRPA_HANDLER (network RPA).
BUG5978	No cr is available to allocate a RPA rose cr for network RPA.

BUG5979	Unexpected Rose component type received in proc NRPA_RECV_FAC for network RPA.
BUG5980	Unexpected Rose operation value received in proc NRPA_RECV_FAC for
BUG5981	Failure of setting ptrs or uipe flag in ISAP module.
BUG5982	Unknown source in ISAP module.
BUG5983	Unknown interface type in ISAP module.
BUG5984	Unknown request in ISAP module.
BUG5985	FROM_ITEM (the "interworking from" tn) passed into Procedure UIPE_INTERWORK is neither the ORIGTN nor the TERTN. **Action:** Check the calling procedure to see if the correct tn has been passed in to UIPE_INTERWORK.
BUG5986	TNTRANS failed on the "interworking to" tn in Procedure UIPE_INTERWORK
BUG5987	EVENT_TYPE passed in to Procedure UIPE_INTERWORK is invalid.
BUG5988	DCH_WO_PRIM_ID is not an application data request. Return Build Message Initialization failed. (Procedure UIPE_BLDMSG_INIT)
BUG5989	The "interworking to" message cr (TO_MSGCR) is nil. (Procedure MAP_TO_UNIV and Procedure MAP_TO_IFC_SPEC)
BUG5990	The "interworking to" message cr (ORIG_MSGCR) is nil in Procedure O_SETUP_ISDNITWK
BUG5991	SETCUSTPTRS failed in Procedure GET_ISDN_CALLED.
BUG5992	Invalid request for the BRIT print utility in UPRT module.
BUG5993	Request for UIPE_UTIL is not a valid choice.
BUG5994	Invalid primitive data length or IE length in UPRT module.
BUG6006	Unable to physically change the RFW lamp status.
BUG6007	Invalid display mode for attempted operation.
BUG6008	RCFW Call Register should be defined.
BUG6009	Invalid NRCFW parameter.

BUG6010 Invalid RCFW parameter.

BUG6011 Invalid RCFWDN_TYPE

BUG6012 RCFW FFC expected in digits.

BUG6013 RCFW message response timeout. For Attendant RCFW operation, the remote node requires Attendant Network Remote Call Forward package 253.

BUG6014 RCFW_TO_DN interpretation is looping.

BUG6015 The incoming trunk is not a DPNSS trunk when the global procedure R2MFC_DPNSS_CALL is invoked to send back a DPNSS response message.

BUG6016 TNTRANS on MFC_ORIGTN fails orTNTRANS on ORIGTN fails when the global procedure R2MFC_DPNSS_CALL is invoked to send back a R2MFC backward signal.

BUG6017 A problem occurred when attempting to recover packages during cold start (option 81 only).

Action: Print out the list of equipped packages in LD 22. If it does not match that on the label, restart the system. If it does, use LD 17 to configure the current language as desired.

BUG6018 The language setup information could not be recovered from the disk. Language is forced to English (option 81 only). Use LD 17 to configure the current language as desired.

BUG6019 Call ID free list head or tail pointers are invalid. This may be due to data corruption. The Call ID table is reinitializing. The Call ID values in existing Call Registers cannot be cleared, so some related BUG messages may appear in addition to this one (particularly BUG5835).

BUG6021 CFHO - Protocol or State problem in ISDN/NAS environment.

BUG6022 ISDN_CRLINK field of the unprotected DPNSS channel block was not nil when trying to allocate a new DPNSS ISDN CR in procedure INIT_DPNSS_MSGCR.

BUG6023 ISDN_CRLINK field of the unprotected DPNSS channel block should not be nil.

BUG6024 Invalid ATT_RCFW message type.

BUG6025 Main CR not linked to TCAP CR in NRCFW operation.

BUG6026 Unable to obtain attendant customer pointers.

BUG6027 No destination for RCFW response message received.

BUG6028 Invalid Orig_id in RCFW operation.

BUG6029 Incorrect RCFW_TO_DN interpretation.

BUG6030 Invalid password in CFW_CHG message.

BUG6031 Invalid RCFW_RESP_TYPE for attempted operation.

BUG6032 Unable to initialize attendant global variables.

BUG6033 TNTRANS on the attendant TN failed.

BUG6034 n ftn ttn crptr This message is a standard message that applies to the universal gateways.

n = the type of problem that occurred

ftn = the tn of the unit originating the event

ttn = the destination tn of the event

crptr = the crptr value when the problem occurred

BUG6035 This TSP TN cannot be located in either the DNA or the local table.

BUG6036 Number larger than 3,999,999,999 has been passed to procedure TEN_NBLS_HEX_CNV.

BUG6037 Parameter NUM_DIGS is larger than 10.

BUG6038 A non Binary Coded Decimal has been passed into procedure TEN_NBLS_HEX_CNV.

BUG6039 MSGCR of outgoing trunk is nil in procedure AOC_REQUEST.

BUG6040 Too many supplementary services are being requested at the same time using the Keypad IE (AXE-10 AUS).

BUG6041 A supplementary service request is to be built, but the IE LENGTH is zero.

BUG6042 Message/State problem in global procedure ABDN, ORIGTN, TERTN, ABDN state, ABDN task and message type are printed.

BUG6043 Feature condition error in global procedure ABDN, ORIGTN, TERTN, ABDN state, ABDN task and ABDN parameter are printed.

BUG6044 Customer or attendant pointers could not be set in global procedure ABDN.

BUG6045 ABDN state change problem in global procedure ABDN, ORIGTN, TERTN, ABDN state, ABDN task and new state are printed.

BUG6051 The data in the language file has an incorrect format. The translation status is forced to NONE.

Action: First go to Load 17 and configure prompt TRNS with the desired option. Then do a data dump.

BUG6053 General BUG for the OHOL feature. Where: nn is the case # into the global procedure OHOL.

BUG6054 Procedure SET_UP_NEW_CALL module DDC Standalone Meridian Mail called in error for diversion on no reply case.

BUG6055 Procedure DO_DVG_R_CALL module DDC Standalone Meridian Mail specified DPNSS Route Required but got a non-DPNSS trunk.

BUG6056 Procedure CHECK_DVG_CLEAR module DSS Invalid PARTY passed to procedure CHECK_DVG_CLEAR

BUG6057 Procedure CHECK_DVG_CLEAR module DSS CPRTR is NIL. No diversion possible.

BUG6058 A Call ID could not be allocated for a call arriving at a CDN. Since CCR cannot control a call without a Call ID, the call is given default treatment. Under normal circumstances, this should not happen.

BUG6061 Cannot make NIVD to NIVD connection on TSIC.

BUG6064 TNTRANS failure in the VNS state handler

BUG6065 Failed to send an answer on a bearer trunk used by VNS

BUG6067 There is no space on the base memory page (page 0 or 1) for an I/O block.

Action: Contact your technical support group.

BUG6068 Itemptr passed to global procedure SET_OPS_PADS is nil.

BUG6069 INITCR failed. Cannot get a new Call Register.

BUG6070 ACRL_HANDLER. Passed parameter SOURCE is invalid.

BUG6071 Pointer to Call Register is not on a valid range.

BUG6072	Target party should be on TERside of the Call Register.
BUG6073	Cannot have a route optimization attempt when there is a call on hold on the AC15 trunk.
BUG6074	Invalid return value from TRANSFER_CALL.
BUG6079	HUNT feature data space could not be found, even though it has been found previously. (SBA)
BUG6080	EHT feature data space could not be found, even though it has been found previously. (SBA)
BUG6081	FDN feature data space could not be found, even though it has been found previously. (SBA)
BUG6082	EFD feature data space could not be found, even though it has been found previously. (SBA)
BUG6083	No CFW key could be found, even though one has been found previously. (SBA)
BUG6084	CFW key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6085	No BFS key could be found, even though one has been found previously (SBA).
BUG6086	BFS key data space could not be found, even though it has been found previously. (SBA)
BUG6087	No VCC key could be found, even though one has been found previously. (SBA)
BUG6088	VCC key data space could not be found, even though it has been found previously. (SBA)
BUG6089	No DIG key could be found, even though one has been found previously. (SBA)
BUG6090	DIG key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6091	No GRC key could be found, even though it has been found previously.
BUG6092	GRC key data space could not be found, even though it has been found previously. (SBA)
BUG6093	No SSC/SSU key could be found, even though one has been found previously. (SBA)

BUG6094	SSC/SSU key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6095	No SCC/SCU key could be found, even though one has been found previously. (SBA)
BUG6096	Neither SCC nor SCU feature is configured, even though one has been found previously. (SBA)
BUG6097	SCC/SCU key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6098	No HOT L key could be found, even though one has been found previously. (SBA)
BUG6099	HOT key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6100	HOT key is not configured for Hot List, even though it was previously thought to be. (SBA)
BUG6101	Invalid parameters passed to BRIT_DCH_HDLR or UBRIT_DCH_HDLR.
BUG6102	Invalid Extended Page Bits detected from firmware. **Action:** Contact your technical support group.
BUG6103	The number of M1 CT2 Mobility TN's configured in the system has reached the
BUG6104	The number of MCM TN's configured in the system has reached zero or is less than zero.
BUG6105	CAUTION: queue corruption. QU_ID different from QUEUE_IN. Procedure UNLINK.
BUG6106	Invalid Group Hunt List. PLDN cannot be retrieved.
BUG6107	A message has been received for a VNS D-Channel on an UIPE link. Procedure LINK_MSGCR. Module UICC.
BUG6109	ICITYPE is out-of-range in procedure GET_ICI_KEYNO.
BUG6110	ISDN BRI Supplementary Services error for NI-1 Call Forward For All Calls or ETSI Call Forwarding Unconditional.
BUG6119 yz	MPO_HANDLER has been invoked with an incorrect TASK ID for the current state. z. Where: y = TASK_ID and z = MPO_STATE

BUG6120	An attempt was made to log out a Set Based Administration session whose session type could not be identified.
BUG6121	A Set Based Administration block pointer was found to be nil.
BUG6122	A Set Based Administration logged-in TN is not the ORIGTN.
BUG6123 s	A multi-user login session type could not be identified. s is the hex value of the session number.
BUG6124	Set Based Administration: The active logins counter indicates that there should be available login sessions, however no free sessions can be found.
BUG6125	A Set Based Administration session made a request to register a TN or DN for change, however the session already has a TN registered to it.
BUG6126	A Set Based Administration session made a request to release a TN or DN which is not currently registered to that session.
BUG6127 c	Logging out a Set Based Administration session would have taken one of the login counts below zero. Where: c specifies the value of the login counter.
BUG6128	A call was made to initialize the Set Based Administration restriction control blocks but the block pointers are not nil. Initialization is not performed.
BUG6139	Inconsistent DN data in the DN block while searching for the Wanted party's TN.
BUG6140	An MCR/MCN/PLSR/PLN/HOT key of a BCS set TN is linked with a CR which does not involve this TN as ORIGTN or TERTN
BUG6141	A TN is the TN list of the Wanted DN block, but the TN does not have any DN key defined for this DN.
BUG6142	An MCR/MCN/PLSR/PLN/HOT key of a BCS set TN is linked with a CR which does not involve this TN as ORIGTN or TERTN
BUG6143	An event occurred during an established EI conference, but the SW could not find the relevant Data for the conference loop contained in the current Call Register.
BUG6144	An event occurred during an established EI conference, but the SW could not find the relevant Data for the conference loop contained in the current Call Register.
BUG6145	An event occurred during an established EI conference. The SW scanned the conference data, but one of the three existing parties (originator, Wanted, Unwanted) was missing or there were more than three.

BUG6147 Abnormal disconnection from an established EI conference. The SW could not identify the releasing party (Orig, Wanted, or Unwanted).

BUG6148 The party becoming idle is probably the Wanted party of an EI conference, but is in an inconsistent state.

BUG6150 The EI Wanted set or Originating trunk was disconnected while waiting for the Unwanted's IPL, but the EI Originating trunk is not in the expected state

BUG6151 GW_FUNCTION EI/BKI Gateway:

Procedure EI_GW-SERVICE is called with an invalid GW_FUNCTION parameter. The unexpected GW_FUNCTION is printed.

BUG6152 SUPP_SERV_STATE. Unexpected supplementary service state on the DPNSS side of the EI/BKI Gateway:

FACILITY WITH "CAMP-ON allowed" or "CAMP-ON not allowed" or "End User Alert" or "End User Connect" or "Breakin Consult" or Break-in extension allowed" is received on the MCDN side, but the DPNSS side is not in the expected supplementary state.

The unexpected supp state is printed. The supp state on the DPNSS side is forced to the expected value.

BUG6153 SUPP_SERV_STATE. Unexpected EI supplementary service state on the DPNSS side of the EI/BKI Gateway:

ALERT has been received on the MCDN side, but the supplementary service state on the DPNSS side is not EI_R_RCVD as expected.

The unexpected DPNSS supp service state is printed. The ACK string is not included in the outgoing NAM on the DPNSS side.

BUG6154 An event occurred on the Originating or the Unwanted trunk while EI was taking place, but the SW could not retrieve all the parties involved because of data inconsistency.

BUG6155 The SW could not find the resources required to provide the Intrusion tone to the EI conference it was trying to set up. The EI request is consequently rejected.

BUG6156 EI/BKI Gateway: TNTRANS failed.

BUG6157 SERVICE_STATE. Unexpected service state on the DPNSS side of the EI/BKI Gateway:

FACILITY informing Break-in Denied or Break-In Temporary Denied is received on the MCDN side. The Service state on the DPNSS side is not .SUPP_SERV_EI as expected.

The unexpected DPNSS service state is printed. The call is cleared.

BUG6158 SUPP_SERV_STATE. Unexpected supplementary service state on the DPNSS side of the EI/BKI Gateway:

FACILITY informing Break-in Denied or Break-in Temporary Denied is received on the MCDN side. The EI Supplementary Service state on the DPNSS side is not .EI_R_RCVD as expected.

The unexpected DPNSS service state is printed. The call is cleared.

BUG6159 SUPP_SERV_STATE. Unexpected EI supplementary service state on the DPNSS side of the EI/BKI Gateway:

Received FACILITY with “end user alert” or “end user connect” but the DPNSS side is in an unexpected supplementary service state. The expected supplementary service state is EI_CCM_SENT.

The FACILITY msg is ignored. The unexpected service state is printed.

BUG6160 SERVICE_STATE. Unexpected EI service state on the DPNSS side of the EI/BKI Gateway:

Received FACILITY with “BKI cancelled” but the DPNSS side is in an unexpected service state. The expected service state is .SUPP_SERV_EI.

The FACILITY msg is ignored. The unexpected service state is printed.

BUG6161 ID_CODE. EI/BKI Gateway: Illegal case entry in procedure EI_GW_SND_EEM. The wrong value of parameter ID_CODE is printed.

BUG6162 SUPP_SERV_STATE

Unexpected EI supplementary service state on the DPNSS side of the EI/BKI Gateway: FACILITY with “BKI cancelled” is received on the MCDN side, but the DPNSS side is not in the expected supplementary service state .EI_CCM_SENT. The unexpected supplementary service state is printed. The supp state on the DPNSS side is forced to .EI_CCM_SENT.

BUG6163 SUPP_SERV_STATE EI/BKI Gateway: cannot send a NAM because value of TRK_IS_INCOMING is FALSE: procedure EI_GW_SIMU_ALERT(). The supp state in which the problem occurs is printed. NAM is not sent.

BUG6164 Simple call MCDN/DPNSS Gateway:TNTRANS failed in procedure SEND_FAC-U_CNCT

BUG6166 The SW has received a CO to EI conversion request. It has found the Wanted TN and CR we want to intrude to, but this CR is not marked as having a call camped on to it.

BUG6168 The Wanted CR has MNABIT = .TRUE, but the Wanted DN is not a MADN

BUG6169 w y z MPO_HANDLER was unable to perform specified task. Where:

w = MPO_STATE

y = task identifier

z = failure identifier

BUG6170 CDR CR is forced off from the CDR queue from non-CDR software path.

BUG6172 A potential data corruption situation is captured. Correction is attempted to prevent the corruption. Please finish up the service change session and print out the data to ensure the integrity before continuing.

BUG6173 In IDLECR, the Call Register CRPTR could not be removed from the corresponding queue by calling REMOVE. As a result, this Call Register can't be returned to the IDLE queue to prevent further corruption to the queuing system.

BUG6174 Invalid call to NITC_ISDN_HNDLR (invalid source)

Action: If this problem persists, contact your technical support group.

BUG6175 Invalid call to NITC_ISDN_HNDLR (invalid request)

Action: If this problem persists, contact your technical support group

BUG6176 Invalid ROSE_COMP_TAG in NITC_ISDN_HNDLR

Action: If this problem persists, contact your technical support group

BUG6177 Invalid operation length in NITC_ISDN_HNDLR.

Action: If this problem persists, contact your technical support group.

BUG6178 Invalid operation value in NITC_ISDN_HNDLR.

Action: If this problem persists, contact your technical support group

BUG6179 CRPTR is NIL or could not allocate new call register in NITC_ISDN_HNDLR

Action: If this problem persists, contact your technical support group.

BUG6180 NITC_ISDN_HNDLR count not send ROSE message.

Action: If this problem persists, contact your technical support group.

BUG6201 SSB: message not buffered, type =, device num = .

BUG6202 SSB: message discarded, type = , device num = .

Action: Report the problem to your technical support.

BUG6203 SSB: ssbOff: turning message buffering (SSB) OFF.

Action: Report the problem to your technical support.

BUG6204 SSB: XmitLinkAdd: no memory for link list.

Action: Report the problem to your technical support.

BUG6205. SBB: Reduce sets configured on this device, type = , device num = .

Action: Reduce the number of sets on the device.

BUG6206 SBB:ssbGetMsgQ: unable to create MsgQ.

Action: Report the problem to your technical support.

BUG6207 SBB:ssbGetMsgQ: unable to allocate SBB_Q_LST element.

Action: Report the problem to your technical support.

BUG6208 SSB:sbbGetMsgQ:over SBB_MSG_Q_MAX.

Action: Report the problem to your technical support.

BUG6214 Invalid bug number in all to NITC_BUG in NITC_ISDN_HNDLR

Action: If this problem persists, contact your technical support group

BUG6215 x The CDRTTA_ANS was not set up for a CDR record with a CDRTTA_ARR stamp. The TTA information cannot be printed for this call. Where: x = TOD2SEC . Procedures DO_TTA_RINGING and DO_TTA_QUEUEING in module CDR.

BUG6216 Problem occurred during processing of Call Pickup operation

BUG6227 The ethUInit failed while setting up for ARP.

BUG6228 The netLibInit failed while setting up for ARP.

BUG6229 Network task does not exist while setting up for ARP.

BUG6230 The diskOsLnEnetSet failed while setting up for ARP.

BUG6231 Inattach failed while setting up for ARP.

BUG6232 The ifAddrSet failed while setting up for ARP.

BUG6233 Unable to get data for network DB for Primary.

Action: Check the network database file on /u.

BUG6234 Unable to get data for network DB for Secondary.

Action: Check the network database file on /u.

BUG6235 Ethernet interface structure was not correctly initialized.

BUG6236 System fails to resolve the IP address conflict. Both primary and secondary addresses are being used.

BUG6237 There has been a failure to correctly obtain network interface data.

BUG6238 There has been a failure to initialize the network interface.

BUG6239 Invalid physical address read from IOP.

Action: Check IOP's Ethernet chip.

BUG6240 There has been a failure to obtain the sub-netmask address.

BUG6241 There has been a failure to initialize the Network File System (NFS).

BUG6242: {CODE}{IDC STEP PM}{CUST#}{TREE#}{ERROR SUB CODE} General debugging message for Overlay 49, IDC tree. See procedure BUG_WARNING in Overlay 49.

BUG6243:{CUST#}{TREE#} In overlay 49, the INI recovery was tried and unsuccessful. Force recovery by nilling the IDC_BR_PTR & SDID_LNKLST_PTR. It may result in data corruption in the IDC tree.

BUG6244 SETCUSTPTRS failed. Customer number and terminal are printed. Customer number is from the protected line block unless the terminal is a DTR, which takes it from its active call register.

Action: Print TN block (except DTR) and reconfigure if customer number is not correct.

BUG6245 An attempt is made to send a SSRM on a DASS/DPNSS channel even though the channel state is still idle (i.e., an ISRM has not been sent).

The channel state is updated so that any response received from the far end can be handled correctly.

BUG6246 ACD TN found with its ACD CR in the main queue.

Output: ACD TN (unpacked format), ACD ID (DN format).

BUG6247 Evt.Coll: SEL (System Even List) file access error.

Action: Check the file and the hard disk.

BUG6248 EvtEdt: Event Defaults Table does not exist.

Action: Contact your technical support group.

BUG6249 EvtEdt: Cannot open Error Severity lookup file.

Action: Contact your technical support group.

BUG6250 EvtEdt: Insufficient memory to build Event Defaults Table.

Action: Contact your technical support group.

BUG6251 EvtEdt: Error severity lookup file is missing. Attempting to build a new one...

Action: Contact your technical support group.

BUG6252 EvtEdt: Error Message lookup file is missing.

Action: Contact your technical support group.

BUG6253 {tn} The set indicated has a CR attached indicating that login displays are being shown on this agent's display as if the agent were an MQA agent, but the set has no MQA data block. The CR on the incalls key is idled and the keylink is nilled.

BUG6254 An attempt was made to remove a Call Register from an idle agent queue for an MQA agent, but no father CR could be found. An attempt was made to idle any CRs in this aux cr chain, but other problems/bugs may be seen.

Action: If the problems persist and service is affected, the system must be initialized.

BUG6255 Tntrans failed on the origtn for an MQA agent CR in an idle agent queue. The Call Register was idled.

BUG6256 {tn} {acd dn} SET_ACD_PTRS failed in procedure put_in_idle_q for an MQA ACD agent. The TN and ACD TN are given.

BUG6257 tntrans on orign:crptr failed in procedure acd_128ms_to.

BUG6258 {tn} Unprotected ACD Position Pointer is nil for TN indicated. Data corruption may have occurred.

Action: If the problems persist, Service Change must be performed on this agent.

BUG6259 {tn} {acd dn} The ACD DN queue this MQA ACD agent is supposed to be serving is not in the agent's MQA data block.

Action: Logout and log back in again, respecifying the ACD DNs to be served.

BUG6260 {tn} {acd tn} SET_ACD_PTRS failed in procedure acd_agnt_login for an MQA ACD agent. The TN and ACD DN are given.

BUG6261 {tn} {acd dn} SET_ACD_PTRS failed in procedure acd_agnt_logout for an MQA ACD agent. The TN and ACD DN are given.

BUG6262 {tn} {acd dn} A son CR could not be defined for putting this MQA ACD agent into the idle agent queue for the indicated ACD DN.

BUG6268 Bad entry to global procedure IAGT.

BUG6269 Invalid IAGT SFR feature.

BUG6270 Unable to remove acquired agent from IAGT link list.

BUG6271 Unable to set up U_CSL_PTR for an acquired IAGT agent.

BUG6272 P_IAGT_TN_BLK prt is not found for an acquired IAGT agent.

BUG6273 IAGT data pointer(s) are not found for an acquired IAGT agent.

BUG6274 Unable to create a son_cr. Procedure GET_NWK_CALLID.

BUG6275 The ROSE_CR was just idled as a last resort. The ROSE_CR should already be idled. Procedure REST_OF_IDLE.

BUG6277 Call failed to TNTRANS in RESERVE_TIMESLOT.

BUG6278 An invalid state of H.10 for bit 7 & 6 in TNB. Procedure IVR_GET_JUNCTOR.

BUG6279 There is no timeslot/junctor information to set up/take down the speechpath. Procedure SETSPEECH_IVR.

BUG6280 SETONEWAY_IVR. Either the ULPXPTR was NIL or tried to enable a path when the ULPYPTR was NIL.

BUG6281 DPNSS NS: an attempt has been made to find another termination for a call after a night service divert request. The MAINPM returned (.NARS_CALL) is not proper. A TERTN should already have been found for this call at this stage.

BUG6282 NS: a CCM has been received on a channel after a night service diversion.

Action: Ensure the third party complies with the BTNR.

BUG6284 During retrieval, the controlling channel in a Night Service process was not tagged as DPNSS1.

BUG6285 There is a mismatch in the new and old call.

BUG6286 Flags or pointer not properly set in a call register associated with DPNSS1 Night Service.

BUG6291 Call register idled when SON CR with CCR process type still linked.

BUG6292 ACD_TOF_CALL bit in CRPTR is set but the AUXPM is invalid. Procedure ACD_RESTORE.

BUG6293 Incorrect input message received from the TDET when ARDL call processing.

BUG6294 Cannot spawn to reset power supply.

Action: If problem persists, contact your technical support group.

BUG6295 Cannot create semaphore for the Auxiliary Processor Interface.

Action: If problem persists, contact your technical support group.

BUG6296 Cannot disable the Auxiliary Processor interrupt during initialization.

Action: If problem persists, contact your technical support group.

BUG6297 Cannot install interrupt handler for Auxiliary Processor.

Action: If problem persists, contact your technical support group.

BUG6298 Cannot disable the Auxiliary Processor interrupt during initialization.

Action: If problem persists, contact your technical support group.

BUG6299 Application interrupt received before ISR is installed.

Action: If the problem persists, contact your technical support group.

BUG6300 Invalid interrupt received from the AP interface.

Action: If the problem persists, contact your technical support group.

BUG6301 Invalid application type x for installing ISR. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6302 Security Check interrupt received without any pending action. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6303 Invoke Security Check but AP interface is not installed. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6304 Security Check failed. The interface is already busy. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group your technical support group.

BUG6305 Security Check failed. Timeout waiting for response. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6306 Attempted to access an invalid CardLAN register. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6307 Attempted to access a CardLAN register but the AP-CL is not installed.

Action: If the problem persists, contact your technical support group.

BUG6308 Fail to install the AP-CardLAN interface.

Action: If the problem persists, contact your technical support group.

BUG6309 Invalid data writing to the CardLAN control register. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6310 Calling invalid intrinsic. This is caused by incorrect software operation.

Action: If the problem persists, contact your technical support group.

BUG6311 XCPU Invalid Message. Where eeee is the error code and uuuu is the unit # on Card 0. Units 8-15 on Card 0 are now disabled.

Error codes: 0000 - Invalid Upper Unit Configuration Message from CP 0001 - Invalid Tone Detection Request from CP 0003 - Invalid Tone Detected by DSP 0004 - Invalid MFC/MFE/MFK Signal Request from CP 0005 - Start/stop Detection Request for Disabled Channel from CP

Action: To re-enable units 8-15, run ENLX 0 in LD34. If the problem persists, contact your technical support group.

BUG6312 Invalid a31 number passed to a31 driver. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6313 Invalid function passed to a31 driver. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6314 Invalid a31 number passed to a31 test driver. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6315 Invalid function passed to a31 test driver. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6316 a31 Ready Int cannot dequeue message from queue. This may be due to corrupted software queues.

Action: If the problem persists, initialize the system.

BUG6317 a31 Input Int received interrupt from unconfigured a31.

Action: If the problem persists, initialize the system.

BUG6318 a31 Input Int received interrupt without pending message in a31 FIFO.

Action: If the problem persists, initialize the system.

BUG6319 Invalid polling PM detected in a31 Ready Int. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6320 Transmit underflow detected when sending msg to a31.

BUG6321 Invalid card number found in the IVD status array. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6322 No output signalling buffers are available. The correct output message is lost.

Action: If the problem persists, initialize the system.

BUG6323 Received poll response message but the PF bit is not set.

BUG6324 Invalid cmdType passed to WRITE_TSIC. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6325 Invalid function passed to 144_DRIVER. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6326 Invalid logical ivd number passed to 144_GET_PHYS_IVD.

Action: If the problem persists, initialize the system.

BUG6327 Invalid function passed to 144-SETUP. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6328 Invalid parm passed to BO3 Write. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6329 Invalid parm passed to BO3Read. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6330 Invalid conference loop passed to BO3TestDriver. This is caused by incorrect software operation.

Action: If the problem persists, initialize the system.

BUG6331 Auxiliary processor could not be started.

Action: Contact your technical support group.

BUG6332 OS %d: CP SIO failed to create ’/sio/2’.

Action: Try a manual INI. If this problem reoccurs do a cold start. If the problem persists, contact your technical support group.

BUG6333 OS %d: CP SIO failed to open ’/sio/2’.

Action: Try a manual INI. If the problem reoccurs, do a cold start. If the problem persists, contact your technical support group.

BUG6334 Could not initialize PCMCIA ATA device driver.

Action: Try a manual INI. If the problem reoccurs, do a cold start. If the problem persists, contact your technical support group.

BUG6335 Could not mount device "%s".

Action: Try manual INI. If the problem reoccurs, do a cold start. If the problem persists, contact your technical support group.

BUG6336 Could not find AUXRES file path in disk.sys.

Action: Contact your technical support group.

BUG6337 Could not find file "%s".

Action: May or may not be service affecting, depending on the file. Attempt to restore file. If this cannot be done, contact your technical support group.

BUG6338 Error opening file "%s".

Action: May or may not be service affecting, depending on the file. Attempt to restore file. If this cannot be done, contact your technical support group.

BUG6339 Error reading file "%s".

Action: May or may not be service affecting, depending on the file. Attempt to restore file. If this cannot be done, contact your technical support group.

BUG6340 Error seeking in file "%s".

Action: May or may not be service affecting, depending on the file. Attempt to restore the file. If this cannot be done, contact your technical support group.

BUG6341 ssDrv: Resource acquisition error, task = %s, resource = %s, ID = %p, errno = %s.

Action: Manual INI. If the problem persists contact your technical support group.

BUG6342 Resource creation error, task = %s, resource = %s, errno = %s

Action: Manual INI. If the problem persists contact your technical support group.

BUG6343 ssDrv: Fatal error, unable to initialize drive.

Action: Manual INI. If the problem persists contact your technical support group.

BUG6344 ssDrv: Drive space corrupted.

Action: Manual INI. If the problem persists contact your technical support group.

BUG6345 ssDrv: No free tracks.

Action: Manual INI. If the problem persists contact your technical support group.

BUG6346 ssDrv: Logical block %d out of range.

BUG6347 starve: Logical block %d mapping is invalid, caddr = %04X.

BUG6348 Flash write failure, task = %s, errno = %x, address = %p, data = %X, flash = %X.

BUG6349 starve: Invalid chip address = %04X.

BUG6350 ssDrv: Semaphore %p held by deleted task %p.

BUG6351 ssDrv: unable to reverse map caddr = %04X.

BUG6352 ssDrv: erroneous condition detected.

BUG6353 ssDrv: Could not create admin track, write operations not possible.

Action: Contact your technical support group.

BUG6354 NULL pointer

Action: If the problem persists, contact your technical support group.

BUG6355 Error accessing file %s: %s.

Action: If the problem persists, contact your technical support group.

BUG6359 Flash erase failed, address = %p.

Action: Contact your technical support group.

BUG6360 Invalid ethernet address read from CS.

Action: Check CPU ethernet chip. Contact your technical support group.

BUG6361 taskSpawn failed.

BUG6362 TOD content is wrong. Content is reset.

Action: Contact your technical support group.

BUG6363 Hardware interrupt is not cleared.

Action: *Severity is Major only if a BUG6364 is not printed immediately after.

BUG6364 Hardware interrupt is cleared.

BUG6394 The VDN data structure is corrupted. Some VDN blocks may be lost.

Action: Run AUDIT to rebuild recoverable VDN blocks. Recreate VDN blocks that have been lost.

BUG6395 The call register passed to the global procedure IED_CHK is nil.

Action: Report problem if condition persists.

BUG6396 G_GF_MSGCRPTR is nil, cannot build call-indp msg.

BUG6397 Unexpected process type in GF_CR.

BUG6398 The call register passed to the global procedure IED_CHK is nil.

Action: Report problem if condition persists.

BUG6399 In procedure RO_NO_CIM_RECVD, TER must be DPNSS as Route Optimization process is in operation on this side of the CR of the new call.

Action: Run AUDIT, as there may be unreleased CR and/or wrong channel states (new channel remains in a Route Optimization state).

BUG6404 A network call park operation is tried from one node to another node for which the Call Park Networkwide feature is not defined.

Action: Contact your system administrator if the Call Park Networkwide operation is desired.

BUG6405 Unable to remove the reserved agent son cr from the main cr.

BUG6406 Agent reserved son cr cannot be linked to NSBR call.

BUG6407 NSBR call cannot be terminated to a CDN.

BUG6438 Invalid message type is passed to procedure IAGT.

BUG6439 Invalid agent resync state is found.

BUG6440 Invalid IAGT agent is found from agent link list.

BUG6441 CRPTR is out of range. Output: TERMINAL

BUG6442 {type of failure} {event/state} {parm1}{parm2}{pam3} Call Completion (CC) Supplementary Service. Software failure detected by CC QSIG protocol handler.

BUG6443 {cause} {source} Call Completion Supplementary Service. Error detected by CC TERMINAL handler.

BUG6444 {type of error} {parms} Call Completion (CC) Supplementary Service. Error detected by CC ETSI-T protocol handler.

BUG6445 {type of error} {type of gateway} {source in sscc_gateway} Call Completion (CC) Supplementary Service. Error at a gateway node.

BUG6446 {protocol call-register pointer} Call Completion (CC) Supplementary Service. Procedure FIND_USER_PTR failed.

BUG6447 {protocol call register pointer} Call Completion (CC) Supplementary Service. Procedure FIND_PRA_MSG_PTR failed.

BUG6448 {protocol call register pointer} Call Completion (CC) Supplementary Service. Procedure IDLE_PROT_CR failed.

BUG6449 {RCAP id} Call Completion (CC) Supplementary Service. Procedure HAS_RCAP failed. Invalid RCAP id.

BUG6450 {source in sscc_utility} {int1} {int2} {int3}Call Completion (CC) Supplementary Service. Invalid parameter pointer passed in SSCC_UTILITY.

BUG6472 The message header is too small.

BUG6473 Mobility virtual TN failed TNTRANS.

BUG6474 Message CR exists without a CRPTR for the specified cref on this TN.

Action: If the caller is not able to make calls, service changing the portable will cause ForceDisconnect to clean up the lingering Message CR.

BUG6475 Call reference flag is invalid for Setup Indication.

BUG6476 Message is less than expected length. IEs are missing.

BUG6477 Call rejected due to invalid timeslot.

BUG6478 Message ID is invalid.

BUG6479 Message received in an invalid state.

BUG6480 Timeout occurred.

BUG6481 Case out of range.

BUG6482 MOB_INDATA_PTR is NIL. No incoming message is available to process.

BUG6483 Non-call processing message received when only a call processing message was expected.

BUG6484 Failed to send message to the MSP.

BUG6485 CRPTR is out of valid range.

BUG6486 Message CR is out of range.

BUG6487 Mobility data stored as non-key function does not exist.

BUG6488 Call reference is out of range.

BUG6489 Call register is out of range.

BUG6490 Call register could not be allocated for MSGCR.

BUG6491 Call reference specified is unexpectedly not being used.

BUG6492 Call reference specified is unexpectedly being used.

BUG6493 Timeout occurred in invalid state.

BUG6494 Invalid Feature Event.

BUG6495 Unable to retrieve Active Call.

BUG6496 Feature Key is not configured.

BUG6497 Two calls are in progress. Cannot activate call related features.

Action: Release on of the existing calls in order to be able to activate another feature.

BUG6498 Existing MSGCR found while attempting to set up a new incoming or outgoing call.

Action: MSGCR will be cleaned up when this is found. If incoming calls are not presented to the portable, service change the portable to cause Force Disconnect to clean up the lingering message CR.

BUG6499 A CRPTR exists without a MSGCR for this cref.

Action: Portable will be cleaned up when this is found. If incoming calls are not presented to the portable, service change the portable to cause Force Disconnect to clean up portable.

BUG6500 CREF check failed.

BUG6502 Only one digit per message is permitted for now.

BUG6503 Unable to set up a call on this TN with the specified cref.

BUG6504 Physical TN is invalid.

BUG6505	Cref returned by MOB_GET_CREF is invalid.
BUG6532	This procedure is called for a non-DASS2 master call which is invalid.
BUG7000	X invalid TID.
BUG7001	Cannot spawn SKDTask. ERRNO n.
BUG7002	Bad TickTime Slice. Cannot start round-robin scheduling.
BUG7011	Checksum mismatch on page x, base address y.
BUG7012	Inconsistent checksum corrected on page x, base address y.
BUG7013	Attempt to change write protected memory from interrupt handler.
BUG7014	Register procedure not called yet.
BUG7015	Memory configuration problems.
BUG7016	MTR changed during fast mode.
BUG7017	MSYNC: No temporary memory available to perform memory verification. Reinitialize the system with the MANUAL INIT button (top).
BUG7018	MSYNC: Memory mismatch corrected at addr a (loc = b; rem = c).
BUG7019	MSYNC: Sync failure at address a (local = b; remote = c). **Action:** Use the TEST CP command in OVL135 to try to recover memory shadowing.
BUG7020	Manual INIT in progress.
BUG7021	Cold start in progress because of {reason}.
BUG7022	Warm start in progress because of {reason}.
BUG7023	Task restart aborted - cannot send message to Restart task.
BUG7024	Task restart aborted - bad TID n.
BUG7025	Task table overflow on TID n.
BUG7026	Restart threshold exceeded in TID n.
BUG7027	Warning: task delete failed. TID = n.

BUG7028	Warning: unregistered task being restarted. TID = n.
BUG7029	Task being deleted. TID = n.
BUG7030	Task being restarted. TID = n.
BUG7031	Unknown request sent to Restart task. REQ = n.
BUG7032	Unable to create message queue.
BUG7033	Unable to spawn Restart task.
BUG7034	Manual INIT button disabled. **Action:** Reload the system with the Manual reload button.
BUG7035	Unable to register protMem - bad range x to y.
BUG7036	Unable to register protMem - no memory available.
BUG7037	Unable to register protMem - write failure.
BUG7038	Checksum error found at address x.
BUG7039	Checksum error in Page Control Table.
BUG7040	Checksum error in disk OS Text segment.
BUG7041	Checksum error in disk OS Dynamic segment.
BUG7042 x y	Checksum error at address x caused by cold start. **Action:** Reset the SIMM in SIMM slot y. If problem persists, replace the CP card.
BUG7043	System recovery failure. Task = n. **Action:** Reload the system with the Manual reload button.
BUG7044	Restart subsystem failure. No automatic restart. **Action:** Reload the system with the Manual reload button.
BUG7045	Exception caused task restart. TID = n, VEC = x, PC = y.
BUG7058	SWD watchdog timer expired on TID: n.
BUG7059	Failed to free SWD memory. SWDID: n.
BUG7060	Hardware watchdog interrupt event.

BUG7061	Failed task restart. TID: x.
BUG7062	Restarted task n TID x.
BUG7063	Failed in CMB access. Address: n. **Action:** Reset or replace CP card.
BUG7064	Failed in ISR registration. ISR number: n.
BUG7065	Failed to spawn “TSWD” task. **Action:** Reload the system with the Manual reload button. Reinstall software from the installation disks.
BUG7066	Broken task list. Number of tasks missing: n.
BUG7067	Invalid SWDID: x.
BUG7068	Invalid TID: x.
BUG7069	Failed to allocate SWD memory. **Action:** Reload the system with the Manual reload button.
BUG7070	CP SRA unauthorized access.
BUG7071	CP self-configure in process.
BUG7072	X CP database parse error(s) occurred. **Action:** Restore database from backup disks.
BUG7073	Power failure detected (Power Monitor).
BUG7074	CMB detects error during DMA.
BUG7075	HPM detects local parity error.
BUG7076	BIC parity error detected: PARRERZ = x.
BUG7077	CP database not found. **Action:** Restore database from backup disks.
BUG7078	Local fault (parity) threshold exceeded. Performing switchover. **Action:** Reset or replace the CP card.
BUG7079	Local fault (parity) threshold exceeded. Switchover failed.

Action: Reset or replace the CP card.

BUG7080 Sending of enable event to ID {name} failed.

BUG7081 Sending of link event to ID {name} failed.

BUG7082 Enabling active CP failed.

BUG7083 Local fault threshold exceeded. Performing switchover.

BUG7100 IPB database not found.

Action: Restore database from backup disk.

BUG7101 IPB database of an unexpected release.

Action: Restore database from backup disk.

BUG7102 IPB x database parse error(s) occurred.

Action: Restore database from backup disk.

BUG7103 IPB sending of ebanle event (ph7) to id {name} failed.

BUG7104 IPB sending of link event (ph5) to id {name} failed.

BUG7105 IPB card inserted did not fully seat IRQ disabled.

Action: Check card keying, or reseat the card.

BUG7106 IPB datadump failed.

BUG7107 IPB parity threshold exceeded. Performing switchover.

BUG7108 IPB switchover failed.

BUG7109 IPB IRQ enabled.

BUG7110 IPB Monitor failed on take of switchover prevent semaphore.

BUG7111 IPB card in side x, slot y does not have a card ID.

Action: Notify your technical service representative.

BUG7130 Space manager internal error at line {number}.

BUG7160 Connector x y unknown connection specification {name}.

BUG7161 Connector x y device {name} misidentified. Starting process of identification.

BUG7180	Network Control Bus x y ISR {name} not installed. Masking line {number}.
BUG7181	Network Control Bus x y setting default base address to {address}.
BUG7200	Assert failed in file {number}, line {number}.
BUG7201	Error logged by object {name}.
BUG7202	Broken object in list of class: {name}.
BUG7220	Broken class list.
BUG7221	Internal error logged.
BUG7222	Class {name} failed in init phase. **Action:** Reinitialize the system with the manual INIT button.
BUG7223	Corrupted HI EXEC Spec Case table.
BUG7224	Corrupted HI EXEC Policy table.
BUG7225	Unknown recovery recommendation.
BUG7226	HI directory not known to DLO. **Action:** Reinstall software from installation disks.
BUG7227	Corrupted HI directory name: {file name}. **Action:** Restore database from backup disk.
BUG7228	Cannot open directory {name}. Error number? **Action:** Restore database from backup disks.
BUG7229	Failed to copy from {drive} to {drive}. **Action:** Check that disk is in correct drive.
BUG7230	Failed to save {file name}. Error number(?) **Action:** Check CMDU power switch.
BUG7231	{Job ID} corrupted job control block.
BUG7232	{Job ID} stack underflow.
BUG7233	Number of servers started: {number} (out of?).

BUG7234	{Job ID} failed swdCreate.
BUG7235	Failed to spawn procedure.
BUG7236	Cannot locate HI data directory. **Action:** Restore the database from backup disk.
BUG7237	Bad status of {filename}.
BUG7300	Default resident symbol file not known to disk loader.
BUG7301	Null file name parameter to ldrLoadSymbolFile.
BUG7302	Cannot open {name} symbol file.
BUG7303	Error reading {name} symbol file.
BUG7304	{Name} invalid symbol format.
BUG7305	Error accessing {name} symbol file.
BUG7306	{Name} invalid symbol format.
BUG7307	Error accessing {name} symbol file.
BUG7308	Error reading {name} symbol file.
BUG7309	Error processing symbols.
BUG7310	Error accessing {name} symbol file.
BUG7311	Error reading {name} symbol file.
BUG7312	Error adding symbol. Symbol table may be full.
BUG7313	Incorrect symbol file format. This function only loads symbol files produced by option 81 programs.
BUG7314	Memory allocation error.
BUG7330	Kernal Init failed. Restarting with code x.
BUG7331	I/O system Init failed. Restarting with code x.
BUG7332	T startup spawn failed. Restarting with code x.
BUG7333	T startup gave up. Restarting with code x.

BUG7334	T startup suspended. Restarting with code x.
BUG7335	T startup deadline missed. Restarting with code x.
BUG7336	IOP search failed. Restarting with code x.
BUG7337	File system Init failed. Restarting with code x.
BUG7338	SCSI Init failed. Restarting with code x.
BUG7339	CMDU mount failed. Restarting with code x.
BUG7340	“Diskos” load failed. Restarting with code x.
BUG7341	“Diskos” run failed. Restarting with code x.
BUG7342	CLK connect failed. Restarting with code x.
BUG7343	CLK rate set failed. Restarting with code x.
BUG7344	EXC Init failed. Restarting with code x.
BUG7345	EXC during attempt to reboot. Restarting with code x.
BUG7346	EXC recovery not functioning. Restarting with code x.
BUG7347	Exception. Restarting with code x. **Action:** Check CMDU power switch. Be sure the IP Enable/Disable switch is enabled. Check both ends of the IOP SCSI cable and both CMDUs.
BUG7360	LCD INIT failed.
BUG7361	SIO driver create failed.
BUG7362	PIPE driver create failed.
BUG7363	Signal init failed.
BUG7364	Standard IO Init failed.
BUG7365	Console for log missing.
BUG7366	Log Init failed.
BUG7367	T startup deadline expires in 2 minutes.
BUG7368	T startup deadline expires in 1 minute.

BUG7369	T startup deadline expires in 30 seconds.
BUG7370	T startup deadline expires in 10 seconds.
BUG7371	LCD failed to create lcddrv.
BUG7372	LCD failed to open /lcd.
BUG7373	CP SIO bad channel number.
BUG7374	CP SIO failed to create /sio/0.
BUG7375	CP SIO failed to create /sio/1.
BUG7376	CP SIO failed to open /sio/0.
BUG7377	CP SIO failed to open /sio/1.
BUG7378	CP SIO hardware init failed for both ports.
BUG7379	Failed to find the IOP that passed the self test. **Action:** Be sure the IOP Enable/Disable switch is up. Reseat or replace the security cartridge on the IOP.
BUG7380	Failed to find the IOP that passed the self test. Switchover and restart will be attempted. **Action:** Reseat or replace the IOP.
BUG7381	Failed to find IOP on both sides. **Action:** Reseat or replace both IOPs. Be sure the Enable/Disable switch is up.
BUG7382	Invalid state in switchover induced IOP search.
BUG7383	Reboot server init failed.
BUG7384	“Diskos” lookup index not valid.
BUG7385	“Diskos” file too small. **Action:** Remove or reinstall the “diskos” from or to this directory.
BUG7386	“Diskos” file has wrong internal format. **Action:** Remove or reinstall the “diskos” from or to this directory.
BUG7387	“Diskos” file has wrong load address.

	Action: Remove or reinstall the “diskos” from or to this directory.
BUG7388	“Diskos” file truncated. **Action:** Remove or reinstall the “diskos” from or to this directory.
BUG7389	ROM OS x: "diskos" file truncated. **Action:** Remove or reinstall the “diskos” from or to this directory.
BUG7400	Protected data overlap. Cold start with code x. **Action:** Increase T data parameter in “diskos” rule.
BUG7401	Warm start threshold exceeded. Cold start with code x.
BUG7402	Kernal init failed. Cold start with code x.
BUG7410	Segment init failed. Restarting with code x.
BUG7411	OS segment init failed. Restarting with code x.
BUG7412	I/O system init failed. Restarting with code x.
BUG7413	SWD system init failed. Restarting with code x.
BUG7414	T startup spawn failed. Restarting with code x.
BUG7415	T startup suspended. Restarting with code x.
BUG7416	T startup deadline missed. Restarting with code x.
BUG7417	IOP search failed. Restarting with code x.
BUG7418	File system init failed. Restarting with code x.
BUG7419	SCSI init failed. Restarting with code x.
BUG7420	CMDU mount failed. Restarting with code x.
BUG7421	Security cartridge driver failed. Restarting with code x.
BUG7422	Security cartridge device failed. Restarting with code x.
BUG7423	Security cartridge check failed. Restarting with code x.
BUG7424	Scheduler init failed. Restarting with code x.
BUG7425	CLK connect failed. Restarting with code x.

BUG7426	CLK rate set failed. Restarting with code x.
BUG7427	EXC init failed. Restarting with code x.
BUG7428	RST init failed. Restarting with code x.
BUG7429	Exception in EXC recovery. Restarting with code x.
BUG7430	EXC during attempt to restart. Restarting with code x.
BUG7431	EXC recovery not functioning. Restarting with code x.
BUG7432	Exception. Restarting with code x. **Action:** Be sure CMDU power is on. Check that the IOP Enable/Disable switch is up. Check both connectors of the IOP SCSI cable, and both CMDUs.
BUG7433	TOD init failed. Restarting with code x.
BUG7434	TOD midnight init failed. Restarting with code x.
BUG7440	LCD init failed.
BUG7441	SIO driver create failed.
BUG7442	PIPE driver create failed.
BUG7443	Signal init failed.
BUG7444	Standard I/O init failed.
BUG7445	Log console missing.
BUG7446	Log Init failed.
BUG7447	Debug init failed.
BUG7448	Symbol init failed.
BUG7449	Switchover init failed.
BUG7450	T startup suspended - restart in 10 seconds.
BUG7451	T startup suspended - restart in 5 seconds.
BUG7452	T startup deadline expires in 2 minutes.
BUG7453	T startup deadline expires in 1 minute.

BUG7454 T startup deadline expires in 30 seconds.

BUG7455 T startup deadline expires in 10 seconds.

BUG7456 Raw file system init failed.

BUG7457 FD raw volume init failed.

BUG7458 Install load failed.

BUG7459 PTY table create failed.

BUG7460 RPT init failed.

BUG7461 Symbol load failed.

BUG7462 Patch init failed.

BUG7463 OSM init failed.

BUG7464 Failed to find the IOP that passed the self test.

Action: Be sure the IOP Enable/Disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7465 Failed to find the IOP that passed the self test. Attempting switchover.

Action: Be sure the IOP Enable/Disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7466 Failed to find any IOP. Attempting switchover.

Action: Be sure the IOP Enable/Disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7467 Graceful switchover during IOP search was rejected.

BUG7468 Failed to find any IOP on this side. Switchover was rejected.

Action: Be sure the IOP Enable/Disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7469 Failed to find IOP on both sides.

Action: Be sure the IOP Enable/Disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7470 TOD init failed.

BUG7471 LCD device create failed.

BUG7472 LCD device open failed.

BUG7473 CP SIO bad channel number.

BUG7474 CP SIO failed to create “/sio/0.”

BUG7475 CP SIO failed to create “/sio/1.”

BUG7476 CP SIO failed to open “/sio/0.”

BUG7477 CP SIO failed to open “/sio/1.”

BUG7478 OS x: CP SIO h/w init failed for all ports.

BUG7479 LAN address setup failed.

BUG7480 LAN init failed.

BUG7481 Reboot server init failed.

BUG7482 OS x failed to open y.

Action: Reinstall “diskos.sym.”

BUG7483 OS x y file too small.

Action: Reinstall “diskos.sym.”

BUG7484 OS x y has wrong internal format.

Action: Reinstall “diskos.sym.”

BUG7485 OS x failed to load y.

Action: Reinstall “diskos.sym.”

BUG7486 OS x y may not match “diskos” loaded from z.

Action: Check floppies in floppy drives.

BUG7487 OS x y does not match “diskos” loaded from z.

Action: Check floppies in floppy drives.

BUG7488 SEC Cartridge check failed.

Action: Check SEC Cartridge. Proceeding without File System.

BUG7489	Attempt to select IOP/CMDU failed. File System may not be accessible. **Action:** Check IOP/CMDU. Use MAN INIT when ready.
BUG7490	Failed to open a. reinstall ’diskos.sym’.
BUG7491	A file has wrong internal format. reinstall ’diskos.sym’.
BUG7492	A file has wrong internal format. reinstall ’diskos.sym’.
BUG7493	Failed to load a. reinstall ’diskos.sym’.
BUG7494	A may not match "diskos" loaded from b. **Action:** Check floppies in floppy drives.
BUG7495	A does not match "diskos" loaded from b. **Action:** Check floppies in floppy drives.
BUG7496	Failed to find the IOP. **Action:** Reseat or replace IOP. Check that IOP Enable/Disable switch is enable (up).
BUG7500	SIO failed to create siodrv.
BUG7501	SIO failed to hardware init siodrv.
BUG7502	SIO bad channel number x.
BUG7503	SIO bad address of SIO DEV x.
BUG7504	SIO installing siodrv.
BUG7505	SIO x on IOS list but not marked created.
BUG7506	SIO x marked created but not on IOS list.
BUG7507	SIO x failed tydevinit.
BUG7508	SIO x failed iosdevadd.
BUG7509	SIO x is not marked created.
BUG7510	SIO x hardware init on side y failed.
BUG7511	SIO x attribute load on CP side y failed.
BUG7512	SIO x is not marked initialized.

BUG7520	SIO x is not marked initialized.
BUG7540	Failed to install TOD ISR.
BUG7541	Time and data parameters are out-of-range.
BUG7542	Failed to create tod24 sems.
BUG7543	Failed to spawn tod24 task.
BUG7544	Corrupted entry x in midnight list.
BUG7545	Stuck in update mode. Cannot access Time and date data.
BUG7546	TOD 24 invalid job name.
BUG7547	TOD 24 malloc.
BUG7548	TOD 24 x bad entries in the TOD 24 list. Use TOD24Show from PDT.
BUG7560	SIMM out-of-range on side x.
BUG7561	SIMM out-of-range in slot x.
BUG7562	SIMM out-of-range array size x.
BUG7563	SIMM out-of-range SIMM type: b.
BUG7580	RST: Remote access timed out. **Action:** Change to SINGLE mode. Check to make sure that CP to CP cable is properly connected, and that power on remote side is not faulty. Also make sure remote CP board is seated.
BUG7581	Number of SIMMs on both sides does not match. **Action:** Be sure both sides have the same number of SIMMs installed. Verify the number of good SIMMs in the system by verifying the SYS702 messages received during cold start.
BUG8927	TNTRANS failed.
BUG8928	Tone CR cannot be retrieved.
BUG8930 xxxx	GPT Integrated Digital Access. Where xxxx is one of the following codes: 2009 Invalid DTSL/DDSL timeout

2010 DTSL/DDSL pointers are already set up

2011 Invalid source in DASS_MAINTENANCE

2012 DASS_MAINTENANCE — invalid timeout

2013 DASS_MAINTENANCE — channel configuration is not DPNSS

2014 DASS_MAINTENANCE — DTSL not in polling table

2015 DASS_MAINTENANCE — FORCEDISCONNECT failed

2016 DASS_MAINTENANCE — ENABLE-STN failed

2100 DASS_DPNSS_CALL — a DPNSS1 input with an unrecognized message group has been received

2101 DASS_DPNSS_CALL — an undefined call control has been received

2102 DASS_DPNSS_CALL — an RM has been received in an invalid state

2103 DASS_DPNSS_CALL — an unsupported message has been received

2104 DASS_DPNSS_CALL — an ISRM has been received in an invalid state

2105 DASS_DPNSS_CALL — a CCM has been received in an invalid state

2106 DASS_DPNSS_CALL — a NIM has been received in an invalid state

2107 DASS_DPNSS_CALL — a CRM has been received in an invalid state

2108 DASS_DPNSS_CALL — a NAM has been received in an invalid state

2109 DASS_DPNSS_CALL — a SSRM has been received in an invalid state

2110 DASS_DPNSS_CALL — a RRM has been received in an invalid state

2111 DASS_DPNSS_CALL — an undefined EEM has been received

2112 DASS_DPNSS_CALL — an EEM has been received in an invalid state

2113 DASS_DPNSS_CALL — a SCRM message has been received. This message is invalid.

2114 DASS_DPNSS_CALL — a SCIM message has been received. This message is invalid.

2115 DASS_DPNSS_CALL — an undefined LLM message has been received

2116 DASS_DPNSS_CALL — an LLM has been received in an invalid state

2117 DASS_DPNSS_CALL — an LLRM message has been received. This message is invalid

2119 DASS_DPNSS_CALL — a timer has expired in an invalid state

2120 DASS_DPNSS_CALL — a digits have been received from a set in an invalid state

2121 DASS_DPNSS_CALL — an extension has answered in an invalid state

2123 DASS_DPNSS_CALL — an invalid input has been received in an invalid state

2126 DASS_DPNSS_CALL — the EOD timer has expired in an invalid state

2127 DASS_DPNSS_CALL — an attempt has been made to set up both transit channels on a non-transit connection and has failed

2129 DASS_DPNSS_CALL — CRPTR is NIL

2131 DASS_DPNSS_CALL — a procedure has been called with an invalid source parameter

2133 DASS_DPNSS_CALL — an attempt to start an invalid timer has occurred

2134 DASS_DPNSS_CALL — a unable to set up route data pointers

2135 DASS_DPNSS_CALL — an attempt to set up an invalid CLC

2137 DASS_DPNSS_CALL — invalid TNTRANS

2145 DASS_DPNSS_CALL — extension has been cleared during the extension clear down sequence

2147 A global procedure has been called that is not valid for a DPNSS call

2149 DASS_IO — a TNTRANS has failed in EMPTY_LLM_QUEUE

2151 A channel state is out-of-range2152 A supplementary information string is out-of-range

2153 An undefined CLC string has been received

2155 Invalid number of parameters in CLC

2156 DASS_OUTPUT — Invalid SOURCE_DATA parameter

2158 DASS_TO_TNTRANS has failed2159 DASS_IO_ — No messages to be queued

2160 DASS_IO — Message queue is full, queue has been cleared of all messages that contain the same group and type code as the clearout message

2161 DASS_IO — No Call Register is available for queuing messages

2162 DASS_IO — Request to collect invalid messages has been received messages must be EEM(I) or LLM(I)2163 DASS_IO — Character cannot be stored in queue because the queue size is zero

2164 CHK_INFO_STRINGS — all to store message that is not an ISRM(I) or ISRM(C)

2165 FORMAT_DASS_MSG — Invalid SOURCE parameter

2166 FORMAT_DASS_MSG — ITEMPTR parameter is NIL

2167 FORMAT_DASS_MSG — Supplementary information string is out of range

2168 FORMAT_DASS_MSG — ITEMPTR parameter is NIL

2169 FORMAT_DASS_MSG — Message size exceeds 45 bytes

2171 DASS_INUT — A message has been received that is not valid for DASS2

2323 NEXT_CHARACTER — An incomplete ICI/SCI has been encountered at the end of the linked list of Call Registers

2330 DASS_DPNSS_CALL — DDC called to handle a DASS2 message in an invalid state

2331 DASS_DPNSS_CALL — DDC called to handle a DASS2 message on a channel configured as DPNSS1

2332 DASS_DPNSS_CALL — Unable to set up route pointers for a DASS2 channel

2333 DASS_DPNSS_CALL — REPEAT_MSG or REPEAT_ISRM called with a DASS2 channel involved

2334 DASS_DPNSS_CALL — DDC called to send a NIM on a DASS2 channel

2335 DASS_DPNSS_CALL — DDC called to send an EEM on a DASS2 channel

2336 DASS_DPNSS_CALL — DDC called to send an LLRM on a DASS2channel

2337 CONFIG_ALL — DTS/DDSL type is specified as being something other than a PRIVATE or PUBLIC link

2338 SET_CHAN_FLAGS — A lap with a number greater than 31 has been started by level 3 on a PUBLIC network link

2339 SCCM_MI2_WRITE — A set channel configuration message with a lap number greater than 31 has been sent from level 3 to level 2 on a PUBLIC network link

2340 CHAN_STARTUP — A channel status change message with a lap number of greater than 31 has been sent from level 2 to level 3 on a PUBLIC network link

2341 SET_UP_CONFIG — A set channel configuration message containing DASS2 signaling channels has been sent from level 3 to level 2 on a PRIVATE network link

2342 VALID_CHAN — A lap number of greater than 31 is being started on a PUBLIC network link

2343 CONFIG_ALL_PUB — A virtual channel has been configured on a PUBLIC network link

2456 DT_DASS_INPUT — A message has been received on a DPNSS/DASS link that is not configured for DA signaling

2521 Empty SSRM message has been sent on a none specified MERCURY route

8000 Not a DASS2 DTSL/DDSL

8030 Invalid MAINPM returned by DIGPROC

8031 TNTRANS on ORIGTN failed

8032 Invalid TERTYPE

8033 TNTRANS on TERTN failed

8034 Invalid call without TERTYPE

8035 Conference with less than 3 parties

8036 Unable to ring member of group DN

8040 Route pointers could not be set up

8050 Invalid procedure call — called with IDA TN

BUG8934 ICP: This TN should have CFW configured.

BUG8935 ICP: This CUST should have a common printer defined.

BUG8936 ICP: the TEN should have a common printer defined.

BUG8937 Invalid AUX_PM state. Procedure ICP_DNS_ACTION.

BUG8938 Case out-of-range in ICP task number n.

BUG8939 ICP_TASK out-of-range in global pd.

BUG8940 Invalid outgoing message for ICP. Message doesn't start with ASCII character STX. FIrst_Char, Link Number. Procedure ICP_TRANSMIT.

BUG8941 Invalid input source to LD 51 (ICU). SOURCE. Procedure MAINY_ICU.

BUG8942 A call is made to a procedure which is used by APL and not by ICP.

Output: apl_source, invalid_type, invalid data, link_number.

Procedures handle_ack, handle_nak

invalid type = 3

invalid_data = 0 - send ACK0/NACK0 signal

invalid_data = 1 - send ACK1/NACK1 signal

invalid_data = 2 - send NAK

Procedure handle_128ms_to

invalid type = 1

invalid_data = output link_status

Procedure read_and_send

invalid type = 8

invalid_data = 1 - transmitted

invalid_data = 2 - retransmit

link_status = 0 - down

link_status = 1 - idle

link_status = 2 - APL transmit

link_status = 3 - wait ACK

link_status = 4 - APL retransmit

link_status = 5 - ICP transmit

apl_source = 0 - output timer has expired

apl_source = 1 - input timer has expired

apl_source = 3 - link audit

apl_source = 4 - link status

apl_source = 5 - update link timers

apl_source = 6 - link message to output queue

apl_source = 7 - remove message from output queue

apl_source = 8 - disable transmit function

apl_source = 9 - link process ID

apl_source = A - allocate Call Registers

apl_source = B - send message to application

apl_source = C - send message to link

apl_source = D - receive one character

apl_source = E - enable ICP link

BUG8943	There is no Call Register available. Procedure icp_asm_packet (receive) output: qu_aplip = 0017, link number. Procedure icp_send_msg (transmit) output: ic_msg_type.
BUG8944	APL output queue overflow. Procedure link_apl_oq output queue_length, link number.
BUG8945	ICP link number out of rang (0-15). Procedure icp_resources_ok output: ic_link_no.
BUG8946	Message type out-of-range. Procedures icp_send_msg, icp_resources_ok and icp_msg_build output: ic_msg_type.
BUG8947	APL input queue full. Procedure icp_asm_packet output: queue length. BUG8948
BUG8948	Message too long. Procedures icp_msg_to_buf, icp_rec_input, icp_asm_packet output: link number.
BUG8949	Invalid Intercept recipient.
BUG8950	Attempt to light change status on invalid fixed lamp.
BUG8951	Unit type other than Attn has called Console_Display.
BUG8952	Invalid Attn lamp number passed to pd AttnLamp.
BUG8953	Setcustptrs failed.
BUG8954	Setattnprts failed.
BUG8955	Invalid input from DCON (pd Handle_B5).
BUG8956	Invalid input from DCON (pd Handle_B3).
BUG8957	Invalid input from DCON (pd Handle_B2).
BUG8958	Invalid input from DCON (pd Handle_B1).
BUG8959	Invalid input from DCON (pd Handle_B0).
BUG8960	Invalid input from DCON (pd Handle_CMD_A).
BUG8961	SPCE is activated when FFC is restricted.
BUG8962	FFC Handler was called with an invalid FFC type.

BUG8963	Electronic Lock (ELK) password length is out-of-range. Your data may be corrupted.
BUG8964	You have entered an invalid DN type for the ELK feature, at this point.
BUG8965	The password stored is invalid (wrong length).
BUG8967	Wrong Trunk type in Periodic_Clear.
BUG8968	Wrong TN in Periodic_Clear.
BUG8969	Invalid case to Periodic_Clear.
BUG8970	A Buffered PPM with a read request still pending is being idled. The DN will not be charged. Trunk TN, Trunk PPM, PPM_BITS and PPM_CALLED_BITS are printed. Procedure IDLETRUNKS.
BUG8971	Attempt to write a protected bit field for the specified bit offset and bit width do not fit within one 16 bit word. - Pd. WRITEPBITS.
BUG8972	Procedure IDLECR: The CR being IDLED still has CDR CRs Attached. PPM module is called to print these CDR Call Register(s). For each CDR CR, the return address stack is printed in the second line, and the CDR record number is printed. Received pulses maybe charged to the wrong meter.
BUG8973	When the PPM trunk is involved, interpositional call is not allowed. The other attendant CR of loop key is ignored. Procedure FIND_CHGEE_CONF
BUG8974	Procedure PPM_XFERCDR: either CRPTR or PPM_CRPTR is found to be nil. When attempting to transfer the CDR Call Register from one CR to another, one of the CRs was found to be nil.
BUG8975	PLMRPTR is nil.
BUG8987	You must have the SPRE feature defined to use FFC.
BUG8988	DTI2_CALL_TYPE with .COS_NAP should not be making outgoing calls.
BUG8989	Invalid case for D2TRK module.
BUG8990	Invalid software DTI2 trunk state detected.
BUG8991	Invalid DTI2 signal type requested by software.
BUG8992	DTI2 invalid TN.
BUG8993	TBAR - route pointers could not be set.

BUG8994 TBAR - desired ART pointer is NIL.

BUG8995 DTI2_HANDLER source out-of-range.

BUG8996 g loop DTI2 - CH_TN convert failed. g = group.

BUG8997 DTI2_HANDLER DTI2_O_ABCD or DTI2_I_ABCD Invalid signal type requested by the software.

BUG8998 DTI2_HANDLER CONVRT_TIME_UNIT. Time unit out-of-range.

BUG8999 DTI2 - Analog procedure called for Digital Trunks. Outputs TN and Global Number

BUG9000 Global procedure PTU, returned invalid value. Module: MFC. Procedure: ACTV_UPF_CNI_PTU.

Action: Contact your technical support group.

BUG9001 Procedure called with an invalid source. Module: MFC. Procedure: PTU.

Action: Contact the distributor.

BUG9002 Different values returned when procedure called twice in the same timeslice with the same parameters (for early check traffic pegging purposes). Module: NARS. Procedure: NARS_FIND_ROUTE.

Action: Contact your technical support group.

BUG9003 The parameters sent are incorrect; either the unprotected route pointer is NIL, or the value assigned to the TRK_BUSY_BIT is incorrect (must be zero or one). Note: The parameters are printed in the BUG message. Module: TRK. Procedure: UPD_TRK_BUSY_BIT.

Action: Contact your technical support group.

BUG9004 An attempt was made to increment or decrement the idle trunk counter beyond its allowable range (0 - 254). Procedure: UPD_TRK_BUSY_BIT.

Action: Contact your technical support group.

BUG9005 Procedure is called during a PTU early check. Procedure: DIGPROC.

Action: Contact your technical support group.

BUG9006 Task spawn failed.

Action: If problem persists, initialize the switch. If the problem continues, contact your technical support group.

BUG9007 A CDR call register has timed out after 5 minutes while waiting for PPM information from the trunk. That call register is idled.

BUG9008 Error occurred writing Alarm Management Database.

Action: Check the file and the hard disk.

BUG9009 Cannot make a Backup of the existing Alarm Management Database.

Action: Check the file and the hard disk.

BUG9010 Cannot close Alarm Management Database file.

Action: Check the file and the hard disk.

BUG9011 Cannot create/open Alarm Management Database directory.

Action: Check the file and the hard disk.

BUG9012 Cannot create Alarm Management Database directory.

Action: Check the file and the hard disk.

BUG9014 MMIH: Failure to create message buffer. The MMIH interface driver will not be available for MSDL/MISP cards.

Action: Warmstart the system to recover.

BUG9015 MMIH: Failure to create semaphore for message buffer. The MMIH interface driver will not be available for MSDL/MISP cards.

Action: Warmstart the system to recover.

BUG9016 MMIH Failure to create print tasks message queue. The MMIH interface driver will not be available for MSDL/MISP cards.

Action: Warmstart the system to recover.

BUG9017 MMIH: Failure to create message buffer. The MMIH interface driver will not be available for MSDL/MISP cards.

Action: Warmstart the system to recover.

BUG9018 An mCIDR return error component (see Appendix C) has been returned with the indication 'invalidCallState'. This means that the network has received the mCIDRequest invoke component from the called party in a state other than the Active state (N10) or the Disconnect indication state (N12).

Action: If this is a frequent message, report the problem to your technical support group.

BUG9019 A mCIDRequest return error component (see Appendix C) has been returned with the indication 'notIncomingCall'. This is considered a bug: mCIDRequest is not to be sent for outgoing calls.

Action: If this message appears frequently, report the problem to your technical support group.

BUG9020 A mCIDRequest return error component (see Appendix C) has been returned with the indication 'supplementaryServiceInteractionNotAllowed". This means that the MCID supplementary service is invoked when another supplementary service is already activated or has already been invoked. The Network does not allow this MCID supplementary service invocation in combination with the other supplementary service.

Action: Contact your technical support group.

BUG9023 Path replacement: problem when switching from the old to the new connection.

Action: Contact your technical support group.

BUG9024 Path replacement protocol failure.

Action: Contact your technical support group.

BUG9025 Path replacement: problem with the GF.

Action: Contact your technical support group.

BUG9026 Path replacement: Invalid pointer.

Action: Contact your technical support group.

BUG9027 Path replacement encoding/decoding problem.

Action: Contact your technical support group.

BUG9079 Call Register idled still in RAN queue.

Action: Contact your technical support group.

BUG9080 Call Register idled still in broadcast trunk list.

Action: Report the problem if the condition persists.

BUG9081 ORIGTN = 0 in a call waiting for RAN.

Action: Contact your technical support group if the problem persists.

BUG9082 TERTN = 0 in a call linked to a RAN broadcasting trunk.

Action: Contact your technical support group if the problem persists.

BUG9083 Data in the TITH Call Register and the RAN Route data block does not match.

Action: Contact your technical support group if the problem persists.

BUG9084 It is not valid to send a Discard Buffer Message for APNSS configurations.

Action: Please check the configuration for D-Channel number n.

BUG9085 The Layer 2 Reset Option (prompt L2_RST) does not apply for this type of pack.

Action: Please check the configuration for D-channel number n.

BUG9086 The number of DNIS digits in the passed variable is zero.

BUG9087 Call register pointer (CRPTR) passed to procedure BRDCST_UTILITY is out of range.

Action: Contact your technical support group if the problem persists.

BUG9088 Music Broadcast trunk list is broken.

Action: Contact your technical support group if the problem persists.

BUG9089 The number of RAN connections available in the system is equal to less than 0.

Action: Reduce the number of RAN connections until the problem disappears.Contact your technical support group if the problem persists.

BUG9090 The number of RAN Broadcast in route available in the system is equal to less than 0.

Action: Remove broadcasting RAN route until the problem disappears. Contact your technical support group if the problem persists.

BUG9091 RAN waiting calls list is broken.

Action: Contact your technical support group if the problem persists.

BUG9092 RAN trunk list is broken.

Action: Contact your technical support group if the problem persists.

BUG9093 LISPTY_TN BRDCST_TN LISPTY_GROUP LISPTY-JUNC Invalid junctor value in procedure BRDCST_GET_J when looking for a junctor for a RAN or Music Broadcast call.

Parameters: LISPTY_TN, BRDCST_TN, LISPTY_GROUP, LISPTY_JUNC

Action: Contact your technical support group if the problem persists.

BUG9094 BRDPTY_TN, LISPTY_TN, TALKSLOT_WORD, TALKJUNC_WORD Attempt to write to NTWK memories with bad timeslot data (zero) avoided for a RAN of Music Broadcast call in procedure BRDCST_SETSPEECH.

Parameters: BRDPTY_TN, LISPTY-TN, TALKSLOT_WORD, TALKJUNC_WORD

Action: Contact your technical support group if the problem persists.

BUG9095 GLOOP U_G_LOOP:PTRY Network Loop pointer corruption in BRDCST_SETSPEECH.

Parameters: GLOOPX, U_G_LOOP: PTRY

Action: Contact your technical support group.

BUG9096 TN S CHZ Terminal TN, attempted to idle the slot S used by channel CHZ on the same loop.

BUG9097 CH LP S RESERV_COUNT of channel CH loop LP reached maximum value while re-using timeslot S.

BUG9120 GDLS_CALLPROC, GDLSHTPTR is undefined. Serious software fault which will affect system performance.

Action: Contact your technical support group.

BUG9121 GDLS_CALLPROC called with improper SOURCE value.

Action: Contact your technical support group if the problem persists.

BUG9122 CRPTR is NIL on entry to transmission algorithm. SOURCE is displayed. No effect on system performance.

BUG9123 No port type could be assigned to the TN which was invalid in previous ERR 1 message.

Action: Contact your technical support group.

BUG9124 IDLE pads could not be sent. Invalid IDLEFLAG value.

Action: Contact your technical support group.

BUG9125 PADS column is outside specified range (0-1). The TN and the PADS values are printed.

Action: Check the loss plan for out of range values. Contact your technical support group.

BUG9126 RPAD or TPAD column is outside specified range. The TN RPAD and TPAD are printed.

Action: Check the loss plan for out of range values. Contact your technical support group.

BUG9127 An invalid message type was received for a TN specified to receive PAD messaging. The TN and Message type are printed.

Action: Check card.db file used for mapping against published values in NTP and modify through your technical support group.

BUG9128 An empty (NULL) value was specified in the loss plan and could not be sent.

Action: Contact your technical support group if the problem persists.

BUG9129 An invalid message type was received for a TN specified to receive flexible level messages. The TN and message type are printed.

Action: Contact your technical support group if the problem persists.

BUG9130 An invalid message type was encountered when trying to retrieve the encoded message for a specified Receive or Transmit dB value. The message type is printed.

Action: Contact your technical support group if the problem persists.

BUG9131 A value smaller than -12dB RX was passed to be encoded but GDLS encoding tables start at this value. A value of -12dB was used instead.

Action: Check loss plan table for improvements. Note extreme values may be beyond the capabilities of the hardware device.

BUG9132 A value greater than +14dB RX was passed to be encoded but GDLS encoding tables finish at this value. A value of +14dB was used instead.

Action: Check the loss plan table for improvements. Note extreme values may be beyond the capabilities of the hardware device.

BUG9133 A value smaller than -12dB TX was passed to be encoded but GDLS encoding tables start at this value. A value of -12dB was used instead.

Action: Check the loss plan table for improvements. Note extreme values may be beyond the capabilities of the hardware device.

BUG9134 A value greater than +14dB TX was passed to be encoded but GDLS encoding tables finish at this value. A value of +14dB was used instead.

Action: Check loss plan table for improvements. Note extreme values may be beyond the capabilities of the hardware device.

BUG9135 The default port type for the TN passed was not allocated.

Action: Contact your technical support group.

BUG9136 The PLOOPTR for the TN passed for default port type allocation was invalid.

Action: Contact your technical support group.

BUG9137 Bitoffset passed to the bitfield algorithm GDLS_WRITEBITS was invalid.

BUG9138 An invalid message type was encountered on transferring an updated loss plan from overlay 117 into the system. Transfer is cancelled. Can cause memory leak.

BUG9139 An invalid state was found in transferring the system loss plan from overlay 117. Transfer is cancelled. Can cause minor memory leak.

BUG9140 Call register removed from the RAN waiting queue still in the RAN waiting call register's list.

Action: Contact your technical support group if the problem persists.

BUG9141 A call is connected after the RAN re-started. The beginning of the announcement could be missed.

Action: Increase the delay between the two announcements on the RAN machine (up to 2 seconds), or reduce the maximum number of RAN connections.

BUG9149 ACD DN was not found in agent's MQA data block whereas the TN of the agent appears in the position list of the ACD DN. (Procedure AUDIT_POSITIONS)

Action: Agent's TN is removed from the position list of the ACD DN. Loop variable is adjusted so that the TN can be audited in the same place where MQA agent's TN used to be. AGENT_ID is removed from ID_TBL if it exists, and from P_POSITION PTR.

BUG9157 A problem occurred during QSIG Diversion.

Action: Contact your technical support group and advise them of the parameters output.

BUG9159 The broadcast speechpath was not set-up.

Action: Contact your technical support group if the problem persists.

BUG9160 While idling a broadcast call the broadcast timeslot junctor was found to be empty.

Action: Contact your technical support group if the problem persists.

BUG9161 a b c d e f g h i j1 j2 j3 j4 j5 j6 j7 j8 - Procedure OUTPULSING. Digitunload

is greater than Digitload even though 32 or fewer digits have been dialed.

Where:

a = Rtclock

b = Mainpm

c = Auxpm

d = Origtn

e = Tertn

f = Origtype

g = Tertype

h = Digitload

i = Digitunload

j1 - j8 = the dialed digits.

BUG9175 Attempting to format an invalid or unsupported DPNSS NSI string. (Procedure FO RMAT_NSI. Module DIO).

BUG9176 CRM received in invalid Supplementary Service State. (Procedure MWIGW_CRM_INPUT. Module DSS).

BUG9177 Invalid GW_FUNCTION. (Procedure MWIGW_SERVICE. Module IDAGW).

BUG9178 Could not send a Facility (Request), message (Procedure RCVD_MWI_ISRM Module IDAGW).

BUG9179 Could not send a Facility message (either a Facility (Acknowledge) or a Facility (Reject). (Procedure RCVD_MWI_CRM. Module IDAGW).

BUG9180 Could not send an ISRM containing a Message Waiting NSI string. (Procedure RCVD_MWI_FAC_REQ. Module IDAGW).

BUG9181 Could not send a CRM with a Clearing Cause of Acknowledge. (Procedure RCVD_MWI_FAC_ACK. Module IDAGW).

BUG9182 Could not send a CRM. (Procedure RCVD_MWI_FAC_REJ. Module IDAGW).

BUG9183 Could not send a Facility Reject message.

BUG9184 Could not send a Facility Reject message. (Procedure MWIGW_FAC_PROB. Module IDAGW).

BUG9185 Invalid direction for MCDN TCAP Diagnostic Code {-} DPNSS Clearing Cause mapping.

BUG9186 Invalid new call state.`(Procedure MWIGW_SET_STATE. Module IDAGW)`.

BUG9187 ITEMPTR is NIL. (Procedure MWIGW_PARM_CHK. Module IDAGW).

BUG9188 MCDN Message CR point is invalid. (Procedure MWIGW_PARM_CHK. Module IDAGW).

BUG9189 CRPTR is invalid. (Procedure MWIGW_PARM_CHK. Module IDAGW).

BUG9190 Invalid GW_FUNCTION. (Procedure MWIGW_PARM_CHK. Module IDAGW).

BUG9191 Could not map the digits for the OLI of the outgoing Message Waiting ISRM. (Procedure MWIGW_GET_OLI. Module IDAGW).

BUG9234 Wrong parameters have been passed to MEET_HANDLER, MEET_RCV_MSG or MEET_HANDLER_NAS.

Output:

{x} = 1 MEET_HANDLER, 2 MEET_RCV_MSG, 3 MEET_HANDLER_NAS

{y} = REQ value

{z} = DATA1 value

BUG9235 Registration to GF of MCDN End to End Transparency has failed.

BUG9236 The message indicates a QSIG call transfer protocol failure.

Action: Contact your technical support group.

BUG9237 QSIG call transfer. A problem exists with the GF.

Action: Contact your technical support group.

BUG9238 QSIG call transfer. A pointer is invalid.

Action: Contact your technical support group.

BUG9239 A problem exists with the QSIG call transfer encoding and decoding.

Action: Contact your technical support group

BUG9258 An invalid state for incoming TWR1 call. Output data: trktn source tw_inc_pm.

BUG9259 The current maximum interface number was found to be invalid when using overlay 73 to add an interface to the D-channel list.

Action: Contact your technical support group

BUG9260 Itempointer is nil in TAIWAN_HANDLER.

BUG9262 This supervision type is not for Japan DID or CO.

BUG9263 The ACLI son call register is NIL.

BUG9265 Wireless Telephones ISM counter corruption encountered. Counter is reset to 0.

BUG9266 A problem occurred during QSIG Call Transfer.

Action: Contact your technical support group.

BUG9267 Procedure DV_CLEAR_FLAGS: NIL pointer passed.

BUG9271 VNS_END_OF_DIAL has detected an error. If the Return code is .VNS_SET_PTR_ERR then a System INI was prevented. The parameters are :

Return code TASK CRPTP if CRPTR is valid then VNS_TER_INDEX:CRPTR ORIGTN:CRPTR TERTN:CRPTR

VNS_ITEM and VNS_ITEMPTR If VNS_ITEMPTR is not nil then UTN:VNS_ITEMPTR ACTIVECR:UL_PTR:VNS_ITEMPTR VNS_TRUNK_FLAG:UL_PTR:VNS_ITEMPTR

CCBR: Customer Configuration Backup and Restore

CCBR Messages

CCBR0001 Invalid command.

Action: Check to make sure your data is correct and re-enter the command.

CCBR0002 Invalid argument.

Action: Check to make sure your data is correct and re-enter the command.

CCBR0003 Cannot get resource (pipe) for Ovl. 143.

Action: Try to load the overlay again. If the problem persists, contact your technical support group.

CCBR0004 Unexpected signal raised.

Action: Contact your technical support group.

CCBR0005 Bad answer for sysload confirmation.

Action: Check to make sure your data is correct and re-enter the command.

CCBR0006 Invalid response.

CCBR0007 Card 0 and port 0 must be used for the UPGRADE command.

Action: Check that the TTY configuration is correct or use the TTY that is configured in card 0 port 0 of the Option 11 system.

CCBR0020 A new keycode has been instantly activated.

CCBR0021 The new keycode cannot be validated for instant activation due to a hard drive read error.

Action: Perform a hard drive read/write test. Replace the IODU/C is the problem persists.

CCED: Core Common Equipment Diagnostic (LD 135)

CCED messages

CCED0000 No errors detected.

CCED0001 Invalid command.

Action: Check and re-enter the command.

CCED0002 Invalid device name.

Action: Check and re-enter the device name.

CCED0003 Extra arguments.

Action: Check the command and re-enter it.

CCED0004 Insufficient arguments.

Action: Check the command and re-enter it. You may need to be more specific (side and slot, for example).

CCED0005 That device is already enabled.

CCED0006 That device is already disabled.

CCED0007 Core side numbers can only be 0 or 1.

Action: Check and re-enter the command.

CCED0008 Invalid slot number.

Action: Enter a slot number 8-12

CCED0009 Specified device is not configured, and not responding.

Action: Configure the device using the appropriate overlay, and re-enter the command.

CCED0010 Specified device does not respond.

Action: Be sure the device exists, and re-enter the command.

CCED0011 Specified device is not configured.

Action: Configure the device using the appropriate Overlay, and re-enter the command.

CCED0012 Unable to make the transition to split mode. The test is aborted.

CCED0013 Performing diagnostics.

Action: Wait for test completions before continuing.

CCED0014 Test failed because the system is unable to enter Split mode.

CCED0015 Operation failed because the system is only recognizing 1 CPU.

CCED0016 Invalid operand.

CCED0017 Unable to restore redundancy.

Action: Wait for test completions before continuing.

CCED0018 Secondary side unable to complete test. Sysload the secondary CPU. This allows the primary CPU to re-synchronize disks.

CCED0020 Cannot enter Split mode when disks are not synchronized.

Action: Refer to LD 137 to re-synchronize disks.

CCED0021 Cannot perform SHDW command from CP running call processing.

CCED0022 Cannot use SHDW command without using the SPLIT command first.

CCED0023 Cannot perform TEST when primary SIMM is faulty. Switch Cores (SCPU) and try again.

CCED0024 Cannot perform TEST when secondary SIMM is faulty.

Action: Switch Cores (SCPU) and try again.

CCED0025 Command is not applicable to single CPU system.

CCED0027 Expansion Cabinet 'I' does not have survivable capability

CCED0028	Expansion Cabinet 'I' already in survivable mode.
CCED0029	Expansion Cabinet 'i' already in slave mode.
CCED0030	Cannot execute the command as IP link to cabinet 'I' is down.
CCED0031	Expansion Cabinet 'I' is in locked state.
CCED0032	Expansion Cabinet 'I' is already in a locked state.
CCED0033	Expansion Cabinet 'I' is already in a locked state.
CCED0034	Another LOCK/UNLOCK command is in progress. **Action:** Please wait.
CCED0100	Error clearing major alarm.
CCED0101	Unrecognized customer number. **Action**: Be sure to use the correct customer number and try again.
CCED0102 x	Unable to clear the alarm for customer x.
CCED0103	100 Base T hardware does not exist. **Action:** Check if Base T daughter board is plugged in properly.
CCED0200	CPU test failed. **Action**: Check the CP card.
CCED0201	SRAM test failed. **Action**: Check the CP card.
CCED0202	HPM test failed. **Action**: Check the CP card.
CCED0203	SRA test failed. **Action**: Check the CP card.
CCED0204	BIC test failed. **Action**: Check the CP card.
CCED0205	CMB test failed. **Action**: Check the CP card.

CCED0207 DUART test failed.

Action: Check the CP card.

CCED0208 TOD test failed.

Action: Check the CP card.

CCED0209 PEROM test failed.

Action: Check the CP card.

CCED0210 LCD test failed.

Action: Check the CP card.

CCED0211 ASIC ICC test failed.

Action: Check the CP card.

CCED0212 x SIMM number x failed self test.

CCED0213 Operation failed because the system is in maintenance mode.

CCED0214 Cannot switch Cores (SCPU) because the secondary Core is faulty.

CCED0215 Unable to perform switchover.

CCED0216 Unable to lockout graceful switchover possibility.

Action: Try again.

CCED0217 Cannot switch Cores (SCPU) because the core shelf resource is in use. A critical core shelf resource was being accessed when the SCPU command was entered.

Action: Try again.

CCED0218 Cannot switch Cores because the standby core resource has a fault. One of the standby IPB devices has a fault. Use the STAT CNI, STAT CPU, and STAT MEM commands to identify the fault.

CCED0219 Cannot switch Cores (SCPU) because the standby net resource has a fault. One of the network shelves has a fault. Use the appropriate overlays to identify.

CCED0220 Cannot switch Cores (SCPU) because the system is not in redundant mode. The system is currently running in single mode, so the SCPU command failed. Check the standby Core, CP to CP cables, and MAINT/NORM switches. Reset the secondary Core to restore redundancy.

CCED0221 Cannot SCPU because the memories are not synchronized.

Action: Wait and then try again.

CCED0222 x Fault found during SCPU. System returned to side x.

CCED0300 Invalid SIMM number.

CCED0304 Memory test successful. All secondary SIMMs enabled.

CCED0305 Memories are not synchronized.

Action: Wait and then try again.

CCED0400 Port numbers can only be 0 or 1.

CCED0401 Cannot disable the CNI when is active and in service.

CCED0402 The far end extender did not respond and cannot be enabled.

Action: Be sure the remote extender is available and try again.

CCED0403 Cannot enable the port when the card is disabled.

CCED0404 Cannot enable a port that does not have a group configured.

Action: Use LD 17 to configure a group before enabling this port.

CCED0405 Cannot test the CNI card that is active and in service.

CCED0407w x y z Cannot enable CNI card/port w x y because of reason z.

For CNI cards, w =side and x = slot. For CNI ports, w =side, x = slot, and y = port.

Reason z may be one of the following.

8 = Unconfigured CNI.

9 = Port has been disabled by craftsperson.

10 = Device is not accessible.

16 = CNI to 3PE cable 1 on specified card and port lost.

17 = CNI to 3PE cable 2 on specified card and port lost.

18 = 3PE power lost.

19 = 3PE has been manually disabled.

20 = CNI card has been manually disabled.

21 = Card test failed.

22 = Port test failed.

23 = INI disabled network.

24 = READY interrupt is stuck for this group.

25 = I/O interrupt is stuck for this group.

26 = LINE interrupt is stuck for this group.

27 = CNI maintenance interrupt is stuck for this group.

CCED0408 w x y Will attempt to enable CNI card/port at the next switchover. The CNI card or port has been noted as enabled. Because it resides on the standby side, it cannot actually be enabled until the standby side becomes active.

For CNI cards, w =side and x = slot. For CNI ports, w =side, x = slot, and y = port.

CCED0409 x x loopback data errors on the MSB. Check the CNI.

CCED0410 x y z Event interrupt 0 test failed.

Where: x = side (0-1)

y = slot (8-12)

z = port (0-1)

Action: Check the CNI.

CCED0411 x y z Event interrupt 1 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0412 x y z Event interrupt 2 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0413 x y z Event interrupt 3 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0414 x y z BIC test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0415 x y z Loopback address errors. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0416 x y z Loopback parity test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0417 x y z Loopback address parity invert errors. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0418 x y z Loopback data errors on LSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0419 x y z Loopback data errors on MSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0420 x y z Loopback data parity errors on LSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0421 x y z Loopback data parity errors on MSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0422 x y z Event interrupts occurring out of sequence. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0423 x y z Event interrupts lost. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0424 x y z Event interrupts timeout test. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0425 x y z Read strobe test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0426 x y z Write strobe test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0427 x y z a CNI port x y z a incorrect. Restored. Where: x = side (0-1), y = slot (8-12), z = port (0-1) and a = EI.

Action: Check the CNI.

CCED0428 x y z a CNI port x y z is in incorrect mode. Restoring to a mode. Where: x = side (0-1), y = slot (8-12), z = port (0-1) and a = mode.

CCED0429 x y z CNI port x y z remote device (3PE) is not accessible. Where: x = side (0-1), y = slot (8-12), and z = port (0-1).

Action: Check both connector ends of the CNI-3PE cable. Be sure the 3PE enable/disable switch is enabled. (up).

CCED0500 IPB IRQ test failed. This may indicate a failure on the CP card.

CCED0501 IPB master arbitration test failed. This may indicate a failure on the CP card.

CCED0502 IPB event interrupt failed. This may indicate a failure on the CP card.

CCED0503 x IPB backplane parity test failed.

Action: Contact your technical service support.

CCED0505 x Fiber hardware does not exist.

Action: Check if Fiber Daughter Board is plugged in properly.

CCED0506 Fiber pack failed loop back test.

Action: Check if the Fiber Receiver Pack and cable are installed properly. Might have to replace the Fiber Daughter Board.

CCED0507 Cabinet has not been disabled.

Action: LD32 and DISS the cabinet

CCED0508 The fiber pack has not been disabled.

Action: Disable the fiber pack.

CCED0509 Cabinet is out of range.

Action: Re-enter the cabinet number

CCED0760 Graceful switchover to side x requested.

CCED0761 Ungraceful switchover to side x requested.

CCED0762 Graceful switchover to side x completed. Previous graceful switchover at {time}.

CCED0999	LD 135 internal error in file {name} at line {number}.
CCED1021	Port number out of range.
CCED1022	IP link failed loop-back test.

CCR: Customer Controlled Routing

CCR messages

CCR0001 {link number} {hours} {minutes} {seconds} {length of output queue} {length of system input queue} {length of call process input queue}

CCR0002 Link congestion or slow response time detected on the CCR link. Cleaning up the link. Link cleanup completed.

CCR0003 The CDN is being switched to default mode because the CDN is unknown to the CCR application, or there is no call script defined. The operator is required to fix the problem and reset the CDN back to control mode if so desired.

CDM: Call Detail Recording Diagnostic (LD 40, LD 42)

The Call Detail Recording (CDR) feature outputs call records to a single, or multi-port, tape drive storage system. The tapes are processed to produce billing reports.

The CDM programs (LD 40 and LD 42) test the link and the external storage system. The CDM messages indicate problems with the CDR storage system and are output in response to commands issued in LD 42.

Some CDM messages contain the following output data. The hexadecimal number must be translated into a binary number (see **HEX**).

S = Status — This is the status of the CDR system. It contains 4-digit hexadecimal numbers. Each bit indicates the presence (1) or absence (0) of a fault.

bit 15—busy

bit 14—parity error

bit 13—multi-track error, bad preamble or postscript

bit 12—single track error

bit 11—tape mark detected

bit 10—identification burst detected

bit 9—not ready status

bit 8—tape is write protected

bit 7—load point

bit 6—end-of-tape

bit 5—rewinding

bit 4—off-line

bit 3—unexpected interrupt

bit 2—incorrect length

bit 1—read-back (echo) check failed

bit 0—timeout

U = Unexpected — This is any unexpected interrupts or faults. It contains 4-digit hexadecimal numbers. Each bit indicates the presence (1) or absence (0) of a fault.

bit 15—timer interrupt

bit 14—not-ready interrupt

bit 13—write warning

bit 12—read warning

bit 11—end-of-block

bit 10—not used

bit 9—ready interrupt

bit 8—queue won't fill

bit 7—position change but no load point or end-of-tape

bit 0-6—not used

F = Function — This is a fault condition. It contains 4-digit hexadecimal numbers. The last digit indicates the fault type as follows:

0—software status

1—write identification burst

2—write tape mark

3 —write data block

4 —read

5—read-back (echo) check

6—skip

7—erase gap

8—erase to end of tape

9—backspace

A—rewind

B—unload

C—terminate previous function

CDM messages

CDM0000 Call Detail Recording Diagnostic Program (LD 42) identifier.

CDM0001 Invalid command.

Action: Check and re-enter the command.

CDM0002 Invalid operand, too many operands or operand out-of-range.

Action: Check command and operands; re-enter.

CDM0010 Invalid operand, too many operands or operand out-of-range.

Action: Check command and operands; re-enter.

CDM0011 x Device x is not a link or it is disabled or unequipped.

Action: Use STAT N command to check state of device.

CDM0012 x The echo test failed on link x. If the CDR machine is running and indicates no unusual conditions in its maintenance display, then something in the communication channel between the SL-1 machine and CDR is faulty. It could be a faulty SDI, modem, cable or line, or the option plug on the SDI pack may be in the wrong position.

Action: If modems are involved, the fault may be isolated by setting the loop back switches (if present) and using the ECHO command to perform the ECHO test. Having isolated the fault as much as possible, the remaining equipment should be replaced one by one until the fault is cleared.

CDM0013 x Link x has timed out or it had a transmission error 3 times in a row. This message may occur in response to a command that requires communication between CDM and the CDR machine, or it may occur while CDM is trying to keep the CDR machine in maintenance mode.

The command requested was not performed because of a transmission error on the link. This will also occur if the CDR machine is not responding. Very occasional transmission errors are acceptable and should be ignored.

Action: Reissue the command. If the problem recurs, the ECHO command may be used to test the link. To check if CDR is responding, press the RESTORE button. The tape should move backwards a short distance then forward again.

CDM0014 This command may not be issued unless the PORT command has been used to set the port to which it applies.

CDM0015 Invalid hexadecimal digit was output.

CDM0016 This command is only permitted from a TTY.

Action: Login on a TTY to use the command.

CDM0017 x Maintenance request was rejected by item at end of link x.

Action: See the description of CDR maintenance mode in LD 40,42. Either maintenance mode timed out and hence CDR is no longer in maintenance mode.

If it occurred when the GET command was issued, the device at the end of the link is not a CDR machine. If the device is not a CDR machine, then CDM may not be used to perform maintenance on it except for the ECHO command.

CDM0018 Maintenance mode is already set. The command is ignored.

CDM0019 This command cannot be issued unless maintenance mode is set.

Action: See the description of maintenance mode in LD 40,42.

CDM0020 The device is not of the type specified or the device is not equipped.

CDM0021 Device is already enabled.

CDM0022 The device did not respond.

Action: Check that the address switches are set correctly and that the pack is enabled. Otherwise, the pack is faulty.

CDM0023 The device has a permanent interrupt. The pack is probably faulty.

CDM0024 You have attempted to disable the TTY you are using.

Action: Log onto another TTY or use a maintenance SL-1 telephone to disable the TTY.

CDM0025 Unable to obtain CDR call register. The LINK was not enabled.

Action: Retry command. If problem persists, call registers have been lost or system is under-engineered.

CDM0026 x s u The tape unit is not ready, off-line or rewinding on link x.

Action: Correct the problem and retry the command. If none of the above caused the message, a fault is indicated in the QPC130 CDR Tape Control pack, cables or tape unit. See Summary for output codes.

CDM0027 x s u The tape did not rewind correctly on link x. The fault is in the tape, QPC130 pack, cables or tape unit. See Summary for output codes.

CDM0028 x Write protect status was returned on link x.

Action: Ensure that the write enable ring is installed and that the write enable light on the drive is lit. If the problem persists, suspect a fault in the QPC130, cables or tape drive.

CDM0029 x s u The write ID burst function failed on link x.

Action: Retry the command. If the problem persists, the drive may need cleaning or a fault is indicated in the tape, QPC39 Timing pack, QPC130, cables or tape drive. See Summary for output codes.

CDM0030 x s u Erase gap function failed on link x. The drive may need cleaning or a fault is indicated in the tape, QPC39, QPC130, cables or tape drive. See Summary for output codes.

CDM0031 x s u Load point status was returned when it should not have been. This problem could be caused by an extra or damaged load point marker on the tape.

Action: Repeat the test with a different scratch tape. If the fault persists, suspect he QPC130, QPC39, cables or tape unit. See Summary for output codes.

CDM0032 x s u EOT status was returned by the tape unit when it should not have been. An extraneous EOT marker may be on the tape.

Action: Retry command with a different tape. If the problem persists, a fault is indicated in the QPC130, cables or tape drive. See Summary for output codes.

CDM0033 x s u An unexpected interrupt occurred on link x. The fault could be in the tape, QPC39, QPC130, cable or tape drive. See Summary for output codes.

CDM0034 x s u The function timed out on link x. The fault could be in the tape, QPC39, QPC130, cables or tape drive. See Summary for output codes.

CDM0035 x p h s r This is the number of each type of error that occurred during the test command on link x. If all the counts are zero, the test passed.

p = parity. Parity errors should almost never occur. They indicate an error in the transmission of data between the tape unit and the interface pack. Retry the commands. If the errors persist the fault is in the QPC130, the cables connecting the interface to the drive or the tape drive.

h = hard write. These errors should almost never occur. They indicate severe problems. Retry the command. If the errors persist, a fault is indicated in the tape, QPC130, QPC39, cables or tape unit.

s = soft write. Occasional soft write errors are acceptable. These are usually caused by faults on the tape or a dirty drive. If the problems persist after cleaning the drive and ensuring that a good tape is being used, the fault is probably in the QPC39, QPC130, cables or tape drive.

r = read. These errors are about as serious as soft write, and usually have the same causes.

CDM0036 x s u — ID burst detection failure. When the tape was read, the ID burst was not found where it was expected.

Action: Retry the command. If the trouble persists, the fault is in the tape, QPC39, QPC130, cables or tape drive. See Summary for output codes.

CDM0037 x — CDR machine attached to port x is in maintenance mode for some other SL-1 machine.

Action: The GET command will not work until the other SL-1 frees the CDR machine from maintenance mode. Wait for the CDR machine to be freed from maintenance mode by the other SL-1.

CDM0038 — ENL SL1 M and DIS SL1 M commands are invalid for single-port CDR machines.

CDM0039 — ENL SL1 M and DIS SL1 M commands are invalid for 8K CDR machines.

CDM0040 — ENL SL1 M failed to enable the requested SL-1 port on the multi-port CDR machine.

Action: Check to make sure that M corresponds to the device address switch setting on the new QPC139 port. Check the maintenance display (if any) on the CDR machine. The SL-1 may not be connected to the CDR port indicated by the CDR maintenance display.

CDM0041 — DIS SL1 M may have failed to disable the requested SL-1 port on the multi-port CDR machine. Retry the command. If the problem persists, there may be a software problem.

CDM0042 — Use LD 37 to enable/disable TTY user of APL, CMC, HSL, or LSL.

CDM0043 — Use LD 48 to enable/disable ESDI port.

CDM0044 — Use LD 37 to enable/disable PMS link.

CDM0101 x — Program was unable to get diagnostic information from CDR link x. The link timed out or had a transmission error 3 times.

Action: Use ECHO test to check link. See comments for CDM013. Minor alarm lamp lit on attendant console.

CDM0102 x c e — More than 5 percent of the writes that have been attempted since counts were reset have encountered write errors. Where: c = number of blocks written; e = number of errors occurred.

Action: If write is being successfully written, suspect the tape or intermittent drive fault. If problem continues to occur, the tape heads should be cleaned or the tape changed. Note that with more than 5 percent write errors on the whole tape, the tape will encounter EOT before the 90 percent full indicator is set.

If the tape is not being successfully written, it may have to be unloaded. Refer to the tape fault-clearing procedures.

CDM0103 x t p r Indicates number of TM errors t, parity errors p, and RBC errors r, that have occurred since the counts were reset. This message is printed if one of the counts is nonzero. TM errors indicate possible drive or tape faults.

Action: Clean tape heads and change tape. If problem persists, refer to the tape drive fault-clearing procedures.

Occasional occurrences of this message with small numbers are acceptable. If the numbers are large or the message occurs regularly, a fault is probably present.

Parity errors and RBC errors both indicate drive or interface faults. Replace the QPC130 Tape Interface and/or the cables. If problem persists, tape drive is faulty.

CDM0104 x Tape is 90 percent full on link x. 11,000 blocks have been written onto the tape. (This only occurs with 2400-foot tape reels.)

Action: Change tape.

CDM0105 x Over-temperature has been detected in the CDR cabinet on link x. The CDR machine may be in too warm a location. Minor alarm lamp lit on attendant console.

CDM0106 x Fan failure has been detected in the CDR cabinet on link x.

Action: Check CDR fan operation and filter. Minor alarm lamp lit on attendant console.

CDM0107 x End-of-tape (EOT) was encountered by the drive on link x. The tape has been

Action: Change tape.

CDM0108 x Error counts could not be reset after 3 tries, i.e., counts may not be accurate for the next time the CDR runs. This message should be treated the same way as CDM101. Minor alarm lamp lit on attendant console.

CDM0109 x The system ID could not be set after 3 tries on link x. The system ID on the tape may be incorrect. Message should be treated the same way as CDM101. Minor alarm lamp lit on attendant console.

CDM0110 t l — Some call records in SL-1 machine have been lost. The total (t) is the number of records created since the counts were reset; and lost (l) is the number that were not recorded. If a CDR port (link or TTY) is disabled, that is probably why the records were lost. If not, the system does not have enough call registers.

CDM0111 x t f — ECHO test has failed (f) times out of tries. Message should be treated the same way as CDM012.

CDM0112 x — CDR link x is disabled so that the automatic tests were not performed. Minor alarm lamp lit on attendant console.

CDM0113 x — An initialize occurred in the CDR on link x. Refer to CDM118.

CDM0114 x — CDR tape drive is in disabled state. No calls are being recorded on tape. Act immediately to minimize number of lost call records.

Action: If drive has had a power failure or if there is a fault code on the CDR maintenance display, see 553-2631-510.

If tape is unloaded, send tape for processing and mount new tape. Press LOAD button. Respond to any fault codes. Attempt to make the drive ready for use by pressing the RESTORE button. Respond to any fault code.

CDM0115 x — Echo test failed. Link did not finish output.

CDM0116 — Program tried to run for more than 20 min. Probably indicates software fault but could also occur if a large number of links are equipped on the system and have faults.

CDM0117 x r — CDM was loaded automatically for fault reason r on link x. The reasons are:

a) CDR has detected a fault and requested service

b) the error threshold on link was exceeded

c) LD 40 was loaded manually

CDM0118 x c fp fa pg pc — This message indicates that an initialize occurred in the CDR machine.

Where c = the cause:

8000 response time-out

4000 write protect violation

2000 watchdog timeout

1000 parity error

0800 software trap

0400 power reset

0000 unknown cause.

c may also contain the value of the CDR maintenance display in the right-most 2 digits. See HEX.

That there can be more than one cause for a trap resulting in a error code which is the hexadecimal sum of those shown.

fp = fault page

fa = fault address

pg = page

pc = program counter.

CDM0119 x Link x is disabled and therefore the automatic diagnostics were not performed for it. Minor alarm lamp lit on attendant console.

CDM0120 x c e This message should be treated as CDM102.

Where:

c = the number of blocks written

e = the number of errors that have occurred.

CDM0121 x m n t l Fault statistics on link x

Where:

m = number of different messages processed

n = number of messages not correctly received by CDR

t = the number of messages that timed out at the SL-1

l = number of messages that failed the retransmissions

These counts are reset whenever Overlay 40 is loaded or when the ENL LINK N command is used from Overlay 42. The error message is output only if n or t is nonzero.

Occasional {naks} and {time-outs} counts that do not cause lost messages are probably the result of transient noise on the link and they may be ignored. If messages are being lost, suspect a link fault.

Action: Use ECHO command to test the link.

CDM0122 x s1 u1 f1 s2 u2 f2 s3 u3 f3 Provides statistics for the last 3 tape functions which had errors on link x.

Action: If any other error codes are output, then respond to them. If this is the only error code, then suspect QPC39, QPC130, connecting cables or tape unit to be at fault. See Summary for output codes s u and f.

CDM0123 x	The device attached to port x is not a Nortel Networks single-port or multi-port CDR machine. If this error occurs with a standard CDR unit, a software problem may be indicated.
CDM0124 x	During the running of the midnight routines, an attempt to clear accumulated data for this port from memory to tape failed 3 times on link x. Data may remain in memory. **Action**: This should be treated like CDM101.
CDM0125 x	A software fault in the CDR link x has occurred.
CDM0126 x m	Because of insufficient memory space, the CDR machine x had to discard m data messages. The discard may occur if the tape drive spends too long not writing. For example, replacing a tape during a period of heavy traffic could cause some data to be lost unless the replacement is executed quickly.
CDM0202	This command is not applicable to the TTY for MSDL, or CPSI cards, and option 81 PTY type.
CDM0203	Failed to setup the global pointers to the SDI data structures.
CDM0204	Failed to setup the global pointers to the MSDL data structures.
CDM0205	The MSDL card is not enabled and operational. Therefore the TTY/LINK cannot be enabled. **Action**: First enable the MSDL card.
CDM0206	The PSDL failed to download the SDI application to the MSDL card. As a result the enable command is not executed.
CDM0207	The enable SDI application response did not arrive from the MSDL card. As a result the enable command is not executed.
CDM0208	The msdl_sdi_maint failed to execute the outgoing request command. As a result the enable command is not executed.
CDM0209	The enable confirm did not arrive from the MSDL command. As a result the enable command is not executed.
CDM0210	The SDI state machine is in an unexpected state. As a result the enable command is not executed.
CDM0211	Cannot disable the MSDL TTY port. Try the disable command again.
CDM0213	Cannot use “DIS TTY #” to disable STA administration terminal.

CDM0214	Cannot use “ENL TTY #” to enable STA administration terminal.
CDM0900	A software fault has occurred in CDM or CDMA. **Action**: Retry the command if Overlay 42 is being used.

CDN: Control DN

CDN messages

CDN0001 The specified CDN was put to *** Revert to Default process *** by an application on the Link#. The format of this message is: CDNxxxx Link# CDN# Hour Minute Second.

CDN0002 The specified CDN was put to control mode by an application on the Link#. The format of this message is: CDNxxxx Link# CDN# Hour Minute Second.

CDN0003 The specified CDN was put to Default mode by an application on the Link#. The format of this message is: CDNxxxx Link# CDN# Hour Minute Second.

CED: Common Equipment Diagnostic (LD 35)

The Common Equipment Diagnostic (LD 35) program is used to maintain the Central Processing Unit (CPU) and related cards. It can be run in background, during the daily routines, or loaded manually to enter commands. Problems are reported by CED messages.

CED messages

CED0000 No errors detected.

CED0001 Invalid number of characters in command.

Action: Check and re-enter the command.

CED0002 Invalid character in command.

Action: Check and re-enter the command.

CED0003 Invalid command.

Action: Check and re-enter the command.

CED0004 Incorrect number of arguments.

Action: Check and re-enter the command.

CED0005 Invalid argument.

Action: Check and re-enter the command.

CED0010 Memory number out of range. Allowable range depends on system type.

Action: Check number and re-enter code.

CED0011 The specified card is active and may not be tested.

CED0012 Memory test on specified card failed. Probable fault on memory card. If fault persists after card replaced, then suspect following cards:

1. Memory cards
2. Changeover and Memory (CMA) card
3. Miscellaneous (MISC) card.

CED0013 Memory test on specified card failed. Probable fault on memory card. If fault persists after card replaced, then suspect the following cards:

1. Memory cards
2. Changeover and Memory (CMA) card
3. Miscellaneous (MISC) card.

CED0014 Watchdog timer failed to time out. Probable fault on MISC on active CPU.

Action: Replace the MISC card. If the fault still persists, replace the CPU card, Function (FN) or Interface (IF) card.

CED0015 Memory card passed test but is not in configuration record.

Action: If module is supposed to be in the system, check the configuration record.

CED0016 The specified spare is not on the active CPU and may be tested.

CED0017 Spare number must be 0 or 1.

CED0021 The spare R/W memory is not switched in for the card you wish to replace.

CED0022 The spare R/W memory card is being used by the system.

CED0023 The card number of the spare is not between 32 and 47 inclusive.

CED0024 Memory card could not be enabled because soft memory failure threshold was exceeded. Response to ENL N command.

CED0030 The extender cannot be enabled since it already is enabled.

Action: Check and re-enter the command.

CED0031 The near-end extender did not respond and therefore cannot be enabled. Suspect a faulty near-end extender.

CED0032 The far-end extender did not respond and therefore cannot be enabled. Suspect a faulty far-end extender. The near-end extender may be faulty as well.

CED0033	The extender to the Intergroup Switch (IGS) via and the Junctor is not a Segmented Bus Extender (SBE) and therefore cannot be enabled. **Action**: Check and re-enter the command.
CED0034	The extender to the IGS via the Junctor did not respond and therefore cannot be enabled. Suspect a faulty extender.
CED0035	SBE is not configured.
CED0036	SBE is already disabled.
CED0037	SBE is unequipped or is equipped and disabled.
CED0038	SBE enabled but not configured.
CED0039	SBE could not be enabled.
CED0050	Specified customer does not exist. **Action**: Check the number. Re-enter the command.
CED0059	System does not have two CPUs.
CED0060	CMA card did not respond. Probable fault on CMA card associated with nonactive CPU.
CED0061	A CE bus is disabled. The CPU cannot be changed. Probable bus fault. **Action**: Use Maintenance Tape to clear.
CED0062	A spare has replaced a disabled card.
CED0063	CPU changeover disallowed because the associated Peripheral Signaling (PS) card providing the real time clock is disabled. **Action**: Use LD 32 to enable the PS card before using SCPU.
CED0065 x	Cannot TCPU or SCPU when acting CPU is in maintenance mode. In this case, x indicates the inactive CPU, or: CPU x has failed (minor alarm lamp lit on attendant console). **Action**: Suspect CPU cards or CE extenders between CPUs.
CED0066	CPU is in maintenance mode and an attempt is made to TCPU or SCPU in LD 35. Changeover card did not respond. Faulty CMA card on nonactive CPU.
CED0067	Changeover card did not respond. Requested function could not be performed. Faulty CMA card.

CED0068 Only extenders on the idle CPU may be enabled or disabled.

CED0069 Extenders not equipped.

CED0070 Cannot perform CPU changeover because some loops, PS cards or Intergroup Switch cards do not work on the other CPU. An extender fault on the second CPU is suspected.

Action: Use the STAT EXT command to determine which one.

CED0071 Cannot switch CPUs because some memories do not work on the other CPU. Suspect CMA card.

CED0072 Cannot switch CPUs because spare memory is faulty. Suspect CMA card.

CED0073 Cannot perform CPU changeover because the tape interface on the other CPU does not work. Minor alarm lamp lit on attendant console.

CED0074 Cannot switch CPUs because the other CPU has a stuck interrupt or faulty real time clock. Minor alarm lamp lit on attendant console.

CED0075 Cannot switch CPUs because the other CPU is faulty. Minor alarm lamp lit on attendant console.

CED0080 xx Spare memory card number xx has failed.

CED0081 x The spare R/W memory on CPU x failed the daily memory test (SL1M). The spare 16K memory failed the daily checksum verification test on the spare chip row.

CED0082 No attempt was made to perform CPU changeover during midnight routines because of an uncleared fault. Minor alarm lamp lit on attendant console.

CED0083 The spare on the CPU that was active at the time of test, failed daily memory test.

CED0085 The shelf number is not zero or one.

Action: Check data and re-enter the command.

CED0086 The shelf memory decode test failed. Test each Memory card individually using the MEM command.

Action: If all cards work but consistently fail the SHLF test, suspect the CMA or Memory cards.

CED0087 No test was performed as no cards are disabled on the specified shelf.

Action: Check the data and re-enter or disable the cards to be tested on the shelf.

CED0088 The memory card may not be enabled as the associated CMA card is not.

Action: Use the ENL CMA command to enable the CMA.

CED0089 The CMA may not be disabled because the associated memory is not disabled.

Action: Use the DIS command to disable all the associated memory.

CED0090 You are not allowed to enable modules between 32 and 47 except spares.

CED0091 The module is already enabled.

CED0092 The module is not equipped and therefore cannot be enabled.

CED0093 The card is a spare which has been used to replace a faulty card.

CED0094 The card has failed the memory test. See CED013.

CED0095 The spare QPC30 card is required by the system. This module contains programs and may only be enabled by the REP command or a system reload.

CED0096 The card may not be disabled because the corresponding card of the redundant configuration is disabled.

Action: Enable the corresponding card.

CED0097 The CMA number is not 0 or 1.

Action: Check the number and re-enter.

CED0098 The CMA on the active CPU may not be enabled or disabled.

Action: Use the SCPU command to perform CPU changeover so that the CMA is no longer on the active CPU.

CED0099 The CMA failed to respond and therefore may not be enabled. Suspect a faulty CMA. The CMA on the active processor may also be faulty.

CED0100pg cpu xxxx The read and write Memory Trouble Register (MTR) bits were different. The card will be disabled. Suspect CMA card. (See note after CED207)

CED0101pg cpu xxxx Memory unequipped but MTR not set. The MTR will be written to disable the card. If the memory is not equipped, suspect CMA card. (See note after CED207)

CED0102 mem cpu xxxx The card should have been disabled but the MTR said it was enabled.

Action: Replace the faulty card. (See note after CED207)

CED0103 mem MTR xxxx The indicated memory card has failed and is disabled. The card indicated may be faulty.

MTR = Memory Trouble Register, 0-15 (one MTR is allocated for every 256K of memory).

Action: Test the card manually using LD 35. The card should be replaced and returned only after failing this test.

If LD 35 is part of the midnight routines, the card is tested automatically. If the CED103 message continues with random memory failure, a faulty CMA card may be the cause. Replace faulty CMA card. (See note after CED207)

CED0104 cma cpu 0000 The specified CMA failed to respond. The CMA that failed to respond is probably faulty.

cma - the CMA that failed

cpu - the active CPU when the fault occurred

0000 - always 0000

CED0105 cpu count Invalid interrupts are occurring. Possible fault occurs on both CPUs, suspect a faulty card on a network shelf. (See note after CED207)

CED0106 p la ha Soft memory failure has been recorded against memory card p. The number of failures now recorded against the low address range of the card (la) and the number of failures now recorded against the high address range (ha).

CED0107p la ha Hard memory failure has been recorded against memory card p because the fault count has exceeded the hard failure threshold. The current number of failures now recorded against the low address range of the memory card (la) and the high address range (ha).

CED0108 p Single bit fault on memory card p.

CED0109 p Memory fault on card p.

CED0110 Upper write protect boundary is incorrect.

Action: Choose the hardware value. Perform a parallel sysload.

CED0111 Upper write protect boundary is incorrect.

Action: Choose the software value. Perform a parallel sysload.

CED0112 Both hardware and software upper write protect boundaries are incorrect.

Action: Perform a parallel sysload.

CED0113 Hardware lower write protect boundary is incorrect.

Action: Perform a parallel sysload.

CED0114 Upper write protect boundary is incorrect.

Action: Choose the hardware value. Perform a parallel sysload.

CED0115 The masked software upper write protect boundary value falls below Z_SOFT_P_BND. Attempting to correct value by adding 4K.

CED0116 Updated value exceeds the Z_SOFT_U_BND. Attempting to determine the high write protect boundary from the linked list.

CED0117 FATAL: Invalid write protect boundaries. Attempts to correct boundaries failed. Perform parallel sysload immediately.

CED0200 p1 p2 pn The CED found those cards listed as disabled or partially disabled (some segments within the card disabled) during the midnight routines.

Action: Disable the card and perform a memory test.

CED0201 cpu pg ddr pf sf A memory failed while the primary and secondary were being compared. Failed memory location is indicated by pg addr and type of fault is indicated by prime fault (pf) and secondary fault (sf). These fields contain the same data as the fault code field 1 in the INI000 message (see INI error codes). The failed card should be replaced. (See note after CED207)

CED0202 cpu pg addr pd sd The data in the primary (pd) and secondary (sd) differed at the specified address. This error can result when a double bit error occurs in a word in a memory.

If the fault occurred in a data store, CED will cause a code 0012 initialize to clear up the data. If a CED203 occurs for the same page, the primary is suspect. Otherwise suspect the secondary.

If the fault occurred in a protected data store or firmware store and the contents of the primary module are correct (i.e., checksum successful) the primary will be copied into the secondary. (See note after CED207)

CED0203 cpu pg The checksum failed on the specified page. This means that program or data stored in the memory is incorrect.

If the page is protected data store, data dump will be inhibited because the integrity of the data cannot be guaranteed. (See note after CED207) If the page is a protected data page, data dump may be prevented. See LD 43, message EDD016 for further information.

CED0204 cpu memory The memory card was tested at midnight and failed.

Action: The card must be replaced. (See note after CED207)

CED0205 cpu mem The memory card was tested at midnight and passed. The card was enabled. If the secondary was disabled, an attempt will be made to enable it. The card may have an intermittent fault.

Action: If the problem persists, replace the card. (See note after CED207)

CED0206 cpu cma The CMA failed when the midnight routine tried to enable it. No further memory testing will be done.

Action: Replace the CMA, the inter-CMA cable or the other CMA. (See note after CED207)

CED0207 cpu cma The CMA was successfully reenabled by the midnight routine. Interpretation of data accompanying CED100 to 207 is as follows:

pg = the page that had the problem. This problem could be in the card on shelf 0 or 1. PG is only printed for NT, RT, and XT systems. The pg information can be ignored.

addr = address of the fault.

cma = Changeover and Memory Arbitrator card

cpu = CPU that was active when the problem occurred

count = number of invalid interrupts which have occurred in the last 30s

memory = memory card that had the fault

xxxx = m1m2m3m4

Where:

m1m2 = old contents of Memory Trouble Registers (MTR) for the page

m3m4 = new contents of MTR for the page.

CED0300 Temporary module is not equipped or is faulty.

CED0301 Replaced module is not equipped or is faulty.

CED0302 Specified module has not been spared. One of the system memory modules is faulty.

CED0303 Spare is disabled.

Action: Replace module 0.

CED0304	Spare is in use.
CED0305	Spare failed memory test. **Action**: Replace module 0.
CED0306	The specified module has not been replaced by the temporary module.
CED0307	The temporary module is in use.
CED0401	Cannot determine which CPU is active.
CED0402	System Clock must be switched before proceeding.
CED0403	The specified System Clock Generator (SCG) is out of range.
CED0404	The specified System Clock Generator (SCG) is not responding.
CED0405	The specified System Clock Generator (SCG) is already enabled.
CED0406	The idle CPU must be switched in as the active CPU before proceeding with the command.
CED0407	Intergroup Switch is out-of-range.
CED0408	Intergroup Switch is not responding.
CED0409	The specified Intergroup Switch is already enabled.
CED0410	Only one DISI IGS is allowed at a time.
CED0411	DISI IGS command is completed.
CED0412	System Clock c cannot be switched to replace the presently active clock.
CED0450	Invalid command for SL-1 SN or ST.
CED0502	That command is only valid for system Option 21 with X11 Release 18 and later.
CED0503	Battery test failed. Install a new MSPS card or replace the battery.
CED0504	Battery not configured. If a battery is present on the MSPS (NTND02BA) then set LD 17 prompt BATT to Yes before doing BATT test.
CED0505	That command is not valid for system Option 21.

CIOD: Core Input/Output Diagnostic (LD 137)

The message output format is: CIOD x y z, where: x = side, y = card and z = port

CIOD messages

CIOD0000	Overlay Program 137 has been loaded.
CIOD0001	Invalid command.
CIOD0002	Invalid argument.
CIOD0003	The device number is out-of-range. Enter 0 or 1.
CIOD0004 x	HDK x test failed. The hard disk on CMDU x failed the test. **Action:** Try the test again. If it fails three times, the CMDU needs to be replaced. Contact your technical support group.
CIOD0005	The requested device cannot be accessed due to a software error.
CIOD0006	That device is already enabled.
CIOD0007	That device is already disabled.
CIOD0008 x	FDK x failed. The floppy disk on CMDU x failed the test. **Action:** Try the test again. If it fails three times, the floppy drive needs to be replaced. Contact your technical support group.
CIOD0009	Failed to disable device.
CIOD0010	Related data (CMDU status) is mismatched due to a software error.

CIOD0011 IOP test failed. See fault reporting for the reason for the failure.

CIOD0012 x Cannot access CMDU x because the system is in split mode. System must be redundant before attempting this command.

CIOD0013 The CMDU number is required.

Action: Enter 0 or 1 to indicate which device.

CIOD0014 RDUN test failed because the disk contents are not synchronized.

Action: Be sure to synchronize disks before attempting RDUN.

CIOD0015 ENL command failed, and device cannot be enabled, because it cannot be accessed.

Action: Be sure device is enabled and cables are connected.

CIOD0016 RDUN command failed because the disk redundancy is in disabled state.

Action: Enable the disk redundancy before using the RDUN command.

CIOD0017 SYNC command failed because the disk redundancy is in enabled state.

CIOD0018 SYNC command failed because of a software mismatch.

Action: Contact your technical support group.

CIOD0019 SYNC command failed.

Action: Refer to fault reporting for the reason for the failure.

CIOD0020 SYNC command failed because there is no system resource available at this time.

Action: Try again later.

CIOD0021 xx SYNC in progress. XX% complete. This is a status message. Synchronization may take a long time. This message helps indicate how far along the synchronization is.

CIOD0022 xxxx yy CABLE yy is loose, or CMDU yy is inaccessible. The SCSI test was performed successfully on both sides. The test failed because of a loose cable or inaccessible CMDU. Whichever is applicable is printed.

xxxx may be CABL or CMDU:CABL yy means that a cable is loose, or the status is unknown because both CMDUs are inaccessible.

CMDU indicates that the CMDU is inaccessible.

CIOD0023 Unable to switch to inactive CP. The current CP remains active. The SCSI test was performed on the active side only, and the switchover attempt failed. Refer to CIOD024 for active side information.

CIOD0024 xxxx yy This message is associated with CIOD0023 message to display the cable status and CMDUs accessibility on the active side. The test had failed due to either cable is loose or inaccessible CMDU(s). If CMDU on the inactive side is inaccessible, it could be either CMDU is inaccessible or the cable between IOPs is loose.

XXXX may be CABL or CMDU. The text string is variable in length and is depending on the parameter list of the failure components. CABL yy indicates cable might be loose which requires further investigation. CMDU yy indicates which CMDU is inaccessible, if applicable.

CIOD0025 Unable to switch back to active CP. The SCSI test was performed on both side, but the system cannot return to the original active CP. The inactive CP is now active. Refer to CIOD026 for status.

CIOD0026 xxxx yy This message displays cable status and CMDU accessibility for both sides due to the inability to switch back to the original active CP.

XXXX can refer to CABL, or CMDU. Output may be one of the following:

CMDU yy indicates which CMDU is inaccessible.

CABL yy means the cable is loose, or the status in unknown.

CIOD0027 SCSI test failed because an invalid address was detected for SCSI address 6 or 7.

Action: Check the drive and address.

CIOD0028 No resource is available for overlay input processing.

Action: Try again later.

CIOD0029 Both CMDUs are disabled.

Action: Enable a CMDU.

CIOD0030 Disk redundancy (RDUN) file level check failed. The CMDU and/or disk redundancy cannot be enabled.

CIOD0031 Abort delayed because a critical write is in progress. The abort will be delayed until the write is complete.

CIOD0032 **Action:** To issue this command, the IOP must be enabled.

CIOD0033 **Action:** To test the IOP, it must be disabled.

CIOD0034 **Action:** To perform the Read/Write test, the CMDU must be enabled.

CIOD0035 That response is not allowed for this prompt.

Action: Check the desired response and try again.

CIOD0036 xx Read test in progress. XX% complete. This is a status message output during an exhaustive read test. This test may take a while, so this message helps keep track of the status.

CIOD0037 xx Synchronization sector check in progress. XX% complete. This is a status message output during the check. This test may take a while, so this message helps keep track of the status.

CIOD0038 Card ID cannot be read.

Action: Reseat or replace the card.

CIOD0039 SYNC command failed because both CMDUs are disabled.

CIOD0040 x Cannot access CMDU x.

Action: Be sure it is enabled, and check cabling.

CIOD0041 x Unexpected signal x raised, interfering with LD 137.

Action: Contact your technical service support.

CIOD0042 Synchronization failed because the system is in split mode.

CIOD0045 To issue the SWAP command, disk redundancy must be enabled.

CIOD0046 Unable to lockout graceful switchover possibility. The switchover was performed while the maintenance command is in progress.

CIOD0100 Valid cable loss. Store current CMDU states.

CIOD0101 SCSI cable reconnected. Cannot restore CMDU states because the IOP is disabled.

Action: Re-enable IOP in LD 137 (ENL IOP, ENLT).

CIOD0102 CMDU states previously stored when IOP was disabled.

CIOD0103 x CMDU x hard disk inaccessible. Cannot restore to standby.

Action: Be sure CMDU power is on, and check IOP to IOP cables.

CIOD0104 x	CMDU x hard disk inaccessible. Cannot restore to active. **Action:** Be sure CMDU power is on, and check IOP to IOP cables.
CIOD0105 x	CMDU x cannot delete hard disk test file.
CIOD0106 x	CMDU x cannot delete floppy disk test file.
CIOD0107	No floppy disk in drive.
CIOD0108	Floppy disk not formatted.
CIOD0109	Floppy disk is Write Protected. **Action:** Be sure the write protect tab is closed.
CIOD0110 x	SCSI cable missing, both CMDUs are disabled. **Action:** Check both ends of the IOP to IOP cables.
CIOD0111 x	Valid cable reconnect. Attempting to restore CMDU states.
CIOD0112	Invalid cable loss. Multiple loss messages, states not stored.
CIOD0113	Invalid cable loss. CMDU accessible, states not stored.
CIOD0114 x	CMDU x hard disk has insufficient memory for quick read/write test.
CIOD0115 x	CMDU x floppy disk has insufficient memory for quick read/write test.
CIOD0116 x	CMDU x hard disk cannot open file for quick read/write test.
CIOD0117 x	CMDU x floppy disk cannot open file for quick read/write test.
CIOD0118 x	CMDU x could not read card ID.
CIOD0119 x	CMDU x floppy disk cannot create quick test file.
CIOD0120 x	CMDU x hard disk cannot create quick test file.
CIOD0121 x	CMDU x hard disk input buffer malloc err: quick test.
CIOD0122 x	CMDU x floppy disk input buffer malloc err: quick test.
CIOD0123 x	CMDU x is disabled due to fault monitoring. **Action:** Test and, if necessary, replace the CMDU.
CIOD0124 x	CMDU x is disabled because IOP to IOP cable loss.

	Action: Check both ends of the cable.
CIOD0125 x	CMDU x is disabled because the IOP is disabled. **Action:** Re-enable the IOP from LD 137 (ENL IOP, ENLT).
CIOD0126 x	CMDU x is disabled. Active CP cannot access Standby CMDU because system is in split mode.
CIOD0127 x	CMDU x disabled because of exiting Split mode. The standby CMDU remains disabled.
CIOD0128	CMDU x disabled because of a hardware/software mismatch. **Action:** Re-enable CMDU from LD 137.
CIOD0129 x	CMDU x disabled because it could not access the hard disk. Be sure CMDU power is on. **Action:** Check both ends of the IOP to CMDU SCSI cable.
CIOD0130 x	CMDU x disabled because of a software mismatch. **Action:** Re-enable CMDU from OVL 137 (ENL CMDU 0/1).
CIOD0131 x	CMDU x restored to standby because the IOP was enabled.
CIOD0132 x	CMDU x restored to active because the IOP was enabled.
CIOD0133 x	CMDU x restored to standby.
CIOD0134 x	CMDU x restored to active.
CIOD0135 x	CMDU x is standby due to switchover.
CIOD0136 x	CMDU x is active due to switchover.
CIOD0137 x	CMDU x is standby due to warm start.
CIOD0138 x	CMDU x is active due to warm start.
CIOD0139 x	CMDU x is standby due to cold start.
CIOD0140 x	CMDU x is active due to cold start.
CIOD0141 x	CMDU x is disabled because it cannot access the hard disk due to cold start. **Action:** Be sure CMDU power is on, and cables are in place.

CIOD0142 x	CMDU x is disabled because it cannot access the hard disk due to warm start. **Action:** Be sure CMDU power is on, and cables are in place.
CIOD0143 x	CMDU x is disabled because it cannot access the hard disk due to switchover. **Action:** Be sure CMDU power is on, and cables are in place.
CIOD0144 x	CMDU x is active due to cold start (was on standby).
CIOD0145 x	CMDU x is active due to warm start (was on standby).
CIOD0146 x	CMDU x is active due to switchover (was on standby).
CIOD0147 x	CMDU x is active due to fault monitoring (was on standby).
CIOD0148 x	CMDU x is disabled because system cold started in split mode.
CIOD0149 x	CMDU x is disabled because system warm started in split mode.
CIOD0150 x	CMDU x is disabled because system has switched over into split mode.
CIOD0151 x	Cannot restore CMDU x to standby state because system is in split mode.
CIOD0152 x	Cannot restore CMDU x to active state because system is in split mode.
CIOD0153 x	CMDU x active due to IOP enabling (was standby).
CIOD0154 x	CMDU x active due to SCSI cable reconnection (was on standby).
CIOD0155	Both CMDU hard disks are inaccessible **Action:** Be sure the CMDU power is on, and cables are in place.
CIOD0156	CMDU x became active (was standby).
CIOD0157	INFO: CMDU “a” is ACTIVE, RDUN is “b”.
CIOD0158	CMDU x DISABLED: cannot access hard disk (warm start). **Action:** Check if CMDU plugged in and powered up.
CIOD0159	CMDU x DISABLED: cannot access hard disk (cold start). **Action:** Check if CMDU plugged in and powered up.
CIOD0160	CMDU was removed: automatically disabled.
CIOD0161	CMDU still disabled since it is not plugged in.

CIOD0162 CMDU x hdisk inaccessible: cannot restore to ACTIVE.

Action: Check if CMDU plugged in and powered up.

CIOD0163 CMDU reinserted: but disabled since IOP disabled.

CIOD0164 Cluster number beyond normal range: {clustNum} {filenname}

CIOD0165 Cluster incorrectly terminated: {clustNum} {filename}

CIOD0166 Cluster multiply assigned: {filename}

CIOD0167 File size longer than cluster chain: {fileName}

CIOD0168 Clusters lost in the FAT = {no of lostClusters}

CIOD0169 Illegal file name {oldName}, renamed as {newName}

CIOD0200 Security cartridge is missing or not responding.

Action: Be sure the correct cartridge is on the IOP.

CIOD0201 Incorrect response from security cartridge.

Action: Be sure it is installed correctly on the IOP.

CIOD0202 The wrong security cartridge was installed.

Action: Be sure the correct one is on the IOP.

CIOD0203 Customer ID number mismatch.

Action: Be sure the correct security cartridge is on the IOP.

CIOD0204 Machine type mismatch.

Action: Be sure the correct security cartridge is on the IOP.

CIOD0205 System type or version number mismatch.

Action: Be sure the correct security cartridge is on the IOP.

CIOD0206 System issue number mismatch.

Action: Be sure the correct security cartridge is on the IOP.

CIOD0207 Security cartridge data not valid.

CIOD0208 Failed to read security cartridge.

CIOD0209 Mismatch between CP/x Card and software.

CIOD0300	No IOP object can be created during HI OBJ creation phase.
CIOD0301 x y	IOP x in slot y is not responding. **Action:** Be sure IOP is enabled. Reseat or replace IOP if necessary.
CIOD0302 x y	IOP x in slot y detects both CMDUs becoming inaccessible. **Action:** Check both ends of the IOP to IOP cables. Check both CMDUs.
CIOD0303	IOP x in slot y detects either or both CMDUs becoming inaccessible.
CIOD0304	Cannot find IOP database file. **Action:** Restore database from backup disks.
CIOD0305	IOP x in slot y fails SCSI controller test. **Action:** Reseat or replace the IOP.
CIOD0306	IOP x in slot y fails to program/enable IOP BIC window. **Action:** Reseat or replace the IOP.
CIOD0307	IOP x in slot y cannot send message to IOP card. **Action:** Reinitialize system with manual INIT button.
CIOD0308	IOP x in slot y space manager cannot allocate CSR address. **Action:** Reload the system with the Manual reload button.
CIOD0309	IOP cannot write to IOP database file. **Action:** Check CMDU power.
CIOD0310	IOP cannot create binary semaphore for IP.
CIOD0311	IOP cannot create IOP class.
CIOD0312	IOP x in slot y cannot be created.
CIOD0313	IOP x in slot y cannot enable IOP.
CIOD0314 x	IOP Cannot open x database file.
CIOD0315 x	IOP x database file is empty.
CIOD0316 x	IOP release number is not found in x database file. **Action:** Restore database from backup disks.

CIOD0317 x y IOP x in slot y security cartridge test failed.

Action: Reseat or replace security cartridge.

CIOD0318 x y IOP x in slot y fails to take SCSI low level semaphore.

CIOD0319 x y IOP x in slot y fails to give SCSI low level semaphore.

CIOD0320 x y IOP x in slot y fails to take SCSI high level semaphore.

CIOD0321 x y IOP x in slot y fails to give SCSI high level semaphore.

CIOD0322 x y IOP x in slot y timeout waiting for response from control register test.

Action: Reseat or replace the IOP.

CIOD0323 x y IOP x in slot y BIC test failed.

Action: Reseat or replace the IOP.

CIOD0324 x y IOP x in slot y timeout waiting for response from BIC test.

Action: Reseat or replace the IOP.

CIOD0325 x y IOP switchover graceful call failed with retCode n.

CIOD0339 x y IOP x in slot y SCSI cable test failed.

Action: Check software. Check both ends of the IOP to IOP SCSI cable and both CMDUs.

CIOD0341 x y IOP x in slot y fails to get IOP general register.

Action: Reseat or replace the IOP.

CIOD0343 x y IOP x in slot y fails to get general register.

Action: Reseat or replace the IOP.

CIOD0344 x y IOP x in slot y fails to set IPB/Local T/O, EI mapping, TOC or Arb ID.

Action: Reseat or replace the IOP.

CIOD0346 x y IOP x in slot y fails to read BIC card ID.

Action: Reseat or replace the IOP.

CIOD0347 x y IOP x in slot y space manager cannot allocate IPB address.

Action: Reload the system with the Manual reload button.

CIOD0348 x y	IOP x in slot y fails to program SCSI controller. **Action:** Check software.
CIOD0349 x y	IOP x in slot y installing event interrupt ISR failure on CP.
CIOD0350 x y	IOP x in slot y control register test failed. **Action:** Rerun test and replace IOP if test fails again.
CIOD0351 x y	IOP x in slot y timeout waiting for response from security cartridge test. **Action:** Replace or reseat security cartridge on IOP/IODU.
CIOD0352 x y	IOP x in slot y i timeout waiting for response from SCSI control test. **Action:** Be sure IOP is enabled.
CIOD0353 x y	IOP x in slot y timeout waiting for response from SCSI cable test. **Action:** Check both ends of the IOP to IOP cable.
CIOD0354	Hunt: Illegal response from IOP to ping test message.
CIOD0355	Hunt: No response from IOP to ping test message.
CIOD0356	Hunt: Recognized IOP did not complete self-test.
CIOD0357	Hunt: Recognized IOP failed self-test.
CIOD0358	Hunt: IOP x y did not pass self-test.
CIOD0359	Hunt: IOP x y failed ping test.
CIOD0360	Hunt: No IOPs recognized on side x.
CIOD0361	IOP x in slot y: detects CMDU becoming accessible.
CIOD0362	IOP x in slot y: detects CMDU becoming inaccessible. **Action:** Check CMDU for proper backplane seating.
CIOD0363	Ethernet has been restored to ACTIVE because the IOP is enabled.
CIOD0364	Ethernet has been disabled because the IOP is disabled.
CIOD0390	{TEST result}: Etherenet link on active side is UP.

CMF: Compelled Multifrequency Diagnostic (LD 54)

Multifrequency Compelled Signaling (MFC) or Multifrequency Signaling for Socotel (MFE), provides a handshaking facility between the SL-1 and the Central Office or Public Exchange (CO/PE), or between other PBXs over network/TIE trunks.

CMF messages identify software/hardware errors during call processing. Output is in the format of:

CMFxxx CMFTN TRKTN X0.... X8

Where:

- xxx is the error code number
- CMFTN is the CMF register TN in packed format
- TRKTN is the Trunk TN associated with the CMFTN in packed format
- X0 to X8 is the first nine words of the unprotected CMF block for the CMF unit used

CMF messages

CMF0001	Noisy Multifrequency Compelled (MFC) pack (hardware fault).
CMF0002	Large twist (hardware fault).
CMF0003	Three frequencies (hardware fault).
CMF0004	No inter-digit pause (hardware fault).
CMF0005	Invalid decision (hardware fault).
CMF0006	MFC pack firmware fault (hardware).
CMF0007	Undefined error (hardware fault).
CMF0008	Software timeout (software fault).
CMF0009	Not ready to send (software fault).
CMF0010	Undefined function/signal (software fault).
CMF0011	CMF table not defined (software fault).
CMF0012	Invalid backward signal (BWD) received. Call cleared down (software fault).
CMF0013	Invalid forward signal (FWD) received. Call cleared down (software fault).
CMF0014	Warning: L1 sequence terminated at Level 1 (software fault).
CMF0015	Invalid trunk type is attempting MFC signaling (software fault).
CMF0023	Warning: trying to send signal not defined in the CMF signal table. **Action**: CMIN ALL will clear all monitor alarms.

CMON: Core Monitor

The message output format is: CMON x y z, where x = side, y = card and z = port.

CMON messages

CMON0100 x y z Card with PEC x inserted into side y, slot z.

CMON0101 x y z Card with PEC x removed from side y, slot z.

CMON0102 x y Card with no PEC removed from side x, slot y.

CMON0103 x y Card with no PEC inserted into side x, slot y.

Action: Reseat or replace the card. Contact your technical support group.

CMON0104 x y Card with unknown PEC removed from side x, slot y.

CMON0105 x y Card with unknown PEC inserted into side x, slot y.

Action: Reseat or replace the card. Contact your technical support group.

CMON0400 x y z m The mask value of the CNI port on core side x, slot y, port z, mask m does not match the software image. The hardware image is being restored.

CMON0401 CNI intermittent interrupt occurring.

CMON0402 x y z Core side x, slot y, port z cable 1 is detected. The system is putting it into Normal mode.

CMON0403 x y z Core side x, slot y, port z cable 1 is lost. The system is putting it into Disabled mode.

CMON0404 x y z Core side x, slot y, port z cable 2 is detected. The system is putting it into Normal mode.

CMON0405 x y z Core side x, slot y, port z cable 2 is lost. The system is putting it into Disabled mode.

CMON0406 x y z Core side x, slot y, port z remote power is detected. The system is putting it into Normal mode.

CMON0407 x y z Core side x, slot y, port z remote power is lost. The system is putting it into Disabled mode.

CMON0408 x y z Core side x, slot y, port z 3PE physical switch is enabled. The system is putting it into Normal mode.

CMON0409 x y z Core side x, slot y, port z 3PE physical switch is disabled. The system is putting it into Disabled mode.

CMON0410 x y z An event interrupt has been lost on core side x, slot y, port z.

CMON0411 x y Core side x, slot y CNI physical switch is enabled. The system is putting it into Normal mode.

CMON0412 x y Core side x, slot y CNI physical switch is disabled. The system is putting it into Disabled mode.

CND: Caller's Name Display

The Caller's Name Display Feature allows the storage of the users names in an Auxiliary computer such as a Property Management System (PMS). Problems with the link to the PMS are indicated by CND messages.

CND messages

CND0001	CND link I/O block is missing.
CND0002	CND link status block is missing.
CND0003	Garbage character received on the CND link.
CND0004	Lost partially assembled message.
CND0005	CND SDI output buffer does not get emptied properly.
CND0006	Wrong parameter passed to procedure CND_LINK_MSG_CR.
CND0007	Noisy CND Link.
CND0008	Slow response on CND link.
CND0009	CND link is down.
CND0010	CND messages are lost.
CND0011	CND link queue is not empty.
CND0012	Cannot synchronize the CND link.
CND0013	CND garbage collection pointer pointers are corrupted.
CND0014	Attempt to acquire CND name block with length zero.

CND0015	Not enough memory for CND name block.
CND0016	Out of boundaries for CND name block.
CND0017	Pointer corruption while trying to remove name block.
CND0018	Name block corruption.
CND0021	Wrong TN in the Call Register.
CND0022	Special name table does not exist.
CND0023	Display’s customer does not match unit’s customer.
CND0024	Broken attendant queue.
CND0025	Unable to initialize CND link because of Calls Waiting in attendant queue.

CNF: Conference Circuit Diagnostic (LD 38)

The Conference Circuit Diagnostic program is used to detect and isolate circuit faults on the system conferencing equipment. The CNF messages are output in response to commands issued in LD 38.

LD 38 can detect problems on conference circuits such as:

- channel faults on the network card which interfaces a conference card to the system
- channel faults on the conference card
- conference faults associated with conferee group numbers
- switching faults controlling the attenuation feature

The program is used to:

- check the status of the channels and the conferee groups
- clear alarms and displays

CNF messages

CNF0000 Program identifier—no action needed.

CNF0001 Invalid command.

Action: Check command format and try again.

CNF0002 Invalid argument.

Action: Check command format and try again.

CNF0003	Customer nonexistent or out-of-range. Range is 0 to 31 inclusive.
CNF0004	Loop or conferee group out-of-range. Loop range is 0 to 158; conferee group range is 1 to 15.
CNF0005	Unequipped or out-of-range TN. Form is Loop, Shelf, Card, Unit Ranges are: Loop, 0 to 158; Shelf, 0 to 3; Card, 1 to 10; Unit, 1 to 15.
CNF0006	Requested loop is not defined in the system or is not a conference group. **Action:** Check data and begin again.
CNF0007	Requested loop has been disabled. **Action:** Use ENLL command before going further.
CNF0008	Requested conference loop is in use. **Action:** Try another conference loop.
CNF0009	The CNFC STEP command requires a two-party conference. More or fewer sets are not allowed. **Action:** Ensure that only two sets are in conference. If not, use END command to cancel the conference. Use the CNFC MAN L C command to set up two manual conferences by dialing SPRE 93 on any two sets, where SPRE is the customer's Special Service Prefix code.
CNF0020 loop	Conference pack failed to respond. **Action:** Check enable switch on the pack. If pack still does not respond, it is probably due to a fault on Conference pack. If fault persists after pack is replaced, suspect Peripheral Signaling packs.
CNF0021 loop	Channel fault found on Conference pack.
CNF0022 loop	Channel fault found on conference pack.
CNF0023 loop	Conference fault found with one or more conferee groups on conference pack. May also be faulty network pack. Minor alarm lamp lit on Attendant Console.
CNF0024 loop	Attenuation feature is not working on conference pack. May also be a faulty network pack.
CNF0025 loop	Listen-only feature is not working on conference pack.
CNF0026	Attenuation level 12.2 dB is faulty.

CNF0027	Attenuation level 10.4 dB is faulty.
CNF0028	Attenuation level 8.2 dB is faulty.
CNF0029	Attenuation level 7.2 dB is faulty.
CNF0030	Attenuation level 5.4 dB is faulty.
CNF0031	Attenuation level 4.0 dB is faulty.
CNF0032	Attenuation level 1.2 dB is faulty.
CNF0033	TSM memory faulty. The pack is faulty and should be replaced.
CNF0100	Cannot use the ENLX (Enable) or DISX (Disable) commands on a non-XCT card.
CNF0101	The XCT card is already enabled/disabled.
CNF0102	On ENLX (enable Conference/TDS card) did not receive the message verifying download completion within six seconds.Disable the card (DISX) and retry the Enable (ENLX) command.
CNF0103	CNFC L did not receive the self test result within ten seconds.
CNF0104	Received an unexpected message from the Conference/TDS card. **Action:** Use the DISX command to disable the card and retry the ENLX command.
CNF0107	Superloop numbers must be a multiple of four.
CNF0108	Shelf parameter is out-of-range.
CNF0109	Card parameter is out-of-range.
CNF0110	Unit parameter is out-of-range.

CNI: Core to Network Interface

The message output format is: CNI x y z, where x = side, y = card, and z = port

CNI messages

CNI0000 x y z — CNIP x y z: Intermittent interrupt occurring.

CNI0001 x y z — CNIP x y z: CNI-3PE cable 1 (top) detected.

CNI0002 x y z — CNIP x y z: CNI-3PE cable 1 (top) lost.
Action: Check both connectors.

CNI0003 x y z — CNIP x y z: CNI-3PE cable 2 (bottom) detected.

CNI0004 x y z — CNIP x y z: CNI-3PE cable 2 (bottom) lost.
Action: Check both connector ends of the cable.

CNI0005 x y z — CNIP x y z: Remote power (3PE) detected.

CNI0006 x y z — CNIP x y z: Remote power (3PE) lost.
Action: Check Network power or cables for cross connections.

CNI0007 x y z — CNIP x y z: 3PE switch has been enabled.
Action: Check 3PE switch or cables for cross connections.

CNI0008 x y z — CNIP x y z: 3PE switch has been disabled.

CNI0009 x y z — CNIP x y z: Event interrupt lost. Mask REG = n. Re-enabling all interrupts.

CNI0010 x y z — CNIP x y z: Faceplate switch enabled.

CNI0011 x y z — CNIP x y z: Faceplate switch disabled.

CNI0012 x y z	CNIP x y z: Putting port into Disabled mode. **Action:** ** Warning: Attached group will be Out-of-Service **
CNI0013 x y z	CNIP x y z: Putting port into Normal/Enabled mode.
CNI0020 x y z	CNIP x y z: Failure to change port mode.
CNI0021 x y z	CNIP x y z: Port has been placed in Normal mode.
CNI0022 x y z	CNIP x y z: Port has been placed into Disable mode.
CNI0023 x y z	CNI port x y z: EI Y register. This message represents a CNI port test result.
CNI0024 x y z	CNI port x y z: ICC/Default values check. This message represents a CNI port test result.
CNI0025 x y z	CNI port x y z: loopback address. This message represents a CNI port test result.
CNI0026 x y z	CNI port x y z loopback address parity. This message represents a CNI port test result.
CNI0027 x y z	CNI port x y z: loopback address parity invert. This message represents a CNI port test result.
CNI0028 x y z	CNI port x y z: loopback data LSB. This message represents a CNI port test result.
CNI0029 x y z	CNI port x y z: loopback data parity LSB. This message represents a CNI port test result.
CNI0030 x y z	CNI port x y z: loopback data MSB. This message represents a CNI port test result.
CNI0031 x y z	CNI port x y z: loopback data parity MSB. This message represents a CNI port test result.
CNI0032 x y z	CNI port x y z: Event interrupts out of sequence. This message represents a CNI port test result.
CNI0033 x y z	CNI port x y z: Event interrupts lost. This message represents a CNI port test result.
CNI0034 x y z	CNI port x y z: Event interrupt timeout test. This message represents a CNI port test result.

CNI0035 x y z	CNI port x y z:Read strobe test. This message represents a CNI port test result** **Warning: Attached group will NOT be accessible **
CNI0036 x y z	CNI port x y z Write strobe test. This message represents a CNI port test result.** **Warning: Attached group will NOT be accessible **
CNI0037 x y z	CNI port x y z event generation circuitry test. This message represents a CNI port test result.
CNI0050	CNIP x y z: Failure to access CNI port hardware. **Action:** Check CNI Enable/Disable switch, or replace CNI card.
CNI0051	CNIP x y z: Failure to unmask event interrupt.
CNI0052 x	CNIP x y z: Mask x does not match. Interrupt being unmasked.
CNI0053 x	CNIP x y z: Mask x does not match. Interrupt being masked.
CNI0054	CNIP x y z: Could not find the source of the interrupt.
CNI0055 l s c	CNIP x y z: Testing port l s c u.
CNI0056	CNIP x y z: Interrupt line x is stuck. Unmasking line.
CNI0060	CNIP ROW: Incorrect release. Option 81 must run X11 Release 18 or later.
CNI0061v w x y z	CNIP x y z: LBA = v, LBD = w, BERZ = x, CR = y, SR = z
CNI0062	CNIP x y z: The remote device is not accessible.
CNI0064	CNIPMon: - Interrupt masked. Turn on "cnipMaskAutoRestore" to recover.
CNI0065	CNIPMon: - EILOST reported, mask = n. **Action:** Turn on "cnipMaskAutoRestore" to recover.
CNI0066	CNIP Mon - Switchover requested; side x is deemed better. **Action:** Check hardware or ENL disabled hardware or suspect side.
CNI0070	CNIP x y z: EI x register does not match. SW = n, HW = m. Restoring.
CNI0071	EI Unmasking line x failed. Mask Reg = n.
CNI0072	EI Masking line x failed. Mask Reg = n.

CNI0073	CNIP x y z: Maintenance Interrupt Threshold exceeded. Subsequent changes in 3PE/cable status will be ignored. **Action:** Check 3PE and CNI-3PE cable (if applicable) then re-enable CNI.
CNI0074	CNIP x y z: EI3 address repaired. EI3 address was set to: a. EI3 address restored to: b.
CNI0075	CNIP x y z: cause for EI3 event unknown. Forcing the port into NORMAL mode.
CNI0200 x	CNI card configured but not present in slot x. Database mismatch. **Action:** Be sure the card is in the correct slot.
CNI0201	CNI x y : Watchdog timeout detected count = n.

CNV: Conversion (LD 66)

Conversion programs are used to convert previous software generics to the most recent, that is the generic on which this conversion program resides.

For information on how to prepare for and operate each generic's conversion program, consult the applicable product bulletins and the *Software Conversions* NTP.

Some of the CNV may have additional information associated with them as follows: **t c b**

Where:

t = Data block type, if **t** = TNB, then it is followed by l s c u

c = Customer number

b = Block number or route number if **t** = RDB

CNV messages

CNV0000 Identification of program (not an error).

CNV0100 Identification of program (not an error).

CNV0601 t c b TNB l s c u Not enough unprotected memory for data.

CNV0602 t c b TNB l s c u Not enough protected memory for data.

CNV0630 Wrong number of parameters.

CNV0631 Invalid command.

CNV0632 Invalid argument(s).

CNV0633 Wrong P_CUST_DATA length.

CNV0634 Wrong P_ROUTE_DATA length.

CNV0635 Warning: mismatched signaling and trunk type in PTRKBLOCK.

CNV0636 Warning: some serious error in TNTRANSLATOR.

CNV0637 Error: the conversion has already been run on this data.

CNV0638 Insufficient protected memory to run conversion.

CNV0639 t c b TNB l s c u Nil pointer to data block.

CNV0640 TNB l s c u TN block has an invalid unit type.

CNV0641 t c b Pointer does not point to correct data block.

CNV0642 RMB c b MR block number is greater than 99.

COM: Data Communication

COM Messages

COM0000	Ethernet driver: Device unit %d is initialized OK.
COM0001	Ethernet driver: Unit %d is being restarted.
COM0002	Ethernet driver is unable to restart the broadcast threshold watchdog.
COM0003	Ethernet driver is temporarily shut-down due to excess broadcasts.
COM0004	Ethernet driver: Restarted after being shut-down (broadcast).
COM0005	Ethernet driver: Inattatch; error return from giaIntSet call.
COM0006	Ethernet driver: Device unit %d initialization failed.
COM0007	Ethernet driver: No carrier detection on device unit %d.
COM0008	Ethernet driver: Unit %d is being reset.
COM0009	Ethernet driver: A fatal problem was encountered and the threshold has been reached. Attempt to switch-over form side %d.
COM0010	Ethernet driver: Error creating transmitter semaphore.
COM0011	Ethernet driver: Inattatch; insufficient memory provided.
COM0012	Ethernet driver: Device requires cache coherent memory.
COM0013	Ethernet driver: System memory unavailable.
COM0014	Ethernet driver: Unable to create broadcast threshold.
COM0015	Ethernet driver: Unable to switch-over.

COM0016	Point-to-Point Protocol: Session is up.
COM0017	Point-to-Point Protocol: Session is down.
COM0018	Point-to-Point Protocol: Echo failed, link is down.
COM0040	100 Base T driver: broadcast Restart on port x, where x is the port number.
COM0041	100 Base T driver: Broadcast storm on port x, where x is the port number.
COM0064	10BaseT driver: Receiving Unicast messages faster than threshold limit. Last source IP address: xx

CRI: Carrier Remote IPE

CRI messages

CRI1005	SUPL XXX Local Carrier 0 Alarm Level 0 OK
CRI1006	SUPL XXX Carrier 0 MMI enabled
CRI1010	SUPL XXX Local Carrier 0 Alarm Level 1 B.E.R. Exceeded
CRI1020	SUPL XXX Local Carrier 0 Alarm Level 2 B.E.R. Exceeded
CRI1030	SUPL XXX Local Carrier 0 Alarm Level 3 B.E.R. Exceeded
CRI1031	SUPL XXX Local Carrier 0 Alarm Level 3 Frame Slip THRSH Exceeded
CRI1032	SUPL XXX Local Carrier 0 Alarm Level 3 Loss of Signal
CRI1033	SUPL XXX Local Carrier 0 Alarm Level 3 Blue Alarm
CRI1034	SUPL XXX Local Carrier 0 Alarm Level 3 Out of Frame
CRI1036	SUPL XXX Carrier 0 MMI disabled
CRI1105	SUPL XXX Local Carrier 1 Alarm Level 0 OK
CRI1106	SUPL XXX Carrier 1 MMI enabled
CRI1110	SUPL XXX Local Carrier 1 Alarm Level 1 B.E.R. Exceeded
CRI1120	SUPL XXX Local Carrier 1 Alarm Level 2 B.E.R. Exceeded
CRI1130	SUPL XXX Local Carrier 1 Alarm Level 3 B.E.R. Exceeded
CRI1131	SUPL XXX Local Carrier 1 Alarm Level 3 Frame Slip THRSH Exceeded
CRI1132	SUPL XXX Local Carrier 1 Alarm Level 3 Loss of Signal

CRI1133	SUPL XXX Local Carrier 1 Alarm Level 3 Blue Alarm
CRI1134	SUPL XXX Local Carrier 1 Alarm Level 3 Out of Frame
CRI1136	SUPL XXX Carrier 1 MMI disabled
CRI1205	SUPL XXX Local Carrier 2 Alarm Level 0 OK
CRI1206	SUPL XXX Carrier 2 MMI enabled
CRI1210	SUPL XXX Local Carrier 2 Alarm Level 1 B.E.R. Exceeded
CRI1220	SUPL XXX Local Carrier 2 Alarm Level 2 B.E.R. Exceeded
CRI1230	SUPL XXX Local Carrier 2 Alarm Level 3 B.E.R. Exceeded
CRI1231	SUPL XXX Local Carrier 2 Alarm Level 3 Frame Slip THRSH Exceeded
CRI1232	SUPL XXX Local Carrier 2 Alarm Level 3 Loss of Signal
CRI1233	SUPL XXX Local Carrier 2 Alarm Level 3 Blue Alarm
CRI1234	SUPL XXX Local Carrier 2 Alarm Level 3 Out of Frame
CRI1236	SUPL XXX Carrier 2 MMI disabled
CRI2005	SUPL XXX Remote Carrier 0 Alarm Level 0 OK
CRI2010	SUPL XXX Remote Carrier 0 Alarm Level 1 B.E.R. Exceeded
CRI2020	SUPL XXX Remote Carrier 0 Alarm Level 2 B.E.R. Exceeded
CRI2030	SUPL XXX Remote Carrier 0 Alarm Level 3 B.E.R. Exceeded
CRI2031	SUPL XXX Remote Carrier 0 Alarm Level 3 Frame Slip THRSH Exceeded
CRI2032	SUPL XXX Remote Carrier 0 Alarm Level 3 Loss of Signal
CRI2033	SUPL XXX Remote Carrier 0 Alarm Level 3 Blue Alarm
CRI2034	SUPL XXX Remote Carrier 0 Alarm Level 3 Out of Frame
CRI2105	SUPL XXX Remote Carrier 1 Alarm Level 0 OK
CRI2110	SUPL XXX Remote Carrier 1 Alarm Level 1 B.E.R. Exceeded
CRI2120	SUPL XXX Remote Carrier 1 Alarm Level 2 B.E.R. Exceeded

CRI2130	SUPL XXX Remote Carrier 1 Alarm Level 3 B.E.R. Exceeded
CRI2131	SUPL XXX Remote Carrier 1 Alarm Level 3 Frame Slip THRSH Exceeded
CRI2132	SUPL XXX Remote Carrier 1 Alarm Level 3 Loss of Signal
CRI2133	SUPL XXX Remote Carrier 1 Alarm Level 3 Blue Alarm
CRI2134	SUPL XXX Remote Carrier 1 Alarm Level 3 Out of Frame
CRI2205	SUPL XXX Remote Carrier 2 Alarm Level 0 OK
CRI2210	SUPL XXX Remote Carrier 2 Alarm Level 1 B.E.R. Exceeded
CRI2220	SUPL XXX Remote Carrier 2 Alarm Level 2 B.E.R. Exceeded
CRI2230	SUPL XXX Remote Carrier 2 Alarm Level 3 B.E.R. Exceeded
CRI2231	SUPL XXX Remote Carrier 2 Alarm Level 3 Frame Slip THRSH Exceeded
CRI2232	SUPL XXX Remote Carrier 2 Alarm Level 3 Loss of Signal
CRI2233	SUPL XXX Remote Carrier 2 Alarm Level 3 Blue Alarm
CRI2234	SUPL XXX Remote Carrier 2 Alarm Level 3 Out of Frame
CRI3301	SUPL XXX External Alarm 1 cleared
CRI3302	SUPL XXX External Alarm 2 cleared
CRI3303	SUPL XXX External Alarm 3 cleared
CRI3311	SUPL XXX External Alarm 1 Set
CRI3312	SUPL XXX External Alarm 2 Set
CRI3313	SUPL XXX External Alarm 3 Set
CRI4437	No response or the response was too slow (software timed out to avoid INIT within INIT) from the carrier hardware during Carrier Remote Interface initialization update. If the message is output again with the same loop number, then it is an indication that there is a hardware fault in either the LCI or RCI card.

CSA: Command and Status Link Diagnostic (LD 48)

The Command and Status Link is an application protocol used for communication between the SL-1 CPU and an external Value Added Server (VAS) such as the Meridian Mail MP. The CSL uses an Enhanced Serial Data Interface (ESDI) card.

The CSL and ESDI are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

With X11 Release 19 or later, and Alarm Filtering (ALRM_FILTER) package 243 equipped, a new expanded format is used to give system message information. When applicable, both display formats are shown.

CSA messages

CSA0001 n t x CSL n cannot be brought up automatically at system time t.

Unformatted: CSA001 N T X

Formatted: CSA001 dd/mm

OPRDAT: N X

n = CSL number

t = system time (only appears when unformatted)

x = 1. ESDI is in invalid state

2. ASIM/DLC data base error.

3. DLI data base error

4. ESDI failed the test

5. ASIM/DLC not enabled

6. DLI not enabled or is in alarm condition

7. ASIM setup failed

8. ESDI HDLC link layer setup failed

9. ESDI no response to the SL-1's command.

10. Far-end did not return the polling message.

CSA0002 n t x CSL n is out-of-service at system time t.

Unformatted: CSA002 N T X

Formatted: CSA002 dd/mm/yy 00009 MSG

OPRDAT: N X

n = CSL number

t = system time (only appears when unformatted)

x =

1. ESDI is out-of-service

2. SL-1 DLI is out-of-service

3. Protocol fault (InfoLink)

4. Polling message time out

5. The Layer two of MSDL is down

6. ELAN is disconnected.

CSA0003 n t

CSL n is now active, at system time t.

Unformatted: CSA003 N T

Formatted: CSA003 dd/mm/yy 00009 MSG OPRDAT: N

CSA0004 n t

CSL n is now standby, at system time t.

Unformatted: CSA004 N T

Formatted: CSA004 dd/mm/yy 00009 MSG

OPRDAT: N

n = CSL number

t = system time (only appears when unformatted)

CSA0005 n x y

The message threshold on an ISDN/AP link n has overflowed.

Where: x = OVD message sent across the link

y = number of messages received during the last time interval.

CSA0100 q t

Warning: The available Call Registers in the AML queue is down to 20 percent of total resource.

Where: q = I for input queue or O for output queue

t = the system timestamp.

The message appears in the following formats:

CSA100 {I} {timestamp}

SYS: {#CR in System msg queue}

CPI: {#CR in Call Processing msg queue}

ADM: {#CR in Admin./Maint. msg queue}

CSA100 {O} {timestamp}

AML:{link#}

S: {CR in the queue for this link}

AML: {other configured output link}

S: {...} ADM: {...} S: {...} .....

CSA0101 q t

Overflow: The available Call Registers in the AML queue is down to 0 percent of total resource.

Where:

q = I for input queue or O for output queue

t = the system timestamp.

If there are two or more CSA100 warning messages in a week, increase the value of CSQI and CSQO in LD 17.

The message appears in the following formats:

CSA101 {I} {timestamp} SYS:{#CR in System msg queue}

CPI: {#CR in Call Processing msg queue}

ADM: {#CR in Admin./Maint. msg queue}

CSA101 {0} {timestamp} AML: {link#}

S: {CR in the queue for this link}

AML:{other configured output link}

S: {...} ADM:{...} S:{...} .....

CSA0102 q time Recover: The available call registers in the AML queue has recovered to 40% of total resource.

q = I for input queue

q = O for output queue

time = the system timestamp

If there are two or more CSA102 overflow messages in a day for one week, the system should be re-engineered or upgraded to a faster machine type.

The message appears in the following formats:

CSA102 {I} {timestamp}

SYS:{#CR in System msg queue}

CPI: {#CR in Call Processing msg queue}

ADM: {#CR in Admin./Maint. msg queue}

CSA102 {0} {timestamp}AML:{link#}

S:,#CR in the queue for this link}

AML:{other configured output link}

S: {...} ADM:{...} S:{...} .....

CSA0104 n a t CCR READY bit set, CCR is now Active. Where

n : Link Number

t : Time Stamp

CSA104 prints when SL-1 receives Start Up or Flow Control messages, or after SL-1 initialized.

CSA0103 PROG_CR for deacquire cannot be allocated after finished revert to default process.

CSA0105 n a t CCR READY bit reset, CCR is now Disabled. Where:

n : Link Number

t : Time Stamp

CSA105 prints when system receives Shut Down, CCR died, 10 consecutive timeout, ESDI cable being poured, or link disabled messages, and after SL-1 initialized.

CSA0106 Link congestion or slow response time detection on the Application Module Link. Cleaning up link.

The format of CSA106 is as follows: CSA### {AML link#} {hours} {minutes} {seconds} {o} {si} {cpi}

Where:

= 106 or 107

AML link # = the AML link number for the application

o = queue length of the AML output queue for the application

si = queue length of all AML system input queues

cpi = queue length of all AML call processing input queues

CSA0107 Link cleanup completed. This message is tied directly to last CSA106 message.

The format of CSA107 is as follows: CSA### {AML link#} {hours} {minutes} {seconds} {o} {si} {cpi}

Where:

= 106 or 107

AML link # = the AML link number for the application

o = queue length of the AML output queue for the application

si = queue length of all AML system input queues

cpi = queue length of all AML call processing input queues

CSA0108 This CDN is being switched to default mode because:

1. CDN is unknown to the application.

2. No call script is defined for the CDN.

The Craftperson is responsible to fix the problem and reset the CDN back to the controlled mode if desired. The format of CSA 108 is as follows: CSA108 {CDN} {cust no} {reason code}

Where reason code = (no call script is defined for the CDN.) (undefined CD)

CSA0109 Process deacquire all is in progress.

CSA0110 The overloaded CSL MSDL port needs to be disabled before it can be enabled.

Action: Place the AML LINK in the manually disabled mode with the command DIS AML x. Enable the Link with the command ENL AML x.

CSC: Customer Service Change

The Customer Service Change messages indicate problems and progress within the Attendant Administration and Automatic Set Relocation features.

CSC messages

CSC0001 Access code (password) entered from console was incorrect.

CSC0002 Cannot login because the program currently running, refuses to leave.

CSC0003 x y Start of attendant service change of a telephone. TN and Prime DN are given. Where :

x = TN of set

y = Prime DN of set.

CSC0004 The feature selected by the attendant is shown, together with the old and new contents.

Action: Enter new contents.

CSC0005 Change of telephone data has been completed.

CSC0006 Someone else has logged in and replaced the Attendant Administration user.

CSC0007 An error was encountered trying to load a program.

CSC0010 x y The first message produced by a relocation at the point the set leaves the system. It gives the TN the set is relocating from, and the identification code entered. Where :

x = old TN of set

y = ID code entered

CSC0011 x y The second message produced by a set relocation at the point the set re-enters the system. It gives the old and new TN of the set. Where : x = old TN (l s c u) of set and y = new TN of set.

CSC0012 x A set cannot be relocated back in. It gives the old TN of the set. Where : x = old TN of set.

CSC0013 x y A set reassigned back in has been de-assigned as AST for a DN. Where : x = TN of set and y = Prime DN of set.

CSC0100 x y Set Installation message indicating that a set or trunk has been installed using AINS.

CSC0101 x Set Installation message indicating that a set or trunk has been removed from the database using AINS.

CSC0102 DN xxxx NEW The DN xxxx appearance for a MARP TN has been changed in Attendant Administration. The new MARP for DN xxxx has defaulted to TN l s c u.

CSC0104 x y z Flexible Call Forward No Answer DN (FDN) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old FDN, and z = new FDN.

CSC0105 x y z Hunt DN updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u) , y = old Hunt DN and z = new Hunt DN

CSC0106 x y z External Call Forward No Answer DN (EFD) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old EFD, and z = new EFD.

CSC0107 x y z External Hunt DN (EHT) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old EHT, and z = new EHT.

CSC0108 x y z Ringing Cycle Option (RCO) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old Ringing Cycle Option (RCO), and z = new RCO.

CSC0109 x y Unacceptable Flexible Call Forward No Answer DN (FDN) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (l s c u) and y = unacceptable FDN.

CSC0110 x y Unacceptable Hunt DN dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (l s c u) and y = unacceptable Hunt DN.

CSC0111 x y Unacceptable External Call Forward No Answer DN (EFD) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (l s c u) and y = unacceptable EFD.

CSC0112 x y Unacceptable External Hunt DN (EHT) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (l s c u) and y = unacceptable EHT.

CSC0113 x y Unacceptable Ringing Cycle Option (RCO) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (l s c u) and y = unacceptable RCO.Data corruption.

CSC0118 Multiple appearance of a DN that is associated with a DTM key is not permitted.

CSC0119 Virtual Office - login process of a VO worker onto a Host TN has ended successfully.

Where:

x = TN of the Host Terminal (l s c u).

y = Virtual TN Primary DN.

CSC0120 Virtual Office - logout process of a VO worker from a Host TN has ended successfully.

Where:

x = TN of the Host Terminal (l s c u).

y = Virtual TN Primary DN.

CSC0121 Virtual Office data corruption for the Logged-Off TN: Host TN must be on a Physical loop and Virtual TN must be on a Phantom loop.

Where:

x = TN of the Host or Virtual Terminal (l s c u).

CSC0122 Virtual Office data corruption for the Logged-In TN: Host TN must be on a Phantom loop and Virtual TN must be on a Physical loop. Where: x = TN of the Host or Virtual Terminal (l s c u).

CSC0123 Virtual Office data corruption for the Logged-In TN: Invalid VO_SOURCE_TN was found in TN.

Where:

x = TN of the Host or Virtual Terminal (l s c u).

y = VO_SOURCE_TN (Hex format).

CSC0124 Virtual Office data corruption for the Logged-In TN: The VO_SOURCE_TN must be a BCS unit and The UNIT_SUBTYPES of both TNs must be the same M3903/ M3904 type and VO_SOURCE_TN must be a Host or Virtual TN and TN and VO_SOURCE_TN must be a pair of Virtual and Host TNs.

Where:

x = TN of the Logged-in Terminal (l s c u).

y = TN of VO_SOURCE_TN (l s c u).

CSC0125 Virtual Office data corruption for the Logged-In VO_SOURCE_TN: Host TN must be on a Phantom loop and Virtual TN must be on a Physical loop.

Where:

x = TN of the Logged-in Terminal (l s c u).

y = TN of VO_SOURCE_TN (l s c u)

CSC0126 Virtual Office data corruption for the Logged-In TN: The VO_SOURCE_TN must be in Logged-In state and the VO_SOURCE_TN must contain the original TN.

Where:

x = TN of the Logged-in Terminal (l s c u).

y = Original TN of VO_SOURCE_TN (l s c u).

CSC0127 Virtual Office swap process failure - Invalid Host TN (VO_SWAP_HOST_TN) was found. Swapping process is aborted.

Where:

x = VO_SWAP_HOST_TN (Hex format).

y = VO_SWAT_VIRT_TN (Hex format).

CSC0128 Virtual Office swap process failure - Invalid Virtual TN (VO_SWAP_VIRT_TN) was found. Swapping process is aborted.

Where:

x = VO_SWAP_HOST_TN (Hex format).

y = VO_SWAT_VIRT_TN (Hex format).

CSC0129 Virtual Office swap process failure - Invalid Virtual TN (VO_SWAP_VIRT_TN) or Host TN (VO_SWAP_HOST_TN) were found. Swapping process is aborted.

Where:

x = VO_SWAP_HOST_TN (Hex format).

y = VO_SWAT_VIRT_TN (Hex format).

CSC0130 Virtual Office swap process warning - DNTRANS2 failure during swapping process. Swapping process continues.cc

Where:

x = TN of the swapped Terminal (l s c u).

y = Key number.

z = DN.

CSC0131 x y z Virtual Office swap process warning - process aborted due to system initialize. Where x = First swapped TN (l s c u); y = Second swapped TN (l s c u); z = DN key of y.

CSC1000 x y z Flexible Call Forward No Answer DN (FDN) updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old FDN, and z = new vacant FDN of set.

CSC1001 x y z Hunt DN updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old Hunt DN, and z = new vacant Hunt DN.

CSC1002 x y z External Call Forward No Answer DN (EFD) updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old EFD, and z = new vacant EFD.

CSC1003 x y z External Hunt DN (EHT) updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old EHT, and z = new vacant EHT

DBMT: Database Media Transfer

DBMT messages

DBMT0001 Unable to determine default floppy device name.

DBMT0002 Unable to determine floppy device name.

DBMT0003 Unable to determine file names for transfer.

DBMT0004 Unable to open floppy drive.
Action: Be sure disk is properly inserted.

DBMT0005 Unable to create temporary database file.

DBMT0006 Unable to create temporary Configuration file.

DBMT0007 Unable to transfer database to hard disk.

DBMT0008 Unable to append Database and Configuration files into one file.

DBMT0009 Unable to rename Configuration file to Database file for s option.

DBMT0010 Unable to restore file to original state.

DBMT0011 Unable to rename all files correctly.

DBMT0012 Unable to read Private sector from floppy disk.

DBMT0013 Too many disks being used.

DBMT0014 Incorrect disk in drive.

DBMT0015 Unable to identify record type.

DBMT0016 Unable to read sector(s) from disk.

	Action: Ensure disk is properly inserted. Check the power and the SCSI cable on the CMDU.
DBMT0017	Unable to write database file to hard disk.
DBMT0018	Unable to write Configuration file to hard disk.
DBMT0019 x y	Incorrect database record count. Was x, should be y.
DBMT0020 x y	Incorrect Configuration record. Was x, should be y.
DBMT0021	Incorrect floppy disk in drive. Need A1.
DBMT0022	Read Private Sector: Unable to read sector from floppy disk.
DBMT0023	Read Private Sector: Invalid floppy disk.
DBMT0024	Read Private Sector: End of track 1 not found.
DBMT0026	Get Record Type: Unable to identify record type.
DBMT0027	Unused message.
DBMT0028	Get Disk Buffer: Unable to seek on floppy disk.
DBMT0029	Get Disk Buffer: Unable to read from floppy disk. **Action:** Check hard disk power, and SCSI cable on CMDU.
DBMT0030	Append Database: Unable to seek database on hard disk.
DBMT0031	Append Database: Unable to seek Configuration on hard disk.
DBMT0032	Append Database: Unable to read from hard disk. **Action:** Check hard disk power, and SCSI cable on CMDU.
DBMT0033	Append Database: Unable to write to hard disk.
DBMT0034	Write Database: Unable to write to hard disk.
DBMT0035	Write Database: Unable to write to hard disk. **Action:** Check hard disk power, and SCSI cable on CMDU.
DBMT0036	Write Database: Unknown database format. **Action:** Be sure that the correct B disk is in the drive.

DBMT0037	Get Directory: Unable to read Private sector from floppy disk.
DBMT0038	Get Directory: Unable to read sector(s) from floppy disk. **Action:** Be sure disk is inserted properly in the correct drive.
DBMT0039	Close Files: Unable to close floppy device.
DBMT0040	Close Files: Unable to close Database file.
DBMT0041	Close Files: Unable to close Configuration file.
DBMT0042	Rename All Files: Unable to rename secondary Database file to holding file.
DBMT0043	Rename All Files: Unable to restore files to original state.
DBMT0044	Rename All Files: Unable to rename secondary Configuration file to holding file.
DBMT0045	Rename All Files: Unable to rename primary Database file to secondary file.
DBMT0046	Rename All Files: Unable to rename primary Configuration file to secondary file.
DBMT0047	Rename All Files: Unable to rename new Database file to primary file.
DBMT0048	Rename All Files: Unable to rename new Configuration file to primary file.
DBMT0049	Get File Names: Unable to determine primary Database file name.
DBMT0050	Get File Names: Unable to determine secondary Database file name.
DBMT0051	Get File Names: Unable to determine holding Database file name.
DBMT0052	Get File Names: Unable to determine temporary Database file name.
DBMT0053	Get File Names: Unable to determine primary Configuration file name.
DBMT0054	Get File Names: Unable to determine secondary Configuration file name.
DBMT0055	Get File Names: Unable to determine holding Configuration file name.
DBMT0056	Get File Names: Unable to determine temporary Configuration file name.
DBMT0057	Restore Files: Unable to restore temporary Database file.
DBMT0058	Restore Files: Unable to restore primary Database file.
DBMT0059	Restore Files: Unable to restore secondary Database file.

DBMT0060 Restore Files: Unable to restore temporary Configuration file.

DBMT0061 Restore Files: Unable to restore primary Configuration file.

DBMT0062 Restore Files: Unable to restore secondary Configuration file.

DBMT0063 Unable to initialize floppy driver to 2 Mb on side x.

Action: Be sure CMDU power is on, and cables are in place.

DBMT0064 Unable to initialize floppy driver to 4 Mb on side x.

Action: Be sure CMDU power is on, and cables are in place.

DBMT0205 Read Private Sector: End of track 3 not found.

DCH: D-channel Diagnostic (LD 96)

The D-channel diagnostic program (LD 96) is used to test and maintain the D-channel link and the D-channel Interface card. Problems are reported in DCH messages.

Note: Complete operation of enhanced reporting requires X11 Release 17 or later, and QPC757 vintage E and later.

DCH release (RLS) and (EST) establish reports

A report is output when the D-channel is released or established. The format of this report is:

```
DCH x   EST   hh:mm:ss    mm/dd/yyyy
DCH x   RLS   hh:mm:ss    mm/dd/yyyy
```

Where x is the D-channel number and RLS or EST indicates if the channel was released or established. The time and date is also output.

X11 Release 17 introduces enhanced D-channel reports.

The format of this report is:

```
DCH x   EST REASON   hh:mm:ss    mm/dd/yyyy
DCH x   RLS REASON   hh:mm:ss    mm/dd/yyyy
```

The REASON indicates why the D-channel was released or re-established. The following reasons may be output when the D-channel is released:

CONFIRM = Released a D-channel due to a request from Meridian 1 software.

CTS DOWN = Released a D-channel because a Clear To Send signal from the DCE interface has dropped. Check the DCE interface (PRI or modem) and associated cables.

NO EXT CLK = No external clock received from the DCE interface. Check the DCE interface (PRI or modem) and associated cables.

NO RESPONSE = No response from far end after N200 transmissions. No action required, problem is at the far-end.

RED ALRM = Red (local) alarm has occurred. Check the PRI loop.

REMOTE = Release was initiated by the far-end. No action required, problem is at the far-end.

SABME WDM = Far-end responded to SABME with DM. No action required, problem is at the far-end (X11 Release 18).

TEST MODE = Release prior to entering test mode (X11 Release 18).

WRONG MODE = Release a D-channel due to an incorrect master/slave configuration (see prompt SIDE in LD 17).

YEL ALRM = Yellow (remote) alarm has occurred.

The following reasons may be output when the D-channel is re-established:

AUTO REC = Reestablished a D-channel due to auto-recovery.

CONFIRM = Established a D-channel due to a request from Meridian 1 software.

DMFO FRAME REC = Reestablished a D-channel after receiving a DM frame in the timer recovery state (X11 Release 18).

FRAME REC = Reestablished a D-channel after receiving an undefined frame from the far-end.

FRMR REC = Reestablished a D-channel after receiving a Frame reject from the far-end.

INDICATION = Established a D-channel.

INFO FRAME REC = Reestablished a D-channel after receiving a frame type with an information element field which is not allowed (X11 Release 18).

N(R) REC = Reestablished a D-channel after receiving a bad N(R) from the far-end.

N201 REC = Reestablished a D-channel after receiving a frame with an information field longer than N201 from the far-end.

N2X4 RNR REC = Reestablished a D-channel after receiving a N2X4 consecutive RNR frames (X11 Release 18).

TIMER REC = Reestablished a D-channel due to timer recovery.

WRONG HDRL REC = Reestablished receiving a frame with an incorrect header length (X11 Release 18).

With MSDL D-channels the layer 2 can respond with a reason for link reset or disable condition. The output is:

DCH: xx I PRIMI: RESET_IND TIME: hh:mm:ss

RESET_IND - rrrrrrr

DCH : xx I PRIMI : DSBL_IND TIME: hh:mm:ss

DSBL_IND - rrrrrrr

Where, rrrrrr is the reason for the reset or disable as follows:

NO RESOURCES — Configure the DCH on a different MSDL card.

DTE/DCE or RS232/R422 — Check switch settings on MSDL card and far-end.

LAYER 2 ERROR — Disable the DCH and enable with force download option.

DCH messages

DCH0000	Program identifier.
DCH0001	ISDN package is not equipped.
DCH0002	Command not allowed.
DCH0003	DCHI is disabled.
DCH0004	Only one link can be monitored at one time.
DCH0005	Undefined link/DCHI state. There is a software/hardware mismatch. **Action:** 1. Disable and re-enable the DCHI card. 2. Check DCHI status.
DCH0006	DCHI not responding. **Action:** 1. Disable and re-enable the DCHI card. 2. 2. Check DCHI status.
DCH0007	Command invalid at this state.
DCH0008	Invalid source to the Overlay.
DCH0009	Invalid command entered.
DCH0010	Invalid parameter #1.
DCH0011	Invalid number of parameters.
DCH0012	DCHI is not configured.
DCH0013	Invalid message type.
DCH0014	Invalid IE type.

DCH0015	Invalid link monitor status.
DCH0016	Invalid link/DCHI number.
DCH0017	Invalid key entered.
DCH0018	Invalid total keys entered.
DCH0019	Invalid table number.
DCH0020	Transmit buffer is not empty.
DCH0021	Receive buffer not ready. **Action:** Check DCHI status.
DCH0022	Invalid Octet number.
DCH0023	Unexpected loop input.
DCH0024	Backup DCH is not configured.
DCH0025	DCH is already active.
DCH0026	Specified DCH is not established. **Action:** DCH must be in established state before switch command can be carried out.
DCH0027	DCH already established.
DCH0028	Command only valid for D-channels on MSDL card.
DCH0029	DCH has to be enabled first.
DCH0030	DCH has to be in Test Mode first.
DCH0031	Unable to enable the local loopback substate because the sub state is not idle.
DCH0032	Unable to disable the local loopback sub state because it is not in the local loopback sub state.
DCH0033	Unable to enable the remote loopback sub state because the sub state is not idle.
DCH0034	Unable to disable the remote loopback sub state because it is not in the remote loopback sub state.

DCH0035 Unable to run the local loopback test because the link is not in a local loopback sub state.

DCH0036 Unable to run the remote loopback test because the link is not in an idle sub state.

DCH0037 The feature specified for monitoring is invalid. Parameter #5 is not a recognized feature.

DCH0038 Invalid DCH number for ENL command.

DCH0039 Invalid DCH state for enabling the link.

DCH0040 Wrong number of input parameters for the enable command.

DCH0041 Input enable command not recognized.

DCH0042 MSDL card has to be in operational state.

DCH0043 Invalid DCH number.

DCH0044 Test or DCH maintenance command is not supported for D-channels configured on the MSDL card.

DCH0045 MSDL card is disabled.

DCH0046 Invalid maintenance request for DCH link.

DCH0047 {DCH #} {D-channel data} Command is not supported for UIPE D-channels.

DCH0048 {DCH #} {D-channel data} Set D-channel pointers failed for Download database.

DCH0049 {DCH #} {D-channel data} D-channel has to be on MSDL card.

DCH0050 {DCH #} {D-channel data} D-channel has to be UIPE for download database command.

DCH0051 {DCH #} {D-channel data} MSDL card is not operational.

DCH0052 {DCH #} {D-channel data} D-channel has to be enabled.

DCH0300 Test 200, interrupt handler interface, failed.

Action: If test continues to fail, report software problem.

DCH0301 Test 201, interrupt handler-to-link interface, failed.

Action: If test continues to fail, report software problem.

DCH0302 DCHI test 101 failed. No interrupt, but good data.

Action: Replace DCHI.

DCH0303 DCHI test 101 failed. There is interrupt, but bad data.

Action: Replace DCHI.

DCH0304 DCH test 101 failed. No interrupt and bad data.

Action: Replace DCHI.

DCH0305 DCHI test 100 failed. Stuck interrupt.

Action: Replace DCHI.

DCH0401 That command is not allowed. This is a single octet information element.

DCH0402 Only three message types can be specified in one command.

DCH0403 Only one feature can be monitored at one time.

Action: STAT MON {DCH#} to see what is currently being monitored.

DCH0404 Invalid TN or no TN was entered.

DCH0405 Only five TNs can be specified for incoming or outgoing messages.

DCH0406 This TN has been specified already.

DCH0407 TN does not associate with the selected D-channel.

DCH0408 Backup D-channel is not allowed; primary D-channel should be used.

DCH0410 The ENL SERV command cannot be executed when the primary D-channel and, if equipped, the backup D-channel are in the established state.

Action: Disable both D-channels before entering the ENL SERV command.

DCH0411 SDCH command is allowed only when IFC = SL-1 and RCVP = NO in LD 17.

DCH0421 dch# OVLD xxxx dch# is the d channel number, xxxx is the number of ISDN messages during last time interval)

The overload control for the indicated PRI D channel is active. Any incoming new call setup is rejected by protocol control.

Action: No action required unless this event is reported continuously on the same D channel. In those cases, one needs to investigate the cause and determine whether the D channel overload threshold value needs to be adjusted

in Overlay 17 for the given D channel.

DCH1001 Invalid primitive-ID.

Action: Check DCHI status.

DCH1002 Unexpected primitive.

Action: Check DCHI status.

DCH1003 Protocol error.

Action: 1. If the error continues, check DCHI card status.

2. If the problem still continues, report it.

Output format:

DCH1003 DCH: w PROTOCOL: x LAYER: y ERROR: z

Where:

w = DCH device number

x = protocol used

y = layer number 1, 2 or 3

z = error condition which depends on the layer number

When y = 1, x = :

01H = illegal or unimplemented primitive

02H = no handshake signal, check link status/database

03H = invalid DCH configure table, check database

04H = invalid LRC at last download table, S/W problem

05H = data is too short, far end or SL-1 S/W problem

06H = data is too long, far end or SL-1 S/W problem

When y = 2, x = :

01H = peer initiated re-establish link, no action

02H = unsuccessful retransmission (N200 retries) for SABME, far-end problem

03H = unsuccessful retransmission (N200 retries) for DISC, far-end problem

04H = N(R) error, far-end problem

05H = received information field exceeding N201, far-end is sending bad data

06H = received non-implemented/undefined frame, far-end problem

07H = received I-frame but not allowed, far-end problem

08H = received FRMR frame

When y = 3, x = :

01H = received message with less than 4 octets far-end or SL-1 S/W problem

02H = received message with unsupported protocol discriminator, far-end or SL-1 S/W problem

03H = received message with unsupported information element, far-end or SL-1 S/W problem

04H = received undefined/unimplemented message type, check DCH download table

05H = received message with mandatory information element, far-end or L-1 S/W problem

06H = invalid call reference number, far end or SL-1 S/W problem

07H = invalid IE contents in optional IE field, far end or SL-1 S/W problem

08H = invalid IE contents in mandatory IE field, far end or SL-1 S/W problem

DCH1004 PRI is out-of-service.

DCH1005 Link release error.

Action: 1. Check DCHI status

2. Check the PRI to DCHI cable

3. Check PRI status

DCH1006 Link establishment error.

Action: 1. Check DCHI status

2. Check the PRI to DCHI cable

3. Check PRI status

DCH1007 Interrupt was lost.

Action: If more than ten times per day, run DCHI tests 200 and 201.

DCH1008 Output request buffer overflow.

Action: If more than five times per day, reset D-channel output buffer size in LD 17, using prompt OTBF.

DCH1009 PRI reported DCHI is out-of-service.

Action: 1. Check DCHI status

2. Check PRI status

3. Check the PRI to DCHI cable

DCH1010 DCHI is software disabled.

DCH1011 Late link establishment.

Action: 1. If the far-end is disabled, no action needed.

2. If the far-end is active, increase the timer threshold in LD 17, using prompt T200.

DCH1012 Late link release.

Action: 1. If the far-end is disabled, no action needed.

2. If the far-end is active, increase the timer threshold in LD 17, using prompt T200.

DCH1013 Invalid DCHI status due to software/hardware mismatch.

Action: 1. Disable and re-enable the DCHI card

2. Check DCHI status

DCH1014 Invalid DCHI status due to software/hardware mismatch.

Action: 1. Disable and re-enable the DCHI card

2. Check DCHI status

DCH1015 Receive buffer full.

Action: If more than five times per day, disable and re-enable DCHI.

DCH1016 Transmit buffer full.

Action: Check the DCHI card.

DCH1017 No end-of-message.

Action: Definitely a DCHI problem. Check the DCHI card.

DCH1018 No transmit buffer available.

Action: 1. Check PRI to DCHI cable

2. Check PRI status

3. Check DCHI status

DCH1019 DCHI is hardware disabled.

DCH1020 DCH1020 indicates the standby D-channel is not in the EST state during the switchover.

DCH1021 The DCHI is reset because too many DCH1015 messages have occurred.

DCH1024 The DCH port on the MSDL card could not be enabled because the MSDL card is not in an operational state.

DCH1025 Did not receive a confirmation from Layer 2 for MSDL DCH test state event; therefore, a timeout has occurred.

DCH1026 An invalid timeout occurred for the DCH test state. No further action is required for this event.

DCH1027 An invalid test confirmation was received from layer. No further action is required for this event.

DCH1028 The DCH has to be on the MSDL card for the maintenance task requested.

DCH1029 Resynchronization of the flow control counters failed when a flow control condition was detected by the MSDL DCH Handler application.

DCH1030 Output request buffer overflow for D channels on the MSDL card.

Action: 1. Check PRI to DCHI cable.

2. Check PRI status.

3. Check DCHI status

DCH1031 x Cannot enable DCH x because IPRA package is restricted.

DCH1039 The feature you specified to disable has not been enabled.

Action: STAT MON {DCH#} to see what is currently being monitored.

DCH1040 The requested operation does not apply to the selected interface.

Action: Attempt to enable SERV messages on an APISDN IFC.

DCH1042 DCH does not have GF capability.

DCH1043 Invalid call reference number.

DCH2001 {DCH #} {D-channel data} DCH link established a timeout. Request to establish D-channel link failed and DCH will be reset.

DCH2002 {DCH #} {D-channel data} Unexpected primitive received.

DCH2003 {DCH #} {D-channel data} Invalid link state for timeout event.

DCH2004 {DCH #} {D-channel data} Invalid DCH application status in timeout event.

DCH2005 {DCH #} {D-channel data} PRI reported DCH is out of service.

DCH2006 {DCH #} {D-channel data} Layer2 reset timeout

DCH2007 {DCH #} {D-channel data} Invalid check PRI timeout - no PRI loop.

DCH2008 {DCH#} {D-channel data} PRI is out of service.

DCH2009 {DCH #} {D-channel data} PRI is out of service.

DCH2010 {DCH #} {D-channel data} Enable Request Timeout.

DCH2011 {DCH #} {D-channel data} Layer2 establish timeout.

DCH2012 {DCH #} {D-channel data} No confirmation received from loadware for test mode.

DCH2013 {DCH #} {D-channel data} Invalid test mode timeout event.

DCH2014 {DCH #} {D-channel data} DCH link release timeout error.

DCH2015 {DCH #} {D-channel data} Polling failed to release link.

DCH2016 {DCH #} {D-channel data} DCH enable request denied - MSDL is not operational.

DCH2017 {DCH #} {D-channel data} Invalid DCH link state - Enable request denied.

DCH2018 Cannot establish link - link is in test mode.

DCH2023 {DCH #} {D-channel data} Maintenance request denied - DCH is not enabled.

DCH2040 {DCH #} {D-channel data} PRI reported that primary D-channel is out-of-service.

DCH4283 Both D-channels have been released.

Action: Establish the D-channel.

DCH4285 {error} The ISPC command (EST, RLS or STAT) cannot be executed on the ISPC slave D-channel trunk.The format of the message is: DCHxxxx {error} where {error} is:

0: Tn entered is not a valid DTI2 phantom TN.

3: The trunk must be configured with the DTN class of service.

4: Data corruption with the route pointer.

7: The route is not configured with DSEL = DTA.

8: The route must not be an ISL route.

9: The route is not configured with DLTN = Yes.

10: The route is not configured as incoming.

11: The route is not configured with PRDL = BSY.

14: The route is not configured with NEDC = ETH.

15: The route is not configured with FEDC = ETH.

16: The route is not configured with CPDC = NO.

17: DDD_PACKAGE is restricted.

18: The trunk is not configured with SDCH =YES and SMAS = NO (i.e. Slave channel)

19: The ISPC Slave channel is not in Release state therefore the command cannot be executed. Do a RLS ISPC command first.

Action: Check system configuration, and retry the command.

DCH4288 The overloaded DCH MSDL port needs to be disabled before it can be enabled.

Action: Place the D-channel in the manually disabled mode with the command DIS DCH x.

DLO: Disk Layout

DLO messages

DLO0001	Unable to find symbol.
DLO0002	Unable to read from file, error x.
DLO0003	Unknown error code {codename}.
DLO0004	Unable to get active CMDU. Cannot look up symbol.

DSET: Digital Set Download

Digital Set downloading takes place during system reload.

DSET messages

DSET0000 DOWN LOAD 1 2 3 4 5 6 7 8 9 Digital Set downloading has taken place. This information appears once during system reload. Eight additional fields are associated with this output.

Output format is:

1 = the number of SSD messages sent

2 = the number of M3000 sets downloaded

3 = the number of Compact sets downloaded

4 = the number of Digital attendant consoles downloaded

5 = the number of M3000 sets that failed the download

6 = the number of Compact sets that failed the download

7 = the number of Digital attendant consoles that failed the download

8 = the current real time clock

DTA: Digital Trunk Diagnostic

The Digital Trunk Interface diagnostic program is used to maintain the following:

- QPC472 Digital Trunk Interface (DTI)
- QPC536 2.0 Mb/s Digital Trunk Interface (DTI)
- QPC720 Primary Rate Interface (PRI)
- QPC471 and QPC775—Clock Controller
- QPC785 2.0 Mb/s Digital Trunk Interface (DTI)
- NT8D72AA 2.0 Mb/s Primary Rate Interface (PRI2)

DTA messages

DTA0001 loop	Data block is not defined.
DTA0002 loop	Message received with wrong chip field.
DTA0003 loop	Power up message received.
DTA0004 loop	Phase Lock Loop (PLL) clear message is received without phase lock loop alarm.
DTA0005 loop	Yellow alarm (remote alarm) has occurred.
DTA0006 loop	Yellow alarm (remote alarm) 24-hour threshold has been exceeded. Manual intervention is required.
DTA0007 loop	Yellow alarm (remote alarm) is cleared.
DTA0008 loop	Yellow alarm (remote alarm) is disabled.
DTA0009 loop	Phase lock loop alarm has occurred.

DTA0010 loop	Phase lock loop alarm has cleared.
DTA0011 loop	Bit error rate warning threshold.
DTA0012 loop	Bit error rate out-of-service limit.
DTA0013 loop	Too many bit error rate out-of-service occurrences in 24 hours.
DTA0014 loop	Bit error rate alarm cleared.
DTA0015 loop	Frame slip—tracking—maintenance limit.
DTA0016 loop	Frame slip—tracking—out-of-service limit.
DTA0017 loop	Frame slip—free run (non-tracking)—maintenance limit.
DTA0018 loop	Frame slip—free run (non-tracking)—out-of-service limit.
DTA0019 loop	Frame alignment maintenance limit.
DTA0020 loop	Frame alignment out-of-service limit.
DTA0021 loop	Frame alignment alarm persisted for 3 seconds.
DTA0022 loop	Frame alignment alarm has cleared for at least 15 seconds.
DTA0023 loop	PRI loop is up.
DTA0024 loop	System initiated (automatic, LD 45 or LD 60) self-test on PRI loop L failed. All channels are disabled, loop is put into red alarm (local alarm).
DTA0025 loop	System initiated (automatic, LD 45 or LD 60) self-test on PRI loop L passed. Channels were previously disabled due to self-test fault or a loop-level self-test. Channels are enabled and red alarm (local alarm) is removed.
DTA0026 loop	Non-tracking frame slip out of service limit is reached while monitoring frame slip improvement. Trunks remain out-of-service and the improvement timer (prompt SRIM in LD 73) is restarted.
DTA0027	Frame slip—free run (non-tracking)—guard timer expired. Trunks are kept out of service. Software is checking for slip rate improvement. The improvement criterion is the number of maintenance messages the system gets during the guard time.
DTA0028 loop	Slip rate improvement criterion is not met. Trunks remain out-of-service, improvement timer is reset (prompt SRIM in LD 73).

DTA0029 loop	Non-tracking frame slip rate improvement criterion is met. Trunks being returned to service.
DTA0030 loop	Alarm status input message received from an unexpected loop.
DTA0100 l s c u	Far-end hardware corresponding to Virtual Terminal l s c u is disabled.
DTA0101 l s c u	Far-end hardware corresponding to Virtual Terminal l s c u is enabled.
DTA0102 loop	Power is up on the PRI2 board.
DTA0103 loop	Problem in loop or channel message of PRI2.
DTA0104 loop	Channel self-test report for PRI2.
DTA0105 loop	Loop self-test report for PRI2.
DTA0106 loop	PRI2 Loop is in acceptable state.
DTA0107 loop	PRI2 Loop is in G1 MNT state.
DTA0108 loop	PRI2 Loop is in G1 NNC state.
DTA0109 loop	PRI2 Loop is in G1 OOS state.
DTA0110 loop	PRI2 Loop is in G2 MNT state.
DTA0111 loop	PRI2 Loop is in G2 NNC state.
DTA0112 loop	PRI2 Loop is in G2 OOS state.
DTA0113 loop	PRI2 Loop is in OOS state with no auto-start.
DTA0114 loop	PRI2 loop is disabled, and message received is not power up.
DTA0115 loop	Unsolicited PRI2 message received.
DTA0116 loop	PRI2 loop is in G1 NNDC state.
DTA0117 loop	PRI2 loop is in G2 NNDC state.
DTA0200 loop	The DTI2 (NI and CI-1) firmware has initialized.
DTA0201 loop	The Carrier Interface (CI-1) firmware has initialized.
DTA0202 loop	The Network Interface (NI) firmware has initialized.

DTA0203 loop e A Group 2 error has been detected by the DTI card. Error (e) = 1 to 127 (Decimal). Listed below are various error types (e) and their value in decimal.

Error Type (e); Abbreviation; Decimal Value

Loss of CRC4 Multiframe Alignment; CF; 1

64 kb Alarm Indication Signal; AS; 2

B6 TS0 non-FAS (far-end OOS); C3; 4

Loss of Frame Alignment; LF; 8

Loss of Multiframe Alignment; LM; 16

Alarm Indication Signal; AI; 32

B3 TS16 Frame 0 (far-end OOS); C6; 64

To interpret any given value of (e), you must translate (e) to binary. For example, if (e) = 24 (decimal), the translated binary value = 0 0 1 1 0 0 0. This binary value may now be interpreted as follows:

0 = C6

0 = AI

1 = LM

1 = LF

0 = C3

0 = AS

0 = CF

Therefore, the errors are for LF and LM.

DTA0203 loop x y A Group 2 error has been detected by the PRI2 card. The error information is decoded as follows, where x :

4 = LOS (loss of signal)

3 = AIS (alarm indication signal)

2 = LFAS (loss of frame)1 = LMAS (loss of CRC multiframe)

0 = RAI (remote alarm indication)

Where y:

2 = alarm occurred

1 = alarm persisted

0 = alarm cleared

Example: DTA203 7 4 2 - PRI loop 7 loss of signal occurred.

DTA0204 loop e Incomplete or incorrect ANI was received by CDTI2/CSDTI2 FW (outgoing trunk) which reports this fact to the main CPU by SSD messin 9 (NI problem report).

Action: This is a “warning only” message. No additional actions are taken. The call will be processed regularly. However, FW will use the special hardcoded in FW value as ANI.

DTA0205 loop e The CI-1 firmware has encountered a problem.

Action: Refer to DTI009 for CI-1 microprocessor error codes (e).

DTA0206 loop Response to channel status poll has timed out. The channel has been disabled.

DTA0207 loop s c An invalid signal has been received from the DTI. Where: s = ABCD signal received from DTI; c = channel.

DTA0208 loop s c An invalid signal has been requested to be sent to the DTI. Where: c = channel, s = signal type requested.

DTA0209 loop DTI loop is in acceptable state.

DTA0210 loop e DTI loop is in Group 1 MNT state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC- CRC4 Violation (Option 11 only)

DTA0211 loop e DTI loop is in Group 1 NNC state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation (Option 11 only)

DTA0212 loop e DTI loop L is in Group 1 OOS state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation (Option 11 only)

DTA0213 loop e DTI loop is in Group 2 MNT state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation (Option 11 only)

DTA0214 loop e DTI loop is in voice Group 2 NNC state, where error (e) is one or more of:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment (Option 11 only)

DTA0215 loop e DTI loop is in Group 2 OOS state, where error (e) is one or more of the following:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment (Option 11 only)

DTA0216 loop e DTI loop is in Group 1 MNT state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC- CRC4 Violation (Option 11 only)

DTA0217 loop e DTI loop is in Group 1 NNC state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation (Option 11 only)

DTA0218 loop e DTI loop L is in Group 1 OOS state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation (Option 11 only)

DTA0219 loop e DTI loop is in Group 2 MNT state, where error (e) is one or more of:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment (Option 11 only)

DTA0220 loop e DTI loop is in voice Group 2 NNC state, where error (e) is one or more of:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignmentCFAS - Loss of CRC4 Multiframe Alignment (Option 11 only)

DTA0221 loop e DTI loop is in Group 2 OOS state, where error (e) is one or more of the following:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment (Option 11 only)

DTA0222 loop DTI loop is in OOS state with no auto-start.

DTA0223 Wrong ABCD bits change reported by proper SSD messin from CDTI2/ CSDTI2 FW.

Action: Trunk is locked out.

DTA0223 loop s ch An invalid signal has been received from the DTI. It matches CCITT fault signal. Far-end may be disabled. Where: c= channel and s = ABCD signal received from DTI.

DTA0224 loop ch DTI loop audit has found channel (ch) to be in an invalid HALFDISCONNECT state (trunk lock-up). An disconnect attempt is being made on the CHNL.

DTA0225 loop DTI loop is in G1 NNDC (No New Data Call) grade-of-service. Where (e) is one or more of the following:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - CRC-4 Violation

DTA0226 loop DTI loop is in G2 NNDC (No New Data Call) grade-of-service. Where (e) is one or more of the following:

C3 - B3 TS0 non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment (Option 11 only)

DTA0300 loop A slip repetition has occurred on PRI2 loop.

DTA0301 loop A slip deletion has occurred on PRI2 loop.

DTA0302 loop A slip repetition overflow has occurred on PRI2 loop.

DTA0303 loop A slip deletion overflow has occurred on PRI2 loop.

DTA0304 loop A BPV unavailable condition has occurred on PRI2 loop.

DTA0305 loop A CRC unavailable condition has occurred on PRI2 loop.

DTA0306 loop A FAP unavailable condition has occurred on PRI2 loop.

DTA0307 loop A BPV no-new-calls condition exists on PRI2 loop.

DTA0308 loop A CRC no-new-calls condition exists on PRI2 loop.

DTA0309 loop A FAP no-new-calls condition exists on PRI2 loop.

DTA0310 loop A BPV maintenance condition has occurred on PRI2 loop.

DTA0311 loop A CRC maintenance condition exists on PRI2 loop.

DTA0312 loop A FAP maintenance condition exists on PRI2 loop.

DTA0320 loop DTI loop error reporting was disabled due to an overload of input messages.

DTA0321 loop Error reporting re-enabled on DTI loop after being disabled by an input overload (DTA320).

DTA0322 l ch w x y z An invalid pulsed signal has been received from the DTI. Where:

l = DTI loop/card number

ch = channel number

w = start bits (the ABCD bit pattern before analysis of the pulse)

x = pulsed bits (the ABCD pattern which was possibly part of a pulsed signal)

y = end bits (the ABCD pattern received after the pulse)

z = duration (length of the pulse in milliseconds

DTA0323 loop mtype An unexpected message type. Messin 28 received is permissible for DTI2 loop on CDTI2 card only.

(mtype - message type)

DTA0324 {loop number} A Phantom DTI2 loop has been found in a disabled state and is put back in an enabled state.

Action: None, as the cause of the data corruption has been cleared.

DTA0325 {TN1} {TN2} {N} An ISPC phantom DTI2 (or an ISPC PRI2 trunk) has been found in an invalid state. To avoid any new problem in the system, the calls are cleared in the following manner:

- The ISPC phantom DTI2 trunk is put in a disabled state. - The ISPC call active on the PRI2 trunk (which is linked with the phantom DTI2 trunk) is cleared.

Where: TN1 = TN of the phantom DTI2 trunk TN2 = TN of the real PRI2 trunk N = Details of the problem, as follows:

1 - TNTRANS of PHTN_PHANTOM failed.

2 - No ACTIVECR on the PRI2 trunk.

3 - TERTN of ACTIVERCR is not equal to PHTN_PHANTOM.

4- No link from phantom DTI2 trunk to the PRI2 trunk.

5 - the flag ISPC active of the PRI2 TN is not set.

6 - PHTN_PHANTOM of PRI2 is not the TN of the DTI2 unit.

7 - The PRI2 unit is not the orig party of the ISPC CR.

11 - TNTRANS of PHTN_REAL failed.

12 - The real TN of the phantom DTI2 TN is not a PRI2 TN.

13 - The flag ISPC active of the DTI2 TN is not set.

14 - The ISPC_CR of the DTI2 unit is not valid.

15 - The DTI2 unit is not the terminating party of the ISPC CR.

16 - The field PHTN_REAL of the DTI2 trunk should be null as the trunk is disabled. Field is corrected.

17 - The field PHTN_PHANTOM of the DTI2 trunk should be null as the trunk is disabled. Field is corrected.

18 - The field ISPC_ACTIVE of the DTI2 trunk should be null as the trunk is disabled. Field is corrected.

20 - the MAINPM of the ISPC call register is not established.

21 - There are some timeslots in the ISPC call register.

22 - the ISPC_CR of the DTI2 unit is not the ACTIVECR of the PRI2 unit.

DTC: Digital Trunk Clock Controller Diagnostic (LD 60)

The Digital Trunk Interface diagnostic program (LD 60) is used to maintain the following:

- QPC472 Digital Trunk Interface (DTI) card
- QPC720 Primary Rate Interface (PRI) card
- QPC775 Clock Controller card
- QPC471 Clock Controller card
- NTAK09 1.5 Mb/s (DTI/PRI) Interface Card
- NTAK10 2.0 Mb/s (DTI) Interface Card
- NTAK79 2.0 Mb/s Primary Rate Interface (PRI)
- NTAK20 Clock Controller
- NTAK93 (PRI) D-channel Handler Interface

The DTC messages indicate problems with the Clock Controllers.

DTC messages

DTC0001	Clock controller tracking on primary source loop.
DTC0002	Clock controller tracking on secondary source loop.
DTC0003	Clock controller cannot be accessed.
DTC0004	Clock controller indicates clock aging error (not locked on in five seconds).
DTC0005	Reference clock switched to secondary source from primary.

DTC0006	Reference clock switched to free run mode from secondary or primary.
DTC0007	Active reference clock is set to retrack primary.
DTC0008	Active reference is free run or the clock controller cannot be accessed.
DTC0009	Clock controller has been switched.
DTC0010	UART error is detected. Active CC cannot contact other CC.
DTC0011	Clock controller self-test failed; error exists.
DTC0012	Clock controller has reference clock problem.
DTC0013	Clock controller has tracking problem.
DTC0014	Clock controller set to free run.
DTC0015	Clock controller set to secondary.
DTC0016	Clock controller restored from free run or secondary to tracking on primary.
DTC0017	Clock controller restored from free run to tracking on secondary.
DTC0018	Cannot switch or restore to a reference clock because automatic reference clock switching option is disabled.
DTC0100	An invalid error message was received from the clock controller.
DTC0101	Only allow to disable the secondary clock reference.
DTC0102	Only allow to enable the secondary clock reference.
DTC0103	System is locked to primary clock reference.
DTC0104	System is locked to secondary clock reference.
DTC0105	System is locked to free run.
DTC0106	Supposed to free run but hardware is tracking to primary.
DTC0107	Supposed to free run but hardware is tracking to secondary.
DTC0108	Supposed to track primary but hardware is tracking to secondary.
DTC0109	Supposed to track on secondary but hardware is locked to primary reference

DTC0110	Supposed to track on secondary but hardware is tracking to primary.
DTC0120	TRCK PLL1 is not possible if expansion cabinet 2 is not configured.
DTC0121	TRCK PLL1 Failed.
DTC0122	TRCK PLL2 is not possible if expansion cabinet 4 is not configured.
DTC0123	TRCK PLL2 Failed.

DTD: Dial Tone Detector Diagnostic (LD 34)

The Tone and Digit Switch and Digitone Receiver diagnostic program (LD 34) tests cards are used in generating and detecting tones in the SL-1 system. Response to commands for the Dial Tone Detector card are output as DTD messages. Response to commands for the Tone and Digit Switch card are output as TDS messages.

DTD messages

DTD0001 l s c u	"Failure to detect" has exceeded the allowable limit for Dial Tone Detector (DTD) card l s c u.
DTD0002 l s c u	The DTD specified by l s c u has failed to pass the response test.
DTD0003	Fifty percent of all DTD cards in the system are disabled.
DTD0004	Test is not specified in configuration.
DTD0005	Too many messages from DTD specified by TN.
DTD0006	DTD configured but not used.
DTD0120	Card is disabled unless 50 percent of the cards are already disabled.
DTD0121 10 xx	DTD card responded incorrectly to tone test. Card sent input message of xx.
DTD0122	Card failed Dial Tone Detector Test.
DTD0123	Card did not respond when DTD test was initialized.
DTD0124	Card did not respond when test tone was applied.

DTI: Digital Trunk Interface Diagnostic (LD 60)

The Digital Trunk Interface diagnostic program (LD 60) is used to maintain the following:

- QPC472 Digital Trunk Interface (DTI)
- QPC536 2.0 Mb/s Digital Trunk Interface (DTI)
- QPC720 Primary Rate Interface (PRI)
- QPC471 and QPC775 Clock Controller
- QPC785 2.0 Mb/s Digital Trunk Interface (DTI)
- NTAK09 1.5 Mb/s (DTI/PRI) Interface Card
- NTAK10 2.0 Mb/s (DTI) Interface Card
- NTAK79 2.0 Mb/s Primary Rate Interface (PRI)
- NTAK20 Clock Controller
- NTAK93 (PRI) D-channel Handler Interface

DTI messages

DTI0000	LD 60 identifier.
DTI0001	Invalid input character.
DTI0002	Invalid command.
DTI0003	Incorrect number of parameters.
DTI0004	Incorrect customer number.

DTI0005 Invalid parameter.

DTI0006 Loop specified is not a DTI/PRI loop. System Option 11 Card specified is not a DTI/PRI Card.

DTI0007 DISI request already active.

DTI0008 DISI command is complete.

DTI0009 l ch e DTI/DTI2/PRI/PRI2 loop or channel failed hardware self test.

For Option 11 systems with PRI2, this message can be followed by DTA105 messages with additional error codes. For DTI/PRI/PRI2 the output data is: l = loop (for Option 11, l = card) ch = channel e = error code for debug purposes

For DTI2 the output data is: DTI009 l m e

l = loop (for Option 11, l = card)

m = N for NI microprocessor

m = C for CI microprocessor

e = error code for debug purposes.

Error codes for NI microprocessor (m = N):

00 = NI self-test has finished

01 = Undefined messout received

02 = Problem with group 2 error handling (invalid level)

03 = NI to CI FIFO full (128 messages lost)

04 = CI-1 Micro failed to initialize on power-up

05 = NI group 1 error handling - undefined condition found

06 = Bad MESSOUT number 6 encountered

07 = NI Messout queue fails

08 = NI Messin queue full

09 = NI priority Messin queue is full

10 = Bad MESSOUT number 10 encountered

11 = TN = 0 read from regular queue

12 = TN = 0 read from priority queue

14 = Bad TN associated with MESSOUT number 4

15 = Bad TN associated with MESSOUT number 15

50 = External RAM in range 880H-8EFH failed (MESSIN queue)

51 = Internal RAM test failed

52 = Pad RAM test failed

53 = External RAM test failed

54 = 8253 timer/counter test failed

55 = Slip counter test failed

56 = Loopback of TS 16 frame 0 failed

57 = Loopback of non fas TS O failed

58 = Echo test to CI-1 micro failed

255 = Loss of NI FIFO synchronization (Stop byte = 0 not found).

DTI009 error codes for CI microprocessor (m = C):

03 = A complete message was not received from NI micro

128 = Message received by CI-1 through FIFO requested an undefined task

129 = Message number 26 contained more than one bit set to indicate which of the ABCD bits is to be used for PPM

130 = An attempt was made to set the flag to invoke the pulse timer for TS 0

131 = A request for a task defined under Messout 30 has been received with the TN of TS 0

132 = Attempt was made to enable outpulsing TS 0 or TS 16

133 = A Messout 31 has been received for TS 0 or TS 16 with the pulse hold time not = 0

134 = An attempt has been made to set the bit to invoke the pulse timer for TS 0 or TS 16

135 = A request for outpulsing was received, but outpulsing data was not downloaded

137 = A request for PPM counting was received, but the was not downloaded

138 = A Messout 30 was received requesting a task to be performed for DTI TS 16 which is not allowed

139 = The 8031 on CHIP RAM failed self-test

140 = The TS 16 signalling RAM and/or the TS 16 pick-up buffer failed self-test.

141 = The CI-1 micro external RAM failed self-test

142 = Attempt was made to set/clear the flag used to invoke PPM pulse timing for DTI timeslot 0 or 16

143 = CI-2 micro responded to echo request message but response was in error

144 = CI-2 micro failed to respond to request echo message

145 = SL-1 TN of MESSOUT received is not 0 0 7 3 (self-test)

146 = The TN of MESSOUT 26 received was not that or TS 0

147 = The TN of MESSOUT 28 received was not that of TS 0

148 = The TN of MESSOUT 29 received was not that of TS 0

149 = Upon enabling the DTI pack, the CI-1 was unable to write Frame 0, TS 16 with ’0B’

150 = MESSOUT 26 was received with the PPM counting bit (abcd) all equal to zero

151 = MESSOUT 28 was received with the outpulsing bit (abcd) equal to zero

152 = CI-2 failed to respond to the CI-1 watch dog message153 = The CI-2 failed to respond to five consecutive watchdog messages and is assumed to be out-of-service

154 = Messout received requesting the lower nibble of MFAS pattern to be written with something other than ’0000’

155 = MESSOUT received requesting ’0000’ to be written into an ’abcd’ state

156 = MESSOUT received with a TN outside the range shelf 0, card 8-1, unit 3-0

157 = CI-1, NI FIFO overflowed, and has been cleared. 128 messages were lost.

159 = Cannot request complex messaging on ch 0 or ch 16

160 = Message queue for this channel is full

161 = Message queue for this channel is almost full=

163 = TN received was not that of TS 0

164 = Continuous pulse detection not allowed on channel 0

165 = Continuous pulse detection not allowed on channel 16

166 = Maximum continuous pulse time must be greater than the minimum

167 = Cannot have PPM and Continuous Pulse Detection at the same time

168 = Cannot request PPM actions when Continuous Pulse is on

DTI0010 loop c System clock c cannot be switched in to replace active clock; or another loop is already in loopback mode.

DTI0011 c	System clock c cannot be switched in because loss of service will result to the peripheral signalling pack listed. The following fault clearing procedure may be performed. **Action:** If the problem persists contact your technical support representative. 1. Identify the GROUP(s) containing the identical PS cards. 2. Identify the IGS card(s) that supplies the clock signal from the indicated clock to the GROUP(s). 3. Use OVL 39 to disable and re-enable that IGS card(s) (ENL/DIS IGS n). 4. Retry switching clocks (SWCK).
DTI0012 x	Network loop/card x pack does not respond from IOTEST; loop/card x is disabled.
DTI0013 x	No channel is available on loop/card x for diagnostic test. No self-test is performed on loop/card x.
DTI0014 x	Loop/Card x is in remote loop-back mode; command not allowed
DTI0015 x	Loop/Card x is not specified as primary or secondary clock reference source.
DTI0016	The DTI package is not equipped; LD 60 is not allowed to load.
DTI0017	Previous command in progress; enter END to abort.
DTI0018 x	DISI command for loop/card x aborted.
DTI0019	The loop/channel or card/channel is not disabled for self-test or it is already in the requested set/reset loop-back mode.
DTI0020 x	Loop/Card x is already disabled. No action is taken.
DTI0021	Attempt was made to disable input TTY loop.
DTI0022 x	Loop/Card x is already enabled.
DTI0023 x ch	Cannot disable/enable loop/card x channel ch.
DTI0024	Loop/Card is enabled but no response from hardware.
DTI0025 x ch	Loop/Card x channel ch is not equipped.
DTI0026 c r	Invalid input parameter to LOVF command for customer c, route r.
DTI0027 x ch	Loop/Card x or loop/card x channel ch is not in loopback test mode.

DTI0028 x ch	No test result received before timeout from the specified loop/card x or loop/card
DTI0029 x	Loop/card x is enabled but red (local) and yellow (remote) alarms exist.
DTI0030 x	Loop/card x is enabled but red alarm (local alarm) exists.
DTI0031 x	Loop/card x is enabled but yellow alarm (remote alarm) exists.
DTI0032 x	Loop/card x is in yellow alarm (remote alarm) state or waiting for yellow alarm sending seized message from hardware. **Action:** Do not perform the automatic/midnight self-test.
DTI0033 x	Loop/card x is in red/yellow/audit state. Command not allowed.
DTI0034 loop	Switching in clock controller is not allowed for this machine type.
DTI0035	Clock controller does not exist.
DTI0036 x	Continuity checker on loop/card x is faulty. Network loop/card x probably faulty.
DTI0037 x	Unable to read partial alarm counts from DTI hardware on loop/card x. Following alarm counts are not complete.
DTI0038 x	No channel is available on loop/card x for diagnostic. Self-test was not performed.
DTI0039 x	Continuity test failed on loop/card x.
DTI0040 x ch	Loopback test failed on loop/card x channel ch.
DTI0041 x	Network memory test failed. **Action:** Replace network loop/card x.
DTI0042 x ch	No timeslots available for loopback test. Loopback test not tested on channel ch. If loop/card level test, all channels greater than and including channel ch not tested.
DTI0043	Another channel already in loopback mode.
DTI0044 x	Loop/card x enabled by midnight routine.
DTI0045 x	Self-test not performed on loop/card x because loop/card x was disabled manually.
DTI0046 x	Self-test not performed on loop/card x. Loop/card x could not be accessed.

DTI0047 x	Self-test not performed on loop/card x since loop/card x is in remote loop back mode.
DTI0048 x m	DTI loop/card x, Microprocessor m failed echo message self-test.
DTI0049 x ts	Network map in software indicates that timeslot ts of loop/card x is idle but the connection memory word for that slot on loop/card x is not idle.
DTI0050 x	Continuity checker on loop/card x is faulty. Network loop/card x is probably faulty.
DTI0051	DB (Clock Controller) is not defined.
DTI0052	Tracking rejected. Reference primary is not specified.
DTI0053	Unable to track on primary.
DTI0054	Tracking rejected. Reference secondary is not specified.
DTI0055	Unable to track on secondary.
DTI0056	Unable to access clock controller.
DTI0057	Unable to free run.
DTI0058	Supposed to free run but hardware is tracking on primary.
DTI0059	Supposed to free run but hardware is tracking on secondary.
DTI0060	Supposed to track on primary but hardware is tracking on secondary.
DTI0061	Supposed to track on primary but hardware is free run.
DTI0062	Supposed to track on secondary but hardware is tracking on primary.
DTI0063	Supposed to track on secondary but hardware is free run.
DTI0064	Cannot determine which CPU is in use.
DTI0065	System clock must be switched before proceeding.
DTI0066	Idle CPU must be switched in for active CPU before proceeding.
DTI0067 c	System clock generator c is already enabled.
DTI0068 c	System clock generator c is not responding.
DTI0069 x	Unable to track on loop/card x.

DTI0070	Clock cannot be switched. Unable to track the reference loop/card.
DTI0071	The ENCH loop/card ch command is not allowed here because the channel is
DTI0072	The ENCH loop/card ch command is not allowed because the associated D-channel is not established.
DTI0073 loop	If loop is a QPC720, then the pack is not responding. If loop is a QPC472, then ignore this message.
DTI0074 n	The clock controllers cannot be switched because clock controller n is software disabled. **Action:** Enable the disabled pack provided it is operational.
DTI0081	B-channel cannot be enabled until a DCH Link is established.
DTI0096	Loopback test on DTI2 is not supported on Option 11 since Release 20B.
DTI0097	Disabling of this DTI2 loop is not allowed because it is providing primary or secondary reference clock to the system and automatic switchover of the reference clocks has been disabled. **Action:** If this loop must be disabled for maintenance, then LD60 and enter command EREF to allow switchover of the ref clock. Afterwards, MREF can be entered to disallow automatic switchover again.
DTI0098	Command entered applies to 1.5 Mb DTI only.
DTI0099	Command entered applies to 2.0 Mb DTI only.
DTI0100 x	DTI link loop/card x is associated with an indirect command and Status Link. Loop/card x cannot be disabled until the CSL is disabled.
DTI0101	Server using channel for maintenance, cannot Remove Link.
DTI0108	No clock has been found in side S. This indicates that either there is no clock in side S or the clock installed in side S has its shelf-side switch set wrong.
DTI0200	WARNING: There is an active clock controller on the digital trunk card. If your intent is to remove the card from the shelf, disable the clock controller before removing the card from the shelf. (Option 11 only)
DTI0202 l	DTI loop l with LCMT B8ZS cannot be enabled because a QPC720 card is required.
DTI0203 l	DTI loop l with ESF framing format cannot be enabled because a QPC720 card

DTI0204 PRI2 card cannot be enabled because it may be in a wrong slot.

DTI0205 Clock found in group G side S is different from its address found during system initialization. No attempt to overwrite the address found during initialization.

DTI0206 More than one clock has been found in side S. The information on Group of the extra clock(s) is provided.

DTI0207 No clock has been found in side S. This indicates that either there is no clock in side S or the clock in side S has its shelf-side switch set wrong.

DTI0208 The command requested by the craft person is not applicable for Phantom DTI2 loops. Repeat the command on non-Phantom DTI2 loops.

DTI0209 Device locked by the Russian Call Monitoring feature. The command was not executed.

Action: Contact your technical support group.

DTI4130 Incompatible protocol between the interfaces.

Action: If this error continues, report it.

DTI4131 Incompatible protocol between the interfaces.

Action: If this error continues, report it.

DTI4132 ENCH L C command is not allowed because the associated D-channel is not established.

DTI4133 Command is specific to 7SIG interface.

Action: Check the configuration and then try again.

DTI4134 No blocking on an outgoing route only.

Action: Check the configuration and then try again.

DTI4135 Cannot enable DTI loop unless the TMDI card is operational

Action: Ensure the card is plugged in, then enable the card.

DTI4136 Attempt to enable T1E1 application or port failed.

Action: Try ENLL again, or try RST TMDI command in overlay 96.

DTI4137 Attempt to enable T1E1 port failed.

Action: Try ENLL again, or try RST TMDI command in overlay 96.

DTI4138 Set MSDLMISP PTR failed during enabling of T1E1 port. Data corruption may have occurred.

Action: Problem may be corrected by system initialization. If not contact your technical support group.

DTM: Digital Trunk Maintenance (LD 75)

The DTM messages indicate problems with digital trunks detected by the Digital Trunk Maintenance program (LD 75).

DTM messages

DTM0000	Program identifier.
DTM0001	Too many characters.
DTM0002	Invalid character input.
DTM0003	Invalid command.
DTM0004	Wrong number of parameters.
DTM0005	Invalid parameter.
DTM0006	Invalid customer number.
DTM0020	Card is not configured.
DTM0021	Card number is not specified.
DTM0022	Card number is out-of-range.
DTM0023	Card is already enabled.
DTM0024	Card does not respond.
DTM0025	Loop is not a DTCS/DDCS.
DTM0026	DTSL/DDSL is disabled.
DTM0027	Signaling link is not available.

DTM0030	Command is not allowed.
DTM0040	Message output has failed.
DTM0042	DTCS/DDCS cannot be disabled while its DTS1/DDSL is enabled.
DTM0043	Not a DTSL/DDSL.
DTM0046	Trunk is not a DASS2 card.
DTM0047	DTCS/DDCS is disabled.
DTM0048	Channel is already disabled.
DTM0049	A previous DISI has not completed.
DTM0050	Message not defined by MSG.
DTM0051	Invalid byte.
DTM0052	Invalid channel number.
DTM0053	Per Sig is disabled.
DTM0054	Action was not successful.
DTM0055	DISI complete.
DTM0300 n	DTSL/DDSL n has been stopped and is in the ENBL IDLE state.
DTM0301 n	DTSL/DDSL n has been started and is in the ENBL ACTIVE state.
DTM0302 n	DTSL/DDSL n has been started and is in the ENBL ACTIVE state but all of the channels are in the disabled state.
DTM0303 n	DTSL/DDSL n has failed to start and is still in the ENBL STARTING state.
DTM0304 n f	DTSL/DDSL n has failed its memory test while being enabled and remains in the disabled state. “f” indicates the reason for failure as follows: 0 test not completed in times 1 ROM check failed 2 RAM check failed 4 HDLC test failed
DTM0305 n	DTSL/DDSL n is undergoing memory test, command has been ignored.

DTM0306 n DTSL/DDSL n is being started, command has been ignored.

DTM0307 n DTSL/DDSL n is being stopped, command has been ignored.

DTM0308 n Five minutes have elapsed since DTSL/DDSL n was started and put in he active state and no channel reset acknowledgments have been received.

DTM0309 n DTSL/DDSL n has failed to start and will return to the idle state.

DTM0310 n z Alarm z has been detected by DDSL/DTSL n and it persisted for a time greater than the persistence time defined for that alarm. The alarm z is a code number that is indicated as follows:

0 = TBF — Transmit Buffer Full

1 = FAE — Frame Alignment Error

2 = HER — High Error Rate

3 = TSF — Transmit Signaling Failure

4 = AIS — Alarm Indication Signal

5 = LOI — Loss of Input

6 = DAI — Distant Alarm Indication

DTM0311 n z Alarm z has been detected by DTSL/DDSL n but did not persist for a period greater than the persistence time. The alarm z is a code number that is indicated as follows:

0 = TBF — Transmit Buffer Full

1 = FAE — Frame Alignment Error

2 = HER — High Error Rate

3 = TSF — Transmit Signaling Failure

4 = AIS — Alarm Indication Signal

5 = LOI — Loss of Input

6 = DAI — Distant Alarm Indication

DTM0312 n z Alarm repeat count threshold has been exceeded for alarm z on DTSL/DDSL n. The alarm z is a code number that is indicated as follows:

0 = TBF — Transmit Buffer Full

1 = FAE — Frame Alignment Error

2 = HER — High Error Rate

3 = TSF — Transmit Signaling Failure

4 = AIS — Alarm Indication Signal

5 = LOI — Loss of Input

6 = DAI — Distant Alarm Indication

DTM0313 n Stop count threshold has been exceeded for DTSL/DDSL n.

DTM0314 n DTSL/DDSL n has been disabled.

DTM0315 n DTSL/DDSL n failed to respond to numerous “stop” messages and it will be disabled.

DTM0316 n z Alarm z has been detected by DTSL/DDSL n. DTSL/DDSL is not in the active state. The alarm z is a code number that is indicated as follows:

0 = TBF — Transmit Buffer Full

1 = FAE — Frame Alignment Error

2 = HER — High Error Rate

3 = TSF — Transmit Signaling Failure

4 = AIS — Alarm Indication Signal

5 = LOI — Loss of Input6 = DAI — Distant Alarm Indication

DTM0317 n DTSL/DDSL n does not respond.

DTM0318 n DTSL/DDSL n has been enabled.

DTM0319 n DTSL/DDSL n is about to be started.

DTM0320 n c Real channel c on DTSL/DDSL n has failed to reset and remains in the disabled state.

DTM0321 n c Virtual channel c on DTSL/DDSL n failed to reset and remains in the disabled state.

DTM0322 n c Real channel c on DTSL/DDSL n has been reset.

DTM0323 n c Virtual channel n on DTSL/DDSL n has been reset.

DTM0324 n Channel reset threshold has been exceeded for DTSL/DDSL n.

DTM0325 n DTSL/DDSL n is being reset.

DTM0326 n DTSL/DDSL n has been reset.

DTM0329 n c	Channel is not in a state where it can be reset.
DTM0330 n	Invalid command for the current state of DTSL/DDSL n.
DTM0331 n	Test message threshold has been exceeded for DTSL/DDSL n.
DTM0332 n	A level 3 to level 2 signaling test has failed for DTSL/DDSL n.
DTM0335 n mi	DTSL/DDSL n has failed to respond to a message sent to it. Mi gives the message indicator code of the message.
DTM0336 n mi	An attempt to send a message to DTSL/DDSL n has failed. Mi gives the message indicator code. (This is likely to be followed by a false DTM335 message.)
DTM0337 n li mi	Invalid input from DTSL/DDSL n. Li gives the length indicator. Mi gives the message indicator code.
DTM0338 n	DTSL/DDSL n cannot be enabled because the DTCS/DDCS is disabled.
DTM0339 n x	Five minutes have elapsed since DTSL/DDSL n was started and put in the active state. Some channel reset acknowledgments have been received, but x channels failed to start.
DTM0340 n	Although DTSL/DDSL n is active according to level 3, a report has been received from level 2 indicating that the link is idle.
DTM0341 n	Although DTSL/DDSL n is idle according to level 3, a report has been received from level 2 indicating that the link is starting or active.
DTM0342 n c p	Level 2 has detected a discrepancy in the configuration of real channel c on DTSL/DDSL n when a message was sent from level 3. The problem is indicated by: p = 0 channel number is out-of-range p = 1 channel is not configured p = 4 channel is not active p = 5 li is incorrect p = 6 already configured p = 7 mi is out-of-range
DTM0343 n	Level 2 has detected a discrepancy in the configuration of virtual channel c on DTSL/DDSL n when a message was sent from level 3. The problem is indicated by:

p = 0 channel number is out-of-range

p = 1 channel is not configured

p = 4 channel is not active

p = 5 li is incorrect

p = 6 already configured

p = 7 mi is out-of-range

DTM0344 n c p Level 2 has detected a discrepancy in the configuration of real channel c on DTSL/DDSL n when a frame was received from the link. The problem is indicated by:

p = 0 channel number is out-of-range

p = 1 channel is not configured

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

p = 4 channel is not active

DTM0345 n c p Level 2 has detected a discrepancy in the configuration of virtual channel c on DTSL/DDSL n when a frame was received from the link. The problem is indicated by:

p = 0 channel number is out-of-range

p = 1 channel is not configured

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

p = 4 channel is not active

DTM0346 n c p Level 3 has detected a discrepancy in the configuration of real channel c on DTSL/DDSL n when a message was received from level 2. The problem is indicated by:

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

DTM0347 n c p Level 3 has detected a discrepancy in the configuration of virtual channel c on DTSL/DDSL n when a message was received from level 2. The problem is indicated by:

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

DTM0348 n	All alarms have been cleared on DTSL/DDSL n.
DTM0349 n	Flow control is set on DTSL n which is earlier than vintage G.
DTM0350	Must switch reference clock before disabling.
DTM0400	PBX synchronized on main.
DTM0401	PBX synchronized on main, standby failed.
DTM0402	Main synchronization input failed, system synchronized on standby.
DTM0403	Main synchronization input failed, system synchronized on standby.
DTM0404	Main synchronization input failed, standby was faulty and now attempting to lock.
DTM0405	Main synchronization input failed, no standby exists or standby not locked on.
DTM0406	Main synchronization and standby synchronization inputs failed, PBX no longer
DTM0407	Main synchronization and standby synchronization inputs failed, PBX no longer synchronized.
DTM0408	Standby failed then main lost synchronization, PBX not synchronized.
DTM0409	PBX may not be synchronized; different synchronization card states detected.
DTM0410 n	PBX may not be synchronized; synchronization card n is in invalid state for configured mode.
DTM0411	Synchronization card(s) being reset for synchronization purposes.
DTM0412	Maximum resets attempted on sync card(s).
DTM0413 n	Synchronization card n is disabled.
DTM0414 n	Synchronization card n is not responding.

DTRK: Digital Trunk Diagnostic (LD 60)

The DTRK messages indicate problems with Digital Trunks detected by the resident Trunk Diagnostic program.

DTRK messages

DTRK0433 Timeout when waiting for ready to outpulse.

DTRK0434 Timeout when waiting for stop outpulse.

DTRK0435 Failure to receive second half of BUR signal on digital trunks.

DTRK0436 Digits received before seizure acknowledge sent.

DTRK0437 Failure to receive second half of OPCA or OPRC.

DTRK0438 Timeout when waiting for first half of next OPCA or OPRC.

DTRK0439 Timeout when waiting for second half of network call transfer (NXFR) flash.

DTRK0440 Failure to receive second half of WNKS signal (GLARE CONDITION).

DTRK0500 A Forward Release message has been sent on loop/card l channel ch and has not been acknowledged by a Backward Release.

Action: Check the configuration of the trunks at both end if the problem occurs regularly. (SICA tables in OVL 73 and FRIN, FRRC, and RLSM in LD 16).

DTRK0501 tn A WNKS signal of invalid duration has been received.

DTRK0502 tn An unexpected seize message has been received on a disconnecting trunk.

DTRK0503 loop channel An unrecognized message subtype in Messin 28 received from DTI2 loop on CDT2 card.

DTRK0504 loop channel DP digits collection report received from CDTI2 trunk which is not defined with CLS DIPF.

DTRK0505 loop channel A recognized DP digits collection report from CTI2 trunk.

DTRK0506 loop channel A problem was discovered by CDTI2 FW during DP digits collection.

DTRK0507 loop channel An unexpected CDTI2 CIS special signalling input received. It is permissible only for CDTI2 loops with CISFW=YES defined in LD73.

DTRK0508 loop channel An unrecognized CDTI2 CIS special signalling input received.

DTRK0509 A problem was discovered by CDT12FW during MFS protocol performing.

DTRK0510 CIS MFS bad transmission threshold exceeded.

DTRK0511 CIS MFS bad transmission threshold exceeded.

EDD: Equipment Data Dump (LD 43)

The Equipment Data Dump program is used to keep equipment data on the system storage device up to date. When the datadump Overlay program is invoked, data in the read/write memory is written to the storage device at the location reserved for it. This includes any data that has been changed or added.

The program can be invoked daily as part of the daily routines or loaded manually. Problems with the datadump operation are indicated by EDD messages.

EDD messages

EDD0000 Ready for commands.

EDD0001 Storage device unequipped.

EDD0002 Storage device busy. Wait until idle.

EDD0003 Storage device not ready.

Action: Check that tape cartridge or diskettes are correctly seated.

EDD0004 Storage medium is write protected.

Action: Remove write protect.

EDD0005 Tape unit has sensed an early warning mark while attempting to write a test record. The tape is probably full.

Action: Do not attempt to dump to remaining tapes. Notify Northern Telecom.

EDD0006 Storage device read error.

Action: Attempt dump again.

EDD0007 Storage device write error.

Action: Attempt dump again.

EDD0008 Storage device disabled.

EDD0009 90 minute timeout.

EDD0010 Invalid command or incorrect parameter.

EDD0011 x y Successive records with identical record numbers track 1 (or 3). See EDD014.

EDD0012 x y Records out-of-order track 1 (or 3). See EDD014.

EDD0013 x y Successive records with identical record numbers track 2 (or 4).See EDD014.

EDD0014 x y Records out-of-order track 2 (or 4). Errors EDD11 to 14 have two parameters:

x = the record number expected

y = the record number found

According to the pattern of errors, the storage medium may or may not be all right to load. Second attempt is recommended.

EDD0015 Storage device has no existing data. Cannot dump.

EDD0016 Incorrect data. Dump is inhibited to prevent writing bad data to storage medium.

Action: Investigate and clear any SYSxxx messages which may appear concurrently with this message, then attempt to datadump onto a second copy of the Storage medium.

If EDD016 is printed again, enter the EDD CLR command, then reload from the new copy to check that data is now valid. If this is done after a reload, the only further cause would be CED203.

On dual-memory machines, the indicated memory pack should be retested and reenabled (data will be copied from the other memory). If this fails again (or for single memory machines), use EDD CLR to dump data to a second copy of the storage medium, then reload and check any SYS or INI errors for possible data corruption.

EDD0017 Not enough unprotected data space available for storage device buffer. The buffer requires the defined threshold number of words of unprotected data; i.e., the size of records to be written (the space is used only while the datadump is running).

EDD0018	Error occurred during an attempt to write a test record. It may indicate storage medium or storage device problems. **Action:** Make a second attempt with the SP option. Use LD 37 for more diagnostic information. Data on tape should remain intact, as long as the SP option is used.
EDD0019	Faulty Map. Memory allocation map to be dumped is invalid. **Action:** Use LD 29 to correct the dump map. The CLR option overwrites the error condition but if used, data will likely be lost at the next SYSLOAD.
EDD0020 c	EOF tape write fault; record count c (normally 9). X08: Tape unit not idle. Attempt dump again.
EDD0021	Tape unit not idle. Attempt dump again.
EDD0022	Data corrupted in tree block.
EDD0023	Double density loop has single density card in upper unit.
EDD0024	Tape ID does not match system. Incorrect cartridge being used.
EDD0025 a b t	The tape unit has sensed the early-warning mark but is unable to write an end-of-file mark. Two possible causes are: 1. Record “a” does not match record “b”, and/or 2. Record “b” is not a data record (e.g., the record that was read was type t when a data record was expected). In either case, do not dump to remaining tapes.
EDD0026	MSI is reading from the floppy backup instead of the hard disk primary device.
EDD0027	End-of-Data (EOD) sensed on the last disk in the set.
EDD0028	Floppy disk insertion timeout.
EDD0029	Floppy disk is write protected.
EDD0030	Floppy disk backup or restore function timeout.X08: Faulty map. Memory allocation map to be dumped is invalid. **Action:** Use LD 29 to correct the dump map. The CLR option overwrites the error condition but data will likely be lost at the next SYSLOAD.
EDD0031	Not all of the floppy disks needed to complete the function are in the drives.
EDD0032	“Restore function done” was sensed before all floppy disks were restored.

EDD0033	Command not allowable for systems not equipped with a hard disk primary device.
EDD0034	DIP switch on MSI is not set for hard disk.
EDD0035	Configured loops exceed system loop limit.
EDD0036	Hard disk not ready.
EDD0037	Data error on disk media.
EDD0038	“HM” option is not allowed because the BGD is not equipped.
EDD0039	Audit indicates Peripheral Controller and the superloop data do not agree. The datadump is aborted. **Action:** Redefine the Peripheral Controller or superloop data using LD 97, or use the SA option for the EDD command.
EDD0040 c	It does not allocate storage either for ovflw_ptr_block or ovflw_Index_block. **Action:** Remove all the authcodes for customer c and create new authcode for it.
EDD0041	Your GPHT data is corrupted.
EDD0047	Insufficient UDATA for EDD GP. **Action:** Suggest initialize and try EDD GP command again.
EDD0048	No patches found on tape (for use with EDD GP option).
EDD0049	Cannot do a GP option with a GP option.
EDD0050	Attempt to dump card with wrong density.
EDD0060	Not able to allocate enough unprotected data store (UDS) for authcode conversion. Auth data block and sorted table are not converted. The required number of words in UDS is displayed.
EDD0074	Conversion: number of leading digits to insert for digit manipulation table is greater than 20. The table is lost.
EDD0075	The digit manipulation table being converted is lost. Either 256 tables already exist or unprotected data store cannot be allocated.
EDD0076	The Classcode of the authcode being converted does not match any in the Auth table. The authcode is discarded.

EDD0080 GP option requires International Supplementary Features (SUPP) package 131.

EDD0081 DP option requires International Supplementary Features (SUPP) package 131.

EDD0082 Numbers expected after EDD DP.

Action: Enter: EDD DP xx xx, where xx is the patch number. EDD DP only dumps data.

EDD0083 Patch number does not exist; is out-of-range; or is not tagged for saving. Occurs during an EDD DP operation.

EDD0100 Corruption in FFC tree.

EDD0101 Dynamic memory request has failed; there is not enough Unprotected data space available to buffer the Patch data. The Patch buffer requires 383 words--the Patches have not been saved.

Action: Increase your Unprotected memory size via Service Change and perform Data Dump.

EDD0102 There was a data base conversion between the Source data base and the Target Release issue. No backward datadump is allowed.

EDD0103 Corruption has occurred in the FFC RPA tree.

EDD0104 Corruption has occurred in the DN PSA tree.

EDD0105 Corruption has occurred in the System Parameter Blk.

EDD0106 The data of a set being moved by automatic set relocation is not dumped because its originating TN is already occupied.

Action: The set data must be re-entered.

EDD0107 Flash interface not idle.

EDD0108 Backup timeout.

EDD0109 Backup failed.

EDD0110 Invalid Flash selection

EDD0111 Erase timeout.

EDD0112 Security check failed.

EDD0113 Flash checksum failed.

EDD0114 Cannot find DSL data.

EDD0115 Cannot find USID map.

EDD0116 Cannot find protected Multipurpose ISDN Signaling Processor (MISP) loop block.

EDD0117 TN of agent key on ACD supervisor does not link to an ACD agent.

EDD0118 EDD DR1 cannot be performed if a service change has been performed.

EDD0119 Corruption is detected in the data structure for TTY x. Data for TTY x is not dumped.

EDD0120 Data dump is inhibited, since an IDC tree and its related SDID tree are found to be inconsistent. Load Overlay 49 to correct the problem. If need to perform the data dump regardless, use EDD CLR option.

Warning: The EDD CLR command will cause the inconsistent IDC and SDID tree to be dumped to the storage medium.

EDD0121 Cannot create alarm management db directory.

EDD0122 Cannot create/open alarm management db file.

EDD0123 Cannot close alarm management db file.

EDD0124 Cannot make a backup of the existing alarm management data base.

EDD0125 Error occurred writing alarm management data base.

EDD0126 Not all patches are saved on the CPU backup flash drive.

EDD0127 Insufficient protected data space to buffer an MWNS dump table.The MWNS data dump has not been completed.

Action: Contact your technical support group.

EDD0128 Did not get data dump completion confirmation from OAM Task.

Action: Do a data dump one more time. If the problem still persists, contact your technical support group.

EDD0129 Cannot send messages to the Mobility task (OAMSRV) for data dump.

Action: Do a data dump one more time. If the problems still persists, contact your technical support group.

EDD0151	Invalid input format for DWL xx, SWP xx, RES xx, or RIB xx.
EDD0152	Cabinet number out of range.

EHM: Automatic Patch Retention

The EHM messages are related to the Automatic Patch Retention Tool. This tool is used only by qualified personnel.

EHM messages

EHM0000	Patch Retention Tool program identifier.
EHM0001	Invalid input character.
EHM0002	Invalid or ambiguous command.
EHM0003	Invalid number of parameters.
EHM0004	Parameter out-of-range.
EHM0005	Patch does not exist.
EHM0006	No patches exist.
EHM0007	Global procedure does not exist.
EHM0008	Patch checksum value incorrect. XOR of GLOBS, OFFS, OLDWORDS, NEWWORDS.
EHM0009	Insert patch (or remove) has failed, or is already INS (OOS).
EHM0010	Configuration error.
EHM0011	An active patch may not be changed or removed.
EHM0012	This patch already exists.
EHM0013	A password is required for this command.

EHM0014	Do not attempt to INS (or OOS) a patch already in service (or out-of-service).
EHM0015	Do not patch an Overlay that is already patched.
EHM0016	Do not mix Overlay and resident procedures.
EHM0017	Incorrect name or number entered, CMD is out.
EHM0100	WARNING: Maximum patch size has been reached.
EHM0260	Op-code specified does not match.
EHM0261	Invalid Global or Offset specified.
EHM0262	All eight breakpoints are already in use.
EHM0272	Cannot set the breakpoint in Global BRKPOINT.
EHM0275	Patch page specified is invalid.
EHM0280	Problem clearing patchpoint.
EHM0300 nn	Patch insert OK. Where: nn = Patch reference number (0-49).
EHM0301 nn	Patch is not re-inserted after SYSLOAD. Where: nn = Patch reference number (0-49).
EHM0306	This command is not valid in LD 7.
EHM0400 nn	Patch removed. Where: nn = Patch reference number (0-49).
EHM0401 nn	Too many Initializations for this Patch. Where: nn = Patch reference number (0-49) **Action:** Contact your technical support group.
EHM0500 nn	Patch deleted after SYSLOAD. Where: nn = Patch reference number (0-49). This patch is for an invalid issue/version, or there is a data fault. **Action:** Contact your technical support group.
EHM0501 nn	Out of Protected Data Storage. Where: nn = Patch reference number (0-49).
EHM0600	WARNING: This global patch is used in another patch.
EHM0602 nn	Out of Protected Data store (P-Data). Where: nn = Patch reference number (0-49).

EHM0660	Unknown MDP Error.
EHM0661	Unable to allocate patch table.
EHM0662	Patch table is not empty.
EHM0663	Unable to allocate patch block.
EHM0664	Patch/version issue is incorrect.
EHM0700	No input for patch created.
EHM0999	Invalid password. **Action:** Either set GRC to NO or set one, or both of the Equal Access toll call sequences (NTOL an d ITOL) to Deny.

EMR: Emergency Key (ACD)

In the event of an emergency situation, an ACD agent can press the Emergency (EMR) key to establish a No Hold Conference with a supervisor, and begin recording the call. When the key is pressed an EMR message appears on the TTY noting pertinent information.

EMR messages

EMR0100 This message is output to the TTY when an ACD Emergency key is pressed. The message appears in one or more of the following formats:

EMR100 RC L S C U RR MMM

EMR100 AG XXXX YYYY

EMR100 OR L S C U RR MM

Where:

RC = Recording trunk for the emergency recorder

L = Loop for the recording trunk

S = Shelf for the recording trunk

C = Card for the recording trunk

U = Unit for the recording trunk

RR = Recording trunk Route number

MMM = Recording trunk Member number

AG = Agent that pressed the EMR key

XXXX = ACD DN assigned to that agent

YYYY = Agent Position ID (POS ID)OR = The Originator

Prior to X11 Release 14, ACD DN and Position ID digits are shown in reverse order. The character “A” indicates a “0,” and the character “0” indicates the end of the number. For example, output “01A4” identifies the ACD DN 401, while the Position ID 5412 would be output as 2145. X11 Release 14 and later output the ACD DN and Position ID as they really exist. ACD DN 301 appears as 301 on the printout.

ERR: Error Monitor (Hardware)

This resident program monitors call processing continuously. When the call processing software detects information that is not in the correct format, or when invalid information is detected, an ERR message is printed.

ERR messages

ERR0001 No MWI NSI table corresponds to the NSI string received.

Action: Check the MWI NSI table in OVL 15.

ERR0002 The NSI string received does not match the corresponding MWI NWI table.

Action: Compare the MWI NSI table in OVL 15 to the manufacturer's requirements.

ERR0003 A Syntax error in the MWI NSI string received.

Action: Compare the MWI NSI table in OVL 15 to the manufacturer's requirements.

ERR0010 loop Input message from unequipped loop. If the loop is physically present, then either it should not be there or the data is incorrect. If the loop is not present, the peripheral signaling card on that shelf is suspect.

Action: Run Background Signaling and Switching Diagnostic (LD 45).

ERR0020 l s c Input message received from unequipped PE pack l s c. No data exists for any TN on this pack, which is disabled to prevent further input.

If all messages from same pack or from same PE shelf. Suspect:

PE pack l s c (if present)

Peripheral buffer on loop l shelf s

Network loop s

Cables connecting network and peripheral shelves

Other PE packs on loop l shelf s connectors

If all messages from loop L (various shelves). Suspect:

1. Network loop l or associated cables or connectors

2. Any peripheral buffer pack on loop l.

For SL-1 XN: Messages occur only when a specific System Clock Generator (SCG) is providing clock and loops in all groups are affected. Suspect:

1. QPC411 SCG providing clock when messages occur

2.Any QPC412 Intergroup Switch (IGS).

Messages occur only when a specific SCG is providing clock and loops on both shelves of one group are affected. Suspect:

1. QPC412 IGS associated with affected group when messages occur

2. Cable connecting the SCG and IGS packs via the Junctor

Messages are all from loops on the same network shelf. Suspect:

1. Peripheral signaling pack on affected shelf

2.QPC412 IGS on affected shelf

3. Any network, conference or TDS pack on this shelf.

Messages occur only when a specific CPU is active and only one group is affected. Suspect:

CE Extender connecting CPU to affected group, or

interconnecting cables.

If all messages are from the same XMLC/XDLC, then the XMLC/XDLC is to be unplugged and reinserted (Option 11 only).

ERR0027 Too large, invalid greater than 3 auxpm out-of-range.

ERR0030 x x tn rtclock NE-500 output buffer overflow. NE-500 set buffer may not be large enough or is not being emptied.

x x represents reference numbers for the message. These numbers normally do not concern the user.

Minor alarm lamp lit on attendant console for ERR030 281 1 TN only

Action: If the error messages are from the same TN, check the station or 500/2500 line card for defects. If the message persists, contact your technical support group.

ERR0031 x x Output buffer overflow (as ERR030). An RPE message lost.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0032 No response is received for an MCID request.

Action: Check if the local CO supports the treatment of such requests.

ERR0033 An mCIDRequest return error component (See Appendix C), has been returned with the indication 'notSubscribed'.

Action: Check if you have subscribed to the service with the operator. If not, disallow MCID as a Remote Capability on the corresponding D-Channel.`

ERR0034 An mCIDRequest return error component (see Appendix C) has been returned with the indication 'notAvailable'. This means that the network was not able to register any call information.

Action: Contact your technical support group.

ERR0040 x x tb rtclock SL-1 telephone output buffer overflow. SL-1 telephone buffer may not be large enough.

Action: If the error messages are from the same TN, check the station or SL-1 line card for defects. If the message persists, notify the operating company.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0045 tn Invalid DN stored against buzz key.

Action: If the set is equipped with a buzz key, check that the DN stored against it is valid. Otherwise, print (using LD 20) all information for that SL-1 telephone and notify the operating company.

ERR0050 x x tn SL-1 telephone DN has too many appearances.

Action: For each DN on the specified SL-1 telephone, check that the DN has at most 16 appearances. Otherwise, notify the operating company.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0060 tn Invalid TN.

Action: Check that the Digitone receiver with the given TN is defined in data.

ERR0070 tn x y z Input from software-idled Digitone receiver.

Where:

x = rtclock

y = start time when ttr idled

z = allowed wait time before printing msg

x, y, z in half millisecond increments

Action: Perform digital receiver diagnostic. Use DTR 1 s c (u) command in LD 34.

ERR0071 Charge_son never a main_cr.

ERR0076 Music trunk has a bad Call Register in active Call Register (CR).

ERR0077 Music CR has a bad conference TN.

ERR0078 Music CR has a bad auxpm.

ERR0079 Music on hold has improper Call Register (CR).

ERR0080 tn key Key input from software-unequipped add-on module.

Action: Check SL-1 telephone data. Ensure that add-on module is defined and that key number is less than last key.

ERR0081 Music source has improper Call Register (CR).

ERR0090 tn Answer supervision received but more digits to be outpulsed.

Action: Check with central office for a bad trunk.

ERR0091 tn A call through the network trunk was camped on for 40 min. The call is disconnected.

ERR0092 c r s A radio paging system has failed. All trunks on that route have been made maintenance busy. Output: c = customer, r = route, s = system.

ERR0100 tn Invalid starting arrangement specified for trunk. Check trunk data and modify start arrangement as required.

ERR0110 tn Invalid protected trunk line data.

Action: Check trunk data and modify as required.

ERR0115 tn Unable to locate route block indicated by trunk data.

Action: Check trunk data: Customer number, Route number.

ERR0120 tn Trunk not released by far-end.

Action: Have trunk checked at central office for release failure.

ERR0130 tn Invalid DN hunting data.

Action: Check that the hunt DN defined for the TN is correct.

ERR0140 tn Invalid off-hook message.

Action: Check the card indicated and the size of the input buffer. Check traffic statistics.

ERR0150 r/c Automatically Identified Outward Dialing (AIOD) route r or customer number c is nonexistent.

Action: Correct ACNO and/or ARNO in trunk route data blocks.

ERR0160 Invalid AIOD station identification. Station ID must be four digits.

Action: Check APRF and AATT in customer data block and ATTK in route data blocks of incoming Tie trunks.

ERR0170 Undefined AIOD output message. Minor alarm lamp lit on attendant console. AIOD station or trunk identification is missing.

Action: Use LD 36 and set AIOD MSG to display the data. Check ADID in trunk data blocks and AATT in customer data block.

ERR0180 x x rt clock Trunk output buffer overflow. Trunk output buffer may not be large enough.

Action: If the error messages come from the same TN, check for defects on the trunk. If the message persists, notify the operating company.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0181 x y tn rtclock Cannot send MFC/MFE/MFK signalling message.

x y represent the reference number for the message.
tn = terminal number (tn is in all decimals (l s c u))
rtclock is an internal timestamp (.5 ms)
Possible output buffer overflow. Number of PBX output buffers may not be large enough.

Action: If the error messages are from the same tn check the card for problems.

ERR0182 Route type has been changed to ISA.

ERR0183 dnis tn DNIS calls cannot terminate because the IDC Translation is invalid, or the terminating station is not an ACD-DN.

ERR0184 A Global CREF number is needed for any service message.

ERR0185	Invalid maintenance state in the service message.
ERR0186	Change status (i.e., octet 3 error).
ERR0187	Mini-CDR is not supported with DNXP or CDRE.
ERR0190	Overload TN stack overflow. **Action:** Correct the overload condition indicated by previous OVD messages.
ERR0200 c tn	Invalid customer c in unit block. **Action:** Correct the data for the specified TN.
ERR0201	No customer ptr set.
ERR0203	Ulptr not set.
ERR0205 c tn	Invalid customer c in unit block. **Action:** Correct the data for the specified TN.
ERR0206	Let group data audit get rid of all pointers.
ERR0210 r/c	Route r or customer c is invalid. **Action:** Correct the data in the trunk data block.
ERR0215 r/c	Recorded Announcement (RAN) route r or customer c is nonexistent. **Action:** Correct RAN route or customer number in route data block or customer data block.
ERR0220 r c	No response (control pulse) return from all trunks on route r for customer c. Minor alarm lit on attendant console. **Action:** Check RAN machine in operation. Use LD 36 to check RAN trunk and RAN machine.
ERR0221 r c	Procedure NWK/DIGPR. Intercept treatment assigned as RAN. RAN route r for customer c does not exist.
ERR0225 c p	The Call Detail Recording (CDR) port p for customer c is not a CDR device. **Action:** Correct the data so that the port is not a CDR device, or connect the correct CDR hardware.
ERR0226 tn	Bit was set for trunk idle. Missed operation of call transfer.
ERR0230	Protected ARS pointers incorrect.

Action: Print out and correct ARS data.

ERR0231 Location access code for a VNET route not found.

ERR0232 No ARS ADB data was found for network calls.

ERR0235 Invalid ARS route number. Can occur if an ARS schedule block contains a valid route that has no members.

Action: Print out and correct ARS data.

ERR0240 Inserted digits for a route do not begin with the access code for that route.

Action: Print out and correct ARS data.

ERR0245 tn scl Nonexistent or invalid speed call list number SCL.

Action: Correct speed call list number for the TN or provide the list number by service change.

ERR0250 c r x AIOD route number is not an AIOD route (x). Route data block for outgoing CO route contains invalid AIOD route number.

Action: Correct CO route data block.

ERR0260 Incomplete calling number information. Check ANI_LDN, ANI_TRK_NO and ANI_ATTN_NO to form complete 7-digit number.

ERR0265 g DND key used to determine status of nonexistent group g.

Action: Print out and correct data.

ERR0266 mg sg Secondary DND group sg was encountered during the processing of a main group (sg) that did not exist.

Action: Print out and correct data.

ERR0267 mg sg g A secondary group (sg) contains another group number (g).

Action: Print out and correct data.

ERR0269 c tn Procedure FIND_ARSQPTR failed. TN has suddenly disappeared during the processing of a call involving it. The TN may have been removed from service while someone was making or receiving a call on it.

ERR0270 Overflow of OVD_TRK_LIST. The trunk identified by the accompanying OVD003 message may not be automatically re-enabled.

ERR0275 x ARS schedule block (x) not in data but is invoked by certain codes.

Action: Print out and correct ARS data.

ERR0280 tn1 tn2 Ring Again activated by TN1 was unable to access trunk tn2 due to trunk access restrictions.

Action: Ensure that all trunks in the route have the same Class-of-Service.

ERR0285 tn Voice call to invalid DN from set. Ensure that voice call key does not point to mixed, multiple appearance or invalid DN.

ERR0290 Invalid incoming DP precedence digit.

ERR0291 Invalid incoming MF precedence digit.

ERR0300 tn Customer has no Dial Intercom Group (DIG) defined or DIG package does not exist.

Action: Review office data and notify operating company.

ERR0301 tn DIG group does not exist for this terminal number.

Action: Check group number on DIG key for this set.

ERR0302 tn **Action:** Check group number on DIG key on this set.

ERR0303 tn Originating DIG group is not the same as the terminating group for this key and DN.

Action: Check DIG group for specified TN.

ERR0304 tn Set does not belong to the same customer as the DIG.

Action: Check DIG list for the set.

ERR0305 Invalid tstl linkage.

ERR0306 Customer translation failed.

ERR0307 TNS actv.cr does not point to Call Register (CR).

ERR0319 Bad LLC blocking value found.

ERR0367 Son call register is an orphan, idle it.

ERR0400 Customer data block missing.

ERR0401 NFCR pointers table missing.

ERR0402 CRCS table missing.

ERR0403 Tree pointers table missing.

ERR0404 No default tree exists.

ERR0405 Tree was service-changed.

ERR0406 NCOS not defined in procedure CODE_RESTRICTION.

ERR0418 MFC TN of active MFC S/R not.

ERR0468 x y tn rtclock Cannot send message to RAN card.

x y represent the reference number for the message.
tn = terminal number (tn is in all decimals (l s c u))
rtclock is an internal timestamp (.5 ms)
Possible output buffer overflow. Number of PBX output buffers may not be large enough.

Action: If the error messages are from the same tn check the card for problems.

ERR0500 dn tn Message Waiting lamps for the set listed have been found faulty by the system (use LD 31 to test lamps).

If messages indicate that:

1. one unit is faulty, suspect lamp of set, unplugged set
2. all units on one pack are faulty, suspect line card
3. all units on one more shelves are faulty, suspect power

ERR0510 The number of digits used for LEC and ANI DN together do not comprise exactly 7 digits when trying to transmit ANI information to a CIS analog/DTI trunk. The least significant digits of the ANI DN will be omitted.

Action: Check LEC prompt in LD 16 and ANI DN used.

ERR0547 c g dn Invalid DN or disallowed Tenant DN for group (g) call for customer c.

Action: Check data for group and correct via service change.

ERR0548 c g Group g for customer c does not exist or is invalid.

Action: Check group data and correct via service change.

ERR0600 Invalid supervisor TN in Automatic Call Distribution (ACD).

Action: Check ACD data for the TN.

ERR0605 Agent-ID table is full.

ERR0606 High-speed link is not defined.

ERR0607 High-speed link Serial Data Interface (SDI) is disabled.

ERR0608 High-speed link status is ’down’.

ERR0609 Low-speed link is not defined.

ERR0623 Customer pointer not valid or is missing. Between the time of origination and the time the error was generated, the pointer to the customer data block was corrupted. (SET CUST PTRS fails).

ERR0624 ESN data block or NTCL data block pointer invalid or missing. A NARS/BARS/CDP DN has been dialed but the ESN or NTCL block has not been set up.

ERR0625 x y z d Pointer to NARS/BARS/CDP translation data is not valid, or missing. The pointer to the NARS/BARS/CDP translation data does not exist for the access code dialed (enter network data through service change).

Where:

x = Customer Number

y = NARS/BARS/CDP Route List Index

z = NARS/BARS/CDP Current Entry

d = Digits dialed to attempt NARS/BARS/CDP access.

ERR0626 NARS/BARS is not available due to feature packaging but a NARS/BARS access code is in the system and was dialed.

ERR0627 Translation data is corrupted; invalid translation type. NARS/BARS/CDP translation data specifies a call type not recognized by call processing software (corrupted protected data).

ERR0628 Route List data cannot be accessed. Route list specified by NARS/BARS/CDP is not in the system (add route list data through service change.)

ERR0629 Trunk route data cannot be accessed. Trunk route is specified by NARS/BARS/CDP data but the route data block is not available.

ERR0630 Location route data is invalid. When attempting to perform conversion from an on-net to an off-net number, it was determined that the location route data block has invalid data.

ERR0631 Route list entry data is at fault. Occurs when route list data has been changed between the time a route list entry has been selected and when the route has been seized (pointer to route list entry cannot be found).

ERR0638 Invalid NXX code.

ERR0639 Free Calling Area Screening (FCAS) data cannot be accessed.

ERR0640 Free Special Numbering Screen (FSNS) data cannot be accessed.

ERR0642 xxxx <memory needed> <memory left> Insufficient memory to run Corporate Directory.

ERR0643 n Attempt to enable remote TTY n failed. Auto-recovery will be attempted after 30 seconds.

N = Remote TTY number

ERR0644 n Problem with remote TTY n. It is disabled and auto-recovery will be attempted after 30 seconds. N = Remote TTY number.

ERR0645 aa xx Attendant Announcement Table xx defined in Route aa does not exist.

Action: Please check AANN configuration.

ERR0646 c The I44 Nail-up for the local card C has failed on the IP expansion where c is the local card number on the IP expansion.

ERR0700 tn MFC signaling error threshold exceeded.

Action: Use LD 54 to test MFC channels.

ERR0999 x y tn rtclock Cannot send output message from LD 48 or LD 77.

x y represent the reference number for the message.
tn = terminal number (tn is in all decimals (l s c u))
rtclock is an internal timestamp (.5 ms)
Possible output buffer overflow. Number of PBX output buffers may not be large enough.

Action: If the error messages are from the same tn check the card for problems.

ERR1001 An invalid primitive was received from the DCHI card.

Action: Use LD 54 to test MFC channels.

ERR1502 PROCEDURE NUM_DN_MEMBERS - Number of members are more than MAX_TNS_PER_DN.

ERR2139	DN assignment is not allowed for this key.
ERR3000 x	The buffer is not empty. Count for APL link x exceeded the system limit. The SDI card may have hardware problem. **Action:** Disable the TTY and start IOD program to test out the TTY.
ERR3001 x	APL link x is down due to transmission problems. The problem can be TTY hardware problem, transmission line problem or AUX processor problem.
ERR3002 x	The number of NAK messages within last 30 min exceeded the system-defined limit of 10. APL link x may have transmission problem. This APL link has an occasional hit on the line. **Action:** Check the transmission facility for foreign noise introduced to this link.
ERR3003	Remove_Apl_OQ. Message CR is not in QU_APL_OP queue.
ERR3004 x	The number of times the link has no acknowledge signal sent from the other side exceeds the system limit of 10. APL link x may have a transmission problem. This APL link has occasional hit on the line. **Action:** Check the transmission facility for foreign noise introduced to this link.
ERR3007	Special Common Carrier (SCC) data table is required and is not found.
ERR3010 dn	The DN sent from the AUX, in Message 7 is invalid for Message Waiting Indication. The AUX DN may be invalid.
ERR3011 ltn	An invalid LTN was found. The LTN table may be wrong.
ERR3012	Bad APL range (0-15).
ERR3013	APL shared by another user.
ERR3014	APL not defined in customer data block.
ERR3015	Warning: some UST user may have some problem.
ERR3016	Bad telmsg timer range (2-15).
ERR3017	No to mwc not allowed, IMS defined.
ERR3018	Change CMS from yes to no, or vice versa.
ERR3030	Member in DND group does not exist.
ERR3032	Transfer blocked due to unavailable matching timeslots.

ERR3033 c p — A Q-record is discarded because the target CTY port p for customer c is under maintenance testing.

ERR3035 — Test line type/index out-of-range.

ERR3036 r s j ts — Continuity failure has occurred on assigning timeslots for speech paths. First attempt failed; tries to get new path.

Parameters are:

r = receive loop

s = send loop

j = junctor used to transmit to the RRR loop ID

ts = timeslot used on transmit loop to send PCM data to the receive loop

ERR3036 and ERR3037 messages refer to one-way connections so that if both one-way connections fail, either message may print out twice.

ERR3036 also occurs if a loop on the QPC414 Network card is not configured. This is not an error condition. To prevent ERR3036 occurring in this case, define the loop in LD 17.

ERR3037 r s j ts — Same as ERR3036 but failed on second attempt; path is assigned anyway.

ERR3038 dn — Invalid or nonexisting intra-flow DN.

ERR3039 — Process IDs do not match in AUX_KEYS. This could be due to the AUX equipment not having a Directory Number assigned at the time of an incoming call to that equipment.

ERR3040 — Process IDs do not match in operator revert.

ERR3041 — The output buffer to the DTI hardware has overflowed.

ERR3042 — No IETI.

ERR3043 — LOC NO SDI.

ERR3044 — Bad ITGE data.

ERR3045 — Incorrect key function defined for data TN.

ERR3046 — Data TN is not defined.

ERR3047 c Loop tn — Failure for 500/2500 set Six-Party Conference c.

ERR3050 — MWD not allowed if MWK key is equipped.

ERR3056 tn TN was force disconnected due to a service change (LD 10, 11 or 14)

ERR3067 The output buffer to the tone detector has overflowed.

ERR3068 x Call Park ID (x) returned which is now invalid, usually the result of a service change or set relocation. The invalid ID is unavailable for use as a Park ID.

ERR3069 Call is to HOT set/key but not to package.

ERR3070 Set/key is EHOT but data is defined.

ERR3071 Either the list number or the entry number for Hot key termination is invalid.

ERR3072 Failure to establish SLP conference

ERR3073 Failure to add tone to SLP conference.

ERR4010 tn key f Predefined secondary DN key with function f on a data service ACD agent set is not MNC, MCR, SNC, or SCR.

ERR4011 tn ici Wrong ICI key removed.

ERR4012 in cr tn msg key Message Reference ID (MRID) mismatch between the MRID contained in the input CSL message and the MRID stored in the call register. This message indicates the CSL message is delayed. When this message repeats, the most likely problem is CPU overload. Where:

in = MRID contained in the incoming CSL message (in hex).

cr = MRID stored in the call register associated with the TN of the incoming CSL message (in hex).

tn = The TN of the incoming CSL message, in packed format.

msg = The message type of the incoming CSL message.

key = The function of the key message. This appears when the message type is KEY message.

Refer to Application Module Link (AML) documents for msg and key value.

ERR4013 n t There have been n mismatches in Message Reference ID (MRID) between the active CR and AML message CR within t * 2 seconds.

Action: The CPU may be very busy: check total number of Call Registers, provision of Meridian Mail ports, Meridian Mail use, and system I/O.

ERR4016 CSL indirect connect failed.

ERR4017 CLS indirect disconnect failed.

ERR4018 dn c The ACD-DN for customer c is not defined for data services.

ERR4019 dn Invalid DN was sent from a VAS when requesting Message Waiting Indicator (MWI) update. Output: The affected DN.

Action: Check the DN. It may have been removed in the Meridian 1, but not the VAS.

ERR4020 dn c xxx Data Service DN leaf block does not contain a valid ACD DN. Where: c = customer; xxx block contents.

ERR4021 Meridian Mail MP alarm.

{ESDI} {SEER class} {SEER cause}

ESDI - ESDI port number

SEER class - Meridian Mail SEER class number

Minor alarm lamp lit on attendant console.

ERR4022 mt mst vas c dn acc An incoming CSL DATA add data service DN message has been received, but not enough protected memory exists to allocate a DSDN_LIST for the customer.

Output in hex:

mt = message type

mst = message subtype

vas= VAS IDc = customer number

dn = data service DN

acc = access code

ERR4023 An incoming CSL DATA add or validate data service DN message has been received, but the data services customer option is not set. No data services DNs will be accepted. See ERR4022 for output data.

ERR4024 CSL Co-administration error.

ERR4025 An incoming CSL DATA add or delete data service DN message has been received, but the DN could not be added or removed because not enough unprotected memory exists to allocate a WORKAREA. See ERR4022 for output data.

ERR4026 An incoming CSL DATA delete data service DN message has been received, but the DN does not exist for this customer. See ERR4022 for output data.

ERR4027 An incoming CSL DATA add data service DN message has been received, but the DN could not be added because the maximum had been reached. See ERR4022 for output data.

ERR4028 An incoming CSL DATA delete data service DN message has been received, but the DN was not removed because it was not a data DN. See ERR4022 for output data.

ERR4029 An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (The DN does not exist). See ERR4022 for output data.

ERR4030 An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN was not an ACD DN). See ERR4022 for output data.

ERR4031 An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the ACD DN is not defined as a primary data service access code). See ERR4022 for output data.

ERR4032 An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN is defined for a different VAS Server). See ERR4022 for output data.

ERR4033 An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN conflicts with an existing longer or shorter DN). See ERR4022 for output data.

ERR4034 An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN already exists). See ERR4022 for output data.

ERR4035 Wrong IE for Notify Message.

ERR4036 Wrong extension bit for notification indicator IE.

ERR4037 Wrong extension bit for original called number IE.

ERR4038 Wrong IE length for original called number IE.

ERR4048 c r idc Conflict in data base for DRC key on SL-1 set.

Action: Check the specified customer, route, for IDC setting.

ERR4049 Mandatory Notification description invalid.

ERR4050 data Intercept treatment DN not found.

Action: Define intercept treatment DN in the FGD data block (LD 19).

TRK tn MFR tn ID j ddd ADR j ddd Where:

TRK tn = TN of the FGDT trunk (l s c u, loop ch)

MFR tn = TN of the MF receiver (l s c u, or loop ch)

ID j ddd = ID field, j = number of digits, dddd = digits

ADR j ddd = Address field, j = number of digits, dddd = digits

If the address was not received or was empty, it is not printed.

ERR4051 data Invalid NPA in ID field. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far end outpulsing mechanism. See ERR4050 for a description of output data.

ERR4052 data Incorrect address; cannot determine the category. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far end outpulsing mechanism. See ERR4050 for a description of output data.

ERR4053 c h a More than 20 Attendant console Graphic Modules being updated in one time slice. Where:

c = customer number

h = hundreds group involved

a = attendant not updated

ERR4054 Access to the trunk was disconnected due to Timed Forced Disconnect (TFD) timeout.

ERR4055 data This message may indicate that a caller dialed an invalid authorization code. It can also refer to MF inter-digital or inter-field timeout. See ERR4050 for a description of output data.

Action: Check the ID and ADR fields to see if the digits are for a phone number or an authorization code. If it is an incomplete phone number, increase the DGTO or IFTO parameters in the FGD block in LD19.

ERR4056 data FGD or M911 trunk received TTR input before end of start-dial wink. Output: trktn mfrtn trunkpm input_message

Action: Test the FGDT trunk and MFR card.

ERR4057 CFNA cannot terminate on the Forward DN (FDN) because the FDN is an ACD-DN which is not a Message Center, or the set on which the FDN is defined does not have Message Waiting Allowed (MWA) Class of Service (COS).

Action: Either redefine the FDN, or give the dialed set MWA COS.

ERR4058 Undefined or invalid Attendant Alternative Answering (AAA) DN type was found at AAA timeout. Valid types are Set DN and ACD-DN.

ERR4059 dn Tenant to tenant access denied between the caller and the specified Attendant Alternative Answering (AAA) DN at AAA timeout.

ERR4060 SUPL loop HW c Parameter downloading failed. Unable to send messages through Network card message interface.

Action: Try to download to the card by using the appropriate enable command. Where: c = NT8D01 Controller card

ERR4061 CPG_DATA_PTR or CPG_BLK_PTR pointer is nil (DUMP module).

ERR4062 Digitone Receiver (NT8D16) failed self-test.

ERR4064 x y z Feature is not allowed for this interface.

x = DCH Interface ID

y = D-channel number

z = Mnemonic for the feature

ERR4067 c x No unprotected CPG data block for CPG x of customer c.

ERR4068 c No unprotected CPG data block for CPG 0 of customer c.

ERR4069 c No protected CPG data block for CPG 0 of customer c.

ERR4070 c x Customer c data block exists, but there is no CPG_PTR_BLK for CPG number x.

ERR4071 tn The type of trunk (COT, DID, Tie, etc.) specified during the audit did not match the trunk type stored within IPE trunk card. The trunk type stored within the card has been set to the trunk type specified in the audit message. (The audit process obtains trunk type from the TN block contained within the database.)

Action: If this message persists, disable and enable the offending unit with LD 32

(which causes a parameter download). If the problem persists, suspect a faulty card.

ERR4072 tn Impedance setting conflict found on an IPE trunk during audit parameter download.

ERR4073 tn Dialing speed setting conflict found on an IPE trunk during audit parameter download.

ERR4074 tn Carrier pad setting conflict found on an IPE trunk during audit parameter download.

ERR4075 tn Companding law (A-Law or Mu-Law) setting conflict found on an IPE trunk during audit parameter download.

ERR4076 tn 10pps1 conflict found on IPE trunk during audit parameter download.

ERR4077 tn 10pps2 conflict found on the IPE trunk during audit parameter download.

ERR4078 tn 20pps conflict found on the IPE trunk during audit parameter download.

ERR4079 tn The hardware ID (type of unit (COT, DID, etc.) and signaling (LOP,GRD, EAM, etc.) is not supported by the card (XUT, XEM, or any other IPE trunk card). The software configuration no longer matches the hardware configuration for the unit. Unit is disabled.

Action: Check that correct card for desired trunks is in configured slot. Check configuration of unit.

ERR4080 D-channel was not found for sending a facility Message. Output appears as follows (with X11 Release 16 and later software):

NTFERR a b c

DIGPR a b c

INVDN p a b c

Where:

a = originating digits

b = destination digits

c = customer number

p = TCAP package type

X11 Release 15 messages appear as follows:

FAIL

ORIG: xxx DEST: xxx CUST: xx

ERR4081 A Facility Reject message was received. Destination digits cannot be translated. Output with message:

PKG: xxx NOXLAN

ORIG: xxx DEST: xxx CUST: xx

ERR4082 TCAP Package type is not recognized by Network Message Center (NMC) feature. Output with message:

PKG: xxx

ORIG: xxx DEST: xxx CUST: xx or

CP does not support more than 4 digit DNs. Procedure ICP_ESTABLISH and ICP_FIND_DN

ERR4083 TCAP Component is not recognized by Network Message Center (NMC) feature. Output with message: PKG: xxx COMP: xxx ORIG: xxx DEST: xxx CUST: xx.

ERR4084 TCAP Operation is not recognized by Network Message Center (NMC) feature. Output with message:

PKG: xxx COMP: xxx OPER: xxx

ORIG: xxx DEST: xxx CUST: xx

ERR4085 TCAP parameter is not recognized by Network Message Center (NMC) feature. Output with message:

PKG: xxx COMP: xxx OPER: xxx PARM: xxx

ORIG: xxx DEST: xxx CUST: xx

ERR4100 Tenant TDATAPTR or route ACCESS_ARRAY block does not exist.

ERR4101 PBX output buffer overflow for Digital set.

ERR4102 Set requested to disable the unit. LAMPAUDIT disables it.

ERR4103 Touch set watchdog overflow.

ERR4104 TSET data TN not equipped.

ERR4105	An appearance of multiple appearance DN cannot answer a call. It resides either on a set with CLS that cannot receive external calls or on a set with a tenant that differs from the tenant of other sets that can answer the call. All the appearances of the DN should reside on sets that belong to the same tenant.
ERR4106	TSET downloading buffer overflow.
ERR4108 tn	Possible tip and ring reversal at central office or CO trunk card problem.
ERR4109	VASID out-of-range.
ERR4111	Incorrect key function defined for data TN.
ERR4112	Data TN not defined. An M2317 set with without data cannot have Single Call Ringing (SCR) on key 10.
ERR4113	Digital set has sent handsfree activated message, but does not have Handsfree Class of Service (HFA).
ERR4114	Data DN of SL-Touch does not have two appearances.
ERR4115	The M2317 or M3000 set has requested a restart. If set has not been manually reversed down and up and these messages consistently appear then the set, line card channel, or power supply is bad. ORIG & TERTN will show if active in a call.
ERR4116	The M2317 set has received a message when the headset was unplugged, but no message was sent when the headset was plugged in. Check to make sure that the micro is not bad. Ignore this message during sysload (all headsets should be unplugged). **Action:** Check to make sure that the micro is not bad. Ignore this message during sysload (all headsets should be unplugged).
ERR4117	Incorrect tree class.
ERR4118	Tree is corrupted.
ERR4119	IDC pointer is corrupted.
ERR4120	Invalid digit received by IDC.
ERR4124	Add the NSF IE to the SETUP message
ERR4125	Message CRl is not in idle queue.
ERR4126	Output queue is not allocated.

ERR4127 Message CR is not in QU_CSL_OP.

ERR4128 Output message has length zero.

ERR4129 dn c t1 t2 The duration time set for the call in the Abandoned Call Waiting in the Source queue is invalid. Output: dn = ACD-DN, c = customer, t1 = time of day, t2 = time call arrived.

ERR4130 Wrong call reference flag. Incompatible Protocol between the interface.

Action: If the error continues, file a problem report.

ERR4131 The message received has global CREF. Incompatible protocol between the interface.

Action: If the error continues, file a problem report.

ERR4132 Received a SERVICE, SERVICE ACK, RESTART, RESTART ACK with a non-global CREF. Incompatible protocol between the interface.

ERR4133 For ISDN ESS #4 received a SERVICE, SERVICE ACK, RESTART, RESTART ACK with the wrong call reference flag. Incompatible protocol between the interface.

Action: If the error continues, file a problem report.

ERR4134 data First digit is not KP. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far end outpulsing mechanism, or noisy trunk. See ERR4050 for a description of output data.

ERR4135 data Illegal size of a field. If the error repeats with the same MFR, test the MFR card. See ERR4050 for a description of output data.

ERR4136 data Illegal MF combination. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far-end outpulsing mechanism, or noisy trunk. See ERR4050 for a description of output data.

ERR4137 data Unexpected digit (ST', ST'', ST'''), or KP in the middle of a field. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far-end outpulsing mechanism, or noisy trunk. See ERR4050 for a description of output data.

ERR4138 data Call category denied. Check if CCAN definitions in LD 19 are consistent with far end (LEC) arrangement. See ERR4050 for a description of output data.

ERR4139 data ANI field empty when should be present. Check if CCAN definitions in LD 19 are consistent with far end (LEC) arrangement. See ERR4050 for a description of output data.

ERR4140 data ANI field present when should be empty. Check if CCAN definitions in LD 19 are consistent with far end (LEC) arrangement. See ERR4050 for a description of output data.

ERR4141 data Undefined information digit (I I) number received. This is an attempt by an unauthorized user. The output data is: CUST c Trm hh:mm:ss dd/mm/yyyy II-NPANXXXXX zzzzz

Where:

c = customer number

Trm = FGD route and member number

II-NPANXXXX = FGD ID field information

zzzzzz = FGD field address digits

ERR4142 data Undefined ANI number received. This is an attempt by an unauthorized user. See ERR4141 for description of the output data.

ERR4143 data Cannot access NARS database. Define ESN database for the customer. See ERR4050 for a description of output data.

ERR4144 data Cannot access FGD block. Check the value of the FGDB in the route and check the definition of related FGD block. See ERR4050 for a description of output data.

ERR4145 data 100 line test DN not defined.

Action: Define the 100 test line in LD 15. See ERR4050 for a description of output data.

ERR4147 data An invalid message while waiting for MF digits.

Action: Test the MFR card. Output data is mfrtn input_message.

ERR4148 An invalid message while waiting for DTR digits.

Action: Test the MFR card. Output data is mfrtn input_message.

ERR4149 The output buffer to PRI2 pack overflowed.

ERR4161 Call Reference length is greater than 2.

ERR4162 x	The length (x) of the call reference of an incoming ISDN message was incorrect. The length allowed in North America is 1 or 2. For some other interfaces, only a length of 2 is allowed. There may be a compatibility problem with the far-end.
ERR4200	Speed Call list check failed.
ERR4201	Speed Call list CR setup failed.
ERR4202	Speed Call indexing failed.
ERR4203	Speed Call entry pointer nil.
ERR4204	Speed Call digits to CR failed.
ERR4205	Pretranslation table being removed.
ERR4220	Secondary Control register on MSI card (QPC584) failed R/W test. **Action:** Check the MSI card and associated cabling.
ERR4221	MSI reading from backup device when it should be reading from primary device.
ERR4222	Auto-terminating DN defined in the trunk block for this ACD DNIS call is not an ACD DN.
ERR4225	500/2500 Set DN cannot be defined until CPND feature is configured for that set. DATA: 500/2500 set DN and packed TN **Action:** Use LD 10 to configure CPND feature. Use LD 95 to configure ANY Name first.
ERR4226 xx	Insufficient storage for CPND Name. Where: xx = DN or DIG group and member numbers. **Action:** Add memory or relocate CPND Logic page.
ERR4227 xx	Insufficient storage for DIG name table. Where: xx = DN or DIG group and member numbers. **Action:** Add memory or relocate CPND Logic page.
ERR4228	Wrong I.E. for message type.
ERR4229	Wrong I.E. for STATUS message.
ERR4230	Wrong I.E. for RELease message.
ERR4231	Wrong I.E. for RESTart message.

ERR4232	Wrong I.E. for CONNect message.
ERR4233	Wrong I.E. for SETUP message.
ERR4234	Wrong I.E. for PROGress message.
ERR4235	Wrong I.E. for CALL PROCeeding message.
ERR4236	Wrong I.E. for ALERTing message.
ERR4237	Wrong message type.
ERR4238	Wrong coding standard.
ERR4239	BC - extension bit not right.
ERR4240	BC - information transfer not supported.
ERR4241	BC - information transfer rate/mode not supported.
ERR4242	BC - layer1 protocol id not correct.
ERR4243	BC - rate is not correct.
ERR4244	General location not supported.
ERR4245	Cause value not supported.
ERR4246	Channel id octet3 error.
ERR4247	Channel id octet5 error.
ERR4248	Channel number not exist.
ERR4249	Extension bit wrong in cause.
ERR4250	Extension bit wrong in connected number.
ERR4251	Extension bit wrong in redirecting number.
ERR4252	Extension bit wrong in redirection number.
ERR4253	Extension bit wrong in channel number.
ERR4254	Extension bit wrong in progress indicator.
ERR4255	Extension bit wrong in NSF.

ERR4256 Extension bit wrong in calling party number.

ERR4257 Extension bit wrong in called party number.

ERR4258 Extension bit wrong in restart.

ERR4259 Detected invalid contents for call reference of an incoming ISDN message. Message is ignored. There may be a compatibility problem with the far-end.

ERR4260 CREF flag in SETUP is incorrect.

ERR4261 State message error, protocol violation.

ERR4262 NTWK ID not correct in TNS.

ERR4263 No RESTart ACK message received.

ERR4264 Message received in NULL state.

ERR4265 Mandatory Channel ID missing in ALERTing.

ERR4266 Mandatory Channel ID missing in CONNect.

ERR4267 Service in NSF does not match service route.

ERR4268 PROGRESS INDICATOR not supported.

ERR4269 ZERO length for mandatory IE.

ERR4270 ZERO length for option IE.

ERR4271 TNS, BAD NTWK ID, TYPE/PLAN.

ERR4272 BC - layer id not correct.

ERR4273 Incorrect TNS Network ID.

ERR4274 Message Length exceeds buffer size (261).

ERR4275 Protocol discriminator is not compatible with a Message length greater than 2.

ERR4276 Maintenance message is only allowed in specific DCH interface.

ERR4277 c dn ifdn Invalid Interflow destination. Where: = customer, dn = ACD-DN, ifdn = Interflow DN.

ERR4278 c dn ifdn Invalid Night Call Forward destination specified. Where: = customer, dn = ACD-DN, ifdn = Interflow DN.

ERR4279 No Service Ack message received.

ERR4280 Use LD 92 to diagnose the ADM TN.

ERR4281 Message input received from a 64 k data module has no Call Register available.

ERR4282 d b No response from far-end to this PRA call. Where: d = DCHI number, b = B-channel number.

Action: Check the D-channel link on near and far-end switches.

ERR4283 Both DCHs have been released. Establish the DCH.

ERR4285 1. ACNT key defined but no ADS block defined, OR

2. This agent is not an acquired ICCM agent (Rls 22).

Action: Either take out ACNT key or define ADS block.

ERR4286 Message count on the loop exceeds the threshold value.

Action: Refer to any OVD messages previously printed, and check the hardware for defects that generate an overload condition. Rearrange the TNs to another location or they may be disabled. Reconfigure the Loop.

ERR4287 Customer number greater than 31 while CDRE is not packaged.

Action: Refer to any OVD messages previously printed, and check the hardware for defects that generate an overload condition. Rearrange the TNs to another location or they may be disabled.

ERR4288 Route number is greater than 127 while CDRE is not packaged.

ERR4289 Route number for music route is not a music route.

ERR4291 Music route is undefined.

ERR4293 Both DCHs out-of-service.

Action: Release/Establish both DCHs.

ERR4300 c dn n i Invalid DN in the Speed Call List. Prints an error message and skips to the next DN. Where: c = customer, dn = Pilot DN, n = LSNO, i = INDEX value.

ERR4301 c dn n i Pilot DN not allowed as Trunk/Tenant Night DN. Call is diverted to customer night DN during Night Service. Where: c = customer, dn = Pilot DN, n = LSNO, i = INDEX value.

ERR4302 c dn n i Pilot DN is not allowed speed call list. Where: c = customer, dn = Pilot DN, n = LSNO, i = INDEX value, or

Pilot DN not allowed as Hunt/CFW/MNDN when used to access a speed call. Where: c = customer, dn = Pilot DN, tn = TN.

ERR4304 Display DN too large to be output in CDR record.

ERR4500 GPT Integrated Digital Access ERR: {x x x x}

The format of the message is ERR4500 xxxx, where xxxx is as follows:

300 d -A message has been received from DTSL/DDSL d that is either unequipped or disabled.

311 d - Message length of zero read from DTSL d — suspect faulty pack.

312 d - Message length exceeding 63 bytes read from DTSL d.

313 d - DTSL d is not responding.

314 d - Status register of DTSL d is not accessible.

315 d - Data register of DTSL d is not accessible.

330 d - Message output to DTSL/DDSL d has failed.

333 d - Invalid interrupt 401 d - Message length of less than 3 bytes has been received from DTSL/DDSL d.

402 d l c - Message received on unconfigured channel c, loop l, and DTSL/DDSL d.

403 d tn - Flow control encountered on DTSL/DDSL d. tn gives packed TN of the channel.

ERR4501 Received a PRA message with an unsupported service identifier.

ERR4502 Service discriminator is not supported by ISDN.

ERR4503 Message is ping-pong between 2 nodes.

ERR4506 Facility reject received. Data: Orig PNI, Orig #, Dest PNI, Dest #, Reason. The values for “Reason” are:

0 = no transmission address of such nature

1 = no transmission address for this specific address

	2 = application congestion 3 = application failure 4 = unequipped application 5 = network failure 6 = network congestion
ERR4507 c s	Missing PNI number in the customer data block. Where: c = customer, s = service ID.
ERR4508	Received bad facility I.E.
ERR4509 s	PNI missing in RDB, where: s = Service ID.
ERR4510	ROSE component sent is being rejected.
ERR5000	Target ID is not an ACD-DN or NARS DN. Procedure: Successful
ERR5001	Target ID did not access the ISL/PRA Trunk. Procedure: SEND_CALLSETUP
ERR5002	The QPC720C PRI is required for 1.5 Mb/s GPRI; otherwise, the MU/A law conversion and loss level adjustments will not function properly.
ERR5003 x	An incoming message, shorter than 5 octets, is ignored. The message should have a minimum of 5 octets if {n} is equal to 2. Where: x = the length of call reference in hex.
ERR5010	ISDN: Receive a Status messages with CAUSE = 30. This was in response to Status Enquiry but SL-1 did not send out a Status Enquiry message. Output format: DCH = x, IFC = x. Where: x = D-channel number and x = Interface Type
ERR5011 x	Received IE is in the wrong codeset; where: x = IE index.
ERR5012 x	Received IE is wrong in the High Layer Compatibility. Where: x = wrong IE information.
ERR5015 x y z	D-channel is interfacing with a software issue not supported by the application. **Action:** Be sure the software release of the far end is correctly defined by prompt RLS in LD 17. Output: x = D-channel number; y = the last digit of the release ID (for example: if LD 17 prompt RLS = 16, then y = 6); z = application ID.
ERR5016	Wrong extension bit for information request IE.

ERR5017 c Customer c should have a common printer defined. Procedure ICP_GET_PRINTER.

ERR5018 t Tenant t should have a common printer defined. Procedure ICP_GET_PRINTER.

ERR5019 This TN should have a printer configured. Procedure ICP_ESTABLISH and ICP_GET_ATTN_PTR.

ERR5020 That information request type is not supported.

Output:

x = D-channel number

y = the last digit of the release ID (for example: if LD 17 prompt RLS = 16, then y = 6)

z = application ID.

Action: Ensure the software release of the far end is correctly defined by prompt RLS in LD 17.

ERR5021 Wrong length for information request IE.

ERR5022 The specific information requested is not supported.

ERR5024 The auto-terminating number for this In-band ANI route is not an ACD-DN.

ERR5025 x A call originating or being tandem switched though on this switch is trying to insert more than 8 digits in the calling party number for an AXE-10 interface. Only eight (8) digits can be included in the calling party number, or the digits are truncated to the right. Where: x = DCH Interface number for the SETUP message.

Action: Modify LD 15 PFX1 and PFX2 so that PFX1+PFX2+DN is less than 8 digits.

ERR5026 Multi-Tenant alone or with CPG level services is enabled. The caller is denied access to the CPG Night DN. This is an illegal configuration. Tenants sharing the same CPG should be allowed access to each other.

ERR5027 Stepping action is aborted. Stepping to an ISA route is not allowed.

Action: Use LD 16 to correct the stepping route number.

ERR5028 Stepping action is aborted. Stepping to an ISA SERVICE route is not allowed.

Action: Use LD 16 to correct the stepping route number.

ERR5029 Reverse call charging is not allowed. Please disregard the call charging information received from the network.

ERR5030	Information in the TYPE field of the Information Element is invalid.
ERR5031	The network will disregard the ISDN call charging information received, because the call was never properly established.
ERR5032	The HM_STRUCT for a set is missing in the procedureWUK_LAMP_FLASH, or the HM_STRUCT for a set is missing or the set does not have CCSA Class of Service procedure WUK_DARK_OR_LIT.Data corruption.
ERR5033	An invalid lamp state has occurred in the procedure WUK_DARK_OR_LIT. Either there is a request and the Wake Up Key (WUK) lamp is not lit or there is no request and the WUK lamp is lit.
ERR5034	aux_custptr [ ] = NIL in procedure store_awu. Data corruption
ERR5035	Unable to find a primary appearance DN to store the Wake Up call. Procedure wuk_get_tn or ffc_find_awu_tn. Cannot proceed.
ERR5037	A restart message has been sent twice, but the far-end has not responded with the proper RESTART ACK message. The PRA B-channels are left in a maintenance busy state. The ISL trunks are not marked as maintenance busy if they revert back to a conventional trunk (option enabled). **Action:** Check the D-channel status for both ends in LD 96. Try to disable and reenable the D-channels.
ERR5039 D	The Virtual Network Service (VNS) message received is discarded because the VNS package is not equipped. Where: D = D-channel number.
ERR5040	No idle channel is available for a VNS customer.
ERR5041	VNS mismatch due to timing. Depending on frequency, this may or may not be a problem.
ERR5043	Invalid date information element for PRA messaging.
ERR5044	No posttransl blk defined in pd. Pretranslation.
ERR5045	No RPA FFC PARM blk defined for the RPS.
ERR5046	DN does not exist in the RPA-DN tree (table).
ERR5047	RPA does not support diversion to manual RPS.
ERR5048	RPA traffic block pointer in RPA SYS PARM blk is nil.

ERR5049 Rising edge of Call Accepted signal is either too short or too long from trailing All Digits Revd signal.

ERR5050 Rising edge of Start Talk signal is either too short or too long from trailing Call Accepted signal. Speech path will not be provided; call can be answered in normal manner.

ERR5051 NO RPCD data defined.

ERR5054 The ISDN call charging information exceeds the limit of 9 digits. Please disregard the charging information message from the network.

ERR5055 Unable to generate End-to-End Signaling tone due to one or more of the following

1. No available conference slots.

2. No available TDS slots.

3. No available junctor slots or time slots to establish speech paths among all involved parties, conference, and TDS cards.

Action: This is most likely a traffic problem. Check your traffic reports for the hour to isolate the problem. If necessary, add hardware.

ERR5056 l s c u An invalid EES lamp state exists on the Attendant console. The TN (l s c u) is output.

ERR5057 A D O T The D-channel interface for routing Network Message Service (NMS) facility messages is not an SL-1 interface. Please verify your data base configuration.

A = operation code for TCAP protocol

D = the D-channel sending FACILITY message

O = Originating digits

T = Terminating digits

ERR5058 A O T Please check the system registers resources. Cannot obtain call register to simulate the configuration request for sender feature originated at remote switch.

A = operation code for TCAP protocol

O = Originating digits

T = Terminating digits

ERR5059 No DNP message is sent to the Meridian Mail server. The DNP message for ISDN/AP is not retrieved for a conference call to the Meridian Mail server when activated from a remote switch.

ERR5060 tn	This unit has and LSPK key, but the DN defined does not match with any loudspeaker.
ERR5061	You cannot synchronize a local clock. It must be set manually.
ERR5062	That TCAP package type is not recognized by the TSYNC feature.
ERR5063	That TCAP parameter is not recognized by the TSYNC feature.
ERR5064	The local clock cannot be synchronized. The local clock must be set.
ERR5065	The TCAP package type is not recognized by the TSYNC feature.
ERR5066	That TCAP parameter is not recognized by the TSYNC feature.
ERR5067	Previous Hospitality block is found to be missing. The new entry is used to recreate the lost block. See LD 49.
ERR5068	Corrupted NFCR structures. TREE_EXIST of Hospitality.
ERR5069	Corrupted Hospitality tree. Hospitality procedure. See LD 43.
ERR5070	Prime DN key should be SCR or SCN for a Hospitality set. HSP_FORCEDISC of Hospitality.
ERR5071	Hospitality tree does not exist. TREE_EXIST of Hospitality.
ERR5072	Accessed tree is not a Hospitality tree. HSP_GETLEAF_PTR of Hospitality.
ERR5073	Corrupted value of TREE_DIGIT_CODE in Hospitality tree.
ERR5075 x	The NT8D19 Memory/Peripheral Signaling card had “x” memory parity errors in the last 30 minutes. **Action:** If this error persists or is accompanied by unexplained SYSLOADS, then replace the card. Ignore occasional occurrences as these errors are self correcting.
ERR5087 x	Invalid value for the interface identifier field of channel id information element from an incoming message. Where: x = the message type in hex.
ERR5088	Invalid value for the class field of restart indicator information element from an incoming message. Where: x = the message type in hex.
ERR5090 data	Could not send an activation/deactivation message to an MFR.

ERR5091	Speaker dn, unit dn - loudspeaker cannot enter CONF; number of loudspeakers in conference is at maximum value.
ERR5092	Warning: LDNO must be defined for the customer for ISDN DID calls in order to determine the number of digits expected for successful call termination.
ERR5094	Not the same dial tone frequency range defined on the route and on the dial tone detector.
ERR5095 tn	Timer value conflict found on Universal Trunk or E & M Dictation card (NT8D14/ NT8D15) during audit parameter download.
ERR5096	A TNTRANS was successful when the AWU call was linked to the attendant queue, but is now unsuccessful when the actual VIP call was attempted.
ERR5097	Received an invalid call reference from far-end switch.
ERR5098	Invalid Cardlan Message. Received a data message before receiving an address type message.
ERR5099	Invalid Cardlan Message. Received a retransmit message without sending a message.
ERR5100	Invalid Cardlan message. Received an unrecognizable message.
ERR5101	Cardlan received a message out of sequence.
ERR5102	A write to 64180 Interrupt control register failed.
ERR5103	A write to 64180 Data control register failed.
ERR5104	Invalid Cardlan Message.
ERR5105	Received a retransmit message from an XPE pack.
ERR5106	Cardlan audit has detected a stuck cardlan state.
ERR5107	An invalid 64180 message has been received.
ERR5108	Hardware type error message received from cardlan.
ERR5109	Input IVD message has been discarded.
ERR5110	Output SSD message has been discarded. **Action:** Contact your technical support group if this problem persists.

ERR5111 Invalid sequence type has been detected in a transmit XI type message.

ERR5112 Overload condition has been detected on an XPE line card. (Signaling to the card has been disabled.) The card will be automatically enabled after 30 seconds.

Action: If problem persists, replace the faulty line card.

ERR5113 Three consecutive overload conditions have occurred for this card. The card will be disabled and will not be re-enabled.

Action: You must replace the card.

ERR5114 A signaling channel has been disabled. The channel will be enabled automatically.

ERR5115 An overload card has been enabled again. Card should be operational.

ERR5120 The 1.5 Mb/s International ISDN Gateway feature does not support the QPC472 DTI hardware for the MU/A law conversion and loss level adjustments. Use the QPC720C PRI hardware for DTI trunk connectivities.

ERR5132 data For a tandem CDP DSC call, the incoming route and outgoing route belong to the same Route List Index (RLI). To avoid potential looping problems, the CDP DSC database may need to be modified.

The output data is: customer number, incoming route, outgoing route, outgoing route list index, outpulsed digits.

ERR5133 Invalid content of optional information element.

ERR5134 Invalid information element for the message type.

ERR5135 Mandatory Cause Information Element missing in Release or Release Complete message. Procedure I_RELEASE.

ERR5136 Invalid octet 3A in Calling Party Number Information Element. Procedure CALLING_PTY_#.

ERR5137 Protocol error. Procedure DEC_STATUS.

ERR5138 Global Call Reference not supported. Procedure GLOBAL_CREF.

ERR5139 a b c d e f A data corruption in the ISA_ACTIVE_CALL variable for the ISA service route has been detected and fixed. The data output is:

a = customer number

b = ISA master route number

c = ISA service route number

d = number of trunks configured for the master route

e = audited active call count

f = active call count in data store

ERR5140 a b c d e A data corruption in the ISA_B_RESERVED variable for the ISA service route has been detected and fixed. The data output is:

a = customer number

b = ISA master route number

c = ISA service route number

d = number of B-channels reserved in data store

e = audited number of B-channels reserved

ERR5141 a b c d e f g h A data corruption in the ISA_BCH_AVAIL variable for the ISA service route has been detected and fixed. The data output is:

a = customer number

b = ISA master route number

c = ISA service route number

d = audited number of channels available

e = number of trunks configured for the master route

f = audited number of busy channels

g = number of channels available in data store

h = number of channels reserved in data store

ERR5144 Invalid length of information element.

ERR5145 Extension bit or IE length error in Party Category IE.

ERR5146 Extension bit or IE length error in Transit Counter IE.

ERR5147 Invalid numbering type, numbering plan combination.

ERR5148 Invalid restart class.

ERR5149 Receipt of a Status reporting a Cause different than response to STATUS ENQ.

ERR5150 T308 timed out twice in U19 channel. Put in maint-busy state followed by INT (MSG_CR), D-channel number, UTN, State, Call Reference.

ERR5151	Undesirable Interface Indicator present in Channel ID IE.
ERR5155	OHAS treatment not given because it is not a legal OHAS DN.
ERR5156	The input buffer for the CDR TTY is still loaded. There is not enough space for the number of characters to be output. The last character of the field may be lost.
ERR5157	BRI call in wrong state. Call is cleared.
ERR5158	Invalid BRI call reference.
ERR5159	BRI B-channel status out of sync between Meridian 1 and the MISP; call attempt is aborted.
ERR5160	BRI calls exceeded the limit for the DSL.
ERR5161	BRI call cannot be connected because of incompatibility of the call type with the B-channel.
ERR5162	BRI call cannot be connected because a Call Register cannot be allocated.
ERR5163	BRI call processing message has timed out.
ERR5164	The BRI B-channel is in maintenance busy state.
ERR5165	Message received from invalid loop.
ERR5166	Message received from wrong line card type.
ERR5167	Invalid message received from BRI line card.
ERR5168	No output buffer available to send SSD message.
ERR5169	Message problem report from BRI line card.
ERR5231	No outgoing ESDI packet allowed when the ESDI card is disabled. Output: {aml number in decimal}.
ERR5232	No incoming ESDI packet allowed when the ESDI card is disabled. Output: AML: {aml number in decimal}.
ERR5233	The MSDL AML port is disabled. Therefore the incoming AML message is disregarded. Output: AML: {aml number in decimal}.

ERR5234 The given AML (i.e., CLS) priority is disregarded.

Output: AML: {aml number in decimal} PRIO: {msg_priority in decimal}

ERR5235 The MSDLMISP_HDLR handler failed the outgoing XDU MSDL AML request. Output: AML: {aml number in decimal} CODE: {msdlmisp_hdlr failure code in decimal}

ERR5236 The MSDLMISP_HDLR handler failed the outgoing DU MSDL AML request. Output: AML: {aml number in decimal} CODE: {msdlmisp_hdlr failure code in decimal}

ERR5237 The GET_O_BUF procedure failed to find a free outgoing buffer to send an outgoing AML MSDL packet. Output: AML: {aml number in decimal}.

ERR5241 NIL pointer passed in as a parameter. Unable to update the TN block with the wake up information. Cannot proceed. Procedure WRT_AWU_TN.

ERR5242 NIL pointer to the HM_STRUCT which contains the wake up information. Cannot update and cannot proceed. Procedure WRT_AWU_TN.

ERR5243 tn Digit collect message received from RAN trunk unit.

ERR5244 type tn An invalid problem type has been received in a problem report message.

ERR5245 type tn An invalid message type has been received from a card or unit.

ERR5252 The SDI I/F Handler could not retrieve a free buffer to send an outgoing message.

ERR5254 The SDI I/F Handler encountered a problem transmitting an expedited message

ERR5255 The SDI I/F Handler encountered a problem transmitting a standard ring message.

ERR5256 The SDI I/F Handler received a data.indication primitive with a length of zero.

ERR5257 The SDI I/F Handler received a data.indication primitive but could not store incoming characters because the TTY input buffer is full. Incoming characters were discarded.

ERR5258 The SDI I/F Handler received a data.indication primitive but could not store all incoming characters because the TTY input buffer became full. Some incoming characters were discarded.

ERR5259 The SDI I/F Handler received an incoming message that had an unsupported primitive ID.

ERR5260 The SDI I/F Handler received an incoming message that was not in the correct MSDL ring or expedited buffer.

ERR5261 The SDI Port was disabled because the number of response timeouts on a output primitive has been exceeded.

ERR5262 The SDI I/F Handler received a message from a port that is not enabled.

ERR5263 The SDI I/F Handler received an incoming message that could not be processed in the current SDI state.

ERR5264 The SDI I/F Handler received a data.indication message that had more characters than the maximum size of the TTY input buffer. The message is discarded.

ERR5266 The SDI I/F Handler received a maintenance primitive message with an invalid data length. The primitive message is discarded.

ERR5267 The SDI I/F Handler encountered a problem when trying to resynchronize flow-control variables with the MSDL I/F Handler.

ERR5272 tn An invalid maintenance message has been received from a card.

ERR5275 The DCH timed out while waiting for a test mode state change.

ERR5276 DCH: {DCH NUMBER} {DCH LINK STATE} An SSD message to process the MSDL DCH output request queue is found to be lost. No action is required by the craftsperson.

ERR5277 An invalid DCH link state was found and corrected.

ERR5278 The DCH state was found to be disabled, while the DCH port was disabled.

ERR5279 Application state was disabled, while the port on the MSDL card was enabled.

ERR5280 Wrong Optional Information Element Length.

ERR5281 Pointer BG_TFC_TODAY_PTR or BG_TFC_YESDY_PTR is NIL because of the low memory problem or the memory corruption.

Action: Manually INIT the system to rebuild memory blocks. If manual INIT still does not work, you should add more memory cards or remove data from the system.

ERR5282 c dn r Warning: Undefined RAN route for night RAN. Where: c = customer number, dn = ACD DN, r = route number.

Action: Define the RAN route and trunk in LD 16 and LD 14, then enter the route number at prompt NRRT in LD 23 for the ACD DN.

ERR5283 No message sent to the ICP computer.

Action: Update the computer database manually.

ERR5284 The DCH port on the MSDL card was found to be enabled, while the MSDL card was not operational.

ERR5285 c dn r Warning: Undefined RAN route for first RAN. Where: c = customer number, dn = ACD DN, r = route number.

Action: Define the RAN route and trunk in LD 16 and LD 14, then enter the route number at prompt FRRT and connection timer at prompt FRT in LD 23 for the ACD DN.

ERR5286 c dn r Warning: Undefined RAN route for second RAN. Where: c = customer number, dn = ACD DN, r = route number.

Action: Define the RAN route and trunk in LD 16 and LD 14, then enter the route number at prompt SRRT and connection timer at prompt SRT in LD 23 for the ACD DN.

ERR5287 Invalid routing data encountered for Network Call Pickup/TAFAS. Digits do not indicate a valid DSC/TSC/AC1/AC2 route access code to route the Call Pickup request.

ERR5300 DPNSS Route Optimization, invalid message received in Route Optimization supplementary service state. The message is ignored.

ERR5301 The ATDN is not a CDN, but the call was routed to the ATDN anyway. Output data: TRK trktn ANI ani_count ani_digits

ERR5302 M911 does not support test calls for the pilot release. (This does not apply to Release 19.) Output data: TRK trktn ANI ani_count ani_digits.

ERR5303 ANI must be either one or eight digits in length. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5304 ANI digit is must be 1-10, where 10 is the digit 0. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5305 ANI was not received within 4 seconds. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5306 Digit dialed exceed maximum allowed. More than 10 digits received.

ERR5307 MFR holding timeout. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5308 Could not allocate the M911 auxiliary Call Register. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5309 x y No music route for telephones defined for customer x using the FTC table y with XTT=YES.

ERR5310 l s c u x No music route defined for the trunk at TN l s c u using the FTC table x with XTT=YES.

ERR5313 CP to CP Cable Loss. The CP to CP cable is either disconnected or faulty.

ERR5314 The remote CMB has lost power.

ERR5315 Cannot turn on memory protection. Input address is invalid.

ERR5316 Cannot turn off memory protection. Input address is invalid.

ERR5317 IPB parity threshold exceeded.

ERR5318 IPB IRQ threshold exceeded. Interrupt has been disabled.

ERR5319 IPB IRQ interrupt has been re-enabled.

ERR5320 Error occurred initializing CP.

ERR5321 Failure occurred opening IPB database.

ERR5322 CP database I/O error.

ERR5323 IPB database I/O error.

ERR5324 l s c u The message received (Barring, Busy Tone, Line Break, Polarity Change, Seize Acknowledge) is not supported by the Class of Service defined on the trunk unit. Trunk disabled. Mismatch between hardware and software data base. (Feature is XFCOT/XDID.)

Action: Reenable trunk to force software download.

ERR5325 l s c Undefined PPM ID on Card {l s c}; PPM ID unchanged on card: hardware and software configurations no longer match. If PPM ID was invalid or undefined before, PPM has been disabled by card for all units on Card.

Action: Reconfigure PPM ID for card.

ERR5326 l s c Undefined Busy Tone Id on Card {l s c}; Busy Tone ID unchanged on card: hardware and software configurations no longer match. If Busy Tone ID was invalid or undefined before, Tone supervision is not guaranteed to work for any unit on the card.

Action: Reconfigure Busy Tone ID for card.

ERR5327 l s c u xxx xxx ... xxx Configuration not Supported on trunk {unit TN}. Trunk is disabled. Configurations not supported are XXX (XXX ... XXX), where xxx is one of: BUF PPM BTS BAR BAT DGC ATG.

Action: Examine Route and Trunk Unit configuration and change the offending configuration.

Where:

ATG = Autoguard (defined on unit: SEIZ)

BAR = Barring/Line Break Alarm (defined on unit Class of Service)

BAT = Battery Supervision (ARF BAT LBS) (defined by STYP in LD 16 for trunk unit).

BTS = Busy Tone Supervised: (defined by STYP in LD 16 for trunk unit).

BUF = PPM Buffered/Unbuffered: (defined on route)

DGC = DID Digit Collection Type (DIP/DTN/MFC) (defined on unit Class of Service and route)

PPM = PPM Enabled/Disabled: (defined on route)

ERR5328 l s c u Dialing Speed downloaded is not supported on the unit. Dialing speed for the unit is not changed on the card. Hardware and software databases no longer match.

Action: Change the dialing speed of the unit.

ERR5329 l s c Companding law downloaded is not supported on the card. Companding law on the card is not changed. Hardware and software databases no longer match.

Action: Change the companding law of the system or change the card.

ERR5330 l s c u Configuration conflict was detected on trunk unit during an audit. The configuration as specified for the unit has been stored on the card.

ERR5331 Seize failure on trunk to Conventional Main. CBQCM or RVQCM process was canceled.

ERR5332 msgtype tn Unknown content in message type received from superloop unit.

ERR5333 content msg type tn Unknown content in message type received from superloop unit.

ERR5334 The SACP package is not equipped. Idle Extension Notification (IEN) or Attendant Blocking of DN (ABDN) request received from another location.

ERR5335 x y Route x has a nonexistent XTDT table defined (y) and therefore no XTD could be found.

Action: Print out tables on system (LD 97) and on XTD cards (LD20) and reconfigure route with existing XTDT table.

ERR5336 GPT DTSL or NT5K75AA card configured in GPT mode. Status register not accessible. Writeio failed. Pd. DTS_CLEAR_LINT

ERR5337 GPT DTSL or NT5K75AA card configured in GPT mode. Status register not accessible. Writeio failed. Pd. DTS_READY

ERR5338 GPT DTSL, NT5K75AA or NT5K75AA card. Data register not accessible. Write I/O failed. Pd. DTS_SEND

ERR5339 GPT DTSL or NT5K75AA card configured in GPT mode. Status register not accessible. Write I/O failed. Pd. DTS_END_OF_WRITE

ERR5340 GPT DTSL or NT5K75AA card configured in GPT mode. The timer has expired and the I bit is still raised in the status register. Pd. DTS_END_OF_WRITE

ERR5341 GPT DTSL, NT5K35AA card or NT5K75AA card. The software wanted to send a message to the pack. The transmit FIFO on the pack was busy and there was no more output buffer available. The value entered to DTOB in the Ovl 17 may be too small. This may also be a hardware fault. Pd. DTOB_Q_MSG

ERR5342 NT5K35AA card or NT5K75AA in NT mode. DTS_SEND failed in pd. SEND_DPNSS_MSG.

ERR5343 GPT DTSL or NT5K75AA card in GPT mode. DTS_SEND failed in pd. DASS_INPUT.

ERR5344 WRITE I/O failed. Pd. LED_OFF.

ERR5345 WRITE I/O failed. Pd. LED_ON.

ERR5346 Msg received from L2 but DTIB is full. The value entered to DTIB in the Ovl 17 may be too small. This may also be a hardware fault. Pd. DTS_LONG_MSG.

ERR5347 DTS_SEND failed in pd. WRITE_SIG_LINK.

ERR5348 Some msg were still waiting in the DTOB when the DISABLE msg is sent to the pack. DTOB has been cleared. Pd. DDSL_DIS_MSG

ERR5349 Some msg were still waiting in the DTOB when the ENABLE msg is sent to the pack. DTOB has been cleared. Pd. REQ_ENABLE.

ERR5350 The required FR is missing in the display IE received from SwissNet CO. The charging information is ignored.

ERR5351 A FACILITY message other than the expected Camp-On activation message was received at the MCDN/DPNSS call offer Gateway.

ERR5352 Could not allocate memory for Call ID table. No Call ID can be allocated. More memory may be required.

ERR5355 DCH: {DCH number} (NO XBFR) Request to get an expedited buffer by the MSDL DCH application failed.

ERR5356 DCH: {DCH number} EXP {Fail cause} Request to send a message through the MSDL expedited interface failed.

ERR5357 DCH: {DCH number} CAUSE {Error cause} A flow control timer was found to be active for MSDL D channel. It has been reset. No action is required by the craftsperson.

ERR5358 DCH: {DCH number} CAUSE {Error cause} There should be an active flow control timer for the MSDL D-channel. The flow control state has been reset. No action is required by the craftsperson.

ERR5359 Under/Overflow condition in converting ICCL Tandem Count to/from IDA Loop Avoidance Count.

ERR5360 tn Loss Plan conflict found on an IPE trunk during audit parameter download. The Loss Plan stored in the IPE trunk firmware for the unit has been reset to the Loss Plan specified in the audit message.

ERR5361 Unable to allocate NPID table block in memory.

ERR5362 Invalid format of the dialed (ADR) digits received over 911E trunk.

ERR5363 Dialed (ADR) digits not received within specified time. 911 call treated as ANI failure.

ERR5364 NPID table does not exist for the 911 route.

Action: Check RDB for the 911 route.

ERR5365 M911_NPID_MHPTR is Nil.

ERR5367 Wrong configuration for NAS Routing when the attendant is in Night Service. The following may indicate the problem:

1. NAS table is empty

2. Night DN cannot be defined as DSC

3. Night DN is not allowed to have any forward of any type (CFWAC, FBA, HTA, EHTA, HBTA)

ERR5368 n Italian CO special services: route associated to the ITXX FFC code is not configured anymore. Where: n = is the route originally configured for ITXX.

ERR5369 l s c u i Invalid database configuration. Assigned authcode entered is not a valid authcode in OVL 88, where: l = loop, s = shelf, c = card, u = unit, and i = index of the assigned authcode

ERR5370 tn USCR being accessed, but customer SCPL is not defined.

ERR5371 tn Set has CLS USRA but FFC package is not equipped.

ERR5384 The total number of messages in queue exceeds the predefined number defined in LD 17. The oldest message will be discarded in order to make room for more. The deleted messages will be displayed following this error message.

ERR5385 The message has been retransmitted for the specified number of times. This message will be discarded. This deleted message will be displayed following the error message.

ERR5386 Failed to allocate a CR for PMSI outgoing message.

ERR5387 a b c d The PMSI outgoing message is exceed the maximum length. The character will be ignored, where: a = address of the CR contains the message, b = AUXPM, MAINPM, c = NAK counter, timeout counter, retransmission flag, and d = message length

ERR5388 A digit other than 1 or 0 was entered for message monitoring option from a maintenance telephone.

ERR5389 A non-polling Call Register was found when auditing the PMSI Call Registers.

ERR5390 Failed to allocate polling Call Register during initialization.

ERR5391 The primary port is not configured. Therefore, the message monitoring commands cannot be executed from LD 37, or from a maintenance telephone.

ERR5394 xy	The customer number in the CDR Record uploaded from the MPH (Meridian Packet Handler) is invalid. It is possible that the data stored in the MPH is out of sync with the switch x = Customer Number received from MPH (decimal) y = MPH loop number (Decimal)
ERR5396	Call is dropped due to TSP database change.
ERR5397	Service operation violated.
ERR5398	One of the following has occurred: 1. The specified RAN route is not configured. 2. The specified route is not configured as a RAN route. 3. The RAN route is configured but no RAN member exists.
ERR5398 c dn	For customer “c”, DISA RAN “dn”, either the DISA RAN is defined with an invalid RAN route, or the route has no trunk member. **Action:** The system administrator should verify the data base configuration.
ERR5399	Attendant Blocking of DN (ABDN) feature is not enabled.
ERR5400 x y z	The PNI in the Route Data Block (LD 16), as noted by the dialed digits, is the same PNI number as currently programmed in the CDB (LD 15), where: x = customer number y = customer PNI number z = digits dialed (first 8 digits)
ERR5408	NACD logical call request received that contained more than the supported number of DNIS digits. The DNIS information has been truncated to the supported length.
ERR5409 tn	The OHOL unit assigned to the conference loop is not valid. The spare dealer conference loop was used.
ERR5410 tn	The OHOL unit assigned to the conference loop is not available. The spare dealer conference loop was either non existing or not available.
ERR5411 tn	The M2616 telephone with CLS DELA, but is not an OHOL unit has initiated a conference.
ERR5412	Invalid Status Register state in Low Speed Link to Option 11 Mail.

ERR5413 tn — No charging information available from CO for an outgoing call.

ERR5414 — NIL AOC pointers found in protected trunk block. A possible solution is to switch prompt MR in LD 16 to NO and then to switch it back to current value. (TN of the trunk to follow).

ERR5415 — For customer “c”, either the Authcode-last Retry RAN is defined with an invalid RAN route, or the route has no trunk member.

Action: The system administrator should verify the data base configuration.

ERR5416 c dn — For customer “c”, DISA DN “dn”, an incoming call has been waiting too long (greater than RTMR) for DISA RAN. As a result, the caller is removed from the RAN queue and the call proceeds to the next processing step.

Action: The system administrator should check on the RAN hardware to see if the RAN trunks are capable of handling the traffic. An alternative to decreasing the frequency of message appearance is increasing the time defined for the RAN timer.

ERR5417 — Message received from analog line card contains invalid message type. The message is ignored.

Format: ERR5417 tttt mmmm

Where:

tttt = the TN the message was sent to in internat format

mmmm = the message contents

ERR5418 — Reverse Charging billing ID received in an AOC-D or AOC-E message from CO for an outgoing call. This charging information is not taken into account. (TN of the trunk to follow).

ERR5419 — The currency information received from CO in AOC-D or AOC-E message overflows the storing area limit (4 294 967 295). This charging information will no be taken into account. (TN of the trunk to follow).

ERR5420 — Overflow during computing of AOC information received from CO. This charging information is not to be taken into account. (TN of the trunk to follow).

ERR5421 — Null time stamp found in AOC-S structure. Processing of the charging information not possible. (TN of the trunk to follow)

ERR5422 tn — The AOC-D or AOC-E charging information received from CO is smaller than the previous one. This information is discarded. (TN of the trunk to follow).

ERR5423 No 500 set TN found to send Message Waiting Indication from. Define in Overlay 10 pseudo-TN block with SMSA Class of Service, where: y - customer number

ERR5424 Procedure DO_XALC_SETS/DO_ANALOG_SETS module LIN5Input received from Standalone Mail Message server. These sets should not exist outside of the configuration.

ERR5425 Buffer to the PRI (QPC720) hardware has overflowed.

ERR5426 Unexpected event for the VNS no bearer state handler {SOURCE} and if SOURCE is a message received: {MESSAGE_TYPE}

ERR5427 Failure on a D-ch used by VNS.

ERR5428 Failure on a bearer trunk used by VNS, VNS TASK, TERMINAL, CRPTR, and Time and Date output.

ERR5429 Unexpected event for the VNS state handler. {WHATS_HAPPENED}{VNS_STATEPN:UVNS_DNPTR} and if VNS state not 0:{CUST}{INDEX}.

ERR5430 Unexpected message received on a D-ch used by VNS {message type}.

ERR5431 Invalid message to send an a D-ch used by VNS {message type}.

ERR5433 FLH timer conflict found on the EXUT, XCOT cards during audit parameter download. The FLH timer stored on the card is different form that which is stored in the route for the unit. TN of the unit is given.Force disconnect timer conflict found on the CIS incoming XDID card during audit parameter download. Unproductive timer conflict found on the CIS outgoing XDID card during audit parameter download.

ERR5434 {TN} A recall message is reported by the XFEM card to the software for an AC15 tie trunk but it is ignored because either the ACRL package is restricted or the TRRL feature is not configured properly.

{TN} TN of the faulty trunk.

1. If the TRRL feature is supposed to be configured, make sure the data configuration is correct. Enable the ACRL package and reload the system if necessary.

2. If the TRRL feature is NOT supposed to be configured, check why the system at the far end sends a recall signal.

ERR5435 {TN} A recall message is reported by the XFEM card to the software for an AC15 tie trunk but it is ignored because the trunk is not in the “answered” state. Where: {TN} TN of the faulty trunk.

Action: Check why the system at the far end sends a recall signal when the trunk is in this state.

ERR5436 Number of Call Registers is too low to process DASS/DPNSS calls. This can be changed in the configuration record (Overlay 17, prompt NCR).

ERR5437 Set is configured with DIG Member Number matching the SPRE first digit and one single DIG digit is expected. This should never happen unless wrong configuration manipulation. For instance, going from a two-digit table to a single-digit table without removing the single DIG Member Number matching the first SPRE code digit.

ERR5439 CPND/CLID message not sent to card from output buffer. Output buffer overflow on MCMO card. MCMO set buffer may not be large enough or is not being emptied.

Output Data: ERRyy x x tn, where:

yy - the error number.

x x - reference numbers for the message.

tn - terminal number (tn is in all decimals (l s c u)).

Action: If the error messages are from the same TN, check the station or the MCMO card for defects.

ERR5440 mm nn Auto Set Inst. default Model No. in LD 97 mismatches with model set defined in the data base, where: mm = the default model type and nn = the default number.

ERR5441 Facility message error. Incorrect Facility message is sent to the user.

ERR5442 The Set Based Administration initialization routine could not allocate enough memory for the restriction control blocks. Login limits are set to zero.

ERR5443 Y BTD table associated with this trunk Y has been removed using Overlay 97. Table 0 is used.

Action: Either recreate BTD table number as configured in trunk block or remove all trunks associated with this card and reconfigure them with BTDT to match an existing table.

ERR5444 l s c A mismatch between previously downloaded Busy Tone Phase 1 cadence value and audit message has occurred.

Action: Values on card are changed to reflect audit message. If problem continues, report problem to NT.

ERR5445 l s c A mismatch between previously downloaded Busy Tone Phase 2 cadence value and audit message has occurred.

Action: Values on card are changed to reflect audit message. If problem continues, report problem to NT.

ERR5446 l s c A mismatch between previously downloaded BTD call direction support value and audit message has occurred.

Action: Values on card are changed to reflect audit message. If problem continues, report problem to NT.

ERR5447 l s c A mismatch between previously downloaded Busy Tone Detect Level value and audit message has occurred.

ERR5448 The EI Originating party has received a CCM for the connection of the EI conference, but this CCM does not contain any EI-I.

Action: Still accept the message.

ERR5449 The Wanted party has become free while involved in an EI process (waiting for the Unwanted's IPL or involved is an established EI conference), but it could not be re-rung for lack of resources or bad configuration.

Action: Send CRM (Congestion) on the Originating channel.

ERR5450 BTD Frequency 0 value mismatch.

ERR5451 BTD Frequency 1 value mismatch.

ERR5452 BTD Tone Tolerance value mismatch

ERR5453 BTD Tone Level Maximum value mismatch

ERR5454 BTD Tone Level Minimum value mismatch.

ERR5468 NFCR tree being used for Outgoing Call Barring does not exist. No calls are barred.

Action: Turn off OCB on the set indicated, or configure the required tree.

ERR5469 The number of digits used for LEC and ANI DN is more or less than 7 when trying to transmit ANI information to a CIS analogue/DTI trunk. The least significant digits of the ANI DN will be omitted or missing digits will be completed with ADDG.

Action: Check LEC prompt in LD 16 and ANI DN used.

ERR5490 Could not get a temporary Group Hunt block during Speed Call controller modification of a Group Hunt list.

ERR5491 Bad CPNW configuration. The Speed Call list specified in the CPNW data block of Overlay 18 is invalid.

ERR5492 The PINX DN cannot be reached. Either the configuration is invalid or the D-channel is disabled. Or local PINX DN not defined.

ERR5493 TCAP or ROSE protocol error for CPNW feature.

ERR5494 x y z Where x = customer number y = GPHT list number z = dialed PLDN digits. A user has attempted to use a PLDN with USE = SCLU (Speed Call List User) or SCLC (Speed Call List Controller) to access a Group Hunt list. This configuration is not supported.

ERR5511 BTD Table 0 is not defined.

Action: Use Overlay 97 to create Table 0.

ERR5512 n ERR020 messages for loop n has been automatically turned OFF. ERR020 will be automatically turned back ON in 20 seconds.

ERR5513 n ERR020 messages for loop n has been automatically turned ON.

ERR5514 Multiple appearances of a DN that is associated with a DTM key or with key 00 of a TN which has a DTM key is not permitted.

Output data: TN location, DN for which an illegal multiple appearance has been found.

Action: Craftsperson must either delete the multiple appearance, use another DN, or delete the DTM key.

ERR5515 Applicable when MULT = YES Configuration error. Regarding the value of the multiplier received from the CO, the value of RURC is not correct. The RURC value should not be greater than the multiplier.

Action: Change RURC exponent value.

ERR5516 The IDs configured on the NAS routing table must lead to a full DPNSS route, or full MCDN routes to routes including a single MCDN to DPNSS1 gateway.

Action: Reconfigure the NAS routing table.

ERR5517 The IDs configured in the NAS routing tables must be UDP or CDP DNs.

Action: Reconfigure the NAS routing table.

ERR5521 x

Where x= Speed Call List Number.Looping has been found between Speed Call lists. This could happen if a speed call list routes a call to itself (by having a member which is a PLDN which accesses its own list). Speed Call list number x was the last list call reached.

Action: Alter the configuration to avoid such looping.

ERR5522

A recall message sent by the Norstar is reported by the XFEM card for an AC15 tie trunk but it is ignored because the trunk is already in split outgoing mode. {TN} TN of the AC15 trunk.

ERR5523

Parsing of name informations received from QSIG failed.

Action: Inconsistent name information has been received. Report the problem.

ERR5524

A network call park operation is tried from one node to another for which the Call Park Networkwide feature is not defined.

Action: Contact your system administrator if the Call Park Networkwide operation is not defined.

ERR5526

Illegal multiple appearance of a DN assigned to a designated data mode key.

ERR5532

%DNIS has more than 30 digits which is not supported.

ERR5533

SETUP message has been received on an Australian UIPE interface with the request for a permanent connection to be established. The ISPC Reference Number included in the message do not allow the link to be established for the following reason: The format of the message is: ERR5533 -x -y where: y - D-channel number x - Detail of the problem:

1 - Unknown ISPC Reference Number. There is no TN on any Phantom DTI2 loops configured with this ISPC Reference Number.

2 - The ISPC Call Reference number is not delimited by a star '*' character in Calling number field of the received SETUP message.

3 - The ISPC Call Reference number is empty.

4 - The ISPC Call Reference number is made of information other than the digits in the IA5 format.

5 - The ISPC Call Reference number is longer than 7 digits.

6 - The TN for which the ISPC Reference number is configured is on a Phantom DTI2 loop not on the same group as the PRI2 trunk on which the request was received.

Action: Check the system configuration. If the configuration is correct, contact the Administrative Entity of the Public Network.

ERR5534 The ISPC Call Reference number is empty in the Calling number field of the received SETUP message. This message is displayed when a SETUP message has been received on request for a permanent connection to be established.

Action: Contact the Administrative Entity of the Public Network.

ERR5535 TN {cause} An improper configuration has been detected when an ISPC link is used to convey D-channel signalling.

Where:

TN - ISPC D-channel slave trunk {cause}

n - represents the error cause:

0: SET_DTI22_PTRS failed with DTI2 phantom trunk.

2: The trunk must be a TIE trunk.

3: The trunk must be configured with the DTN class of service.

4: Data corruption with the route pointer.

5: The route is not an ISL trunk.

6: The trunk is not a DID trunk.

7: The route is not configured with DSEL = DTA

8: The route must not be an ISL route.

9: The route is not configured with DLTN = YES

10: The route is not configured as incoming.

11: The route is not configured with PRDL = BSY.

12: The route is not configured with DTD = YES.

13: The route is not configured as outgoing.

14: The route is not configured with NEDC = ETH.

15: The route is not configured with FEDC = ETH.

16: The route is not configured with CPDC = NO.

17: DDD_PACKAGE is restricted.

Action: Check the system configuration and use overlay 96 to restart the process if required.

ERR5536 The ISPC Call Reference number length is longer than 7 digits. This message is displayed when a SETUP message has been received on an Australian UIPE interface with the request for a permanent connection to be established. Contact the Administrative Entity of the Public Network.

ERR5537 TN DN The maximum number of calls to be performed on a data interface for D-channel signalling to use an ISPD link has been reached. This manual process has been stopped. The format of the message is:

ERR5537 TN DN, where: TN - ISPC D-channel slave trunk DN - represents the digits received by the Meridian 1. If no digits have been received, nothing is printed. If some digits have been received but the DN is incomplete or invalid, the digits will be printed.

Action: Check system configuration, and use overlay 96 to restart the process if required. Also, check the system configuration of the farend Meridian 1.

ERR5538 A SETUP message has been received on an Australian UIPE interface with the request for a permanent connection to be established. As the ISPC package (no 313) is not enabled, the request has been rejected.

Action: Enable Package ISPD (no 313) and reload the PBX if an ISPC link is required.

ERR5539 {type of error} {event/state} {park1} {parm2}{parm3} Call Completion (CC) Supplementary Service. Protocol error detected by CC QSIG protocol handler.

ERR5549 x y tn rtclock Cannot send Mobility pad message to MXC card.

x y represent the reference number for the message.
tn = terminal number (tn is in all decimals (l s c u))
rtclock is an internal timestamp (.5 ms)
Possible output buffer overflow. Number of PBX output buffers may not be large enough.

Action: If the error messages are from the same tn check the card for problems

ERR5574 OLI received does not belong to any range defined for that route.

ERR8985 x y Where:

x = GPHT list number

y = index number of the faulty GPHT number

A faulty Group Hunt member has been encountered whilst terminating on a GPHT list or altering the list.

Action: Remove the invalid member from all its GPHT lists (using Overlay 18).

ERR8986 This TN should have CFW AC configured. Procedure icp_storecfw and icp_act_allowed.

ERR8987 FFC cannot be used without SPRE defined.

ERR8988 Flexible dial tone detection (FDTD) table not configured.

ERR8999 x Attempt to use a nonexisting ART x. Default for route type is used.

ERR9000 C T A NAS routing is incorrectly configured. The routing tables should contain DNs to reach remote attendants on the network. The configuration error was noticed by the software while processing CUST c customer number TEN t tenant number ALT a alternative The previous alternative route is probably badly defined, for example as a local DN.

ERR9004 TN Horizon terminals must be defined with a display.

ERR9005 TN Invalid input for Horizon terminal type.

ERR9006 Invalid ESRT configuration. ACCD intercept treatment has been given to the set.

Action: Correct the database.

ERR9007 Invalid OSDN configuration, caller information is not linked.

Action: Correct the database.

ERR9008 Station set specified by OSDN is not configured with an OSN key. Caller information is not linked.

Action: Correct the database.

ERR9009 Undefined CLID entry is configured for the originating DN of an ESA call. Calling number is set to customer's DFCL.

Action: Correct the database.

ERR9012 ESA CLID configuration error detected. Calling number for ESA call is set to customer's DFCL.

Action: Correct the database.

ERR9013 TN N data Parsing of QSIG Diversion Informations received failed, or QSIG Diversion informations sent have been answered unexpectedly. Incorrect QSIG Diversion informations are dropped.

Output parameters:

TN = TN from which information is received.

N = error number

data = dependent on error number (N)

Action: Report the problem and the output parameters to your technical support group.

ERR9016 x NON PROVISION SERVICE y

An incoming SETUP with NSF IE message is received from the NI-2 CBC master route and the service specified in the facility coding field cannot be found in service route associating with the master route. The call was terminated as public call.

Where:

x = Master route number

y = NSF IE in Hex format

Action: Configure a service route.

ERR9017 x INVALID CODING y

ERR9019 A TN was found without a defined port type. The default will be assigned. TN and invalid port type are displayed.

ERR9020 A TN was found without a valid card index. No transmission will be applied to this TN. The TN is printed.

ERR9021 Type 5A PAD messages were specified for an unknown trunk card type. The TN is printed.

Action: Contact your technical support group.

ERR9021 Type 5B PAD messages were specified for an unknown trunk card type. The TN is printed.

Action: Contact your technical support group.

ERR9022 Type 5B PAD messages were specified for an unknown trunk card type. The TN is printed.

Action: Contact your technical support group.

ERR9023 Incorrect database configuration encountered. CNUS class of service conflicts with CNAA class of service.

Action: Correct the database configuration in LD 10.

ERR9027 WARNING: Cannot use the B-channel or the ISL trunk because the STATEPM of the trunk is not idle. The B-channel or ISL trunk is put in a maintenance busy state.

Action: Manually restart the given B-channel or the ISl trunk.

ERR9030 XMI failure. Cannot send PPM message to DPI card.

ERR9032 Channel is put in lockout state.

ERR9033 tn x y An incoming SETUP was received on a busy channel.

Where:

tn = terminal number

x = time

y = call reference of existing call

ERR9034 x y z Cannot send an ISRM containing a Message Waiting NSI string. There is no NORTEL message waiting NSI string configured in Overlay 15 (for Notification (NOTI) or Cancellation (CNC). (Procedure FORMAT_MWI_NSI. Module DIO).

ERR9036 The TMDI output buffer is not allocated. Ensure that some unprotected memory is available then use LD 17 and CHG CEQU (no real changes required to rebuild the output buffer).

ERR9044 The ANI data should be retrieved from an ANI Entry but the specified Enr does not exist in the Customer Data Block.

Action: Configure the ANI Entry that is needed (Overlay 15).

ERR9048 AUDIT turned on Analog CLI.

ERR9049 AUDIT turned off on Analog CLI.

ERR9050 RAN/MIRAN channel is not available.

ERR9051 The CAC conversion data must be retrieved from a CAC conversion entry but the specified entry does not exist in the Customer Data Block. The default table is used instead.

Action: Configure the CAC conversion entry that is needed (Overlay 15).

ERR9052 VNS does not support Backup D-channel signalling.

Action: VNS call made using BDCH.

ERR9056 The XCT card is the only card supported by TWR1. The MFS card is not supported. The call cannot be completed.

Action: Contact your technical support group.

ERR9057 The length of FLEN in LD 86 and LD 90 is not configured. The call cannot be completed.

Action: Contact your technical support group. The FLEN must be configured.

ERR9058 The supervision is not of the expected type.

ERR9059 The data received for INS-J is more than 128 bytes.

ERR9060 An invalid parameter type has been received.

ERR9061 INS-J data was not expected.

ERR9062 No DID digits were received in the INS-J data.

ERR9063 An ACLI SSD message was unexpectedly received.

ERR9064 The father CR is nil for the ACLI son call register.

ERR9065 Parsing of QSIG Transfer information received failed.

Action: Contact your technical support group.

ESDA: Enhanced Serial Data Interface (LD 48)

The Enhanced Serial Data Interface card provides the LAPB protocol used for communication between the SL-1 CPU and an external Value Added Server such as the Meridian Mail MP. The Command and Status Link (CSL) and ISDN Application Protocol use Enhanced Serial Data Interface (ESDI) cards.

The ESDI and related application protocols are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

With X11 Release 19 or later, and package 243 equipped, a new expanded format is used to give system message information. When applicable, both display formats are shown.

ESDA messages

ESDA0001 n t x Link n is out-of-service, where t is the system time when it occurs and x is the cause as follows:

Unformatted: ESDA001 n t x

Formatted: ESDA001 dd/mm/yy 00009 MSG OPRDAT: n x

Where:

n = CSL number

t = system time (only appears when unformatted)

x =

1 = HDLC retransmission error threshold reached

2 = HDLC CRC error threshold reached

3 = HDLC overflow error threshold reached

4 = HDLC abort error threshold reached

5 = HDLC detect protocol error l

6 = HDLC hardware failure

7 = HDLC detected link 3 failure, or far-end disconnect

8 = HDLC was restarted by ESDI firmware externally

9 = Layer 7 not responding to polling message. The polling timer has timed out.

ESDA0002 n t

Link (n) link layer is connected at system time (t). With X11 Release 19 or later, and package 243 equipped, a new expanded format is displayed. Both display formats are shown here.

Unformatted: ESDA002 n t

Formatted: ESDA002 dd/mm/yy 00009 MSG OPRDAT: n

Where: n = CSL number and t = system time (only appears when unformatted)

ESDI: Enhanced Serial Data Interface (LD 48)

The Enhanced Serial Data Interface card provides the LAPB protocol used for communication between the SL-1 CPU and an external Value Added Server such as the Meridian Mail MP. The Command and Status Link (CSL) and ISDN Application Protocol use Enhanced Serial Data Interface (ESDI) cards.

The ESDI and related application protocols are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

ESDI messages

ESDI0001	The ESDI card did not respond to self test command. The card could be dead.
ESDI0002	No loop-back message received. ESDI card could be malfunctioning or dead.
ESDI0003	The ESDI link setup (HDLC handshaking) failed.
ESDI0004	The ESDI did not return any response to the START LINK SETUP command.
ESDI0005	The ESDI disconnect failed.
ESDI0006	There is no response to the RESET command. The card could be malfunctioning.
ESDI0007	The ESDI self test failed.
ESDI0008	Local loop back test failed.

ESN: Electronic Switched Network (LD 86, LD 87 and LD 90)

The ESN messages are generated while performing service change procedures in LD 86, 87, 88, and 90.

ESN messages

ESN0000 Program has loaded.

ESN0001 Illegal input character.

ESN0002 Digit input instead of alpha input.

Action: Enter digits.

ESN0003 Service change not allowed from maintenance telephone.

ESN0004 Input must be one of (NEW, OUT, CHG, PRT, END).

ESN0005 Attempted to enter more than one field.

ESN0006 Null input is not allowed.

ESN0007 Customer data block does not exist.

ESN0008 Customer number out-of-range (0-31).

ESN0009 Unable to match input field with stored mnemonics.

ESN0010 Conflicts with existing shorter number.

ESN0011 Conflicts with existing number.

ESN0012 Error in DN translator.

ESN0013	Conflicts with existing longer number.
ESN0014	Route list index number out-of-range (0-255 for NARS, 0-127 for BARS, 0-7 for CDP).
ESN0015	ESN data block does not exist.
ESN0016	ESN data block already exists.
ESN0017	Route list does not exist.
ESN0018	Route list already exists.
ESN0019	Out-of-range (1-7).
ESN0020	Invalid response (digits or X only).
ESN0021	Update route list entry one at a time.
ESN0022	Route list entry does not exist.
ESN0023	Initial route set exceeds available entries in route list.
ESN0024	Out-of-range (0-31).
ESN0025	Invalid response (YES/NO).
ESN0026	Digit manipulation index number out-of-range. (1-255 for NARS/BARS, 1-31 for CDP, 0-999 with FNP package 160).
ESN0027	NO entry in a route list is not allowed.
ESN0028	Network translators, route list blocks, digit manipulation tables, FCAS tables, or CDP list still exist; cannot remove.
ESN0029	Digit manipulation table does not exist.
ESN0030	Route does not exist or exists but has no members.
ESN0031	Route type not allowed.
ESN0032	Maximum number of location codes out-of-range. **Action:** Increase MXLC.
ESN0033	Maximum number of supplemental digit restriction table entries out-of-range. **Action:** Check/increase the maximum size and re-enter.

ESN0034 Maximum number of digit manipulation tables out-of-range.

Action: Increase MXDM.

ESN0035 Maximum number of route lists out-of-range.

Action: Increase MXRI.

ESN0036 MXLC cannot be less than defined LOC codes.

ESN0037 MXSD cannot be less than defined SDR tables.

ESN0038 MXDM cannot be less than defined digit manipulation tables.

ESN0039 MXRL cannot be less than defined route lists.

ESN0040 Too many input fields.

Action: Re-enter SPN with no more than five fields.

ESN0041 Too few input fields.

ESN0042 TOD schedule/hour/minute out of range.

ESN0043 TOD starting period cannot be greater than ending period.

ESN0044 Access code out-of-range (0-99).

ESN0045 Access code 2 cannot be same as access code 1.

ESN0046 Access code already used.

ESN0047 Digit manipulation table entry already exists.

ESN0048 Digit manipulation table entry does not exist.

ESN0049 Too many digits to be deleted.

Action: Re-enter the number of digits to be deleted (between 0-19).

ESN0050 Too many digits to be inserted.

Action: Re-enter the number of digits to be inserted (between 0-31).

ESN0051 Out-of-range (0-8).

ESN0052 OHQ time limit out-of-range (2-60).

ESN0053 CBQ Call-Back time limit out-of-range (10-30).

ESN0054	ERWT delay time out-of-range (0-10).
ESN0055	Input not completed.
ESN0060	Invalid response (AC1, AC2, SUM).
ESN0061	Invalid response (LOC, NPA, NXX, SPN, HNPA, HLOC, ALL).
ESN0062	No more available location codes (out or expand MXLC).
ESN0063	A maximum of 10 digits allowed.
ESN0064	An LDN is required.
ESN0065	Response is out-of-range (1-4).
ESN0066	Maximum must equal or exceed the minimum.
ESN0067	Restricted number is too long.
ESN0068	No more restricted numbers allowed for this code.
ESN0069	A HNPA has already been specified.
ESN0070	The CHG command is not allowed.
ESN0071	NPA, NXX, etc., specified, does not exist.
ESN0072	NPA, NXX, etc., specified, already exists.
ESN0073	Conflict with another (NPA, NXX, etc.). **Action:** Enter new SPN number.
ESN0074	Response is too long.
ESN0075	A DID number must use part of the extension number.
ESN0076	A route list index must be entered.
ESN0077	Error in the network (NARS/BARS) translator.
ESN0078	First digit (or second for 1+ dialing) of NPA/NXX code is invalid.
ESN0079	Response must be 3 or 4 digits in length.
ESN0080	No more available SDR blocks (out or expand MXSD).

ESN0081	X must precede number to be deleted.
ESN0082	Second digit (or third for 1+ dialing) of NPA code is invalid.
ESN0083	This number is already restricted for this code.
ESN0084	SUM is valid only when the PRT command is specified.
ESN0085	Number of digits in MIN or MAX should equal the save value.
ESN0086	TODS out-of-range (0 - 31).
ESN0090	Input out-of-range (0-15).
ESN0091	Invalid response (I or A for initial or extended set).
ESN0092	Out-of-range (0-3).
ESN0093	Out-of-range (0-30).
ESN0094	NCTL data block does not exist.
ESN0095	NCTL data block already exists.
ESN0096	Out-of-range (0-127).
ESN0097	SDR information is corrupted.
ESN0098	SDR code does not exist.
ESN0099	Invalid response to MFRL. Allowed input range is 0-7 minutes.
ESN0100	Referenced block does not exist.
ESN0101	FCAS index out-of-range; 1-255 with NARS, 1-127 with BARS.
ESN0102	FCAS head table does not exist.
ESN0103	FCAS head table already exists.
ESN0104	FCAS table/block does not exist.
ESN0105	FCAS table/block already exists.
ESN0106	No more NPA codes allowed.
ESN0107	{CR} is not allowed as the first NPA response for NEW command.

ESN0108	NPA code does not exist.
ESN0109	Not allowed to remove last NPA code in table.
ESN0110	Unable to match mnemonics: DENY, ALOW.
ESN0111	First digit of two NXX codes should be equal.
ESN0112	First NXX code should not be larger than second NXX code.
ESN0113	Invalid NXX code.
ESN0114	Not allowed to shrink FCAS head table.
ESN0115	Too few or too many digits entered. **Action:** Re-enter only 1 -4 digits per field of SPN.
ESN0116	Not allowed to shrink CDP list.
ESN0117	Maximum number of CDP steering codes exceeds limit.
ESN0118	Length of CDP DN out-of-range (3-7 digits).
ESN0119	Steering code with a different length exists. **Action:** To change NCDP, all the entries of steering codes should be removed first.
ESN0120	Not allowed to turn off CDP for the customer.
ESN0123	The BARS package does not allow AC2.
ESN0124	An undefined package was requested.
ESN0125	Undefined CDP type (LSC, DSC, TSC, ALL).
ESN0126	CDP data block (CDP-LIST) does not exist.
ESN0127	Undefined Route List Index (RLI).
ESN0128	Null input not allowed, a value must be entered.
ESN0129	Invalid input for RLI.
ESN0130	Remove whole CDP data block (OUT command).
ESN0131	Undefined steering code (CHG command).

ESN0132	Steering code already defined (NEW command).
ESN0133	Type entered does not match defined type (CHG command).
ESN0134	Steering code conflicts with access code or directory number.
ESN0135	Steering code out-of-range.
ESN0136	CDP DN length out-of-range.
ESN0137	Number of digits to delete out-of-range (LSC).
ESN0138	Number of steering codes exceeds maximum number of steering codes (MXSC) defined.
ESN0139	Number of digits to strip is out-of-range (LSC).
ESN0140	SCC data table index out-of-range (1-7).
ESN0141	SCC data table does not exist.
ESN0142	SCC data table cannot be shortened.
ESN0143	Invalid input (CC1, CC2, or TIE).
ESN0144	Invalid input (SCC or DIAL).
ESN0145	SCC table entry already exists.
ESN0146	SCC table entry does not exist.
ESN0147	Even number input only.
ESN0148	SCC and Tone detector packages not equipped.
ESN0149	HNPA code does not support NANP format.
ESN0150	Fourth digit of an NPA code in NANP is invalid.
ESN0151	SDRR digits are too long. **Action:** Re-enter correct type of SDRR to configure.
ESN0152	Invalid network translation type; for NPA, NXX, and SPN only.
ESN0153	Maximum number of ITGE tables out of range.
ESN0154	Shrinking the ITGE head table is not allowed.

ESN0155	ITGE head table does not exist.
ESN0156	ITGE table does not exist.
ESN0157	ITGE table already exists.
ESN0158	ITGE out-of-range.
ESN0159	RTNO not defined for this ITEI.
ESN0160	Empty ITGE table is not allowed.
ESN0161	Cannot delete an undefined office code.
ESN0162	Two fields are required, one for minimum and one for the maximum of a DID range.
ESN0163	Maximum of 20 ranges already defined.
ESN0164	Cannot define new office code without defining DID range.
ESN0165	Cannot define overlapping or duplication of ranges in one location code.
ESN0166	Range to be deleted must be the same as the range defined.
ESN0167	X must be followed by an office code or a DID range.
ESN0168	Number of save digits must be 4 for the Multiple DID feature.
ESN0169	SDR block does not exist.
ESN0170	Cannot delete; does not match with existing ITEI.
ESN0171	DID range to be deleted does not belong to the office code.
ESN0172	A range must be defined. SAVE is not equal to 0 and DID is equal to YES.
ESN0174	SDI user count exceeds 128. Use new ITEI.
ESN0175	List number entered is not a System Speed Call List.
ESN0176	System Speed Call List number is out-of-range.
ESN0177	System Speed Call List does not exist.
ESN0178	Mixing ADM/MDM Routes with other route types not allowed.

ESN0179	STRK is applicable to SPN code with ADM/MDM Route list only.
ESN0180	ADM/MDM Route list can only be assigned to SPN.
ESN0181	ISA Route is not allowed.
ESN0182	Route type has been changed to ISA.
ESN0188	LD 90 is being used to change HLOC. When changing HLOC for ESN, the ISDN HLOC in LD 15 might require change also.
ESN0189	Cannot define HNPA unless both AC1 and AC2 are defined in the ESN DB for this customer.
ESN0200	Network Attendant Service (NAS) package is not equipped.
ESN0201	Warning: NAS active.
ESN0202	Attendant DN block does not exist.
ESN0203	NAS schedule block already exists.
ESN0204	NAS schedule block does not exist.
ESN0205	Cannot define DMI for FNP, VNR, RLB.
ESN0206	Cannot out RLB which is used by FNP, VNR, RLB.
ESN0207	Input out-of-range (DSC/LOC: 0-10, SPN/TSC: 0-24). **Action:** For SPN, re-enter correct FLEN 0-24.
ESN0208	FSNS index out-of-range (0 to MXFS).
ESN0209	FSNS head table does not exist.
ESN0210	TBL number out-of-range 0-63.
ESN0211	FSNS table/block does not exist.
ESN0212	FSNS table/block already exists.
ESN0213	Only 15 SPN are allowed.
ESN0214	{CR} is not allowed as the first SPN response for NEW.
ESN0215	SPN does not exist.

ESN0216	Cannot remove last SPN in FSNS table.
ESN0217	MBGS is not recognized. First parameter is customer number, second parameter is MBGS number.
ESN0218	First digit of two XXX codes should be equal.
ESN0219	First XXX cannot be larger than the second XXX.
ESN0220	Invalid XXX code.
ESN0221	Not allowed to shrink FSNS code.
ESN0224	Package requirements for NAS are missing. The NAS package requires BRTE (Pkg 14), NCOS (32), and NARS (58).
ESN0225	That password has Print Only Class of Service.
ESN0226	As the user, you do not have access to that data.
ESN0229	That input is out-of-range.
ESN0230	Those D-channels do not exist.
ESN0231	That D-channel does not exist.
ESN0232	Warning: VNS does not apply anymore. The Virtual Network Service (VNS) D-channel content is removed.
ESN0233	Warning: The RL1 entry is not used as a VNS route because no Virtual D-channel was defined.
ESN0234	That VNS D-channel does not belong to that customer.
ESN0235	Input out of range for OVLL(0-24). **Action:** Re-enter correct OVLL digits 0 - 24.
ESN0236	Not enough protected memory. Notify operating company.
ESN0237	Setting ERWT = NO will not turn off tone. Must change RLBs, and set EXP = NO for all entries.
ESN0238	Overlay 90 - For CLTP prompt, input must be either NONE, LOCL, NATL, SSER, SERH, or INTL.
ESN0239	FNP functionality is disabled in LD15.

ESN0242	Invalid answer to the prompt BNE. BNE valid responses are Yes or No.
ESN0243	Input out of range. Valid length of NPA/NXX is (1 - 7) digits.

FHW: Faulty Hardware

FHW messages

FHW0000 n

Loop n has been detected as faulty by the LRIP function. INI000 8000 has been averted.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance overlay according to the data base configuration of loop n:

Use LD 32 when loop type is: Terminal loop, Super Loop, Remote Loop [without RPE2 package 165 equipped], Multipurpose ISDN Signal Processor Loop

Use LD 34 when loop type is Tone/Digit Sender Loop

Use LD 38 when loop type is Conference Loop

Use LD 46 when loop type is Multifrequency Sender Loop

Use LD 53 when loop type is Remote Loop [with RPE2 package 165 equipped]

Use LD 60 when loop type is Digital Loop.

Use LD 75 when loop type is either Integrated Digital Access Loop or Primary Rate Interface Loop

2. Print the status of loop n to ensure that it is marked “faulty”. Skip remaining steps if loop n is not marked “faulty”.

3. Enter the disable command for loop n.

4. Enter the disable command for all other loops that are on the same hardware pack as the faulty loop

5. Replace the hardware pack.

6. Enter the enable command for all the loops that are on the newly installed hardware pack.

7. Print the status of loop n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0001 n SDI device n, which is not defined as an Expanded D-channel, has been detected as faulty by the SRIP function. INI 8000 has been averted.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance overlay according to the data base configuration of SDI device n:

Use LD 37 when SDI device is either a Terminal Port or a Printer Port on a non-MSDL pack.

Use LD 48 when SDI device is an Application Module Link on a non-MSDL pack

Use LD 96 when SDI device is on an MSDL pack, or when either a Backup D-channel or a D-channel is on a non-MSDL pack

2. Print the status of SDI device n to ensure that it is marked “faulty”. Skip remaining steps if SDI device n is not marked “faulty”.

3. Enter the disable command for faulty SDI device.

4. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

5. Replace the hardware pack.

6. Enter the enable command for all the SDI devices that are on the newly installed hardware pack.

7. Print the status of SDI device n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty SDI device as a low priority task.

FHW0002 n SDI device n, which is defined as an Expanded D-channel, has been detected as faulty by the SRIP function. INI 8000 has been averted.

Action: The system administrator should do the following immediately:

1. Load LD 75.

2. Print the status of SDI device n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if SDI device n is not marked “faulty”

3. Enter the disable command for the faulty SDI device.

4. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

5. Replace the hardware pack

6. Enter the enable command for all the SDI devices that are on the newly installed hardware pack.

7. Print the status of SDI device n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty Expanded SDI device as a low priority task.

FHW0003 n

Loop n has been detected as faulty by LOIP function. INI000 0006 has been averted.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance Overlay according to the data base configuration of loop n:

Use LD 32 when loop type is: Terminal loop, Super Loop, Remote Loop [without RPE2 package 165 equipped]

Use LD 53 when loop type is Remote Loop [with RPE2 package 165 equipped]

Use LD 60 when loop type is Digital Loop.

Use LD 75 when loop type is either an Integrated Digital Access Loop or a Primary Rate Interface Loop

2. Print the status of loop n to ensure that it is marked “faulty”. Skip remaining steps if loop n is not marked “faulty”.

3. Enter the disable command for loop n.

4. Enter the disable command for all other loops that are on the same hardware pack as the faulty loop.

5. Replace the hardware pack.

6. Enter the enable command for all the loops that are on the newly installed hardware pack.

7. Print the status of loop n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0004 n

Loop n has been automatically disabled by the FHWR function.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance Overlay according to the data base configuration of loop n:

Use LD 32 when loop type is: Terminal loop, Super Loop, Remote Loop [without RPE2 package (165) equipped], Multipurpose ISDN Signal Processor Loop.

Use LD 34 when loop type is Tone/Digit Sender Loop

Use LD 38 when loop type is Conference LoopUse LD 46 when loop type is Multifrequency Sender Loop.

Use LD 53 when loop type is Remote Loop [with RPE2 package 165 equipped].

Use LD 60 when loop type is Digital Loop.

Use LD 75 when loop type is either Integrated Digital Access Loop or Primary Rate Interface Loop.

2. Enter the status command for loop n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if loop n is not marked “faulty”.

3. Enter the disable command for all other loops that are on the same hardware pack as the faulty loop.

4. Replace the hardware pack.

5. Enter the enable command for all the loops that are on the newly installed hardware pack.

6. Print the status of loop n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0005 n

SDI device n, which is not an Expanded D-channel, has been automatically disabled by the FHWR function.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance Overlay according to the data base configuration of SDI device n:

Use LD 37 when SDI device is either a Terminal Port or a Printer Port on a non-MSDL pack.

Use LD 96 when SDI device is on an MSDL pack, or when either a Backup D-channel or a D-channel is on a non-MSDL pack.

2. Enter the Status command for SDI device n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if SDI device n is not marked “faulty”.

3. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

4. Replace the hardware pack.

5. Enter the enable command for all the SDI devices that are on the newly installed hardware pack.

6. Print the status of SDI device n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0006 n SDI device n, which is an expanded D-channel, has been automatically disabled by the FHWR function.

Action: The system administrator should do the following immediately:

1. Load LD 75.

2. Enter the status command for SDI device n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if SDI device n is not marked “faulty”.

3. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

4. Replace the hardware pack.

5. Enter the enable command for all SDI devices that are on the newly installed hardware pack.

6. Print the status of SDI device n to ensure that it is no longer marked as faulty.

FIJI: Fiber Junctor Interface

FIJI messages

FIJI0001 Application response timeout.

Parameter 1 = Group.

Parameter 2 = Side.

Action: If printed after enabling FIJI, card was enabled without alarms enabled. Attempt to re-enable alarms:

ENL ALRM G S <cr>

If failure:

a) ARCV OFF

b) SWRG Y (Y-other side)

c) If success, then:

DIS FIJI G S

ENL FIJI G S

d) ARCV ON

If message is not associated with enabling the FIJI:

a) ARCV OFF

b) SWRG Y (Y-other side)

c) If success, then:

DIS FIJI G S

ENL FIJI G S

d) ARCV ON

FIJI0002 Rings operation complete. (Ring audit/Force disconnect/Auto-recovery/Change to Survival state.

Parameter 1 = Ring Number

FIJI0003 Rings are in an invalid state. The ring state is changed to 01/01 (Both rings disabled.) Ring audit will attempt a recovery.

Action: ARCV ON

Wait for the ring audit to bring the rings to the right state or use the RSTR command.

FIJI004 Ring recovery threshold is exceeded. Ring recovery will be triggered within 30 minutes.

Action: 1) Perform actions for FIJI005

2) RSET

FIJI0005 Recover failed on Ring 0/1. Parameter 1 = Ring Number

Action: Check for failure reason:

1) STAT RING S

Make sure all FIJI's are up.

2) STAT ALRM S

Make sure no LOP, LOS, LOF, BER, or TXIP alarms are on and that the NEWK and NEWZ values are correct.

(See FIJI010-FIJI016 messages)

3) After all alarms are cleared:

a) RSET - Wait for ring audit to bring the rings to the proper state. Or,

b) RSTR

FIJI0006 Recovery on both rings failed.

Action: Perform actions for FIJI005 for both rings.

FIJI0007 Ring state has changed. FIJI007 NEW STATE RING 0: p1 RING 1: p2
p1 = ring 0 state, p2 = ring 1 state.
States:
Half (DRIVES HALF or normal state)
None (Disable - DRIVES NONE)
Survival
Full (DRIVES FULL)

FIJI0008 One or more cards in the active ring are not enabled or cannot receive from all other cards.

Parameter 1 = Ring Number

Action: Same actions as FIJI003

FIJI0009 FIJI009 p1 p2 ALARM p3 p4 BRC_BIT.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 16

Action: The FIJI has raised an alarm to the CP. This is a diagnostic message, no action is required unless the alarm is persistent or associated with a change in FIJI or Ring status. If a simultaneous problem occurs with the FIJI pack indicated by message, follow the fault clearing procedure for that problem.

This message may be suppressed with the ALRD command using p4 as input.

FIJI0010 FIJI010 p1 p2 ALARM p3 NEWK_BIT data

NEWK data has changed.

Parameter 1 = Group

Parameter 2 = Side

Parameter 3 = alarm number = 0

data = NEWK data

Action: Bits in NEWK word represent 8 groups. A “0” indicates this FIJI is unable to receive from that group. Take action only if data indicate a problem. (Bit missing for equipped group)

Check cable connections. (STAT RING X or STAT FIJI X Y FULL).

.FIJI0011 FIJI011 p1 p2 ALARM p3 p4 LOP_BIT

Loss of Pointer

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 1

Action: The FIJI has raised an alarm to the CP. This is a diagnostic message. It should be seen in conjunction with a FIJI007 message. Follow the recovery process for FIJI007. This message may be suppressed with the ALRD command using p4 as input.

FIJI0012 FIJI012 p1 p2 ALARM p3 p4 LOS_BIT. Loss of Signal to the adjacent FIJI due to FIJI or cable failure.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 2

Action: See FIJI011.

FIJI0013 FIJI013 p1 p2 ALARM p3 p4 LOF_BIT

Loss of Frame

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 3

Action: See FIJI011.

FIJI0014 FIJI014 p1 p2 ALARM p3 NEWZ_BIT data

NEWZ data has changed.

Parameter 1 = Group

Parameter 2 = Side

Parameter 3 = alarm number

data = NEWZ data

Action: NEWZ data is the group number of the FIJI which transmits to the reporting FIJI.

Examples for a system with groups 0, 1, and 3 equipped:

FIJI014 0 0 ALARM NEWZ_BIT 3

FIJI014 1 1 ALARM NEWZ_BIT 3

Make sure upstream FIJI is enabled and not being brought up by the system. Check cable connections.

FIJI0015 FIJI015 p1 p2 ALARM p3 p4 BER_BIT

Bit Error Rate

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 5

Action: See FIJI011.

FIJI0016 FIJI016 p1 p2 ALARM p3 p4 TXIP_BIT

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 6

Action: See FIJI0011.

FIJI0017 FIJI017 p1 p2 ALARM p3 p4 LOL_BIT_32M.

Loss of Lock on PLL

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 32

Action: See FIJI009.

FIJI0018 FIJI018 p1 p2 ALARM p3 p4 LOL_BIT_78M.

Loss of Lock on PLL.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 33

Action: See FIJI009.

FIJI0019 FIJI019 p1 p2 ALARM p3 p4
TVA_BIT_32M data

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 34

data word = TVA data

Action: See FIJI009.

FIJI0020 FIJI020 p1 p2 ALARM p3 p4
TVA_BIT_78M data

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 35

data word = TVA data

Action: See FIJI009.

FIJI0021 FIJI021 p1 p2 ALARM p3 p4 CDA_BIT.

Cable detect alarm on the FIJI mate cable.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 7

Action: See FIJI009.

FIJI0022 FIJI022 p1 p2 ALARM p3 p4 FPC_BIT. Face Plate Reference Clock.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 8

Action: See FIJI009.

FIJI0023 IFIJI023 p1 p2 ALARM p3 p4 RECOV_C_BIT.

Recovered clock.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 9

Action: See FIJI0009

FIJI0024 FIJI024 p1 p2 ALARM p3 p4 BPC_BIT.

Back Plane Clock.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 10

Action: See FIJI0009

FIJI0025 FIJI025 p1 p2 ALARM p3 p4

LM80_BIT_5V data.

5V power supply.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 36

data = LM80 data

Action: See FIJI0009

FIJI0026 FIJI026 p1 p2 ALARM p3 p4

LM80_BIT_33V data.

3.3 Volt power supply.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 37

data = LM80 data

Action: See FIJI0009

FIJI0027 FIJI027 p1 p2 ALARM p3 p4

LM80_BIT_25V data.

2.5V power supply.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 38

data = LM80 data

Action: See FIJI0009

FIJI0028 FIJI028 p1 p2 ALARM p3 p4

LM80_BIT_OVT data.

Over Temperature. (over 45C).

Upgrade, p2= Side, p3=ON/OFF, p4= Alarm# = 39

data word = LM80 data

Action: See FIJI0009

FIJI0029 FIJI029 p1 p2 ALARM p3 DRP_BIT_PARE.

Parity Error threshold reached.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 11

Action: See FIJI0009

FIJI0030 FIJI030 p1 p2 ALARM p3 p4

RX_BIT_PARE.

Receive Parity error.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 12

Action: See FIJI0009

FIJI0031 FIJI031 p1 p2 ALARM p3 p4

PST_BIT_PARE.

Pass thru Parity error.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 13

Action: See FIJI0009

FIJI0032 FIJI032 p1 p2 ALARM p3 p4 MFS_BIT.

Maine Frame Sync error

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 14

Action: See FIJI0009

FIJI0033 FIJI033 p1 p2 ALARM p3 p4 M8X_BIT_8M.

Failure of 8MHZ clock for ADD FPGA.

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 15

Action: See FIJI0009

FIJI0034 Bad Application Response

Parameter 1 = Group

Parameter 2 = Side

Action: Attempt to reenable FIJI:

DIS FIJI G S

ENL FIJI G S

FIJI0035 FIJI card is not present on shelf.

Parameter 1 = Group, Parameter 2 = Side

Action: Check FIJI connection to backplane.

FIJI0036 Data corruption.
Parameter 1 = Group, Parameter 2 = Side

Action: Contact your technical support group.

FIJI0037 Insufficient resources to perform command.

Action: Retry later.

FIJI0038 Command ignored. Another task is still processing.

Action: Retry later (After 30 seconds).

FIJI0039 Illegal Command (Software Bug)

Action: Contact your technical support group.

FIJI0040 FIJI is already enabled.

Parameter 1 = Group, Parameter 2 = Side

Action: Information only.

FIJI0041 FIJI card selftest failed.

Parameter 1 = Group, Parameter 2 = Side

Action: Swap FIJI pack with spare.

FIJI0042 Unable to send BASECODE/APPL enable/disable message.

Parameter 1 = Group, Parameter 2 = Side

Action: Retry later.

FIJI0043 Card failed to perform the requested ENABLE/DISABLE command.

FIJI state changed to MAN DIS.

Parameter 1 = Group, Parameter 2 = Side

Action: Retry ENL FIJI G S.If ENL fails, check/swap FIJI pack.

FIJI0044 Message timeout for Disable/Enable commands.
FIJI state changed to MAN DIS
Parameter 1 = Group, Parameter 2 = Side

Action: Retry ENL FIJI G S

If ENL fails, check/swap FIJI pack.

FIJI0045 Enabling/Disabling process aborted.

Time limit exceeded.

FIJI state changed to MAN DIS.

Parameter 1 = Group, Parameter 2 = Side

Action: Retry ENL FIJI G S

If ENL fails, check/swap FIJI pack.

FIJI0046 Failure on Enable FIJI BASECODE/SONET

APPL. Will retry in 0.5 seconds.

Parameter 1 = Group, Parameter 2 = Side

Action: Contact your technical support group.

FIJI0047 The BASECODE/SONET APPL has been enabled/disabled.
Parameter 1 = Group, Parameter 2 = Side

Action: Contact your technical support group.

FIJI0048 FIJI048 p1 p2 ALARM p3 p4 TXC
p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 40 .

FIJI0049 FIJI049 p1 p2 ALARM p3 p4 PST_OVF

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 41

FIJI0050 FIJI050 p1 p2 ALARM p3 p4 ADD_78_PROB

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 42

FIJI0051 FIJI051 p1 p2 ALARM p3 p4 DRP_78_PROB

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 43

FIJI0052 FIJI052 p1 p2 ALARM p3 p4 FRM_SHIFT

p1=Group, p2= Side, p3=ON/OFF, p4= Alarm# = 44

FIJI0053 Download Failure

Parameter 1 = Group, Parameter 2 = Side

Action: Retry.

FIJI0054 Unknown clock.

Action: Contact your technical support group.

FIJI0055 Clock is switched.

FIJI0056 Download threshold for this FIJI has been reached. Audit will make no further attempts to download to the FIJI pack.

FIJI056 p1 p2

p1 = Group

p2 = Side

Action: 1) ARCV OFF

2) If the ring is in DRIVES FULL or DRIVES HALF state use SWRG Y.

3) IF failure use RSTR command

4) DIS FIJI G S

5) ENL FIJI G S <FDL>

6) ARCV ON

If FIJI038 is printed, wait for download to complete to all FIJI packs.

FIJI0057 Cannot download all FIJI's in ring.
FIJI057 p1
P1 = ring p1 = 0: Ring 0

p1 = 1: Ring 0

p1 = 2: Both rings

Action: 1) Switch to other ring

a) ARCV OFF

b) SWRG Y - switch to other side.

2) Switch clock

a) SCLK

3) Disable/enable

a) DIS RING X

b) ENL RING X

c) ARCV ON

FIJI0058 Clock switch Fail.

Action: Contact your technical support group.

FIJI0059 Auto-recovery for the Fiber Network is turned off.

Action: This is a reminder message. While auto-recovery is turned off, the system will not automatically restore the rings to the optimum state. It is recommended that auto-recovery be turned on during normal operation of the fiber network.

FIJI0060 The clock needs to be switched.

FIJI0061 RING pl (pl = rng).

FIJI0062 FIJI p1 p2, where p1 = group, p2 = side. Enabling FIJI card.

FIJI0063 FIJI p1 p2, where p1 = group, p2 = side. Download complete. Testing FIJI card.

FIJI0064 FIJI p1 p2, where p1 = group, p2 = side. FIJI Selftest complete.

FIJI0065 p1 p2 ALARM p3 p4 CBL_BIT. FIJI to FIJI cable missing on group p1.

p1 = Group
p2 = Side
p3 = ON/OFF
p4 = Alarm# = 17

Action: Avoid switching clocks until FIJI to FIJI cable is connected.

FIJI0066 Clocks cannot be switched because FIJI alarm #8 (FPC_BIT) is on.

Action: Check the inactive clock faceplate reference cables. The inactive clock faceplate reference cables could be faulty or not connected. Contact your techical support group.

FIJI0100 x The CSTAT and CSUBSTAT fields on FIJI x indicate the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled-Self-tests Passed state and within the next few minutes the Meridian 1 will attempt to enable the card. (x=Group*2-Side)

Action: Wait

FIJI0101 x The CSTAT field on FIJI x indicates the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions this message is output at the same time as FIJI302. (x=Goupr*2-Side)

Action: Wait

FIJI0102 x

No response was received from FIJI x to a background polling message sent periodically to each FIJI card. The purpose of this message is to ensure that the card is capable of receiving and sending messages. (x=Group*2-Side).

FIJI0103 x

An overlay was waiting for a message from JIJI x. Most likely the Overlay is no longer loaded. The message the overlay was waiting for was never received. (x=Group*2-Side).

FIJI0104 x

The FIJI background audit sent a message to FIJI x and did not receive a response. (x = Group*2-side)

FIJI0105 x bbb

x = Group*2-side

bbb=CSTAT data

The CSTAT value read from the FIJI is invalid. This indicated one of two error conditions:

1. The card has encountered a severe hardware fault so that it is unable to report the error to the Meridian.

2. There may be multiple cards in the system with switch settings which mark is as the FIJI. When the CSTAT is read from the FIJI it may not be the FIJI card that is responding.

Action: Be sure no other cards in the system share the device number. If so change the device numbers. If not replace the card.

FIJI0106 x

The FIJI audit detected that there was no response to a maintenance message originated by the FIJI application on FIJIx.

x = FIJI number = Group*2-side.

FIJI0107 x y

The Meridian 1 was unable to determine if downloading was necessary. An SDL error message should accompany this message and describe the reason for the failure. Three fields accompany this message: x = FIJI number (Group*2-side) y is for design use only.

Action: Contact your technical support group.

FIJI0108 x

The FIJI application on FIJI x needs to be downloaded to the card. Downloading begins as soon as there is no Overlay loaded.

Where: x = FIJI number (Group*2-side).

FIJI0112 x

FIJI x has been reset in order to begin automatic recovery. Immediately following this message the card is executing self tests. When they are finished provided they pass the Meridian 1 will attempt o enable the card.

Where x = FIJI number (Group*2-side).

FIJI0201 x

FIJI x sent a message to the Meridian 1 indicating an application data space has been corrupted.

Where: x = FIJI number (Group*2-side).

Action: Contact your technical support group.

FIJI0204 x

The Meridian 1 searched the system disk to find a version of an application for FIJI x and found none.

Where: x = FIJI number (Group *2-side)

Action: Contact your technical support group

FIJI0205 x y z

An error was encountered when searching the system disk to find a version of an application for FIJI x. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

Where: x = FIJI number (Group*2-side). (y and z are for design use only).

Action: Refer to an accompanying SDL error message for the exact error reason, or contact your technical support group.

FIJI0206 x y z

An error was encountered when comparing a version of an application on the system disk with the version on FIJIx .This message indicates that the Meridian 1 will attempt to enable the application if a version exists on the card.

Where: x = FIJI number(Group*2-side). (y and z are for design use only).

Action: Refer to an accompanying SDL error message for the exact error reason, or contact your technical support group.

FIJI0207 x y z

An error was encountered when downloading the application to FIJI x.

Where: x = FIJI number (Group*2-side). (y and z are for design use only)

Action: Refer to an accompanying SDL error message for the exact error reason, or contact your technical support group

FIJI0208 x

When preparing to download the base software to FIJI x the card indicated that some kind of fatal error was encountered.

Where: x = FIJI number (Group*2-side).

Action: Execute self tests before attempting any other action regarding this card.

FIJI0209 x y z

Some memory was reclaimed within the FIJI for future use. The application on FIJI x requested that a buffer pool be freed. When this occurred there was at least one outstanding buffer. The basecode waited for the buffer(s) to be returned. The buffer pool was forcibly freed by the basecode.

Where: x = FIJI number (Group * 2 - side) (y and z are for design use only)

FIJI0210

Failed to enable the FIJI for one of the following reasons:

The card in question is not an FIJI card. For example there may be a card in the system with switch settings that correspond to the FIJI but is in fact not a FIJI card. There is at least one other card in the system with switch settings identical to the FIJIs.

Action: Remove the card with the same device number as the FIJI.

FIJI0299

FIJI x sent a message to the Meridian 1 indicating an application data space has been corrupted.

Where: x = FIJI number (Group*2-side).

Action: Contact your technical support group

FIJI0300

The FIJI background audit has changed the state of the card. In the case where the card was previously enabled and now is no longer enabled another FIJI message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message

Output data: FIJI300 x y FROM: aaaa TO: bbbb

TIME time REASON ccccc

Where:

x = Group

y = Side

aaaa = the status of the FIJI prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when TO: SYS DSBL-FATAL ERROR)

FIJI0301 x y z

An expedited data unit (XDU) was received. The Meridian 1 is not expecting FIJI x to generate any messages in its current state. However immediately following a state transition to a disabled state a pending message may cause this message to be displayed.

Where: x = FIJI number (group*2-side).

FIJI0302 x y

Access to the memory space shared by the Meridian 1 and the FIJI (shared Ram) has been momentarily suspended by FIJI x. There is no specific action to be taken as a result of this message, however it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x is FIJI number (Group*2-side) and y the reason for the suspension.

FIJI0303 x y

The Meridian 1 detected corruption in either the receive ring or the transmit ring or both causing access to the memory space shared by the Meridian 1 CPU and FIJI x (shared RAM) to be momentarily suspended.

Where: x = FIJI number (Group*2+Side) and y = a decimal number indicating where the corruption was detected. 1 means receive ring, 2 means transmit ring, and 3 means both receive and transmit rings.

FIJI304 x y20

The Meridian 1 received 100 or more messages from the FIJI x within two seconds .

Where: x = FIJI number (Group*2+side)
y = the rate of message transfer from the card to the Meridian 1 in terms of messages per second.

At this level of message transfer there may be some impact to the overall system performance. The level of service does not warrant removing the card from service.

FIJI0305 x y

The Meridian 1 received 200 or more messages from FIJI x within two seconds.

Where: x = FIJI number (Grou'*2+side) y= the rate of message transfer from the card to the Meridian 1 in terms of messages per second

At this level of message transfer there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

FJIJ0306 x y

The meridian 1 has received 300 or more messages from FIJI x within two seconds. Card put into Lockout for overload protection.

Where:

x = FIJI number (Group*2+side)

y = the rate of message transfer from the card to the meridian 1 in terms of messages per second.

Action: Disable and then enable the card.

FIJI0307 x data

FIJI x encountered a fatal error.

Where:

x = FIJI number (Group*@+side)

The data following x is information read from the card regarding the error and is intended for design use only.

Action: Contact technical support group

FJIJ0308 x y

FIJI data FIJI x reported that it received a message with an invalid (bad) socket+ID.

Where:

x = 3D FIJI number (Group*2+side)

y = 3D the socket ID

data = up to eight words of hex data representing the message sent.

Action: Contact your technical support group

FIJI0451 <cardAddress><CardIndex><invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH driver.

Action: If the problem does not clear automatically disable and then enable the card.

FIJI0452<cardAdddress><cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem.

FIJI0453<cardAddress><cardIndex> The MMIH driver failed to send and RFC message to the SL1task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition exists contact your technical support group.

FIJI0454<CardAddress><CardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the FIJI/MSDL/MISP card. If the condition exists contact your technical support group.

FIJI0467 <cardAddress><cardIndex> The SRAM suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100msec.

Action: Information only. If the condition persists disable then enable the card or replace the card

FIJI0468<cardAddress><cardIndex><rtclock><returnCode><socketIDapplication><'First 8 words of the msg> The application's message cannot be sent to the ring and the reason code is other then no buffer. SocketID is the socket for the message to be sent application ID identifies the transmitting application. The first 8 words of the message are displayed in hex return code and contain the actual value returned by the procedure and contains one of the following values:

0- request failed (null message pointer, empty data socket)

1-request succeeded

4-flow control

5- no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socketID

Action: If the problem persists disable and then enable the card.

FIJI0470<cardAddress><cardIndex><rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

FIJI0471<cardAddress><cardIndex><rtclock messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

FIJI0472<cardAddress><cardIndex><rtclock messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the condition persists disable and then enable the card.

FIR: Fibre Remote IPE

FIR messages

FIR0001 NET sl Watchdog reset occurred at FNET.

FIR0002 NET sl Power-on reset occurred at FNET.

FIR0003 NET sl PLL lock lost on FNET.

FIR0004 NET sl ln PLL lock regained on FNET.

FIR0005 NET sl ln Signal Degrade declared on FNET. Switched to other link.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0006 NET sl ln Signal Degrade declared on FNET, and PS not possible. No new data calls.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0007 NET sl ln Signal Degrade cleared on FNET.

FIR0008 NET sl ln Signal Fail declared on FNET. Switched to other link.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0009 NET sl ln Signal Fail declared by FNET, and PS not possible.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0010 NET sl ln Signal Fail cleared on FNET.

FIR0011 NET sl ln th Threshold Crossing Alert on FNET. "th" indicates threshold.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0012 NET sl Protection Switching threshold has been crossed on FNET.

Action: Use the Fault clearance Procedure to find which hardware element is faulty.

FIR0013 NET sl ln Packlet inserted on FNET.

FIR0014 NET sl ln Packlet removed on FNET.

FIR0015 NET sl ln Switched to other link on FNET.

FIR0016 NET sl No new data calls declared.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0017 NET sl No new data calls cleared.

FIR0101 PEC pc Watchdog reset occurred at FPEC.

FIR0102 PEC pc Power-on reset occurred at FPEC.

FIR0103 PEC pc PLL lock lost on FPEC.

FIR0104 PEC pc ln PLL lock regained on FPEC.

FIR0105 PEC pc ln Signal degrade declared on FPEC. Switched to other link.

FIR0106 PEC pc ln Signal degrade declared by FPEC, and PS not possible. No new data calls.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0107 PEC pc ln Signal Degrade cleared on FPEC.

FIR0108 PEC pc ln Signal Fail declared on FPEC. Switched to other link.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0109 PEC pc ln Signal Fail declared by FPEC, and PS not possible.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0110 PEC pc ln Signal Fail cleared on FPEC.

FIR0111 PEC pc ln th Threshold Crossing Alert on FPEC. "th" indicates threshold.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0112 PEC pc Protection Switching threshold has been crossed on FPEC.

Action: Use the Fault Clearance Procedure to find which hardware element is faulty.

FIR0113 PEC pc ln Packlet inserted on FPEC.

FIR0114 PEC pc ln Packlet removed on FPEC.

FIR0115 PEC pc ln Switched to other link on FNET.

FMEM: Flash Memory

FMEM messages

FMEM0001	Bad memory address
FMEM0002	Can't erase flash memory chip - Replace ROM
FMEM0003	Can't erase write 00 - Try again/Replace ROM
FMEM0004	Bus error - possibly card not exist
FMEM0005	Invalid command - Consult Tech. Support
FMEM0006	Bad flash memory - Replace ROM chip(s)
FMEM0007	Can't program flash memory
FMEM0008	Bad file open to write
FMEM0009	Bad file write
FMEM0010	Bad file open to read
FMEM0011	Bad file read
FMEM0012	Failed memory allocation for File Buffer
FMEM0013	Failed memory allocation for Chip Buffer
FMEM0014	Buffer partition error - Should be 0, 1 or 2
FMEM0015	Buffer has no file mark - Reload buffer
FMEM0016	Source slot can't be same as target slot
FMEM0017	Failed loading a.out file - Check source file

FMEM0018	Source card name not matched target card name
FMEM0019	BIC window open error - Check subject card
FMEM0020	BIC window enable error - Check subject card
FMEM0021	BIC probe error - Check for card existence
FMEM0022	Failed loading S-Rec file - Check source file
FMEM0023	Invalid Internal Checksum - Check source file
FMEM0024	Invalid Internal Checksum - Check data record
FMEM0025	External access failed
FMEM0026	Relative address error
FMEM0027	Bad slot number - Should be in range (0-31)
FMEM0028	Flash memory write error
FMEM0029	Can't disable BIC window - Check subject card
FMEM0030	Can't get BIC window
FMEM0031	Can't get BIC IPB timer - Check subject card
FMEM0032	Can't set BIC IPB timer - Check subject card
FMEM0033	Can't get BIC local timer - Check subject card
FMEM0034	Can't set BIC local timer - Check subject card
FMEM0035	Failed freeing File Buffer memory
FMEM0036	Failed freeing Chip Buffer memory
FMEM0037	Bad chip option - should be 0, 1 or 2
FMEM0038	Bad release number, range 0-255
FMEM0039	Bad issue number, range 0-255
FMEM0040	Relative address out of range
FMEM0041	Input buffer size out of range

FMEM0042	Not a valid input
FMEM0043	Text segment size is equal to 0! Not loaded!
FMEM0044	Invalid Internal Checksum - Check PEROM content
FMEM0045	S5 record not matched!
FMEM0046	Unknown S record!!!
FMEM0047	Slot number out of range (0-31)
FMEM0048	Can't spawn external watchdog punch task
FMEM0049	Card name input error - Should be CP or IOP
FMEM0050	Input expected a number
FMEM0051	String input error - 80 columns maximum
FMEM0052	Chip sizes mismatched between two chips
FMEM0053	Chip code unsupported - Consult Tech. Support
FMEM0054	Can't read card Id register
FMEM0055	Bad card id register or Not yet programmed
FMEM0056	Can't find card name in card Id
FMEM0057	Card name CP mismatched with Card Id IOP
FMEM0058	Card name IOP mismatched with Card Id CP
FMEM0059	PEROM content DESTROYED!!!
FMEM0060	PEROM content CHANGED!
FMEM0061	PEROM content INTACT
FMEM0062	No default command

HEX: Hexadecimal Codes and Conversion

Convert hexadecimal to binary and decimal

It is sometimes necessary to convert hexadecimal numbers (HEX) output in a message into decimal. In Release 15, the LD 32 CONV command can be used to convert TNs between hex and decimal.

Example: a single density terminal number is output as 081A hexadecimal. To find the decimal equivalent:

1. Convert each HEX digit into binary. See Table 1.

   hex: 081A binary: 0000 1000 0001 1010

2. Decode the binary number using the formats shown in Figure 1. In this example, the TN is single density.

   Group: 000 = 0 decimal
   Loop: 01000 = 8 decimal
   Shelf: 00 = 0 decimal
   Card: 0110 = 6 decimal
   Unit: 10 = 2 decimal TN in decimal = 8 0 6 2.

Table 1: Convert hex to binary and decimal

HEX	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Binary	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
Decimal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Figure 1
Terminal number formats

Loop Density = Single (SD)
Card Density = SD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
G2	G1	G0	L4	L3	L2	L1	L0	S1	S0	C3	C2	C1	C0	U1	U0
Group			Loop 0-31					Shelf 0-3		Card 1-10				Unit 0-3	

Loop Density = Double (DD)
Card Density = DD, SD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
G2	G1	G0	L4	L3	L2	L1	L0	S0	U2	C3	C2	C1	C0	U1	U0
Group			Loop 0-31							Card 1-10					

Unit 0-7

Shelf 0-1

Loop Density = Quad (4D)
Card Density = 4D, DD, SD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
G2	G1	G0	L4	L3	L2	L1	L0	U3	U2	C3	C2	C1	C0	U1	U0
Group 0-4			Loop 0-31							Card 1-10					

553-1053

Unit 0-15

NT8D01 Controller faceplate codes

The NT8D01 Controller faceplate has a two digit hexadecimal display. The display has two modes of operation: normal operation and power on reset self-test.

Normal operation

During normal operation the display alternately shows

1. The Controller number (1-95) in hexadecimal.
2. The port on which the Controller clock is tracking. The tracking is indicated by the decimal points before and after the digit. The possible tracking modes are:

   C0 - Controller tracking to the network connected to port 0.
   C1 - Controller tracking to the network connected to port 1.
   C2 - Controller tracking to the network connected to port 2.
   C3 - Controller tracking to the network connected to port 3.
   CF - Controller not tracking any network.

See also **LD 30** for the following commands:

CPED : clear Peripheral Controller maintenance displays
RPED : read Peripheral Controller maintenance displays

Self-tests

During the self-tests, the display quickly shows the self-tests listed below. If a test fails, the display shows the number of the failed test for 0.5 seconds before continuing the remaining tests. The self-test sequence is repeated until all tests pass.

Table 2: Controller self-test codes

Code	Definition
02	A31 #1 external buffer test.
03	A31 #1 internal context memory test, phase A.
04	A31 #1 internal context memory test, phase B.
05	A31 #1 internal TXVM memory test.
06	A31 #1 configuration memory test.
07	A31 #1 external FIFO test.
08	A31 #2 external buffer test.
09	A31 #2 internal context memory test, phase A.
0A	A31 #2 internal context memory test, phase B.
0B	A31 #2 internal TXVM memory test.
0C	A31 #2 configuration memory test.
0D	A31 #2 external FIFO test.
0E	peripheral side W72 loopback test using A31 #1.
0F	peripheral side W72 loopback test using A31 #2.
10	R72 #1 N-P switching control memory test.
11	R72 #1 320 x 8 NIVD buffer test.
12	R72 #1 N-P quiet-code register test.
13	R72 #1 P-N switching control memory test.
14	R72 #1 640 x 8 XIVD buffer test.
15	R72 #1 640 x 8 XIVD loopback buffer test.
16	R72 #1 P-N quiet-code register test.
17	R71 #1 register test.
18	R71 #1 continuity test, peripheral side.
19	R71 #1 continuity test, network side.
1A	R71 #1 simulation packet transmission test.
1B	DUART port A self-test.
1C	DUART port B self-test.
1D	R72 #2 N-P switching control memory test.
1E	R72 #2 320 x 8 NIVD buffer test.
1F	R72 #2 N-P quiet-code register test.
20	R72 #2 P-N switching control memory test.
21	R72 #2 640 x 8 XIVD buffer test.
22	R72 #2 640 x 8 XIVD loopback buffer test.
23	R72 #2 P-N quiet-code register test.
24	R71 #2 register test.
25	R71 #2 continuity test, peripheral side.
26	R71 #2 continuity test, network side.
27	R71 #2 simulation packet transmission test.
EE	Bus error, exception errors, etc.

Mass Storage Interface (MSI) faceplate codes

The Mass Storage Interface (MSI) card is located on the CPU shelf of systems equipped with disk drives. Table 3 applies to QPC584E and earlier versions. If the faceplate cable is disconnected, the MSI displays AF for about 7 seconds then flashes 55 followed by 10, the idle state. IOD050 and OVL005 messages are output.

Table 3: Mass Storage Interface (MSI) faceplate codes

The meaning of the code depends on whether the display is alternating, counting, flashing or steady.

Mass Storage Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Alternating	Ax	The MSI is reading disk records.
Counting	00-50	During the restore command in LD 43, the MSI display counts from 0 to 32 hex as the floppies are being copied to hard disk. Each count corresponds to a block of data being transferred. It also counts down when a second copy of the floppy is made on the hard disk.
	55-00	During the running of LD 37 I/O Diagnostic commands: During execution of the MSI 0 command, the display shows a pattern counting down from 55 to 00 on two separate occasions. Each count occurs in approximately 1 second intervals. This simulates the fast forward and reverse tape motion which takes about 85 seconds each. During execution of the MSI RW 0 command, after the A1-AF pattern indicating records are being read, there is an occasional '8B' indicating records are being written. When writing to a floppy with the write protect tab on, the display flashes 97 and IOD075 is output.
Flashing	00	Hard disk or floppy disk is not formatted (QPC584A to D). For QPC584E or later, 00 indicates missing information from disk.
	01	No Index/Sector signal (hardware/disk error).

Mass Storage Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	02	No seek complete on the floppy disk (hardware/disk error).
	03	Write fault.
	04	Addressed disk drive is not ready. Check that the floppy disks are in place and that they are properly seated. Be sure that the floppy disks are not upside down or backwards in their drives.
	05	Addressed disk drive is not selected. Check that the drive is present. and the cables to the controller are correct. If the MSU has just been powered on, the MSI must be initialized. This is done by turning the MSI switch from ENL to DIS and back to ENL.
	06	No Track Zero found (hardware error).
	07	Multiple Drives selected (hardware error).
	0D	A command is still executing and a new command is issued.
	10	Check Sum Error (hardware/medium error).
	11	Read Error (medium error).
	12	No address mark found in ID field on disk (medium error).
	13	No address mark found in data field on disk (medium error).
	14	No record found (disks) (medium error).
	15	Seek error (hardware error).
	1A	Too many parameters (illegal request).
	20	Invalid Command (illegal request).
	21	Illegal parameters were sent to the controller. For QPC584E; 21 indicates invalid address on disk.
	22	Switching from hard disk to floppy disk for normal operation.
	23	Disk capacity overflow (illegal request).
	24	Illegal field in command (illegal request).
	25	Invalid drive selection (illegal request).
	26	Invalid field in parameter list (illegal request).
	27	Write protected (also see 97).
	28	Disk changed.

Mass Storage Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	29	Power on reset occurred.
	2A	Drive parameters changed.
	2B	Floppy disk controller error.
	31	Drive format is corrupted (medium error).
	33	Switching from floppy disk to hard disk for normal operation.
	40	RAM failure (hardware error).
	41	ECC diagnostic failure (hardware error).
	91	Uncorrectable error in data field of diskette. Replace the floppy disk that was being accessed when the error occurred.
	92	Controller did not detect the address mark in the Identification (ID) field.
	94	Controller could not find the requested record.
	95	Seek error. The Controller could not find the specified track.
	97	Attempting to write on a write-protected disk. Floppy disk B has a write-protect tab.
	BA	Write error.
	BC	A diskette write error occurred during the write of a record.
	BD	Logical Record Count (LRC) mismatch during disk write. The LRC calculated by the MSI does not agree with the LRC sent by the system.
	BE	Record Number (RN) mismatch during disk write. The current RN in the MSI does not agree with the RN sent by the system.
	BF	Illegal Record Type (RT) during disk write. The record requested by SL-1 to be written onto diskette is neither a configuration record (RT8) nor data record (RT7).
	CA	Beginning to copy data from floppy disk A to hard disk.
	CA	Beginning to copy data from floppy disk B to hard disk.
	CC	Copy (restore) from floppy disk to hard disk is complete.
	CD	Hard disk has been positioned to shipping zone.

Mass Storage Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	D0	Attempting to do a data base back up when there are no data records on the hard disk. Do a data dump to the hard disk before doing the backup to the floppy disks.
	D1	Attempting to do a data base back up when MSI switch settings have not been set for operation from a hard disk.
	D6	Read error of hard disk private sector.
	DD	Data dump (back-up) to floppy disk B is beginning.
	DC	Data dump (back-up) to floppy disk is complete.
	E1	Cartridge time-out because MSI data cartridge is not present. Install a data cartridge.
	E2	Illegal MSI data cartridge. Check that the data cartridge is properly installed (proper orientation with all pins inserted), or replace data cartridge.
	E3	Disk ID on floppy does not match ID in data cartridge. Replace floppy or cartridge.
	E4	Mismatch in System Version Number (SVN). SVN on disk does not match SVN in MSI data cartridge. Replace floppy disks or cartridge. SVN indicates the SL-1 machine type. For example the SVN for SL-1 XN it is 911.
	E5	Mismatch in System Issue Number (SIN). SIN release number on disk does not match SIN release number in MSI data cartridge. Replace floppy disks or data cartridge. SIN consists of two parts: a release number and an issue number. The release number is the most significant (decimal) digit of the SIN and the issue number is the lease two significant digits. For example, a SIN of 855 means a release number of 8 and an issue number of 55. The MSI only compares the release portion of the SIN.
	E6	Diskette read error encountered during attempted read of the private sector. Check that the floppy disk is present.
	E7	Diskette write error encountered during attempted write to the private sector. Check that the write-protect tab has been removed from the floppy disk in drive B.
	E8	Illegal attempt to write onto floppy disk A. This is not allowed.

Mass Storage Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	E9	Illegal attempt to write to track 1 or track 2 space on the hard disk. This is not allowed.
	EA	Illegal value was written into track register. The value written was not 1, 2, 4 or 8.
	EC	Conversion error in computing logical sector number for hard disk.
	EE	Maximum record number was exceeded during a database write to disk.
	FA	Fault in floppy drive A. Self-test failed. Check cabling to drive A, check drive DIP switches or replace drive.
	FB	Fault in floppy drive B. Self-test failed. If code 97 was displayed before FB, the write-protect tab is in place and the write test could not be completed. Remove the write-protect tab on floppy disk B. Otherwise, check cabling to drive B, check drive DIP switches or replace drive.
	FC	Fault in hard disk drive C. Self-test failed. Check cabling to drive C, check drive DIP switches or replace drive.
	FD	Wrong floppy disks in drives.
	FE	Read error.
	FF	Floppy disk is in the wrong drive. Floppy disk A is in drive B and floppy disk B is in drive A. Drive A must contain a Track 1 floppy, Drive B a Track 3 floppy.
Steady	00	Mass Storage Interface (MSI) power-up completed.
	10	Mass Storage Interface (MSI) in idle state.
	2F	Unknown command from CPU.
	81-8F	Codes 81 to 8F indicate the MSI is simulating tape functions. 81 = Slow forward with Inter-record Gap (IRG) 82 = Slow reverse with Inter-record Gap (IRG) 83 = Fast forward with Inter-record Gap (IRG) 84 = Fast reverse with Inter-record Gap (IRG) 85 = Rewind

Mass Storage Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Steady		89 = Set timer (to a maximum of 64 ms) 8A = Read disk 8B = Write disk 8C = Diagnostic write 8D = Diagnostic fast forward 8E = Diagnostic fast reverse 8F = Unrecognized command
	A1	MSI has completed reading a record from disk and is transferring the data to the CPU.
	A2	MSI has completed writing a record from its write buffer onto a diskette.
	AD	during restore and backup for hard disk, the Mass Storage Interface (MSI) is waiting for the disk controller to indicate that it has completed execution of the command.
	AE	MSI has sent a status request to the Disk Controller.
	AF	MSI has issued a command to the Disk Controller.
	C2	Copying track 1 to track 2 on hard disk.
	C4	Copying track 3 to track 4 on hard disk.
	FE	Read error.
	FF	Floppy disk is in the wrong drive. Floppy disk A is in drive B and floppy disk B is in drive A. Drive A must contain a Track 1 floppy, Drive B a Track 3 floppy.

Floppy Drive Interface pack (FDI) faceplate codes

The codes listed in this table appear on the Floppy Disk Interface (FDI) circuit pack located on the CPU shelf of systems equipped with disk drives.

Table 4: Floppy Drive Interface pack (FDI) faceplate codes

The meaning of the code depends on whether the display is alternating, counting, flashing or steady.

Floppy Drive Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Alternating	A1-70	FDI is reading disk records.
Counting	55-00	Display counts down in hexadecimal from 55 to 00 in approximately 1 second intervals. This display will run through two cycles. This is to simulate fast-forward and fast-reverse tape motion during diagnostics.
Flashing	44	Sanity timer has timed-out. Extraordinary situation.
	55	Floppy Disk Unit (FDU) or CPU not responding. The FDU may have no power. Check FDI to FDU cable. This message is also displayed if the CPU does not respond to the FDI after giving it a command.
	60	Missing address mark. The Floppy Disk Controller (FDC) cannot detect the ID address mark after encountering the index hole twice. Check the cable or replace the diskette (disk error).
	61	Not able to write. The Floppy Disk Controller (FDC) has detected a write protect signal from the addressed drive. Remove the write protect tab on floppy disk B and try again.
	62	No data. Floppy Disk Controller (FDC) cannot find the sector specified (disk error).
	63	Overrun. Floppy Disk Controller (FDC) is not being serviced fast enough by the CPU (FDC/hardware error).
	64	Data error. A checksum error in the ID field or the data field was detected (disk error).
	65	End of cylinder. An attempt has been made to access beyond the final sector of a cylinder (FDC/hardware error).

Floppy Drive Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	66	Missing address mark in data field. In conjunction with (60), this specifies the missing address mark to have occurred in a data field (disk error).
	67	Bad cylinder. The cylinder address as read from the disk does not match the cylinder address loaded into the Floppy Disk Controller (FDC), and the disk cylinder address equals FFH (FDC/hardware error).
	68	Wrong cylinder. The cylinder address as read from the disk does not match the cylinder address loaded into the Floppy Disk (FDC) (FDC/hardware error).
	69	Data error in data field. A checksum error was detected in the data field (disk error).
	6A	Control mark. A sector with a deleted data address mark was encountered (disk error).
	72	Abnormal termination. Command execution started but not be successfully completed.
	74	Interrupt module error. An error was detected during execution of interrupt module.
	75	Read2s module error.
	76	Write2s module error.
	77	Initctrl module error.
	78	Command interface error. Incorrect hand shaking between Floppy Disk Controller (FDC) and CPU during attempt to load command block.
	79	Result interface error. Incorrect handshaking between Floppy Disk Controller (FDC) and CPU during attempt to read result bytes.
	7A	RXRSLT module error.
	7C	Addressed drive not ready.
	7D	Invalid hard disk operation attempted.
	7E	Logical sector number out-of-range.
	BA	Write error.
	BC	A disk write error occurred during the write of a tape record.

Floppy Drive Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	BD	Checksum mismatch during disk write. The checksum calculated by the MSI does not agree with the checksum sent by the system.
	BE	Record Number (RN) mismatch during disk write. The current RN in the MSI does not agree with the RN sent by the system.
	BF	System has requested that a record be written to a disk. The record is neither a configuration record nor a data record.
	E1	Cartridge timeout because MSI data cartridge is not present. Install a data cartridge.
	E2	Illegal MSI data cartridge. Check that the data cartridge is properly installed (proper orientation with all pins inserted), or replace data cartridge.
	E3	Disk ID on floppy disk does not match disk ID in data cartridge. Replace floppy disks or data cartridge.
	E4	Mismatch in System Version Number (SVN). SVN on disk does not match SVN in MSI data cartridge. Replace floppy disks or cartridge.
	E5	Mismatch in System Issue Number (SIN). SIN release number on disk does not match SIN release number in MSI data cartridge. Replace floppy disks or data cartridge.
	E6	Diskette read error encountered during attempted read of the private sector. Check that the floppy disk is present.
	E7	Diskette write error encountered during attempted write to the private sector. Check that the write-protect tab has been removed from the floppy disk in drive B.
	E8	Illegal attempt to write onto floppy disk A. This process is not allowed.
	EA	Illegal value was written into track register. The value written was not 1, 2, 4 or 8.
	EE	Maximum record number was exceeded during database write to disk.
	FA	Fault in floppy drive A. Self-test failed. Check cabling to drive A or replace drive.

Floppy Drive Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Flashing	FB	Fault in floppy drive B. Self-test failed. If code 61 was displayed before FB, the write-protect tab is in place and the write test could not be completed. Remove the write-protect tab on floppy disk B. Otherwise, check cabling to drive B or replace drive.
	FD	Wrong floppy disks in drives.
	FE	Read error.
	FF	Floppy disk is in the wrong drive. Floppy disk A is in drive B and floppy disk B is in drive A. Insert disks in the proper drives.
Steady	00	Floppy Disk Interface (FDI) power-up completed.
	10	Floppy Disk Interface (FDI) in idle state.
	2F	Unknown command from CPU.
	70	Invalid command. Floppy Disk Controller (FDC) has received an unrecognizable command. This code also signals the successful completion of all asynchronous processing.
	71	Asynchronous command complete.
	73	Ready status change.
	7B	Synchronous command complete.
	81-8F	Codes 81 to 8F indicate the FDI is simulating tape functions. 81 = Slow forward with Inter-record Gap (IRG) 82 = Slow reverse with Inter-record Gap (IRG) 83 = Fast forward with Inter-record Gap (IRG) 84 = Fast reverse with Inter-record Gap (IRG) 85 = Rewind 89 = Set timer (to a maximum of 64 ms) 8A = Read disk 8B = Write disk 8C = Diagnostic write 8D = Diagnostic fast forward 8E = Diagnostic fast reverse 8F = Unrecognized command
	A1	Floppy Disk Interface (FDI) has completed reading a record from a disk into its read buffer and is transferring the data to the CPU.

Floppy Drive Interface Faceplate Codes		
Display Status	**Code**	**Meaning**
Steady	A2	Floppy Disk Interface (FDI) has completed writing a record from its write buffer onto a disk.
	CC	Data transfer from cartridge is complete.

Maintenance Display Codes

The maintenance display indicates status and error conditions. The display is located on the Interface or Miscellaneous card in the CPU.

> ***Note:*** Option 11 does not have a maintenance display, the HEX codes are displayed on the maintenance terminal during Initialization or Sysload.
>
> In Option 81, the maintenance display on the NT6D66 Call Processor (CP) Card shows two lines of information, with up to 16 characters per each line. The hexadecimal code and its definition are shown on the display.

Each new code shown on a maintenance display overwrites the one before it. However:

- All codes received on common equipment displays are recorded. You can review them by printing the History File (if equipped).
- The most recent 16 codes displayed on a controller card stay in memory. You can review them and reset the counter through the Network and Signaling Diagnostic (LD 30).
- In Option 51C, 61C, 81, and 81C, the most recent 64 displays on a CP card stay in memory. You can review the displays on the active CP card through the Core Common Equipment Diagnostic (LD 135).

Table 5 on page 577 lists the cards with maintenance displays and the type of information indicated by the codes on each card.

Table 5: Circuit cards with maintenance displays

System options	Circuit card	Display indication (for all related cards)
21A, 21 21E 51, 61, 71 51C, 61C, 81, 81C	NT8D19 Memory/Peripheral Signaling Card NTND01 ICM Card QPC580 CPU Interface Card NT6D66, NT9D19, NT5D10, NT5D03 Call Processor Card	Sysload (system reload) status Interrupt faults Memory faults Common equipment hardware faults
21A, 21, 21E, 51, 61 51, 61, 71 61C (NT9D11), 81 51C, 61C, 81, 81C	QPC742 Floppy Disk Interface Card QPC584 Mass Storage Interface Card NT6D63 I/O Processor Card (release 19 and 20) NT5D61 IODU/C Card (release 23 and later) NT5D20 IOP/CMDU Card release 21 and later)	Faults on the disk drive unit Faults on the disk drive interface card
21, 21E, 51, 51C, 61, 61C, 71, 81, 81C	NT8D01 Controller Card NT1P62 Fibre Controller	During normal operation, display shows self-test codes and port number on which Controller Clock is tracking
21E, 51, 51C, 61, 61C, 71, 81, 81C, STE, RT, NT, XT	NT7R52 Remote Carrier Interface Card	During normal operation, display shows self-test codes and port number on which Controller Clock is tracking

System Element Abbreviations

Some error conditions indicate hardware faults. In these cases, try to isolate the fault by replacing the cards in the order listed. The following abbreviations are used:

CIM	Control Interface and Memory
CMA	Changeover and Memory Arbitrator
CPU	Central Processing Unit
CT	Control and Timing
FN	Function
IF	Interface
MEM	Memory
MFS	Multifrequency Sender
MISC	Miscellaneous
PS	Peripheral Signaling
ROM	Read Only Memory
SDI	Serial Data Interface
TDS	Tone and Digit Switch
TT	Tone Transmitter
TD	Tone Detector
PRI	Primary Rate Interface
MISP	Meridian ISDN Signalling Processor

Note: The following 3 digit Hex codes do not apply to Option 11.

Maintenance display codes

Code	Description
01	Manual interrupt or Power Monitor interrupt. For system Options NT, RT, XT, 51 and 61, replace: IF, FN. For system Options XN and 71, replace: FN, CT, MISC. For all other system Options, replace: CPU, MISC, PS.
02	Peripheral Signal ROM checksum error. For system Options NT, RT, XT, 51 and 61, replace IF. For system Options XN and 71, replace: CIM. For system Option 11, replace: CPU. For all other system Options, replace: ROM.

Maintenance display codes

03 Real-time Control (RTC) interrupt fault.

For system Options NT, RT, XT, 51 and 61, replace: IF.
For system Option 11, replace: CPU.
For system Options XN and 71, replace: CT.

04 Input Output (I/O) interrupt fault.

For system Options NT, RT, XT, 51 and 61, replace: FN.
For system Options XN and 71, replace: MISC.
For system Option 11, replace: CPU, TT/TD/SDI, SDI, card option mail, PRI, MISP.
For all other system Options, replace: MISC, SDI, TDS, MFS.

05 For system Option 11, replace: CPU. For all other system Options, replace:PS.

06 For system Option 11, replace: CPU. For all other system Options, replace:MISC, PS, MFS.

07 Real-time Control (RTC) interrupt fault.

For system Options NT, RT, XT, 51 and 61, replace: IF.
For system Options XN and 71, replace: CIM.
For system Option 11, replace: CPU. For all other system Options, replace: ROM.

08 Too many initializes on this CPU.

09 CMA transmission error. Replace: primary CMA, secondary CMA, Memory.

0A CMA transmission error secondary, Memory Trouble Register (MTR) primary is disabled. Replace: primary CMA, secondary CMA.

0B CMA transmission error secondary, Memory Trouble Register (MTR) secondary is disabled. Replace: secondary MEM, secondary CMA, primary CMA.

0C PS ROM response timeout. Replace: CIM, IF.

0D Parity error at non-memory address. Replace: IF, CMA.

0E Parity error in PS ROM. Replace: IF, FN.

0F Trap with no known cause.

10 Replace Memory 00.

11 Replace Memory 01.

12 Replace Memory 02.

18 Replace Memory 10.

19 Replace Memory 11.

1A Replace Memory 12.

Maintenance display codes

20 Primary memory parity error on read or write.

For system Options NT, RT, XT, 51 and 61, replace: CMA, IF. For system Option 11, replace: CPU. For all other system Options, replace: CMA, MISC.

21 Memory parity error - primary and/or secondary.

For system Options XN and 71, replace: prime CMA, secondary CMA, MISC. For all other system Options, replace: prime CMA, secondary CMA, IF.

22 Cannot clear CMA interrupt.

For system Options XN and 71, replace: prime CMA, secondary CMA, MISC. For all other system Options, replace: primary CMA, secondary CMA.

23 CMA fault. Replace: CMA0, CMA1.

24 Data store failed to respond when reading trap data block. Replace: Memory, CMA, IF, FN.

25 Checksum failed. For system Option 11, replace: CPU. Replace: Memory, CMA, IF, FN.

4x Peripheral Signaling card failure, where x is the PS number.

5x Replace Intergroup Switch, where x is the IGS number in hex. (0-F = 0-15).

During SYSLOAD the following codes appear:

5B = loading firmware
5C = loading program
5D = loading data
5E = initializing data store (protected and unprotected)
5F = loading process successful

60 Replace Intergroup Switch 16.

61 Replace Intergroup Switch 17.

62 Replace Intergroup Switch 18.

63 Replace Intergroup Switch 19.

6E Replace Clock Controller 0.

6F Replace Clock Controller 1.

7x Replace TAPE or MSI x.

8x Replace Serial Data Interface x, where x is the port number in hex. (0-F = 0-15). For Option 11, x is card number in Hex.

Maintenance display codes

9x Replace network, conference or TDS loop for group 0, where x is the loop number in hex (0-F = 0-15).

Group 0	Loop Number
90	loop 0
91	loop 1
92	loop 2
93	loop 3
94	loop 4
95	loop 5
96	loop 6
97	loop 7
98	loop 8
99	loop 9
9A	loop 10
9B	loop 11
9C	loop 12
9D	loop 13
9E	loop 14
9F	loop 15

Ax Replace network, conference or TDS loop for group 0, where x is the loop number in hex (0-F = 16-31).

Group 0	Loop Number
A0	loop 16
A1	loop 17
A2	loop 18
A3	loop 19
A4	loop 20
A5	loop 21
A6	loop 22
A7	loop 23
A8	loop 24
A9	loop 25
AA	loop 26
AB	loop 27
AC	loop 28
AD	loop 29
AE	loop 30
AF	loop 31

Maintenance display codes

Bx Replace network, conference or TDS loop for group 1, where x is the loop number in hex (0-F = 32-47).

Group 1	Loop Number
B0	loop 32
B1	loop 33
B2	loop 34
B3	loop 35
B4	loop 36
B5	loop 37
B6	loop 38
B7	loop 39
B8	loop 40
B9	loop 41
BA	loop 42
BB	loop 43
BC	loop 44
BD	loop 45
BE	loop 46
BF	loop 47

Cx Replace network, conference or TDS loop for group 1, where x is the loop number in hex (0-F = 48-63).

Group 1	Loop Number
C0	loop 48
C1	loop 49
C2	loop 50
C3	loop 51
C4	loop 52
C5	loop 53
C6	loop 54
C7	loop 55
C8	loop 56
C9	loop 57
CA	loop 58
CB	loop 59
CC	loop 60
CD	loop 61
CE	loop 62
CF	loop 63

Maintenance display codes

Dx Replace network, conference or TDS loop for group 2, where x is the loop number in hex (0-F = 64-79).

Group 2	Loop Number
D0	loop 64
D1	loop 65
D2	loop 66
D3	loop 67
D4	loop 68
D5	loop 69
D6	loop 70
D7	loop 71
D8	loop 72
D9	loop 73
DA	loop 74
DB	loop 75
DC	loop 76
DD	loop 77
DE	loop 78
DF	loop 79

Ex Replace extender.

Note: Ex codes are also used to define network, conference, or TDS loops. Check the INI message to determine whether the HEX code is associated with an extender or loop.

Where x is:

E0 : Local Extender CPU 0 to Group 0
E1 : Local Extender CPU 0 to Group 1
E2 : Local Extender CPU 0 to Group 2
E3 : Local Extender CPU 0 to Group 3
E4 : Local Extender CPU 0 to Group 4
E5 : Local Extender CPU 0 to Group 5
E6 : Local Extender CPU 0 to Group 6
E7 : Local Extender CPU 0 to Group 7
E8 : Remote Extender Group 0 to CPU 0
E9 : Remote Extender Group 1 to CPU 0
EA : Remote Extender Group 2 to CPU 0
EB : Remote Extender Group 3 to CPU 0
EC : Remote Extender Group 4 to CPU 0
ED : Remote Extender Group 5 to CPU 0
EE : Remote Extender Group 6 to CPU 0
EF : Remote Extender Group 7 to CPU 0

Maintenance display codes

Fx Replace extender, where x is:

F0 : Local Extender CPU 1 to Group 0
F1 : Local Extender CPU 1 to Group 1
F2 : Local Extender CPU 1 to Group 2
F3 : Local Extender CPU 1 to Group 3
F4 : Local Extender CPU 1 to Group 4
F5 : Local Extender CPU 1 to Group 5
F6 : Local Extender CPU 1 to Group 6
F7 : Local Extender CPU 1 to Group 7
F8 : Remote Extender Group 0 to CPU 1
F9 : Remote Extender Group 1 to CPU 1
FA : Remote Extender Group 2 to CPU 1
FB : Remote Extender Group 3 to CPU 1
FC : Remote Extender Group 4 to CPU 1
FD : Remote Extender Group 5 to CPU 1
FE : Remote Extender Group 6 to CPU 1
FF : Remote Extender Group 7 to CPU 1

FFF : All extenders disabled

010 Sequence, status flag, conditional jump problems.

For system Options XN and 71, replace: CT, FN, IF, MISC, CIM. For all other system Options, replace: FN, IF.

011 Call, return, micro return address stack problems.

For system Options XN and 71, replace: CT, FN, IF, MISC, CIM. For all other system Options, replace: FN, IF.

012 JNI to jump over to next page in ROM failed. Replace: CT, FN, IF, MISC, CIM.

013 Micro-store parity.

For system Options XN and 71, replace: CT, FN, IF, MISC, CIM. For all other system Options, replace IF.

020 Slice register arithmetic, logic problem.

For system Options XN and 71, replace: FN, CT, IF, MISC, CIM. For all other system Options, replace: FN, IF.

021 16-bit barrel shifter problems.

For system Options XN and 71, replace: FN, CT, IF, MISC, CIM. For all other system Options, replace: FN, IF.

Maintenance display codes

022 16-bit barrel shifter problems with micro-store data.

For system Options XN and 71, replace: FN, CT, IF, MISC, CIM. For all other system Options, replace: FN, IF.

023 Write to background while at interrupt level.

For system Options XN and 71, replace: FN, MISC, CT, IF, CIM. For all other system Options, replace: FN, IF.

024 Interrupt level did not write its bases.

For system Options XN and 71, replace: FN, MISC, CT, IF, CIM. For all other system Options, replace: FN, IF.

025 Bad data written to some interrupt level bases.

For system Options XN and 71, replace: FN, MISC, CT, IF, CIM. For all other system Options, replace: FN, IF.

026 Bad base fetch via BN at some interrupt level.

For system Options XN and 71, replace: FN, MISC, CT, IF, CIM. For all other system Options, replace: FN, IF.

027 24-bit ALU shifter problem. Replace: FN, IF.

042 CPU write protect failed Replace: MISC, IF, FN, CIM.

080 Stuck bits in Y-registers.

For system Options XN and 71, replace: CT, FN, IF, MISC, CIM. For all other system Options, replace: FN, IF.

081 Bad PSW register.

For system options XN and 71, replace: IF, MISC, CT, FN, CIM. For all other system options, replace: IF.

082 Bad FSI register.

For system Options XN and 71, replace: IF, MISC, CT, FN, CIM. For all other system Options, replace: FN, IF.

083 RAM addressing failure.

For system Options XN and 71, replace: FN, IF, CT, MISC, CIM. For all other system Options, replace: FN, IF.

084 Bad stack access at interrupt level.

For system Options XN and 71, replace: FN, MISC, CT, IF, CIM. For all other system Options, replace: FN, IF.

Maintenance display codes

085 Faulty FAR register.

For system Options XN and 71, replace: IF, CT, FN, MISC, CIM. For all other system Options, replace: FN, IF.

086 Faulty FSR register Replace: IF, CT, FN, MISC, CIM.

087 Read/Write failure on Miscellaneous registers.

For system Options XN and 71, replace: MISC, IF, FN, CT, CIM. For all other system Options, replace: FN, IF.

088 Fault during read/write operation while doing CPU tests.

For system Options XN and 71, replace: IF, MISC, CT, FN, CIM. For all other system Options, replace: FN, IF.

089 PC auto-increment failure.

For system Options XN and 71, replace: IF, MISC, CT, FN, CIM. For all other system Options, replace: FN, IF.

08A PS fetch using BIR, not blocked.

For system Options XN and 71, replace: MISC, IF, FN, CT, CIM. For all other system Options, replace: FN, IF.

08B RTC did not tick or clear.

For system Options XN and 71, replace: CIM, MISC, IF, FN, CT. For all other system options, replace: FN, IF.

08C Bad response timeout in FSI.

For system Options XN and 71, replace: IF, CT, FN, MISC, CIM. For all other system Options, replace: FN, IF.

08D Bad data in program store fetch.

For system Options XN and 71, replace: IF, MISC, CT, FN, CIM. For all other system Options, replace: FN, IF.

0FF Bad CIM. Replace: CIM, IF, MISC, FN, CT.

Maintenance display codes

Ex Replace network, conference or TDS loop for group 2

Note: Ex codes are also used to replace extenders. Check the INI message to determine whether the HEX code is associated with an extender or loop.

Where x is the loop number in hex (0-F = 80-95):

Group 2	Loop Number
E0	80
E1	81
E2	82
E3	83
E4	84
E5	85
E6	86
E7	87
E8	88
E9	89
EA	90
EB	91
EC	92
ED	93
EE	94
EF	95

FFx Replace network, conference or TDS loop for group 3, where x is the loop number in hex (0-F = 96-111).

Group 3	Loop Number
FF0	96
FF1	97
FF2	98
FF3	99
FF4	100
FF5	101
FF6	102
FF7	103
FF8	104
FF9	105
FFA	106
FFB	107
FFC	108
FFD	109
FFE	110
FFF	111

Maintenance display codes

10x Replace network, conference or TDS loop for group 3, where x is the loop number in hex (0-F = 112-127).

Group 3	Loop Number
100	112
101	113
102	114
103	115
104	116
105	117
106	118
107	119
108	120
109	121
10A	122
10B	123
10C	124
10D	125
10E	126
10F	127

11x Replace network, conference or TDS loop for group 4, where x is the loop number in hex (0-F = 128-143).

Group 4	Loop Number
110	128
111	129
112	130
113	131
114	132
115	133
116	134
117	135
118	136
119	137
11A	138
11B	139
11C	140
11D	141
11E	142
11F	143

Maintenance display codes

12x Replace network, conference or TDS loop for group 4, where x is the loop number in hex (0-F = 144-159).

Group 4	Loop Number
120	144
121	145
122	146
123	147
124	148
125	149
126	150
127	151
128	152
129	153
12A	154
12B	155
12C	156
12D	157
12E	158
12F	159

13x Replace network, conference or TDS loop for group 5, where x is the loop number in hex (0-F = 160-175).

Group 5	Loop Number
130	160
131	161
132	162
133	163
134	164
135	165
136	166
137	167
138	168
139	169
13A	170
13B	171
13C	172
13D	173
13E	174
13F	175

Maintenance display codes

14x Replace network, conference or TDS loop for group 5, where x is the loop number in hex (0-F = 176-191).

Group 5	Loop Number
140	176
141	177
142	178
143	179
144	180
145	181
146	182
147	183
148	184
149	185
14A	186
14B	187
14C	188
14D	189
14E	190
14F	191

15x Replace network, conference or TDS loop for group 6, where x is the loop number in hex (0-F = 192-207).

Group 6	Loop Number
150	192
151	193
152	194
153	195
154	196
155	197
156	198
157	199
158	200
159	201
15A	202
15B	203
15C	204
15D	205
15E	206
15F	207

Maintenance display codes

16x Replace network, conference or TDS loop for group 6, where x is the loop number in hex (0-F = 208-223).

Group 6	Loop Number
160	208
161	209
162	210
163	211
164	212
165	213
166	214
167	215
168	216
169	217
16A	218
16B	219
16C	220
16D	221
16E	222
16F	223

17x Replace network, conference or TDS loop for group 7, where x is the loop number in hex (0-F = 224-239).

Group 7	Loop Number
170	224
171	225
172	226
173	227
174	228
175	229
176	230
177	231
178	232
179	233
17A	234
17B	235
17C	236
17D	237
17E	238
17F	239

Maintenance display codes

18x Replace network, conference or TDS loop for group 7, where x is the loop number in hex (0-F = 240-255).

Group 7	Loop Number
180	240
181	241
182	242
183	243
184	244
185	245
186	246
187	247
188	248
189	249
18A	250
18B	251
18C	252
18D	253
18E	254
18F	255

CDR Maintenance Display codes (CDR systems)

The codes provided below appear on the QPC41 MISC card maintenance display of the CDR CPU. Codes with ** after them apply only to Multi-port CDR machines. Refer to *CDR Maintenance* (553-2631-510).

CDR maintenance display codes

00 Trap caused by system power reset. This code is provided for information only.

01 The CDR CPU failed the CPU test. If CDR is not running, suspect one or more of the following packs:

Arithmetic Logic Unit (ALU) - QPC40
Miscellaneous (MISC) - QPC41
Sequencer (SEQ) - QPC42
Read-only-memories (ROMs)

If CDR is running then an intermittent fault is present. Use LD 42 to clear the CDR maintenance display or press the MAN INT button on multi-port CDR machines. If the problem recurs, suspect the packs listed above.

02, 03 The ROM failed to checksum correctly. Suspect ROM packs. If CDR is not running, suspect the following packs:

02 = CDR ROM 1 QPC131 (single port), QPC234 (multi-port)
03 = CDR ROM 2 QPC132 (single port), QPC235 (multi-port)

If neither of these packs clear the fault, suspect a processor fault. Respond as if 01 were in the display. If CDR is running, an intermittent fault is present. Use LD 42 to clear the CDR maintenance display. If the problem reappears, suspect the packs listed above. If the problem reappears and persists, treat it as a code 01.

05 Trap caused by response time-out. A device suddenly failed to respond. This could happen if an SDI card was removed without first using CDM to disable the card. If this problem is intermittent, a card may not be securely enough plugged into the CDR machine or may be faulty. If the problem still occurs, respond as for code 01.

06 Trap caused by write protection violation.

07 Trap caused by watchdog time-out. These codes probably indicate a CPU problem. Suspect cards in the same order as for code 01.

08 Trap caused by memory parity error. If this recurs after clearing the maintenance display, respond as for code 10.

09 Trap for indeterminable causes. This code probably indicates a CPU problem. Suspect packs in the same order as for code 01.

10 The read/write memory failed the memory test. If CDR is not running, suspect the memory pack.

CDR maintenance display codes

If CDR is running then an intermittent fault exists. Use LD 42 to clear the CDR maintenance display. If the fault recurs, suspect the packs listed above followed by the packs listed for code 01.

20, 21 CDR timing problem:

20 = CDR timing did not respond.
21 = CDR timing had a stuck interrupt.

For both 20 or 21 case suspect CDR Timing pack.

If CDR is not running, see 553-2631-510. If CDR is running, the an intermittent fault exists. Use LD 42 to clear the CDR maintenance display. If the problem recurs, suspect the packs listed above followed by all the packs listed for code 01.

30 The requested sequence is already being performed. Wait for it to complete.

31 The requested function can not be performed because another request is still pending. Wait for the pending function to complete or press the UNLOAD button to terminate it.

32 The requested function (RESTORE or LOAD) cannot be performed because CDM has been loaded and has put the CDR machine in maintenance mode.

See the discussion of maintenance mode in LD 42. If it is required to terminate the maintenance mode, UNLOAD may be pressed to unload the tape. Note that this may disturb the tests being performed by CDM.

33 RESTORE cannot be performed because a LOAD or UNLOAD sequence is in progress; wait for the sequence to complete.

34 LOAD can not be performed because the drive is not disabled or another function is in progress. If another function is being performed, wait for it to complete, then try again. If the drive is not disabled, you must UNLOAD the tape before you can LOAD it.

CAUTION: LOAD will destroy any data already written on the tape.

35 LOAD can not be performed because the tape is not at load point. UNLOAD and remount the tape.

CAUTION: LOAD will destroy any data already on the tape.

40 Cabinet over-temperature has been detected. Take appropriate temperature lowering measures.

41 Fan failure has been detected in CDR cooling unit. Clean filters and/or replace fan assembly.

50 LOAD cannot be performed because the tape is write protected. CDR will unload the reel of tape. Install a write enable ring in the supply reel and remount the tape.

CDR maintenance display codes

51 LOAD cannot be performed because the tape unit is not ready. This may be because it is rewinding. Wait for rewind to complete and make unit ready. Retry request.

52 LOAD failed after 10 tries. CDR will unload the tape. Retry the request with a different tape. If the problem persists then:

Clean the tape head path.

The tape unit may require calibration or be faulty.

Suspect QPC130 (Tape Control), QPC39 (Timing) or cables.

53 UNLOAD failed after 10 tries. CDR gives up.

54 The RESTORE function failed after 4 tries. CDR will wait 8 h and then try again. This code indicates that the error recovery attempt has failed.

Attempt to RESTORE the tape. If restore is successful, use LD 42 to clear the maintenance display or press MAN INT on a multi-port CDR machine. If the RESTORE fails, try cleaning the tape heads and path. Try RESTORE again. If it fails, try Loading a new tape. If this is successful, send the old tape for processing.

If the LOAD fails, suspect one or more of the following items:

tape drive - may require calibration or repair
QPC130 Tape Interface
QPC39 Timing
cables

If the problem is intermittent suspect the items listed above.

Since CDR will try the RESTORE again after an 8 h wait, the CDR machine may be recording data if more than 8 h has elapsed since the code was originally put in the display. This would indicate that the fault is intermittent.

55 End-of-tape encountered while doing a RESTORE. CDR will UNLOAD the tape.

The tape cannot be RESTORED since the tape mark at the end of the data cannot be found. If the tape has data on it, it should be sent for processing and a new tape mounted and LOADED to collect new data. If the problem persists, a faulty tape unit is suspected. This problem can also be caused by trying to RESTORE a blank tape.

56 Write protect was encountered while doing a RESTORE. Ensure that the write enable ring is installed. If the problem persists, suspect a tape reel or tape drive.

57 End-of-tape encountered while writing. CDR will UNLOAD the tape. Mount a new tape and LOAD it. Send the tape that was removed for processing. Depending on the period of time since the end of tape occurred, data may or may not have been lost.

70 CDR tape control pack did not respond.

CDR maintenance display codes

71 CDR tape control has a stuck interrupt. In either case suspect CDR Tape Control. If the CDR is not running see 553-2631-510. If the CDR is running, an intermittent fault exists. Use LD 42 to clear the CDR maintenance display or press MAN INT on a multi-port CDR machine. If the problem recurs, suspect the packs listed above followed by all packs listed for code 01.

8x SDI problem, where:

80 = SDI response time-out.
81 = SDI has permanent interrupt.
82 = SDI line is not ready.
83 = SDI lost an output interrupt.

For 80 to 83 suspect the SDI pack. Ensure that the speed select, address select and programming plugs are properly set. If the CDR is not running, see 553-2631-510. If CDR is running, an intermittent fault exists. Use LD 42 to clear the CDR maintenance display or press MAN INT on a multi-port CDR machine. If the problem recurs, suspect the packs listed above followed by all packs listed for code 01.

Code 82 can also be caused by a faulty modem or cable.

Regarding Codes Ax through Dx:

The following display codes (Ax through Dx) identify a problem in port x (0 to 15), where x is indicated as a hexadecimal device number in the range 0 to F. See hexadecimal conversion table in the first part of this practice.

Ax TTY x does not exist. This code will be displayed if the parameter on an ENL SL1 command refers to an SDI port which does not exist. Either the parameter was mis-specified or the address switches on the SDI card were set incorrectly. This error can also occur with a faulty SDI card.

Bx TTY x is not getting output interrupts. The SDI pack should be replaced. If this does not cure the problem, act as for code 01.

Cx “EIA Device Not Ready” status on TTY x. Unless the SDI card is faulty, this error indicates:

1. There is no connector attached to the faceplate of the SDI, or
2. A plug on the SDI pack is in the wrong position, or
3. A plug on the SDI pack is missing.

Dx Stuck interrupt on TTY x. Replace the SDI card. If this proves to be of no avail, treat the problem the same as for code 01.

I/O Processor (IOP) card displays

System Options 51C, 61C, 81, and 81C machines, the NT6D63 I/O Processor (IOP) card provides hexadecimal displays to indicate various phases of operation and the states the card is in during those phases.

Assembly level initialization and basic card self-tests are noted on the HEX display by decimal points appearing to the left of the HEX code.

High level code initialization and card self-tests have the decimal point to the right of the code to indicate they are taking place.

Card operation is indicated by the alternating decimal points.

Table 6: Assembly level initialization and basic card self-tests

Event	Hex code	LED state	Note
Power up	.0.	ON	Bootstrap code
Self-test 1	.1	ON	ROM checksum self-test
Self-test 1 fails	.1/.E.	ON	ROM checksum self-test failed (alternates 3 times)
Self-test 2	.2	ON	SRAM self-test
Self-test 2 fails	.2/.E.	ON	SRAM self-test failed (alternates 3 times)
Debug initialization	.3.	ON	IOP debugger initialization
Debug initialization failed	.3./.E.	ON	IOP debugger initialization failed (alternates 3 times)
Self-test 3	.3	ON	Processor self-test
Self-test 3 fails	.3/.E.	ON	Processor self-test failed (alternates 3 times)
Self-test 4	.4	ON	BIC Initial Condition Check
Self-test 4 fails	.4/.E.	ON	BIC Initial Condition Check failed (alternates 3 times)
Set up	.8	ON	Assembly level copying ROM to RAM, and miscellaneous initialization

Table 7: High level initialization and card self-tests

Event	Hex code	LED state	Note
Debug	.D.	ON	3 second window to enter the debugger by typing ^B, or in debugger
Set up	8.	OFF	Initialization and set up in C
Self-test a	1.	OFF	IOP registers self-test
Self-test a fails	1./ E	ON	IOP registers self-test failed (alternates 3 times)
Self-test b	2.	OFF	BIC self-test
Self-test b fails	2./ E	ON	BIC self-test failed (alternates 3 times)
Self-test c	3.	OFF	SCSI self-test
Self-test c failed	3./ E	ON	SCSI self-test failed (alternates 3 times)
Self-test e	5.	OFF	Security cartridge self-test
Self-test 3 fails	5./ E	ON	Security cartridge self-test failed (alternates 3 times)
Self-test f	6.	OFF	Duart self-test
Self-test f fails	6./ E	ON	Duart self-test failed (alternates 3 times)

Table 8: Operational states

Event	Hex code	LED state	Note
Ping	.9 / 9.	ON	IOP hunt cp/IOP test in progress
Disabled	.A / A.	ON	Operational and disabled, or waiting to hunt
Enabled	.A / A.	OFF	Operational and enabled
Maintenance message	.B / B.	OFF	Maintenance message sent (persists for about 1 second)
SCSI interrupt message	.F / F.	OFF	SCSI interrupt message sent (persists for about 1 second)
Debugger enabled	.D / D.	OFF	Operational, enabled and duart polled for ^B to enter
Debugger disabled	.D / D.	ON	Operational, disabled and duart polled for ^B to enter.
Debugger active	D	ON	In debugger
Error enabled	.E / E.	OFF	Soft reset occurred, enabled
Error disabled	.E / E.	ON	Soft reset occurred, disabled
Reset	.E.	ON	Hard reset initiated

Call Processor (CP) card displays

The NT6D66 Call Processor (CP) card in the Options 51C, 61C, 81, and 81C utilizes plain text messages as well as Hex for system maintenance, status, and errors. Table lists the different LCD messages that appear on the CP card faceplate. The standard Hex messages also appear on this LCD display.

: NT6D66 CP card displays

Display output	Meaning
pack is AP: IDLE	Checking to determine if the system can be Split.
Type CTRL-B to run CP-BUG debugger	Option 81 start-up. Output to CP port prior to loading the operating system.
In CP-BUG	The debug program was entered.
Exit CP-BUG	The debug program is being exited.
BOOT ERROR: RPT. Init	System failed to initialize correctly
SIOx No Drv	No device driver associated with CP serial port x.
SIOx Created	CP serial port x already exists
SIOx Init Fail	CP serial port x failed to initialize the device specific database.

ITG card displays

The ITG Line 2.0 card faceplate four character display provides feedback to the craftperson on the diagnostic status of the card during power-up and on its operational state when in service. Table 9 gives a list of the Hex messages.

Table 9
ITG faceplate maintenance display codes

Hex Display code	Message
T:00	Initialization
T:01	Testing Internal RAM
T:02	Testing ALU
T:03	Testing address mode
T:04	Testing Boot ROM
T:05	Testing timers
T:06	Testing watchdog
T:07	Testing external RAM
T:08	Testing Host DPRAM
T:09	Testing DS30 DPRAM
T:10	Testing Security Device
T:11	Testing Flash memory

Table 9
ITG faceplate maintenance display codes

Hex Display code	Message
T:12	Programming PCI FPGA
T:13	Programming DS30 FPGA
T:14	Programming CEMUX FPGA
T:15	Programming DSP FPGA
T:16	Testing CEMUX interface
T:17	Testing EEPROM
T:18	Booting processor, waiting for response with self-test information
T:19	Waiting for application start-up messages from processor.
T:20	CardLAN enabled, transmitting bootp requests. If this display persists, then the ITG 2.0 card is running in BIOS ROM mode due to card software failure.
T:21	CardLAN operational, A07 enabled , display now under host control. Card is loking for an active leader by sending bootp requests on the management LAN. If no bootp response is received on the management LAN, Leader 0 times out first and starts active leader tasks. Leader1 has a longer time out and normally starts backup leader, otherwise Leader 1 times out and starts active leader tasks. A follower card send bootp requests on the management LAN continuously and never times out. Enter “+++” to escape from bootp request mode and start ITG shell.
T:22	The ITG Line 2.0 card is attempting to start the application.
LDR	Card is running active leader tasks.
BLDR	Card has detected existing active leader, and is running backup leader tasks.
FLR	Card has detected the active leader, and is running Follower tasks.

HWI: Hardware Infrastructure Maintenance

These messages indicate errors within the hardware infrastructure. These maintenance messages relate to:

- Control Processor (CP) or Changeover and Memory Block (CMB)
- Switch Over (SWO)
- Network Control Bus (NCB)
- Connectors (CON)

The message output format is: Fields x, y, z

Where: x = side, y = card and z = port

HWI messages

HWI0001 x	HI Init: Cold start begins on side x.
HWI0002 x	HI Init: Warm start begins on side x.
HWI0003 x	HI Init: Graceful switchover start continues on side x.
HWI0004 x y	HI Init: Phase x (y) begins.
HWI0005 x y	HI Init: Cold start complete on side x, in y seconds.
HWI0006 x y	HI Init: Warm start complete on side x, in y seconds.
HWI0007 x y	HI Init: Switchover start complete on side x, in y seconds.
HWI0008 x	HI FS: Created data directory x.

HWI0009 x	HI FS: Saving data to directory x.
HWI0010 x	HI Init: Forced switchover start begin on side x.
HWI0013 x	NCB x y: Unmasking x interrupt.
HWI0065	SUTL: can not MASK int x: PLX chip not configured. **Action:** Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After reinsertion is detected, SUTL H/W should be accessible.
HWI0101 x	CON x y: Connected to x.
HWI0102 x	CON x y: Disconnected from x.
HWI0103	CON x y: Connected device is unknown.
HWI0104	CON x y: Disconnected device is unknown.
HWI0105	CON x y: Connect event. Identification starts.
HWI0106 x	CON x y: Connect event. Creating x.
HWI0107 x y	CON x y: State transition from x to y.
HWI0108 x	CON x y: Created x.
HWI0109 x	CON x y: Simulating Disconnect-Connect for x.
HWI0110 x	CON x y: x deleted.
HWI0111 x	CON x y: Connect event. Notifying x.
HWI0112 x	CON x y: Disconnect event. Notifying x.
HWI0113 x	CON x y: Specification of new device x.
HWI0114 x y z	CON x y: x destroyed. Affected objects: y z.
HWI0115 x	CON x y: x destroyed.
HWI0116 x	CON x y: Successful probe of x.
HWI0117 x	CON x y: Failed to probe x.
HWI0118 x y	CON x y: Unconfigured x connected to y.

	Action: Verify that the hardware is installed.
HWI0119 x	CON x y: Unknown device connected to x. **Action:** Check card ID for board on core shelf or 3PE switch settings.
HWI0201 x	NCB x y: Enabling 3PE to support x.
HWI0202 x	NCB x y: Failed to enable 3PE on group x. **Action:** Check that 3PE has correct switch settings. Check both connector ends on the CNI to 3PE. Be sure the 3PE Enable/Disable switch is Enabled (up).
HWI0203 y	NCB x y: Disabling 3PE on group y.
HWI0204 x	NCB x y: Failed to disable 3PE on group x. **Action:** Check that 3PE has correct switch settings. Check both connector ends on the CNI to 3PE. Be sure the 3PE Enable/Disable switch is Enabled (up).
HWI0205	NCB x y: OOS testing 3PE.
HWI0206 x	NCB x y: No response from 3PE on group x. **Action:** Check that the CPU Norm/Maint switch is in Maint (down). Check both connector ends of the CNI to 3PE cable. Be sure the 3PE Enable/Disable switch is Enabled (up), and the 3PE switch settings are correct.
HWI0207	NCB x y: Unable to control 3PE state.
HWI0208	NCB x y: Failed OOS test.
HWI0209	NCB x y: Cannot read 3PE state.
HWI0210 x y	NCB x y: Failed to service interrupt x. Number of ISR serviced: n.
HWI0211 x y	Resuming service of interrupt x. Number of ISR service failures: n.
HWI0212 x y	NCB = masking interrupt. **Action:** Refer to STAT CNI in LD135 for recovery actions.
HWI0214	NCB x y: Unmasking all interrupts.
HWI0215 x y	NCB x y: Failed to unmask x, line d interrupt.
HWI0216 x	NCB x y: I/O interrupts from group x disabled. **Action:** Remove all unconfigured I/O cards from the group. Reseat or replace the packs. Reseat or replace the corresponding CNI board.

HWI0217 x y — NCB x y: x interrupts from group y disabled.

Action: Reseat or replace card(s) for the group, and corresponding CNI card.

HWI0218 x y z, a b c — NCB x y: CNI to 3PE connection mismatch. Expected: x to 3PE y z . Detected: a to 3PE b c .

Action: Check connection and 3PE DIP switch setting.

HWI0219 y z — NCB x y: masking interrupt "y" failed to detect source of this interrupt z times.

HWI0301 — CP: CP to CP cable (top) is faulty or has been removed.

Action: Check both connector ends of the cable.

HWI0302 — CP: CP remote power failed. Check CEPS on the other core shelf.

Action: Be sure both ends of the CP to CP cable are connected

HWI0303 — CP remote power restored.

HWI0304 — CP to CP cable (top) installed.

HWI0305 — Number of SIMMs found is less than configured in the database.

Action: Reseat SIMM on CP card.

HWI0306 x y — SIMM x y: memory fault will impact real time capacity.

Action: The faulty CP card may need to be replaced.

HWI0320 x — SIMM x y: From side x this SIMM appears without base address.

HWI0321 x — SIMM x y: From side x this SIMM appears without size attributes.

HWI0322 n — SIMM x y: From side x this SIMM appears with unknown size: n.

HWI0323 y z — SIMM x: Total DRAM on side 0 : y Megabytes side 1: z megabytes. Memory mismatch may affect switch over decision.

HWI0324 x y z — SIMM x: Total equipped DRAM on CP x : y Megabytes . Specified amount of DRAM: z. Check SIMMs on CP side x.

HWI0325 n x — SIMM x: SIMMs on Core side n: x x x x x x . Where: x = SIMM size

HWI0326 x — SIMM x: The SIMMs on Core side x are not accessible.

Action: Check the connector ends of the CP to CP cable.

HWI0401 — SWO%d: Switchover denied. System is in maintenance mode.

	Action: Ensure both CP Maint/Norm switches are in Norm mode (up).
HWI0402	SWO x: Switchover denied. Redundancy not available. **Action:** Check both connector ends of the CP to CP cable.
HWI0403	SWO x: Switchover attempt unsuccessful.
HWI0404	SWO x: Switchover denied. Other side deemed not better.
HWI0405	SWO x: Switchover denied. Critical resource is locked.
HWI0406	SWO x: Failure occurred attempting to suspend SL-1 task.
HWI0407	SWO x: Failure occurred attempting to resume SL-1 task.
HWI0408	SWO x: Attempted to switchover when memory not synchronized.
HWI0409 x y	SWO x: Switch back to side x failed. Will un-suspend SL-1 on side y.
HWI0412	SWO %s: Switchover requested, other side deemed better. (%d will be replaced with Core Shelf number. **Action:** No action to be taken by craftsperson.
HWI0500	CP: Remote ready deasserted.
HWI0501	CP: Remote ready asserted.
HWI0502	CP: Remote power bit deasserted.
HWI0503	CP: Secondary CP not accessible. **Action:** Check the CP to CP cable.
HWI0504	CP: Cable time out.
HWI0505	CP: Primary parameter error.
HWI0506	CP: Secondary parameter error.
HWI0507	CP: Write without unlock.
HWI0525	CP: Spurious interrupt.
HWI0526	CP: RSC = 0 x%08x (Task level)
HWI0527	CP: RSC = 0 x%08x (Interrupt level)

HWI0528	CP: Standby CP asserts READY. Begin Shadowing.
HWI0529	CP: Primary CP cannot access secondary CP. **Action:** Check the cable.
HWI0530	CP: System split by Maint/Norm switches.
HWI0531	CP: MAINT/MAINT to MAINT/NORM does not shadow.
HWI0532	CP: Memory synchronization failed.
HWI0533	CP: Memory synchronization completed.
HWI0534 x	CP: Memory synchronization begun. CP x is master.
HWI0535 x y	CP: Fatal error occurred on CP x. Processing will continue on CP y.
HWI0536	CMB 0: Flash ROM mismatch -- staying in Single mode. Both sides must have the same released installed.
HWI0601	SUTL: Main Card just went *In Service*, no OOS reasons exist; interrupts should be UNMASKED
HWI0602	SUTL: All OOS rsns cleared due to Craftsperson ENL. SUTL interrupts are also UNMASKED
HWI0603	SUTL: EXCESS FP_SWITCH_CHGS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring
HWI0604	SUTL: EXCESS FP_SWITCH_SPUR_INTS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring
HWI0605	SUTL: EXCESS ADDR_ERR_INT OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring
HWI0606	SUTL: EXCESS NULL_ISR_PTR OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring
HWI0607	SUTL: EXCESS UNKNOWN_INT OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring
HWI0608	SUTL: NOT_SW_CONFIGURED OOS reason cleared. SUTL Main card is now configured for that slot.
HWI0609	SUTL: NO_HW_ACCESS OOS reason cleared. SUTL H/W should now be accessible

HWI0610 SUTL: IN_TEST_MODE OOS reason cleared

HWI0611 SUTL: FP_SWITCH_DOWN OOS reason cleared. SUTL Faceplate Switch has been flipped UP

HWI0612 SUTL: CANT_READ_CARDID OOS reason cleared. SUTL Card ID PROM has been read successfully

HWI0613 SUTL: BAD_HW_REGISTER OOS reason cleared

HWI0614 SUTL: NO_PCI_INT_REGISTERED OOS reason cleared

HWI0615 SUTL: Can’t clear OOS reasons; NO_PCI_INT_REGISTERED

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible and the PCI interrupt should be registered.

HWI0616 SUTL: Couldn’t start sutlFpBackGrnd task

HWI0617 SUTL: Main Card just went *Out-Of-Service*

HWI0618 SUTL: Craftsperson DIS OOS reason set. SUTL interrupts are MASKED out

HWI0619 SUTL: EXCESS FP_SWITCH_CHGS OOS reason set. SUTL went OOS since there were too many switch changes in a given period. If the switch is not faulty, the OOS reason will be cleared automatically by HI Fault Monitoring.

HWI0620 SUTL: EXCESS FP_SWITCH_SPUR_INTS OOS reason set. SUTL went OOS since there were too many switch changes in a given period. If the switch is not faulty, the OOS reason will be cleared automatically by HI Fault Monitoring.

HWI0621 SUTL: EXCESS NULL_ISR_PTR OOS reason set. OOS reason set automatically by HI Fault Monitoring

HWI0622 SUTL: EXCESS ADDR_ERR_INT OOS reason set. OOS reason set automatically by HI Fault Monitoring

HWI0623 SUTL: EXCESS UNKNOWN_INT OOS reason set. OOS reason set automatically by HI Fault Monitoring

HWI0624 SUTL: NOT_SW_CONFIGURED OOS reason set. SUTL Main card is now configured for that slot.

HWI0625 SUTL: NO_HW_ACCESS OOS reason set

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0626 SUTL: IN_TEST_MODE OOS reason set

HWI0627 SUTL: FP_SWITCH_DOWN OOS reason set

HWI0628 SUTL: CANT_READ_CARDID OOS reason set

HWI0629 SUTL: BAD_HW_REGISTER OOS reason set

HWI0630 SUTL: NO_PCI_INT_REGISTERED OOS reason set. SUTL H/W is not accessible.

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0631 SUTL: Can’t decode interrupt; PLX chip not configured

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0632 SUTL: Can’t get protDataPtr; can’t call ISR: objId=x

HWI0633 SUTL: Can’t determine if int x is active: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0634 SUTL: Can’t get mask status of int x: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0635 SUTL: Can’t process int x: funcPtr = NULL

HWI0636 SUTL: Can’t get unprotDataPtr (FpSwitchIsr): objId=x

HWI0637 SUTL: Can’t get fpSwitchPos: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0638 SUTL: Can’t clear FP_SWITCH Int: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0639 SUTL: Can’t create sutlFpBackGrnd task

HWI0640 SUTL: Can’t stop sutlFpBackGrnd task: JobId = x

HWI0641 SUTL: Can’t clear ADDERR_INT Int: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0642 SUTL: Can’t UNMASK int x: PLX chip not configured

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0643 SUTL: Can’t UNMASK EpldToPlxInt: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING SUTL will not generate any interrupts.

Action: Attempt to to dis/enl the SUTL in ovl135. If that doesn’t work, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, the problem should have been corrected.

HWI0644 SUTL: Can’t UNMASK int x: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0645 SUTL: Can’t MASK int x: PLX chip not configured

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0646 SUTL: Can’t MASK EpldToPlxInt: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0647 SUTL: Can’t MASK int x: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0648 SUTL: Can’t get sutlBaseAddr: objName = %s, objId = x

Action: Try warm starting system. May need to cold start

HWI0649 SUTL: Can’t get plxBaseAddr: objName = %s, objId = x

Action: Try warm starting system. May need to cold start

HWI0650 SUTL: Can’t open windows: plxBase = x, cardBase = x

Action: Try warm starting system. May need to cold start

HWI0651 SUTL: Can’t reg SUTL ISR; no upstrmId. sutlId = x

Action: Try warm starting system. May need to cold start

HWI0652 SUTL: Can’t reg SUTL ISR; Slot x not configd AND noAccess

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg,then reinsert the card into slot 15. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0653 SUTL: Can’t reg SUTL ISR; Slot x configd BUT noAccess

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0654 SUTL: Can’t reg SUTL ISR; Slot x Access OK BUT notConfigd. SUTL is probably in the wrong slot. Make sure it is in slot 15.

HWI0655 SUTL: sutlBackGrndTest invoked

HWI0656 SUTL: Can’t determine if SUTL is in the slot: slotName, x

HWI0657 SUTL: Can’t chg faceplate LED to green: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0658 SUTL: Can’t chg faceplate LED to red: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0659 SUTL: Can’t store cardID in unprot struct

HWI0660 SUTL: Can’t mask/clear FP_SWITCH int: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0661 SUTL: Can’t mask/clear ADDR_ERR int: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0662 SUTL: Can’t mask/clear PLX int: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0663 SUTL: Can’t clear PLX Int: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0664 SUTL: Can’t unmask Main card ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI0102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0665 SUTL: Can’t unmask FP_SWITCH int: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0666 SUTL: Can’t unmask ADDR_ERR int: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0667 SUTL: Can’t unmask PLX int: can’t access H/W. SUTL will not be able to generate any Interrupts.

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0668 SUTL: Can’t mask Main card ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0669 SUTL: Can’t chg faceplate LED to green: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0670 SUTL: WRONG slot (x): SUTL can only be in slot 15

Action: Be sure to insert the SUTL Main card in slot 15. Also, ensure the SUTL Transition card is connected on the rear of the backplane directly behind the SUTL Main card (slot 15).

HWI0671 SUTL: Can’t perform FpBackGrnd task: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0672 SUTL: PLX chip not configured; SideID default = 0 SUTL H/W is not accessible.

Action: Remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0673 SUTL: BOTH side IDs set to: x. Check DIP Switch setting. Unprotected memory of the real HI objects on the ACTIVE side have been overwritten with data from the STANDBY side.This can occur when both sides appear to have the same side ID.

Action: First, check to see if the SUTL H/W on both sides is accessible. Do this by performing the "test sutl" & "stat sutl" commands in OVL 135. If a SUTL card is not accessible, try removing the card, wait for the system to detect the removal, then reinsert the card. If both SUTL are accessible, the DIP switches on the SUTL Transition cards are probably both the same. One needs to be set to "0", the other to "1". After taking the action described above, the switch will most likely need to be initialized to clear up unprotected memory.

HWI0676 STRN: Transition Card just went *In Service*. No OOS reasons exist; interrupts should be UNMASKED

HWI0677 STRN: All OOS rsns cleared due to Craftsperson ENL. STRN interrupts are also UNMASKED

HWI0678 STRN: EXCESS CONNECTOR_CHGS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0679 STRN: EXCESS SPUR CONNECTOR INTS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0680 STRN: NOT_SW_CONFIGURED OOS reason cleared

HWI0681 STRN: NO_HW_ACCESS OOS reason cleared. STRN H/W should now be accessible

HWI0682 STRN: IN_TEST_MODE OOS reason cleared

HWI0683 STRN: PACK_REMOVED OOS reason cleared. Transition Card has been reinserted into the backplane

HWI0684 STRN: CANT_READ_CARDID OOS reason cleared. STRN Card ID PROM has been read successfully

HWI0685 STRN: Can’t clr children’s OOS rsn: can’t get protDataPtr

HWI0686 STRN: Transition Card just went *Out-Of-Service*

HWI0687 STRN: Can’t set children’s OOS rsn: can’t get protDataPtr

HWI0688 STRN: Craftsperson DIS OOS reason set. STRN interrupts are MASKED out

HWI0689 STRN: EXCESS CONNECTOR_CHGS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if SUTL Transition Card is connected solidly to the rear of the backplane. If condition persists, may be bad card or connector

HWI0690 STRN: EXCESS SPUR CONNECTOR INTS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if SUTL Transition Card is connected solidly to the rear of the backplane. If condition persists, may be bad card or connector.

HWI0691 STRN: NOT_SW_CONFIGURED OOS reason set

HWI0692 STRN: NO_HW_ACCESS OOS reason set

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0693 STRN: IN_TEST_MODE OOS reason set

HWI0694 STRN: PACK_REMOVED OOS reason set. Transition card was removed from the backplane

HWI0695 STRN: CANT_READ_CARDID OOS reason set

HWI0696 STRN: Can’t get unprotDataPtr (connectorIsr): objId=x

HWI0697 STRN: Can’t MASK int x: can’t get upstreamId

HWI0698 STRN: Can’t start strnConnBkGrnd task: JobId = x

HWI0699 STRN: Can’t clear TRAN_INT: drvRet = x Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0700 STRN: Can’t get unprotDataPtr (strnConnBkGrnd): objId=x

HWI0701 STRN: Can’t stop strnConnBkGrnd task; JobId = x

HWI0702 STRN: Can’t get currentCardPos: drvRet = x Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0703 STRN: Can’t UNMASK int x: can’t get upstreamId

HWI0704 STRN: Can’t register TRAN_INT with SUTL

HWI0705 STRN: Can’t create strnConnBkGrnd task

HWI0706 STRN: Can’t get TRAN_INT MASK status: drvRet = x Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0707 STRN: Can’t store cardID in unprot struct

HWI0708 STRN: Can’t mask Trans card ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0709 STRN: Can’t mask/clear TRAN_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0710 STRN: Can’t unmask Trans card ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0711 STRN: Can’t unmask TRAN_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0712 STRN: Can’t perform ConnBkGrnd task: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0721 DISP: Display Panel just went *In Service* no OOS reasons exist; interrupts should be UNMASKED.

HWI0722 DISP: All OOS rsns cleared due to Craftsperson ENL. DISP interrupts are also UNMASKED

HWI0723 DISP: EXCESS CBL_CHGS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0724 DISP: EXCESS SPUR CABLE INTS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0725 DISP: NOT_SW_CONFIGURED OOS reason cleared

HWI0726 DISP: NO_HW_ACCESS OOS reason cleared.DISP H/W should now be accessible

HWI0727 DISP: IN_TEST_MODE OOS reason cleared

HWI0728 DISP: CABLE_MISSING OOS reason cleared

HWI0729 DISP: BAD_LCD OOS reason cleared

HWI0730 DISP: CANT_READ_CARDID OOS reason cleared. DISP Card ID PROM has been read successfully

HWI0731 DISP: Can’t start dispLedBkGrnd task: Can’t get unprotDataPtr: objId = x

HWI0732 DISP: Can’t start dispLedBkGrnd task: JobId = x

HWI0733 DISP: Can’t chg Panel STATUS LED to green: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0734 DISP: Can’t chg Panel STATUS LED to red: drvRet = x Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0735 DISP: Display Panel just went *Out-Of-Service*

HWI0736 DISP: Craftsperson DIS OOS reason set. DISP interrupts are MASKED out

HWI0737 DISP: EXCESS CBL_CHGS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if DISP cable(s) are connected solidly from theDisplay Panel to the back of the SUTL Transition card.If condition persists, may be bad cable or connector.

HWI0738 DISP: EXCESS SPUR CABLE INTS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if DISP cable(s) are connected solidly from theDisplay Panel to the back of the SUTL Transition card.If condition persists, may be bad cable or connector.

HWI0739 DISP: NOT_SW_CONFIGURED OOS reason set

HWI0740 DISP: NO_HW_ACCESS OOS reason set

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0741 DISP: IN_TEST_MODE OOS reason set

HWI0742 DISP: CABLE_MISSING OOS reason set

HWI0743 DISP: BAD_LCD OOS reason set

HWI0744 DISP: CANT_READ_CARDID OOS reason set

HWI0745 DISP: Can’t clear DSPL_CBL_INT: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0746 DISP: Can’t MASK int x: can’t get upstreamId

HWI0747 DISP: Can’t UNMASK int x: can’t get upstreamId

HWI0748 DISP: Can’t get currentCablePos: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0749 DISP: Can’t stop dispLedBkGrnd task; JobId = x

HWI0750 DISP: Can’t create dispLedBkGrnd task

HWI0751 DISP: Can’t register DSPL_CBL_INT with STRN

HWI0752 DISP: Can’t get DSPL_CBL_INT MASK status: drvRet = x Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0753 DISP: Can’t store cardID in unprot struct

HWI0754 DISP: Can’t mask Disp Pnl ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0755 DISP: Can’t chg Pnl STATUS LED to green: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0756 DISP: ChgDisplay called with CP slot num (x):illegal

HWI0757 DISP: Can’t unmask DISP ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0758 DISP: Can’t unmask DSPL_CBL_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0759 DISP: Can’t mask/clear DSPL_CBL_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible

HWI0760 DISP: Can’t perform LedBkGrnd task: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0761 DISP: Can’t chg LED stat for slot x: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0762 DISP: Can’t get classID; can’t chg LEDs for slot x

HWI0763 DISP: Can’t chg CP LED stat: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0764 DISP: Can’t reinitialize objID for LED control

HWI0766 XSMP: XSM Port just went *In Service*. No OOS reasons exist; interrupts should be UNMASKED.

HWI0767 XSMP: All OOS rsns cleared due to Craftsperson ENL. XSMP interrupts are also UNMASKED

HWI0768 XSMP: EXCESS CABLE_CHGS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0769 XSMP: EXCESS SPUR CABLE INTS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0770 XSMP: EXCESS MAJOR SIGNAL CHGS OOS reason cleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0771 XSMP: EXCESS SPUR MAJOR SIGNAL CHGS OOS reasoncleared. OOS reason cleared automatically by HI Fault Monitoring

HWI0772 XSMP: NOT_SW_CONFIGURED OOS reason cleared

HWI0773 XSMP: NO_HW_ACCESS OOS reason cleared. H/W should now be accessible

HWI0774 XSMP: IN_TEST_MODE OOS reason cleared

HWI0775 XSMP: CABLE_MISSING OOS reason cleared

HWI0776 XSMP: XSM Port just went *Out-Of-Service*

HWI0777 XSMP: Craftsperson DIS OOS reason set. XSMP interrupts are MASKED out

HWI0778 XSMP: EXCESS CABLE_CHGS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if XSM cable is connected solidly from the XSM to the back of the SUTL Transition card. If condition persists, may be bad cable or connector.

HWI0779 XSMP: EXCESS SPUR CABLE_CHGS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if XSM cable is connected solidly from the XSM to the back of the SUTL Transition card. If condition persists, may be bad cable or connector.

HWI0780 XSMP: EXCESS MAJOR SIGNAL CHGS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if XSM cable is connected solidly from the XSM to the back of the SUTL Transition card. If condition persists,may be bad cable or connector.

HWI0781 XSMP: EXCESS SPUR MAJOR SIGNAL CHGS OOS reason set. OOS reason set automatically by HI Fault Monitoring

Action: Check if XSM cable is connected solidly from the XSM tothe back of the SUTL Transition card. If condition persists, may be bad cable or connector.

HWI0782 XSMP: NOT_SW_CONFIGURED OOS reason set

HWI0783 XSMP: NO_HW_ACCESS OOS reason set

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0784 XSMP: IN_TEST_MODE OOS reason set

HWI0785 XSMP: CABLE_MISSING OOS reason set

HWI0786 XSMP: Can’t clear XSM_CBL_INT: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0787 XSMP: Can’t clear MAJOR_INT: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0788 XSMP: Can’t MASK int x: can’t get upstreamId

HWI0789 XSMP: Can’t UNMASK int x: can’t get upstreamId

HWI0790 XSMP: Can’t register XSM_CBL_INT with STRN

HWI0791 XSMP: Can’t register MAJOR_INT with STRN

HWI0792 XSMP: Can’t start xsmpCblBkGrnd task: JobId = x

HWI0793 XSMP: Can’t start xsmpMajorBkGrnd task: JobId = x

HWI0794 XSMP: Can’t stop xsmpCblBkGrnd task: JobId = x

HWI0795 XSMP: Can’t stop xsmpMajorBkGrnd task: JobId = x

HWI0796 XSMP: Can’t create xsmpCblBkGrnd task

HWI0797 XSMP: Can’t create xsmpMajorBkGrnd task

HWI0798 XSMP: Can’t get unprotDataPtr (xsmpCableIsr): objId=x

HWI0799 XSMP: Can’t get unprotDataPtr (xsmpMajorLineIsr): objId=x

HWI0800 XSMP: Can’t get MajorStat: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0801 XSMP: Can’t enable SUTL-to-XSM outputs: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0802 XSMP: Can’t disable SUTL-to-XSM outputs: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0803 XSMP: Can’t set CTA signal to LOW: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0804 XSMP: Can’t set CTR signal to HIGH: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0805 XSMP: Can’t set FAIL signal to HIGH: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0806 XSMP: Can’t get MAJOR_INT MASK status: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0807 XSMP: Can’t get XSM_CBL_INT MASK status: drvRet = x. Driver level code experienced a problem: 0 = OK, 1 = PARM_BAD, 2 = REGISTER_BAD, 3 = BOARD_MISSING

HWI0808 XSMP: Can’t mask XSM Port ints: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0809 XSMP: Can’t perform MajorBkGrnd task: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0810 XSMP: Can’t perform CblBkGrnd task: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0811 XSMP: Can’t mask/clear XSM_CBL_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0812 XSMP: Can’t mask/clear MAJOR_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0813 XSMP: Can’t unmask XSMP its: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait fort he HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0814 XSMP: Can’t unmask XSM_CBL_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0815 XSMP: Can’t unmask MAJOR_INT: can’t access H/W

Action: If condition persists, remove the SUTL Main card, wait for the HWI102 "disconnect" msg, then reinsert the card. After the reinsertion is detected, SUTL H/W should be accessible.

HWI0820 SUIO: IN_TEST_MODE OOS reason set.

HWI0821 SUIO: siop2691 just went *Out-Of-Service*

HWI0822 SUIO: Craftsperson DIS OOS reason set.

HWI0823 SUIO: siop2691 just went *In Service*.

HWI0824 SUIO: NO_HW_ACCESS OOS reason cleared.

HWI0825 SUIO: HI_OOSR_BAD_PORT OOS reason cleared.

HWI0826 SUIO: HI_OOSR_BAD_DONGLE OOS reason cleared.

HWI0827 SUIO: NOT_SW_CONFIGURED OOS reason cleared.

HWI0828 SUIO: IN_TEST_MODE OOS reason cleared.

HWI0829 SUIO: All OOS rsns cleared due to Craftsperson ENL.

HWI0830	SUIO: Can’t config serial port.
HWI0831	SUIO: SUTL CARD PLX chip is NOT CONFIG’D.
HWI0832	SUIO: NO_HW_ACCESS OOS reason set.
HWI0833	SUIO: HI_OOSR_BAD_PORT OOS reason set.
HWI0834	SUIO: HI_OOSR_BAD_DONGLE OOS reason set.
HWI0835	SUIO: NOT_SW_CONFIGURED OOS reason set.
HWI0850	IPB: objid = 0x%x. The given object failed o register its ISR with PCI vector table.
HWI0851	IPB failed to attach ISRs in CP’s vector table for the given IRQ.
HWI0852	IPB could not service interupts for the given IRQ number.
HWI0853	IPB found invalid IRQ number in given slot.
HWI0854	IPB: Could not service ISRs due to invalid IRQ number.
HWI0855	IPB module failed to remove ISR of given object from its table.
HWI0922	IPB: The given slot x is not within IPB’s slot boundary.
HWI0923	IPB: Failed to program the pci Router due to invalid IRQ number x.
HWI0925	BIC: bicCardAsciiGet - Failed to get CardId for the given slot.
HWI0926	BIC: bicGeoSideGet returns invalid side info. Side is defaulted to 1.

HWR: Hardware Reset

The following messages indicate command errors that are related to system reloads on Option 11 systems.

HWR messages

HWR0000	Hardware reset (LED flashes).
HWR0001	Programming failed. Card is defective, or software cartridge is not seated properly.
HWR0002	64180 RAM failed.
HWR0003	Page 2 download error.
HWR0004	Invalid interrupt occurred.
HWR0005	Self-test failed.
HWR0006	VLSI initialization failure
HWR0007	Indicates that the software and the System Core for pre-Option 11C, or Small System Controller for Option 11C, have been reset.
HWR0008	DSP memory test failure.
HWR0010	Test channel request failure (already in use).
HWR0011	SDI port message out of sequence.
HWR0012	SDI Port output overflow.
HWR0013	SDI Port in invalid state.
HWR0014	SDI Port message from invalid port number.

HWR0015	SDI Port output timeout.
HWR0016	SDI Port message queue write failure.
HWR0017	SDI Port output message queue write failure.
HWR0018	SDI Port output buffer write failure.
HWR0019	SDI Port output message queue read failure.
HWR0020	Flash conversion to 2 Meg. (requested).
HWR0021	Flash conversion to 2 Meg. (automatic).
HWR0030	Interrupt to task communication error.
HWR0040	Pack reset due to tack errors.
HWR0041	Operating system reset due to task errors.
HWR0042	Suspended task restarted.
HWR0043	Suspended task resumed.
HWR0044	Task time-out.
HWR0100	Real time clock failure. **Action:** Replace the SSC card by following the steps in the Hardware replacement guide.
HWR0101	DRAM failure **Action:** Use STAT MEM in LD 135 to check the memory. Replace SSC card by following the steps in the Hardware replacement guide.
HWR0102	SRAM failure. **Action:** Replace the SSC card by following the steps in the Hardware replacement guide.
HWR0103	Auxiliary CPU (68020) failure. **Action:** Replace the SSC card by following the steps in the Hardware replacement guide.
HWR0104	Conference Circuit failure. **Action:** Replace the SSC card by following the steps in the Hardware replacement guide.

HWR0105 Speechpath network failure.

Action: Replace the SSC card by following the steps in the Hardware replacement guide.

ICU: Intercept Computer Update (LD 51)

ICU messages

ICU0001	Invalid command.
ICU0002	Too many characters.
ICU0003	Invalid number of parameters.
ICU0004	Customer number does not exist.
ICU0005	ICP, APL, ACD_BAS, MW, SUPP, FTC, or FFC package missing.
ICU0006	Invalid input.
ICU0007	ICP does not exist for this customer.
ICU0008	No customer to update.

IGS: Intergroup Switch and System Clock Generator

IGS messages

IGS0501 c Requested clock c card failed to respond.

IGS0502 c Requested clock c card failed self test.

IGS0503 c s loop Phase locked on primary source loop, DTI shelf s, and the Clock controller c is active.

IGS0504 c s loop Phase locked on secondary source loop, DTI shelf s, and the Clock controller c is active.

IGS0505 c s loop Unable to track on primary source loop, DTI shelf s and the Clock Controller c is active.

IGS0506 c s loop Unable to track on secondary source loop, DTI shelf s, and the Clock controller c is active. Free running.

INI: Initialize

The initialization program (INI) is a resident program used to build the unprotected data blocks in Meridian SL-1 software. An occurrence of an initialization is indicated by INI messages.

When initialization is invoked

The initialize program can be invoked:

- after a Sysload is complete
- when the manual initialize button is pressed on the Miscellaneous (MISC) or Interface (IF) card of the active CPU
- when a software or firmware fault is detected
- when a hardware fault in CE equipment is detected

When to suspect a hardware fault

Automatic initializations can be caused by either hardware or software failures. A hardware fault can be suspected when:

- the initialization outputs a message in the ranges INI002 to INI005 and/or INI007 to INI012
- initializations occur frequently on one CPU but not on the other. An INI013 message may appear specifying which CPU experiences frequent initializations. An intermittent fault can exist on the affected CPU, even though the CPU may pass a manually requested CPU test. Other possible causes of apparent CPU problems are listed with the appropriate fault codes in the following tables.
- the maintenance display indicates a fault.

INI messages **(continued on page 640)**

INI000 fc hh mm ss pg pc fp fa (x y) hex

An initialization has taken place. The additional fields associated with this message are described below.

fc = fault code identifying the cause of the initialization. See “FAULT CODES” on page 635.

hh = the hour of initialization

mm = the minute of initialization

ss = the second of initialization

pg = the program page at the time of trap (in hexadecimal)

pc = the program counter (in hexadecimal)

fp = the fault page (in hexadecimal)

fa = the fault address (when the fault page is on page 3). See “Page 3 fault addresses” on page 639.

x = the active CPU, if it is known. If it is not known, a question mark (?) is output. This field only occurs for dual CPU systems.

y = the active Clock Controller (SL-1 XT only)

hex = the contents of the maintenance display (see HEX for interpretation)

The INI000 message is followed by DSET000 message.

FAULT CODES

0000 Normal initialize after SYSLOAD. This code may also appear if a fault occurs in memory 0. In this case, the maintenance display should be 10 with no SYSLOAD message before the initialize. An INI004 message may follow.

0001 Manual initialize by attendant. If this code appears but no attendant has operated the manual initialize key, check whether any attendant console is equipped with an initialize key. If not, probable software or data error: check data for each console. If some consoles have an initialize key, possible fault in:

1. Attendant console. Use LD 31 to check each console having an INI key.
2. Signaling path to an attendant console. Use TEST command of LD 45 to check signaling.

0002 Manual initialize from the Miscellaneous (MISC) or Interface (IF) pack. If this code appears but the button on the MISC pack was not pressed, probable fault on MISC pack associated with the active CPU. The manual initialize button will also re-enable, if possible, all disabled items.

0003 PE signaling fault. INI003 message will follow to identify the Peripheral Signaling card at fault.

0004 Real-time clock (RTC) has failed (in a system having two CPUs). Probable fault in pack providing clock (i.e., Peripheral Signaling pack or Control, Interface and Memory pack) or Miscellaneous pack associated with active CPU.

0005 A CPU changeover has taken place due to a failure of the then-active CPU. The faulty CPU should be identified by a subsequent INI005 message. A fault may exist on:

1. Miscellaneous pack
2. QPC424 CPU pack or daughter board ROM (especially if maintenance display shows 02)
3. Function (FN), Interface (IF) or Control and Timing pack
4. CIM pack (especially for maintenance display codes 088 and 08D)
5. CMA pack

0006 Overload detected from a particular loop. Loop will be disabled. OVD diagnostic message should follow. If an OVD message identifying a faulty PE pack appeared before the initialize, remove that pack before reenabling the loop.

0007 Overload detected from a peripheral signaling pack. Offending Peripheral Signaling pack will be disabled. OVD diagnostic message should follow.

0008 Invalid operation code (opcode). Inform operating company.

0009 Invalid interrupt. Inform operating company.

000A Attempt to write store using nil pointer. Software error.

000B	Main stack underflow. Software error.
000C	Broken queue. Software error.
000D	Response timeout in data store 0. System should reload. Replace data store 0.
000E	Trying to idle Call Register with active auxiliary Call Registers still linked to it. Inform operating company.
000F	Service change. Data store exceeded. Should be preceded by a warning message, “Equip more data store”.
0010	Conversions complete.
0011	Triggered by software verification program (used by operating company only). If an investigation by the operating company is not currently active, then inform the operating company.
0012	Caused by Common Equipment Diagnostic (CED) trying to rebuild unprotected data store.
0013	All extenders disabled.
0014	Firmware fault. CPU clock unmasked. Same as for 0011.
0015	Firmware fault. RTC interrupt on level 7 unmasked. Same as for 0011.
0017	More than 5 NT8D04 Network or Network/DTR packs need software download recovery during the auto-recovery or midnight audit. Where: xxxx = cause of the initialization
0018	More than 5 NT8D01 Peripheral Controllers need software download recovery during the auto-recovery or midnight audit.
0019	From Firmware: The system has initialized after recovery from battery backup. (Note: that the system clock time has slipped during the time that the system was under battery power.)
001C	There have been more than 10 occurrences of auto-recoveries to avert INI000 000C problems since the last system initialization. INI000 001C was triggered to perform system cleanup following midnight routines. **Action**: Report the problem to your support engineer for further analysis.
001D	An invalid pointer is found during queue processing. **Action**: Report the problem to your support engineer for further analysis.
0100	Trap data blocks are not valid. No action.
0200	SYSLOAD was caused by response timeout of data store.
0400	Power-on reset. Power-up, manual reload.

0800 Software trap. No action.

1000 Memory parity error. Determine fault page (field 7 of INI000 message). Suspect a faulty:

1. CMA pack
2. MISC pack
3. Memory pack

2000 Watchdog timer runlet. This is sometimes a software fault, but may also indicate hardware faults as follows:

1. If an INI002 or INI003 message follows, the device(s) specified may be faulty.
2. If the maintenance display = 04, the following packs are suspect, (in addition to those listed in the Maintenance Display Code interpretations):
   - **a** CE extender packs
   - **b** Miscellaneous
   - **c** Serial Data Interface (SDI)
   - **d** Tape Interface
   - **e** Tone and Digit Switch (TDS).
3. If the maintenance display = 05, the following packs are suspect, (in addition to those listed in the Maintenance Display Code interpretations):
   - **a** Peripheral Signaling
   - **b** CE extender.
4. Affected CPU may be faulty.
5. CIM may be faulty (if equipped).
6. Also occurs if a TDS card is in slot 5 of an SL-1 ST and configured as loop 0. This in not a valid configuration.

3000 Same as code 1000.

4000 Write protection violation. An attempt was made to overwrite a protected memory location. Possible software fault. This code may also appear if the affected CPU is faulty, especially the MISC pack.

5000 Same as code 1000.

6000 Same as code 2000.

7000 Same as code 1000.

8000 Response timeout. A memory or other device failed to respond to a read-write request.

If an INI002, INI003 or INI004 message follows the indicated device(s) may be faulty. If several devices on the same shelf are indicated, the CE extender connecting the shelf to the CPU may be faulty.

	If none of the above messages appear, this code probably indicates a software fault, or: 1. CPU fault, especially Miscellaneous pack and, if equipped, Interface (IF) pack of affected CPU. 2. Peripheral Signaling pack on same bus as affected CPU. 3. CIM (if equipped). 4. Faulty ROM on CPU (QPC424 or QPC425).
9000	Same as code 1000.
A000	Same as code 8000.
B000	Same as code 1000.
C000	Same as code 8000.
D000	Same as code 1000.
E000	Same as code 8000.
F000	Same as code 1000.

Page 3 fault addresses

This table is used to interpret the fault address for page 3 faults (external devices). To obtain the address of the faulty circuit pack, the 4-digit hexadecimal codes must be converted to 4-digit binary numbers (see HEX).

Outputs not covered in this table cannot be decoded to an address. However they may indicate a Bus Fault.

0800 to 0807	CPU/Extender
1806	CMA pack
3000 to 3F7F	Serial Data Interface (SDI). Bits 4 to 7 provide card addressing.
3FC8	Tape Interface pack
8000 to A7FF	Network pack For single Network packs: Bits 7 to 13 for non-enhanced network loops Bits 11 to 13 for group. Bits 2 to 6 determine timeslots used. For dual Network packs: Bits 6 to 10 for loop Bits 11 to 13 for group. Bits 1 to 5 determine timeslots used.
C000 to D3FF	Peripheral Signaling (PS) pack Bits 13 to 15 give PS address. Bits 9 to 12 give loop address.
E000 to E8FF	Multigroup Switch (X08 and X37) or Intergroup Switch (X11). Address Bit 5 determines the odd or even switch (i.e., 0 or 1). Address Bits 9 through 11 determine the card affected.
F000 to FFFF	QPC157 Multigroup Switch (X08 and X37) or Intergroup Switch (X11). If bit 5=0, then card 0 is affected. If bit 5=1, then card 1 is affected.

INI Messages **(Continued)**

INI0001 Insufficient memory for this system. If maintenance display shows a defective memory module, refer to HEX.

Action: If maintenance display does not show a memory fault, memory size must be increased.

INI0002 xx I/O device fault, where xx is to the maintenance display code in.

INI0003 xx Network or PE signalling fault, where xx is the maintenance display code in HEX.

INI0004 xx Memory fault, where xx is the maintenance display code refer to HEX.

INI0005 000 x CPU fault, where “x” is the CPU at fault.

INI0006 xx A device has been detected which is not defined in the configuration record (LD17), where xx is the maintenance display code in HEX.

Action: The device must be removed or enabled.

INI0007 xx Intergroup Switch (IGS) pack fault, where xx is the maintenance display code in HEX.

INI0008 xx I/O faults seen from the standby CPU, where xx is the maintenance display code in HEX. This is a minor alarm.

This message only appears if the standby CPU may be used but with a degradation of network or I/O access as shown by comparing INI0002 with INI0008, INI0003 with INI0009, and INI0007 with INI0010.

INI0009 xx Network faults seen from the standby CPU, where xx is the maintenance display code (see HEX). This is a minor alarm.

This message only appears if the standby CPU may be used but with a degradation of network or I/O access as shown by comparing INI0002 with INI0008, INI0003 with INI0009, and INI0007 with INI0010.

INI0010 xx IGS or MGS faults seen from the standby CPU, where xx is the maintenance display code in HEX.

This message only appears if the standby CPU may be used but with a degradation of network or I/O access as shown by comparing INI0002 with INI0008, INI0003 with INI0009, and INI0007 with INI0010.

INI0011 xx Network shelves do not respond to clock 0 (SCG card)0, where xx is the maintenance display code in HEX. Probable fault is on SCG, IGS or interconnecting cables via Junctor.

INI0012 xx Network shelves do not respond to clock 1(SCG card 1), where xx is the maintenance display code in HEX. Probable fault is on SCG, IGS or interconnecting cables via Junctor.

INI0013 x Possible CPU fault: x is a number of CPU. Given CPU has been initialized more than 5 times since the previous running of the midnight routines.

INI0014 Extender fault or stuck I/O interrupt on the network shelf associated with the extender card. On Meridian SL-1 MS: SBE fault.

Action: If it is the stuck interrupt, the interrupt was identified which could not be disabled directly. Disabling the extender allows the Meridian 1 tp process I/O interrupts from devices not located on the network shelf in question.

INI0016 Memory access faults from the standby CPU. This is a minor alarm.

If this message appears without 00xx, the standby CPU has full access to all devices of the appropriate type but the active CPU does not.

INI0020 aaaa Page 0 has been frozen at address aaaa for software analysis, or address aaaa had been frozen for software analysis (XN CPU/Memory).

INI0021 Idle output queue was not setup.

INI0022 X08 omega diagnostic information (return address stack is output).

INI0100 0200-29F DDSL pack failed read/write response test. Fault codes 200-29F indicate the DDSL number 0-159 respectively.

For Option 81 systems, the INI0100 codes have specific meanings. These meanings are listed below.

00000021 Hardware Sanity Timeout

00000022 SWO: Failure on switchover

00000023 SWO: Too many switchovers

00000024 WARM: Disk OS Warmstart failure

00000025 WARM: Too many Disk OS Warmstarts

00000026 WARM: Disk OS not loaded

00000027 RESET: Forced SWO in process

00000028 RESET: Soft Reset in progress

00000029 TASK: Unable to create msg queue

0000002A Protected Memory checksum failure

0000002B INFO: Disk OS Warmstart begins

0000002C INFOC: DRAM is uninitialized

0000002D Restart: Cannot delete safe task

0000002E RESET: Task threshold exceeded

0000002F WARM: Exc vector threshold exceeded

00000030 WARM: Exc total threshold exceeded

00000031 WARM: Non-bus exc in interrupt

00000032 WARM: Exc handling already busy

00000033 WARM: Exc Restart Task () failed

00000034 RESET: Manual INIT requested

00000035 SEG: Checksum failure detected

00000036 SEG: Disk OS Text segment corrupt

00000037 SEG: Disk OS partitions corrupt

00000038 DISKOS: Unable to load SL-1

00000039 DISKOS: Unable to start SL-1

0000003A INSTALL: boot after installation

0000003B IOP Bus Error on active IOP

0000003C Parity Err on both sides

0000003D Parity Err in Split mode

0000003E Parity Err - remote SIMM : missing

0000003F Parity Err - remote SIMM: disabled

00000040 HI BER recommended action

00000041 HI BER TASK_RESTART for safe task

00000042 HI Warm Start not possible

00000049 OS: manual (PDT) request

0000004A OS: request to reboot (sysToMon)

0000004B OS: RST initialization failed

0000004C OS: SKD initialization failed

0000004D OS: SWD initialization failed

0000004E OS: PMEM initialization failed

0000004F OS: Security Card check failed

00000050 OS: Normal recovery from BER

00000051 OS: Unable to recover from BER

00000052 OS: Unable to run "diskos"

00000053 OS: Unable to load "diskos"

00000054 OS: VOL initialization failed

00000055 OS: SCSI initialization failed

00000056 OS: DOS initialization failed

00000057 OS: IOP initialization failed

00000058 OS: EXC initialization failed

00000059 OS: IOS initialization failed

0000005A OS: Clock initialization failed

0000005B OS: Failed during Loader run

0000005C OS: Failed to spawn Loader task

0000005D OS: kernel initialization failed

0000005E OS: diskos P seg overlaps U seg

0000005F Operating System level command to coldstart

INI0102 The mass storage interface is not responding; peripheral software downloading was not attempted.

INI0106 n The number of all registers has been reduced by n. This warning indicates that the number of call registers has been reduced since the amount of available unprotected data store is not large enough for the configured number of registers.

Action: Re-evaluate the number of call registers required. Examine use of unprotected data store.

INI0107 G S Superfluous clock(s) is found. The information on Group and Side of the superfluous clock(s) is provided.

INI0108 G S Only one clock has been found in the system in the Group G and Side S. This indicates that either there is no clock in the other side or the second installed clock has its shelf-side switch set wrong.

INI0109 No clock has been found in the system.

INI0110 Z G S	No clock has been found in side Z and superfluous clock(s) has been found in the other side. The information on Group and Side of the superfluous clock(s) is provided.
INI0111	16K of unprotected memory space cannot be allocated for INIT ACD Queue Call Restore (ACDR).
INI0112	INIT ACD Queue Call Restore (ACDR) aborted due to multiple system initializations.
INI7272	Failure to reprogram R72 counter register during initialization.
INI7273	No response or the response was too slow (software timed out to avoid INIT within INIT) from the carrier hardware during Carrier Remote Interface initialization update. If the message is output again with the same loop number, then it is an indication that there is a hardware fault in either the LCI or RCI card.

INST: Installation

INST messages

INST0000 FATAL Install cannot continue.

INST0001 The Flash Rom Cachng could not be disabled. Installation will fail.

Action: Retry the installation again. If the Flash Rom Caching could not be disabled check that the flash daughter board is on properly. Cold start the system and try again. If the problem persists, contact your technical support group.

INST0002 Unable to allocate memory. There is not enough free memory to allocate.

Action: Cold start the system and try the installation again. If the problem persists contact your technical support group.

INST0003 Unable to create a directory. The directory could not be created.

Action: Check that the drive is not full. If there is space check that the directory tree exists and is not corrupted. If the directory is corrupted, remove the corrupted directory and try the installation again. If the problem persists contact your technical support group.

INST0004 All the undo Installation files were not saved to the Software Delivery Card. Undo Installations will not be possible.

Action: Contact your technical support group.

INST0005 Either the Upgrade Information Block pointer or the Module Information Block pointer is corrupted.

Action: Quite the Install and start the install again. If the problem occurs again cold start the system and start the installation again. If the problem persists contact your technical support group.

INST0006 Unable to find any database file under dir \”%s\”.

INST0007	Fail to seek to the end of split file \”%s”\.
INST0008	Fail to append to a non-existing file \”%s\”.
INST0009	Error installing Database.
INST0010	Unable to validate Hard disk partition \”%s”\.
INST0011	Unable to process the Install control file.
INST0012	Unable to open file \”%s”\.
INST0013	Unable to access database directory \”%s\”.
INST0014	Error parsing the Install control file.
INST0015	Disk does not belong to this set of Installation diskettes.
INST0016	Can’t install database DB files cannot be obtained.
INST0017	Unable to open the file \ %s\ for pre-allocation
INST0018	Unable to pre-allocate file \ %s\
INST0019	Unable to make directory \”%s\”.
INST0020	New directory conflicts with existing file \”%s\”
INST0021	Unable to open file \”%s\” for checksum.
INST0022	Error reading file \”%s\” during checksum.
INST0023	Error reading floppy disk file \”%s\”.
INST0024	Unable to open hard disk file \”%s\” for writing.
INST0025	Unable to write to hard disk file \”%s\”.
INST0026	Software Error - Assume Quit selection.
INST0027	Error copying file \”%s\” to hard disk.
INST0028	Missing last segment of split file \”%s\”.
INST0029	Checksum of \”%s\” does not match the actual.
INST0030	Missing card-id file on IODU %d.

INST0031	New software is large than the maximum size.
INST0032	Software Error - Return Error.
INST0033	Unable to find the active \”%s\” slot.
INST0034	Unable to access the active \”%s\” card.
INST0035	Unable to get file name using DLO: \”%s\”.
INST0036	Unable to access file \”%s\”.
INST0037	Unable to open file \”%s\” for reading.
INST0038	Unable to write to hard disk, disk is full.
INST0039	Unable to copy file \”%s\”.
INST0040	Unable to close file \”%s\”.
INST0041	Unable to open directory \”%s\” for reading.
INST0042	Unable to read directory \”%s\”.
INST0043	Unable to close directory \”%s\”.
INST0044	Unable to rename file \”%s\” to \”%s\”.
INST0045	Unable to copy file from \”%s\” to \”%s\”.
INST0046	Fail to copy directory from \”%s\” to \”%s\”.
INST0047	Unable to initialize partition \”%s\”.
INST0048	Unable to find database file \”%s\”.
INST0049	Unable to access directory \”%s\”.
INST0050	No partition found, Install control file is corrupted.
INST0051	Cannot continue, System has Disk Redundancy on.
INST0052	Error in Database install, file’s size unmatched.
INST0053	Unable to find symbol for %s-ROM file.
INST0054	None of the installation disk has %s-ROM file

INST0055	Current floppy disk does not have %s-ROM file.
INST0056	Cannot contact device on SCSI bus ID %d.
INST0057	Unable to read input from keyboard, please try again.
INST0058	Invalid input string, length can not be greater than %d
INST0059	Invalid option selected, please enter another option
INST0060	Incorrect disk in drive, please insert the correct one.
INST0061	Unable to reset IOP card, slot number %d.
INST0062	Invalid date for leap year, day cannot exceed 29.
INST0063	Invalid date entered, please enter again.
INST0064	Invalid time entered, please enter again.
INST0065	Fatal, fail to partition hard disk.
INST0066	Invalid year, please enter from %d to %d.
INST0067	Unable to create a PhysDev for Hard Disk.
INST0068	Unable to create BlockDev for /u partition.
INST0069	Unable to create BlockDev for /p partition.
INST0070	Unable to create BlockDev for /id partition.
INST0071	Unable to open /u partition.
INST0072	Unable to initialize /u partition.
INST0073	Unable to open /p partition.
INST0074	Unable to initialize /np partition.
INST0075	Unable to open /id partition.
INST0076	Unable to initialize /id partition.
INST0077	System Date is not correct, please set it to the current date.
INST0078	Fail to erase file \”%s\”.

INST0079	Fail to allocate memory for internal patch structure.
INST0080	Unable to mark patches for retention.
INST0081	Same release and issue, new patches are ignored.
INST0082	MDP package is not equipped, new patches are ignored.
INST0083	Unable to obtain the Database's release and issue \"%s\".
INST0084	Unable to find symbol for flash file %s.
INST0085	File context unmatched. \"%s\": %s vs. \"%s\": %s.
INST0086	Unable to access the card at slot %d
INST0087	Target slot not in %d...%d range.
INST0088	Manual keycode insertion failed.
INST0089	Copy /p partition from other core failed.
INST0090	Unable to install software from CD-ROM to hard disk.
INST0091	Error reading CDROM file %s/%s.
INST0092	ERROR while trying to update direct.rec file.
INST0093	Security Device ERROR detected.
INST0094	Keycode format ERROR.
INST0095	Keycode validation ERROR.
INST0096	Cannot extract parameters from keycode.
INST0097	Invalid input to function instDiskPrompt.
INST0098	Error copying %s to %s.
INST0099	Could not locate \"%s\" firmware on (hard-disk/CDROM)
INST0100	Invalid parameter passed to DBMT
INST0101	Unable to determine default floppy device name
INST0102	Unable to determine floppy device name

INST0103	Unable to determine file names for transfer
INST0104	Unable to open Floppy drive
INST0105	Unable to create temporary Database file
INST0106	Unable to create temporary Config file
INST0107	Unable to transfer Database to hard disk
INST0108	Unable to append Database and Config files into one file
INST0109	Unable to rename Config file to Database file for -s option
INST0110	Unable to restore files to original state
INST0111	Unable to rename all files correctly
INST0112	Unable to read Private Sector from floppy disk
INST0113	Too many disks being used,
INST0114	Incorrect floppy disk placed in drive
INST0115	Unable to identify record type
INST0116	Unable to read sector(s) from floppy disk
INST0117	Unable to write Database file to hard disk
INST0118	Unable to write Config file to hard disk
INST0119	Incorrect Database record count. Was %d should be %d
INST0120	Incorrect Configuration record count. Was %d should be %d
INST0121	Incorrect Floppy disk placed in drive. Need A(1) disk
INST0122	Unable to write %d sector (start sector %d), to device on scsi bus ID %d
INST0123	Invalid floppy disk
INST0124	End of track 1 not found
INST0125	End of track 3 not found

INST0126	Unable to identify record type
INST0127	Keycode file is corrupted. Check Keycode file.
INST0128	Unable to seek on floppy disk
INST0129	Unable to read from floppy disk
INST0130	Unable to seek DB on hard disk
INST0131	Unable to seek Config on hard disk
INST0132	Unable to read from hard disk
INST0133	Unable to write to hard disk
INST0134	Unable to write to hard disk
INST0135	Unable to write to hard disk
INST0136	Unknown Database format
INST0137	Unable to read Private Sector from floppy disk
INST0138	Unable to read %d sector (start sector %d), from device on scsi bus ID %d
INST0139	Unable to close floppy device
INST0140	Unable to close Database file
INST0141	Unable to close Config file
INST0142	Unable to rename secondary Database file to holding file
INST0143	Unable to restore files to original state
INST0144	Unable to rename secondary Config file to holding file
INST0145	Unable to rename primary Database file to secondary file
INST0146	Unable to rename primary Config file to secondary file
INST0147	Unable to rename new Database file to primary file
INST0148	Unable to rename new Config file to primary file
INST0149	Unable to determine primary Database file name

INST0150	Unable to determine secondary Database file name
INST0151	Unable to determine holding Database file name
INST0152	Unable to determine temporary Database file name
INST0153	Unable to determine primary Config file name
INST0154	Unable to determine secondary Config file name
INST0155	Unable to determine holding Config file name
INST0156	Unable to determine temporary Config file name
INST0157	Unable to restore temporary Database file
INST0158	Unable to restore primary Database file
INST0159	Unable to restore secondary Database file
INST0160	Unable to restore temporary Config file
INST0161	Unable to restore primary Config file
INST0162	Unable to restore secondary Config file
INST0163	Unable to initialize floppy driver to 2 Mb on Core: %d
INST0164	Unable to initialize floppy driver to 4 Mb on Core: %d
INST0165	Unable to determine floppy size.
INST0166	Block device number %d on bus ID %d does not exist.
INST0167	Memory allocation problems.
INST0168	Failed to copy the new keycode on hard disk.
INST0169	Failed to replace the keycode with the new one.
INST0170	CP type, specified by keycode, mismatches the actual CP type.

IOD: Input/Output Diagnostic (LD 37)

This program is used to diagnose faults with disk units, tape units, teletypewriter (TTY) or Serial Data Interface (SDI) packs, used with modems to remote TTY. It provides enable, disable, status indication and test functions on these devices. Problems are indicated in IOD messages.

IOD messages

IOD0000 Program 37 identifier. No action.

IOD0001 Invalid command.

Action: Check data and begin again.

IOD0002 Invalid argument(s).

Action: Check data and begin again.

IOD0003 Customer nonexistent or out-of-range. Range is 0 to 31.

Action: Check data and begin again.

IOD0004 Device number is out-of-range. Range is 0 to 7 or 0 to 15.

Action: Check data and begin again.

IOD0005 Requested device is not defined in system.

Action: Check data and begin again.

IOD0006 Interface pack failed to respond. A pack fault is indicated. Device cannot be

Action: Check enable switch on pack. If pack still does not respond, a pack fault is indicated. This information is also displayed on the maintenance display. Refer to the Maintenance Display Codes Table.

IOD0007 Interface pack has a permanent interrupt. Device cannot be enabled until fault is cleared. (Minor alarm.)

IOD0009 Disabling of active input device is not allowed.

Action: Go to different TTY or use SL-1 maintenance set.

IOD0010 Device cannot be enabled because extender to network shelf is disabled.

Action: Use LD 35 to re-enable extender before proceeding.

IOD0011 CDR tape not positioned after last record.

IOD0012 RW test not allowed on Mini-CDR tape.

IOD0021 Illegal character was entered while tape data was running. Only END is permitted while TEST is in progress.

IOD0030 Command not allowed for ESDI port.

IOD0040 n TTY or printer n is not emptying the output buffer. Output circuitry on pack is faulty. The device is disabled. Probable fault is on pack in question. This information is also displayed on the maintenance display. If fault persists after pack is replaced, suspect:

1. Miscellaneous pack on active CPU
2. Other serial data interface

IOD0041 n TTY n is producing incoherent or too much (over a defined threshold) input. The pack has been disabled. Either the device is faulty or it is connected to a very noisy data line. This information is also displayed on the maintenance display.

With X11 Release 19 and later, I/O Port auto Lock out Recovery is operating. This message indicates the TTY was left disabled because it had been locked out and re-enabled three times in the last 30 minutes.

Action: Manually re-enable the port to bring it back to service.

IOD0050 n MSI/Tape unit n is not ready.

Action: Check disk/tape cartridge for proper seating. With disk systems, try operation again while watching the Mass Storage Interface display.

IOD0051 e n Timeout or early warning on tape unit n before checking. Error codes (e):

A = read directory timeout

B = check directory timeout

C = check track 3 timeout

D = check track 4 timeout

E = find last Overlay record timeout

F = read EOF (End-of-File) timeout

G = erase fault

W = tape initialization timeout

X = position check (tape read) timeout

Y = early warning point reached

Z = find record timeout

1,2 = timeout or early warning on MSI/tape unit 1 or 2 while reading.

IOD0052 Early warning point reached. IOD0060 n

MSI/Tape Interface pack fault for MSI/tape unit n.

IOD0061 n Faulty track select on MSI/tape unit n. IOD0062 n

Tape cartridge missing or defective bulb on tape unit n.

Action: Check cartridge and bulb. Check drive A and drive B.

IOD0063 n Tape wound off end of reel of tape unit n or defective tape unit n.

Action: Check cartridge, or check disk on MSI unit n.

IOD0064 n Interrupt fault on tape interface (TI) pack for unit n.

Action: Check cartridge, or check disk on MSI unit n.

IOD0065 n Unable to position disk/tape correctly on MSI drive A/B or tape unit n due to faulty tape or interrupt fault.

IOD0066 n MSI/tape motion error detector on MSI/tape unit n malfunctioning. Minor alarm

IOD0067 n Tape control electronics is allowing improper tape motion on tape unit n. Minor alarm. MSI control not working (no alarm).

IOD0068 n Defective interval timer on interface card for tape unit n (Minor alarm). MSI timer not working (no alarm).

IOD0069 n Incorrect tape speed or failure to detect tape position changes on tape unit n. Possible defect in positioning of front cover.

Action: Remove cover and test cartridge (Minor alarm), or MSI timer not working.

IOD0070 n	Hardware on tape unit n failed to automatically stop motion at cartridge limits (Minor alarm), or MSI timer not working.
IOD0071 n	Bad data on disk/tape or defective cartridge in MSI/tape unit n.
IOD0072 n	Faulty track select or defective cartridge in MSI/tape unit n.
IOD0073 n	Faulty write protect mechanism which allows writing on protected data track of MSI/tape.
IOD0074 n	Tape cartridge on tape unit U set to SAFE; test cannot continue. Test automatically continues when cartridge is replaced, or MSI floppy disk B is write protection is removed.
IOD0075 e c n	Erase or write fault on tape unit n.c is the EOF record count (normally 9) and is given only when e = J. e appears as one of the following codes: 1, 2 = MSI/tape unit has erase or write fault. Possible faults include dirty tape heads, faulty cartridge or faulty drive interface J = write unsuccessful after four attempts K = skip back timeout L = not EOF when EOF expected or timeout M = read buffer full N = read buffer full O = timeout checking read buffer P = EOF record not found before starting check pattern Q = write check pattern timeout R = read check pattern timeout S = read check pattern timeout T = check pattern record count error U = read EOF (to start erase) timeout V = no EOF when expected or timeout
IOD0076 n	SI/tape unit n has problems reading data from disk/tape.
IOD0077 n	MSI/tape unit n has problems writing data on tape
IOD0078 n	Hardware fault on MSI/tape unit n cause momentary ’Not Ready’ indication.

IOD0079 n Tape cartridge on tape unit n has bad directory (Minor alarm), or bad directory in MSI system.

IOD0080 n Disk/tape cartridge on MSI/tape unit n has missing ’end of disk/file’. IOD0100 x y

Meaning depends on the output data:

IOD100 1 t = Head fault or bad record on track t.

IOD100 e n = Timeout or early warning during checking MSI/tape unit n. See IOD051 for error e. Suspect tape cartridge, interface, cable(s) or tape shelf.

Action: Swapping active and secondary tape interfaces and cables may help to isolate the problem.

IOD100 n t = Track t disabled due to time-out or early warning initializing MSI/tape unit n.

IOD0101 x y Meaning depends on the output:

IOD101 1 t = Requested data record not found on track t.

IOD101 n t = Data record not found on track t on MSI/tape unit n. The data was loaded because it was duplicated. See IOD100 for possible faults.

IOD101 t n r = Data record rewritten by TAPE module on MSI/tape n, record r.

IOD101 e n t = Data record not found on tape n track r, e appears as one of the following codes:

A= tape initialization

B = read directory

C = read data record (after read directory)

D = read test record

E = read EOF record

F = read data record (after test)

G = read last overlay record

H = read checking track 1 or 3

I = read checking track 2 or 4

IOD0110 Meaning depends on the output data:

IOD110 n = Data record not found on both tracks of tape unit n. The data from he tape could not be loaded. See IOD100 for possible faults.

IOD110 1 t = Requested data record not found on track t.

IOD0111 n	Tape unit n is disabled. Enable tape unit.
IOD0112	Cannot perform TTY tests on PMS link.
IOD0200 1	Tape disabled detected during write effort. Write effort suspended.
IOD0201 1	Tape not equipped detected during write effort. Write effort suspended.
IOD0203 1	Tape not ready detected during write effort. Write effort suspended.
IOD0204 1	Tape write protected detected during write effort. Write effort suspended.
IOD0205 1	Early warning detected during write effort. Write effort suspended if track 3.
IOD0206 1	Read error detected during write effort. Hardware fault suspected. Write effort suspended.
IOD0207 1	Write error detected during write effort. Write effort suspended after retries fail.
IOD0208 1	Record not found error detected during write effort. Hardware fault suspected. Write effort suspended.
IOD0209 1	Timeout detected during write effort. Write effort suspended.
IOD0210 1	Tape is put in tape full state. Write effort suspended.
IOD0211 1	CDR tape has been locked too long. Write effort suspended.
IOD0212 1	CDR tape is now at least 75 percent full.
IOD0250 1	Tape response idle while erasing. Hardware fault suspected.
IOD0251 1	Mini-CDR tape disabled.
IOD0252 1	Mini-CDR tape unequipped.
IOD0254 1	Mini-CDR tape not ready.
IOD0255 1	Mini-CDR tape write protected.
IOD0256 1	Early warning hit.
IOD0257 1	Read error detected.
IOD0258 1	Write error detected.
IOD0259 1	Record not found.

IOD0260 1	Timeout occurred.
IOD0261	Use LD 48 to enable or disable CND TTY.
IOD0280	Use tape command.
IOD0281	Use MSI command.
IOD0282	Command not allowed for MSI equipped system.
IOD0283	Primary MSU not responding.
IOD0284	Secondary MSU not responding.
IOD0290	MSI self-test time out. MSI is not responding.
IOD0291	MSI memory is faulty.
IOD0292	MSI control is faulty.
IOD0293	MSI drive A failed self-test.
IOD0294	MSI drive B failed self-test.
IOD0295	MSI drive C failed self-test.
IOD0296	MSI drive not configured.
IOD0297	Mass Storage Interface (MSI) floppy drive failed self-test.
IOD0298	Mass Storage Interface (MSI) software configuration does not match the hardware. **Action:** Update the configuration record (LD 17).
IOD0300	No response received from System Monitor (NT8D22) after sending status request message.
IOD0301	There are no master System Monitor (NT8D22) port defined. **Action:** Use LD 17 to define the master System Monitor port.
IOD0302	Invalid command.
IOD0306 x	Could not test TTY due to one of the following reasons (where x = port number): 1. Self test is not supported on type of TTY 2. TTY is not in the correct state to run self test **Action:** Put the TTY in the enable and operational state and run the test again.

IOD0307 x — The Meridian 1 timed out waiting for a response to the enable SDI application message sent to the MSDL card. Where: x = port number

Action: If this error message is received twice in a row when attempting to enable the TTY, be sure the MSDL is enabled and remains that way for the next few minutes. If the problem still persists, disable and re-enable the MSDL card.

IOD0308 x — The MSDL cannot enable the SDI application. Where: x = port number

Action: If this error message is received more than twice in a row when attempting to enable the TTY, try using the FDL option so that the application is re-downloaded to the card.

IOD0309 x — The SDI application in transient state. Where: x = port number.

Action: Try again.

IOD0314 — That command does not apply to the Pseudo TTY (PTY).

IOD0315 x — Failure to download the device setup. The device will still be enabled with the current setup. X indicates the failure reason:

0 = fail to download due to device data corruption

1 = fail to change baud rate

2 = fail to change device setup such as data bit, stop bit, or parity type

3 = fail to change control option

IOD0316 — It is not possible to enable the TTY/PRT without first enabling the MSDL card. Issue the ENL MSDL {x} command.

IOD0317 — The MSI and Tape related command are not applicable to this machine.

Action: Use LD137 to issue any maintenance and diagnostic for IOPs and CMDUs.

IOD0318 x — TTY x was disabled due to invalid characters and will be automatically enabled in 4 minutes.

IOD0319 x — TTY x was automatically enabled.

IOD0320 x — TTY x has been disabled 3 times, the maximum allowed, during the last 30 minutes. It will not be automatically enabled.

IOD0321 — Cannot disable the TTY used to access non Meridian 1 task (PDT/VxWorks Shell, for example).

IOD0322	Int detected: unconfig'd IO device; grp X at vaddr Y device has been H/W disabled
IOD0323	Int detected: S/W disabled IO device; grp X at vaddr Y device has been H/W disabled
IOD0327 x	Overlay command cannot be executed due to one of the following conditions: 1. The port is not in the correct state for the command to be executed 2. The port is already in the right state **Action:** Check port state and try again. Where: x = port number
IOD0328 x y z	MSDL SDI target state has been changed. No action needed. Where: x = port number, y = original target, and z = new target
IOD0329 x y	Event: Application download failed. Where: x = port number and y = failure reason. Where: 3 - maintenance in progress 4 - transmit xbuffer busy 6 - no maintenance socket id 11 - force download not allowed 10, others - download failed **Action:** 3 - wait 6 - reconfigure port, then enable port again 4, 10, 11, others - disable the MSDL card, reset it and then try again.
IOD0331 x y z	The port is disabled by the system. Where: x = port number; y = disable reason Where: 1 = enable application failed 2 = status errno 3 - primitive timeout (z = port state port substate if state is test) 4 - MSDL Handler failure 5 - disable indication received (z = 15 - bad rs232/422 switch setting; 16 - bad dte/dce switch setting; 17 - not enough memory) 6 - PSDL threshold exceeded

	7 - MSDL card is system disabled **Action:** 1, 2, 3, 4, 6 - disable the MSDL card, reset it and then try again. 5 - {z} = 15, 16 - check the MSDL card hardware setting. {z} = 17 - disable the MSDl card, reset it and then try again. 7 - reset the MSDL card and then try again.
IOD0332 x y	The port is enabled but not ready. Where: x = port number and y = not ready reason} Where: 0 - autobauding 1 - await modem to be connected 2 - dtr is down 3 - await terminal (vt220) verification **Action:** 0 - enter {carriage returns} to trigger port to be autobauded 1 - check modem connection 2 - check cable connection 3 - no action needed
IOD0333 x	The port is now operational; previously it is enabled but not ready. Where: x = port number
IOD0334 x	The port is put into midnight recovery. Where: x = port number **Action:** To enable port, disable it first and then enable it, or wait for midnight recovery to occur.
IOD0335 x	Auto-recovery is complete. Where: x = port number
IOD0336 x y z	Auto-recovery in progress. Where: x = port number, y = recv attempt no - 1, 2, or 3, and z = cause for recovery - {disable reason} **Action:** Wait for auto-recovery to complete.
IOD0337	HSPR command attempted, but HOSP package unequipped.
IOD0338	HSPR command attempted, but no PMS ports configured.
IOD0339 x	STA disable process failed because application says so. Where: x = STA logical number

IOD0340 x	Overlay command cannot be executed. One of the following may have taken place. Where: x = STA logical number 1. STA application is not in the correct state for the command to be executed 2. STA application is already in the right state
IOD0341 x y z	STA application encounters operational errors and auto-recovery process is activated to recover. Where: x = STA logical number y = Type of Operational Errors 1: Fail to enable STA application 2: Status error 3: Primitive timeout 4: MSDL Handler failure 5: STA loadware suicide 6: PSDL threshold failure z = Reason for STA loadware suicide (for y = 5 only) 15: Wrong RS232/RS422 switch setting 16: Wrong DTE/DCE setting 17: Not enough memory 18: Fail to detect VT220 19: STA loadware layer 2 bug
IOD0342 x	STA application is put in midnight recovery. No more auto-recovery will be attempted until midnight. Where: x = STA logical number
IOD0343	Cannot use “DIS TTY #” to disable STA administration terminal.
IOD0344	Cannot use “ENL TTY #” to enable STA administration terminal.
IOD0345	TTY self test is not allowed on STA administration terminal.
IOD0346 x y z	STA auto-recovery is in progress. Where: x = STA logical number

y = Counts for STA's attempt to recover. (If y is greater than or equal to 3, STA is put to midnight recovery.)

z = Operational Errors which cause auto-recovery

1: Fail to enable STA application

2: Status error

3: Primitive timeout

4: MSDL Handler failure

5: STA loadware suicide

6: PSDL threshold failure

7: MSDL system enabled

IOD0347 x STA auto-recovery has been completed. Where: x = STA logical number.

IOD0349 SDI port is not configured for MTC and SCH.

Action: Either add MTC and SCH to SDI port or use another valid SDI port.

IOD0350 Point-to-Point Protocol interface is disabled.

Action: Issue the command "ENL PPP" in LD 117.

IOD0351 Active Point-to-Point Protocol session has been found.

Action: Wait until current PPP session is terminated.

IOD0352 Point-to-Point Protocol task has failed to start.

Action: Check system port for additional information regarding possible causes of the failure.

IOD0353 Invalid PTY port. PTY port is not supported.

IOD0357 Resume interrupt service for cabinet.

IOD0358 Stuck interrupt in cabinet. It may be caused by a damaged pack in the cabinet.

Action: Check for offending packs in the cabinet.

IOD0359 Failed to service interrupt for Cabinet. Cannot identify the device that is raising the interrupt.

IOD0360 Failed to service interrupt for Cabinet. Interrupt is masked.

Action: Check for offending packs in that cabinet

IOD0361 Unable to set event ISR for the cabinet.

Action: Contact your technical support group.

IOD0362	Unable to install the CardLAN interface. **Action:** Contact your technical support group.
IOD0363	The overloaded SDI MSDL port needs to be disabled before it can be enabled. **Action:** Place the TTY in the manually disabled mode with the command DIS TTY x. Enable the TTY with the command ENL TTY x.
IOD0364	Package 296 (MAT) and/or 351 (DBA) is not enabled.
IOD0365	Network connection lost. Buffering data to memory and storage device.
IOD0366	Unable to write to storage device. Data might be lost.
IOD0367	DBA buffer is 80% full.
IOD0368	DBA buffer is 90% full.
IOD0369	DBA buffer is 100% full. Data might be lost.
IOD0370	Network connection re-established.
IOD0371	Device locked by the Russian Call Monitoring feature. The TTY cannot be enabled or disabled. **Action:** Contact your technical support group.
IOD0372	LSECDR: File xx is available on expansion yy. Where: xx = c:/u/smp.db/dba.cdr or b:/dba.cdr yy = 1 to 4"

ISR: Intergroup Switch and System Clock Generator Diagnostic (LD 39)

The Intergroup Switch (IGS) and System Clock Generator (SGC) diagnostic (LD 39) applies to the SL-1 XN equipped with Generic X11. The program is used to maintain Peripheral Signaling (PS), Intergroup Switch (IGS) or System Clock Generator (SCG) cards.

ISR messages

ISR0000	Program identifier.
ISR0001	Illegal character in command.
ISR0002	Wrong number of input parameters.
ISR0003	Illegal command.
ISR0004	Group out-of-range.
ISR0010	Command ignored as an active input device would be disabled.
ISR0015 loop	Loop specified does not respond. During ENPS command, an attempt is made to re-enable all loops associated with peripheral signaling card.
ISR0018	Only one DISI IGS allowed at a time.
ISR0020	Specified peripheral signaling card out-of-range.
ISR0021	Specified peripheral signaling card does not respond.
ISR0022	Specified peripheral signaling card already enabled.
ISR0025	Cannot determine which CPU is active.

ISR0026 p	A peripheral signaling interrupt fault is present. p identifies the faulty card.
ISR0027	A fault in the outgoing signaling circuitry has been detected on the peripheral signaling card being examined.
ISR0029	Customer does not exist.
ISR0033	System clock must be switched before proceeding.
ISR0040	Intergroup switch out-of-range.
ISR0041	Intergroup switch specified is not responding.
ISR0042	Intergroup switch is already enabled.
ISR0043	DISI IGS command completed.
ISR0050	System clock generator specified is out-of-range.
ISR0051	SCG specified is not responding.
ISR0052	SCG specified is already enabled.
ISR0054	Idle CPU must be switched in to replace the present clock.
ISR0060 n	SCG n cannot be switched in to replace the present clock. **Action:** If clock controller, go to Input/Output guide, LD 60.
ISR0061 n	SCG n cannot be switched in because loss of service will result to the peripheral signaling cards specified. List is composed of the numbers of the specified peripheral signaling cards affected. **Action:** If clock controller, go to Input/Output guide, LD 60.
ISR0062 n	Software and hardware status of SCG n do not match **Action:** If clock controller, go to Input/Output guide, LD 60.
ISR0070	Specified equipment could not be enabled because of the CPU bus extender to the network shelf is disabled.
ISR0071	Supposed to freerun, but H/W is tracking on primary.
ISR0072	Supposed to freerun, but H/W is tracking on secondary.
ISR0073	Supposed to track on primary, but H/W is tracking on secondary.

ISR0074	Supposed to track on primary, but H/W is freerun.
ISR0075	Supposed to track on secondary, but H/W is freerun.
ISR0076	Supposed to track on secondary, but H/W is freerun.
ISR0077	Tracking rejected. Reference primary is not specified.
ISR0078	Tracking rejected. Reference secondary is not specified.
ISR0079 loop	Loop is disabled. No action is taken.
ISR0080	SL-1NT cannot use LD 39.
ISR0100	An invalid error message was received from the clock controller.
ISR0101	Superloop on the specified PS card, use LD 32 ENPS/DSPS commands.
ISR0102	Loop is a Digital Trunk Interface or Primary Rate Interface. **Action:** Use LD 60.
ISR0104	BRSC{-}PRI B-Ch connection is using the IGS being disabled. Cannot complete DISI command. **Action:** Use the DIS IGS command or disconnect the nail-up by disabling the BRSC in LD 32 first.
ISR0105	A TCON connection is using the IGS being disabled. Cannot complete DISI command. **Action:** Use the DIS IGS command or disconnect the TCON first.
ISR0106 G S	Clock found in Group G side S is different from its address found during system initialization. No attempt to overwrite the address found during initialization.
ISR0107 S G	More than one clock has been found in side S. The information on Group of the extra clock(s) is provided.
ISR0108 S	No clock has been found in side S.
ISR0200	Cannot disable a FIJI while it is the active ring.
ISR0201	Cannot reset the FIJI card when the card is not manually disabled. Selftest cannot be performed.
ISR0202	Reset failure. Could not write to card. Selftest cannot be performed. **Action:** Replace the FIJI pack.

ISR0203	Cannot selftest. Card is enabled or waiting for a response.
ISR0204	Cannot restore/switch rings because the active ring state is not valid. 1. There is no need to restore from Half Mode. 2. Switch only from Half Mode or from Full Mode on the other ring
ISR0205	Invalid side (ring). Range is 0-1.
ISR0206	FIJI card not present. Cannot read info.
ISR0207	Cannot provide FIJI applicable info right now: block is updating. **Action:** Wait.
ISR0208	FIJI card not operational. Cannot read info. **Action:** Enable FIJI pack.
ISR0209	Selftest did not complete. The FIJI card reset itself or was removed for slot during selftest. **Action:** Replace the FIJI pack.
ISR0210	Upload of performance report failed.
ISR0212	Failure to switch/restore ring.
ISR0213	Alarm operation (Stat/Enable/Disable) failure.
ISR0214	Cannot manually enable card in system disabled state. **Action:** Manually disable and enable the pack and then replace the pack.
ISR0215	System clock must be switched to Group 1 before a FIJI card in Group 0 can be disabled.
ISR0216	Alarm number is out of range.
ISR0217	A 360 test is currently in progress on the corresponding group on the other ring. Test cannot be performed until the other test is completed.
ISR0218	Duration must be in the range of 1 to 150.

ISR0219	Ring must be put in Drive None state before this can be initiated.
ISR0220	Auto Recovery must be turned off before this test can be initiated.
ISR0221	FIJI card must be in the operational state in order to process this command.
ISR0222	The clock should not be switched because the FIJI software has just switched the clock.

ITG: Integrated IP Telephony Gateway

ITG messages

ITG0100	Successful bootup. All alarms cleared.
ITG0101	Exit form QoS fallback. Normal operation restored.
ITG0102	Ethernet voice port restored to normal operation.
ITG0103	Ethernet management port restored to normal operation.
ITG0104	DSP successfully reset.
ITG0105	Exit from card fallback. Leader card restored.
ITG0150	D-channel restored. Channels restored to service.
ITG0200	Voice Ethernet buffer exceeded. Packet(s) discarded.
ITG0201	Management Ethernet buffer exceeded. Packet(s) discarded.
ITG0202	Card recovered from software reboot.
ITG0203	Fallback to PSTN activated.
ITG0204	DSP device reset.
ITG0206	Invalid A07 message received. Message discarded.
ITG0207	Unknown H.323 message received. Message discarded/rejected.
ITG0208	Backup leader has been activated.
ITG0250	Invalid X12 message received. Message discarded.
ITG0300	Memory allocation failure.

ITG0301	Channel not responding. Channel is disabled.
ITG0302	DSP device failure. Operating on reduced capacity.
ITG0303	DSP subsystem failure. Initiating card reboot.
ITG0304	Cannot write to file I/O write error.
ITG0305	Cannot open configuration file. Using default settings.
ITG0306	Meridian Messaging error threshold exceeded.
ITG0308	Address Translation failure. Call is released.
ITG0309	Unexpected DSP channel closed. Channel is unusable.
ITG0310	Cannot open DSP channel.
ITG0311	Unable to get response from Follower card.
ITG0312	Unable to push BOOTP tab file to backup leader.
ITG0313	Keycode failed validation. Configuration file discarded.
ITG0350	Gatekeeper RAS reject threshold exceeded.
ITG0351	Cannot open Gatekeeper configuration file. Using default settings.
ITG0400	Fatal self-test failure. Card is out of service.
ITG0401	Reboot threshold exceeded. Manual intervention required.
ITG0402	Ethernet voice port failure.
ITG0403	Ethernet management port failure.
ITG0404	Can’t open address translation file.
ITG0405	Keycode file failed validation during bootup.
ITG0406	Start-up memory allocation failure. Card reboot initiated.
ITG0407	Unable to get response from leader card.
ITG0408	Bad address translation file. Reverting to previous version (if any).
ITG0409	Bad configuration file. Reverting to previous version (if any).

ITG0410	Remote leader not responding.
ITG0411	Failed to start UDP server for intercard messaging. Card is in fallback.
ITG0412	Failed to start UDP client for intercard messaging. Card is in fallback.
ITG0413	Failed to register with Leader card. Defaulting to fallback mode.
ITG0414	No response from Leader card.
ITG0415	Task spawn failed. Attempting a reboot.
IITG0416	Failed to start QOS/Network Probing Timer.
ITG0417	Update to followers.
ITG0418	H-323 stack failed to initialize.
ITG0450	D-channel loss of signal. Associated channels busied out.
ITG0451	D-channel hardware failure. Associated channels busied out.
ITG0452	Meridian -1 messaging failure. Unable to process calls.
ITG0453	Cannot open Gateway DN file.
ITG0454	Cannot open Gatekeeper password file.
ITG0455	Bad Gatekeeper configuration file. Reverting to previous version if any.
ITG0456	Incorrect Gateway password. Calls to/from Gateway rejected by the Gatekeeper.
ITG1000	Card (re)booted).
ITG1001	Task spawn failure <name>.
ITG1002	Memory allocation failure.
ITG1002	Memory allocation failure.
ITG1003	File I/O error <operation> <object> <errno> <errtext>.
ITG1004	Memory allocation failure.
ITG1004	Network IO error <operation> <object> <errno> <errtext>.
ITG1005	Memory allocation failure.

ITG1006	Memory allocation failure.
ITG1006	Unexpected state encountered <file> <line> <state>.
ITG1007	Unexpected message type <file> <line> <msg>.
ITG1008	Unexpected message type <file> <line> <msg>.
ITG1009	Invalid block <file> <line.
ITG1010	Unable to locate data block <file> <line>. Type of block.
ITG1011	Failed to push file <file> <host>.
ITG1012	Failed to retrieve file <file> <host>.
ITG1013	Voice ethernet received buffer unavailable, packet(s), discarded
ITG1014	Management ethernet receive buffer unavailable, packet(s) discarded.
ITG1015	Voice ethernet device failure.
ITG1016	Management ethernet device failure.
ITG1017	Invalid or unknown A07 SSD message <tn> <msg>.
ITG1018	Invalid or unknown X12 SSD message <tn> <msg>.
ITG1019	DSP channel open failure <channel>.
ITG1020	Configuration error <parm> <value> <reason>.
ITG1021	DSP successfully reset <dsp>.
ITG1022	DSP channel not responding, channel disabled <channel>.
ITG1023	DSP device failure, operating at reduced capacity <dsp>.
ITG1025	DSP download failed, retrying <dsp>
ITG1024	DSP failure <dsp> <errno> <errtext>.
ITG1025	DSP download failed retrying <dsp>.
ITG1026	DSP download retry succeeded <dsp>.
ITG1027	DSP memory test timed out <dsp>.

ITG1028	DSP memory test failed <dsp>.
ITG1029	Error in DSP task <fail> <line> <errno> <errtext>.
ITG1030	Channel registration failure <channel> <errno> <errtext>.
ITG1031	Allocation failure in DSP memory pool.
ITG1032	Invalid codec number <codec>.
ITG1033	Duplicate open attempt on channel <channel>.
ITG1034	DSP channel send failure <channel>.
ITG1035	Channel unexpectedly closed <channel>.
ITG1036	Encountered unexpected open channel, closed it <channel>.
ITG2000	Card (re)booted).
ITG2001	Task spawn failure <name>.
ITG2002	Memory allocation failure.
ITG2003	File I/O error <operation> <object> <errno> <errtext>.
ITG2004	Network IO error <operation> <object> <errno> <errtext>.
ITG2005	Message queue error <operation> <object> <errno> <errtext>.
ITG2006	Unexpected state encountered <file> <line> <state>.
ITG2007	Unexpected message type <file> <line> <msg>.
ITG2008	Null pointer encountered <file> <line> Name of pointer.
ITG2009	Invalid block <file> <line>.
ITG2010	Unable to locate data block <file> <line> Type of block.
ITG2011	Failed to push file <file> <host>.
ITG2012	Failed to retrieve file <file> <host>.
ITG2013	Voice ethernet receive buffer unavailable, packet(s) discarded.
ITG2014	Management ethernet receive buffer unavailable, packet(s) discarded.

ITG2015	Voice ethernet device failure.
ITG2016	Management ethernet device failure.
ITG2017	Invalid or unknown A07 SSD message <tn> <msg>.
ITG2018	Invalid or unknown X12 SSD message <tn> <msg>.
ITG2019	DSP channel open failure <channel>.
ITG2020	Configuration error <parm> <value> <reason>.
ITG2021	DSP successfully reset <dsp>.
ITG2022	DSP channel not responding, channel disabled <channel>.
ITG2023	DSP device failure, operating at reduced capacity <dsp>.
ITG2024	DSP failure <dsp> <errno> <errtext>.
ITG2025	DSP download failed, retrying <dsp>.
ITG2026	DSP download retry succeeded <dsp>.
ITG2027	DSP memory test timed out <dsp>.
ITG2028	DSP memory test failed <dsp>.
ITG2029	Error in DSP task <fail> <line> <errno> <errtext>.
ITG2030	Channel registration failure <channel> <errno> <errtext>.
ITG2031	Allocation failure in DSP memory pool.
ITG2032	Invalid codec number <codec>.
ITG2033	Duplicate open attempt on channel <channel>.
ITG2034	DSP channel send failure <channel>.
ITG2035	Channel unexpectedly closed <channel>.
ITG2036	Encountered unexpected open channel, closed it <channel>.
ITG3000	Card (re)booted).
ITG3001	Task spawn failure <name>.

ITG3002	Memory allocation failure.
ITG3003	File I/O error <operation> <object> <errno> <errtext>.
ITG3004	Network IO error <operation> <object> <errno> <errtext>.
ITG3005	Message queue error <operation> <object> <errno> <errtext>.
ITG3006	Unexpected state encountered <file> <line> <state>.
ITG3007	Unexpected message type <file> <line> <msg>.
ITG3008	Null pointer encountered <file> <line> Name of pointer.
ITG3009	Null pointer encountered <file> <line> Name of pointer.
ITG3010	Unable to locate data block <file> <line> Type of block.
ITG3011	Failed to push file <file> <host>.
ITG3012	Failed to retrieve file <file> <host>.
ITG3013	Voice ethernet receive buffer unavailable, packet(s) discarded.
ITG3014	Management ethernet receive buffer unavailable, packet(s) discarded.
ITG3015	Voice ethernet device failure.
ITG3016	Management ethernet device failure.
ITG3017	Invalid or unknown A07 SSD message <tn> <msg>.
ITG3018	Invalid or unknown X12 SSD message <tn> <msg>.
ITG3019	DSP channel open failure <channel>.
ITG3020	Configuration error <parm> <value> <reason>.
ITG3021	DSP successfully reset <dsp>.
ITG3022	DSP channel not responding, channel disabled <channel>.
ITG3023	DSP device failure, operating at reduced capacity <dsp>.
ITG3024	DSP failure <dsp> <errno> <errtext>.
ITG3025	DSP download failed, retrying <dsp>.

ITG3026	DSP download retry succeeded <dsp>.
ITG3027	DSP memory test timed out <dsp>.
ITG3028	DSP memory test failed <dsp>.
ITG3029	Error in DSP task <fail> <line> <errno> <errtext>.
ITG3030	Channel registration failure <channel> <errno> <errtext>.
ITG3031	Allocation failure in DSP memory pool.
ITG3032	Invalid codec number <codec>.
ITG3033	Duplicate open attempt on channel <channel>.
ITG3034	DSP channel send failure <channel>.
ITG3035	Channel unexpectedly closed <channel>.
ITG3036	Encountered unexpected open channel, closed it <channel>.
ITG4000	Card (re)booted).
ITG4001	Task spawn failure <name>.
ITG4002	Memory allocation failure.
ITG4003	File I/O error <operation> <object> <errno> <errtext>.
ITG4004	Network IO error <operation> <object> <errno> <errtext>.
ITG4005	Message queue error <operation> <object> <errno> <errtext>
ITG4006	Unexpected state encountered <file> <line> <state>.
ITG4007	Unexpected message type <file> <line> <msg>.
ITG4008	Null pointer encountered <file> <line> Name of pointer.
ITG4009	Invalid block <file> <line>.
ITG4010	Unable to locate the data block <file> <line> Type of block.
ITG4011	Failed to push file <file> <host>.
ITG4012	Failed to retrieve file <file> <host>.

ITG4013	Voice ethernet receive buffer unavailable, packet(s) discarded.
ITG4014	Management ethernet receive buffer unavailable, packet(s) discarded.
ITG4015	Voice ethernet device failure.
ITG4016	Management ethernet device failure.
ITG4017	Invalid or unknown A07 SSD message <tn> <msg>.
ITG4018	Invalid or unknown X12 SSD message <tn> <msg>.
ITG4019	DSP channel open failure <channel>.
ITG4020	Configuration error <parm> <value> <reason>.
ITG4021	DSP successfully reset <dsp>.
ITG4022	DSP channel not responding, channel disabled <channel>.
ITG4023	DSP device failure, operating at reduced capacity <dsp>.
ITG4024	DSP failure <dsp> <errno> <errtext>.
ITG4025	DSP download failed, retrying <dsp>.
ITG4026	DSP download retry succeeded <dsp>.
ITG4027	DSP memory test timed out <dsp>.
ITG4028	DSP memory test failed <dsp>.
ITG4029	Error in DSP task <fail> <line> <errno> <errtext>.
ITG4030	Channel registration failure <channel> <errno> <errtext>.
ITG4031	Allocation failure in DSP memory pool.
ITG4032	Invalid codec number <codec>.
ITG4033	Duplicate open attempt on channel <channel>.
ITG4034	DSP channel send failure <channel>.
ITG4035	Channel unexpectedly closed <channel>.
ITG4036	Encountered unexpected open channel, closed it <channel>.

ITG5000	Card (re)booted).
ITG5001	Task spawn failure <name>.
ITG5002	Memory allocation failure.
ITG5003	File I/O error <operation> <object> <errno> <errtext>.
ITG5004	Network IO error <operation> <object> <errno> <errtext>.
ITG5005	Message queue error <operation> <object> <errno> <errtext>.
ITG5006	Unexpected state encountered <file> <line> <state>.
ITG5007	Unexpected message type <file> <line> <msg>.
ITG5008	Null pointer encountered <file> <line> Name of pointer.
ITG5009	Invalid block <file> <line>.
ITG5010	Unable to locate data block <file> <line> Type of block.
ITG5011	Failed to push file <file> <host>.
ITG5012	Failed to retrieve file <file> <host>.
ITG5013	Voice ethernet receive buffer unavailable, packet(s) discarded.
ITG5014	Management ethernet receive buffer unavailable, packet(s) discarded.
ITG5015	Voice ethernet device failure.
ITG5016	Management ethernet device failure.
ITG5017	Invalid or unknown A07 SSD message <tn> <msg>.
ITG5018	Invalid or unknown X12 SSD message <tn> <msg>.
ITG5019	DSP channel open failure <channel>.
ITG5020	Configuration error <parm> <value> <reason>.
ITG5021	DSP successfully reset <dsp>.
ITG5022	DSP channel not responding, channel disabled <channel>.
ITG5023	DSP device failure, operating at reduced capacity <dsp>.

ITG5024	DSP failure <dsp> <errno> <errtext>.
ITG5025	DSP download failed, retrying <dsp>.
ITG5026	DSP download retry succeeded <dsp>.
ITG5027	DSP memory test timed out <dsp>.
ITG5028	DSP memory test failed <dsp>.
ITG5029	Error in DSP task <fail> <line> <errno> <errtext>.
ITG5030	Channel registration failure <channel> <errno> <errtext>.
ITG5031	Allocation failure in DSP memory pool.
ITG5032	Invalid codec number <codec>.
ITG5033	Duplicate open attempt on channel <channel>.
ITG5034	DSP channel send failure <channel>.
ITG5035	Channel unexpectedly closed <channel>.
ITG5036	Encountered unexpected open channel, closed it <channel>.
ITG6000	Card (re)booted).
ITG6001	Task spawn failure <name>.
ITG6002	Memory allocation failure.
ITG6003	File I/O error <operation> <object> <errno> <errtext>.
ITG6004	Network IO error <operation> <object> <errno> <errtext>.
ITG6005	Message queue error <operation> <object> <errno> <errtext>.
ITG6006	Unexpected state encountered <file> <line> <state>.
ITG6007	Unexpected message type <file> <line> <msg>.
ITG6008	Null pointer encountered <file> <line> Name of pointer.
ITG6009	Invalid block <file> <line>.
ITG6010	Unable to locate data block <file> <line> Type of block.

ITG6011	Failed to push file <file> <host>.
ITG6012	Failed to retrieve file <file> <host>.
ITG6013	Voice ethernet receive buffer unavailable, packet(s) discarded.
ITG6014	Management ethernet receive buffer unavailable, packet(s) discarded.
ITG6015	Voice ethernet device failure.
ITG6016	Management ethernet device failure.
ITG6017	Invalid or unknown A07 SSD message <tn> <msg>.
ITG6018	Invalid or unknown X12 SSD message <tn> <msg>.
ITG6019	DSP channel open failure <channel>.
ITG6020	Configuration error <parm> <value> <reason>.
ITG6021	DSP successfully reset <dsp>.
ITG6022	DSP channel not responding, channel disabled <channel>.
ITG6023	DSP device failure, operating at reduced capacity <dsp>.
ITG6024	DSP failure <dsp> <errno> <errtext>.
ITG6025	DSP download failed, retrying <dsp>.
ITG6026	DSP download retry succeeded <dsp>.
ITG6027	DSP memory test timed out <dsp>.
ITG6028	DSP memory test failed <dsp>.
ITG6029	Error in DSP task <fail> <line> <errno> <errtext>.
ITG6030	Channel registration failure <channel> <errno> <errtext>.
ITG6031	Allocation failure in DSP memory pool.
ITG6032	Invalid codec number <codec>.
ITG6033	Duplicate open attempt on channel <channel>.
ITG6034	DSP channel send failure <channel>.

ITG6035	Channel unexpectedly closed <channel>.
ITG6036	Encountered unexpected open channel, closed it <channel>.

ITS: Integrated IP Telephony Gateway

ITS messages

ITS messages incorporate the severity category of the message in the first digit of the four digit number.

ITS1000	VTI function call timeout.
ITS1001	User terminal registration failed <ip> <hwid> <errno> <errtext>.
ITS1002	Connect service activation error <reason>.
ITS1003	Duplicate master <node> <ip1> <ip2>.
ITS1004	Failed to retrieve node ID and TN <ip> <hwid>.
ITS1005	Invalid node ID <ip> <hwid>.
ITS1006	Corrupted node ID/TN field <ip> <hwid>.
ITS1007	Received corrupted UNIStim message <message dump>.
ITS1008	Received unknown UNIStim message <message dump>.
ITS1009	RUDP connection lost: <ip>.
ITS1010	RUDP connection restarted: <ip>.
ITS1011	Communication link to M1 is down.
ITS1011	Communication link to M1 is down.
ITS1012	Communication link to M1 is up.
ITS2000	VTI function call timeout.

ITS2001	User terminal registration failed <ip> <hwid> <errno> <errtext>.
ITS2002	Connect service activation error <reason>.
ITS2003	Duplicate master <node> <ip1> <ip2>.
ITS2004	Failed to retrieve node ID and TN <ip> <hwid>.
ITS2005	Invalid node ID <ip> <hwid>.
ITS2006	Corrupted node ID/TN field Iip> <hwid>.
ITS2007	Receive corrupted UNIStim message <message dump>.
ITS2008	Received unknown UNIStim message <message dump>.
ITS2009	RUDP connection lost: <ip>.
ITS2010	RUDP connection restarted: <ip>.
ITS2011	Communication link to M1 is down.
ITS2012	Communication link to M1 is up.
ITS3000	VTI function call timeout.
ITS3001	User terminal registration failed <ip> <hwid> <errno> <errtext>.
ITS3002	Connect service activation error <reason>.
ITS3003	Duplicate master <node> <ip1> <ip2>.
ITS3004	Failed to retrieve node ID and TN <ip> <hwid>.
ITS3005	Invalid node ID <ip> <hwid>.
ITS3006	Corrupted node ID/TN field <ip> <hwid>.
ITS3007	Receive corrupted UNIStim message <message dump>.
ITS3008	Received unknown UNIStim message <message dump>.
ITS3009	RUDP connection lost: <ip>.
ITS3010	RUDP connection restarted: <ip>.
ITS3011	Communication link to M1 is down.

ITS3012	Communication link to M1 is up.
ITS4000	VTI function call timeout.
ITS4001	User terminal registration failed <ip> <hwid> <errno> <errtext>.
ITS4002	Connect service activation error <reason>.
ITS4003	Duplicate master <node> <ip1> <ip2>.
ITS4004	Failed to retrieve node ID and TN <ip> <hwid>.
ITS4005	Invalid node ID <ip> <hwid>.
ITS4006	Corrupted node ID/TN field <ip> <hwid>.
ITS4007	Receive corrupted UNIStim message <message dump>.
ITS4008	Received unknown UNIStim message <message dump>.
ITS4009	RUDP connection lost: <ip>.
ITS4010	RUDP connection restarted: <ip>.
ITS4011	Communication link to M1 is down.
ITS4012	Communication link to M1 is up.
ITS5000	VTI function call timeout.
ITS5001	User terminal registration failed <ip> <hwid> <errno> <errtext>.
ITS5002	Connect service activation error <reason>.
ITS5003	Duplicate master <node> <ip1> <ip2>.
ITS5004	Failed to retrieve node ID and TN <ip> <hwid>.
ITS5005	Invalid node ID <ip> <hwid>.
ITS5006	Corrupted node ID/TN field <ip> <hwid>.
ITS5007	Receive corrupted UNIStim message <message dump>.
ITS5008	Received unknown UNIStim message <message dump>.
ITS5009	RUDP connection lost: <ip>.

ITS5010	RUDP connection restarted: <ip>.
ITS5011	Communication link to M1 is down.
ITS5012	Communication link to M1 is up.
ITS6000	VTI function call timeout.
ITS6001	User terminal registration failed <ip> <hwid> <errno> <errtext>.
ITS6002	Connect service activation error <reason>.
ITS6003	Duplicate master <node> <ip1> <ip2>.
ITS6004	Failed to retrieve node ID and TN <ip> <hwid>.
ITS6005	Invalid node ID <ip> <hwid>.
ITS6006	Corrupted node ID/TN field <ip> <hwid>.
ITS6007	Receive corrupted UNIStim message <message dump>.
ITS6008	Received unknown UNIStim message <message dump>.
ITS6009	RUDP connection lost: <ip>.
ITS6010	RUDP connection restarted: <ip>.
ITS6011	Communication link to M1 is down.
ITS6012	Communication link to M1 is up.

LNK: Link Diagnostic (LD 48)

The Link Diagnostic program is used to maintain data links used with various special features and auxiliary data links. Link Diagnostic problems are reported in LNK messages.

LNK messages

LNK0000 Program identifier.

LNK0001 Invalid command.

Action: Check data and re-enter command.

LNK0002 Invalid first parameter.

Action: Check data and re-enter command.

LNK0003 Invalid second parameter.

Action: Check data and re-enter command.

LNK0004 High-speed link does not exist.

LNK0005 Low-speed link does not exist.

LNK0006 Incorrect number of parameters inputted for the command specified.

Action: Check data and re-enter command.

LNK0007 Invalid data keyed in. Check data and re-enter command.

LNK0008 The SDI for the high-speed link or low-speed link is not enabled.

Action: Use the ENL command to enable the SDI and re-enter the command.

LNK0009 Invalid parameter 3.

LNK0010	IMS/IVMS package not equipped.
LNK0011	IMS/IVMS package and ACD-D not equipped.
LNK0012	ACD-D package not equipped.
LNK0013	APL number out-of-range.
LNK0014	Not an APL link.
LNK0015	APL Logical Unit not found.
LNK0016	Attendant Logical Terminal Number (LTN) out-of-range.
LNK0017	Customer number does not exist.
LNK0018	Unknown configuration.
LNK0019	Invalid link specified.
LNK0020	Not a valid option.
LNK0021	APL is down.
LNK0022	Customer number not defined.
LNK0023	Attendant LTN not defined.
LNK0024	Directory Numbers (DN) not defined.
LNK0025	Cannot allocate Call Register.
LNK0026	Confirmation not sent. Cannot allocate Call Register.
LNK0027	No response from AUX on last SEND.
LNK0028	Cannot link to IMS/IVMS output queue.
LNK0029	No APL exists in the system.
LNK0030	No APL SDI exists in the system.
LNK0031	APL is up but queue is full.
LNK0032	Interface pack failed to respond.
LNK0033	Interface pack has permanent interrupt.

LNK0034	Phantom message monitor input at application program link.
LNK0035	Phantom message monitor input (AIM link).
LNK0036	Phantom message from message monitor output queue at application program link.
LNK0037	Phantom message from message monitor output queue at AIM link.
LNK0038	Phantom message from packet monitor output at application program link.
LNK0039	Phantom message from packet monitor output at AIM link.
LNK0040	Phantom message from packet monitor input at application program link.
LNK0041	Phantom message from packet monitor input at AIM link.
LNK0042	Message from message monitor output at an illegal link.
LNK0043	Message from message monitor input at an illegal link.
LNK0044	Bad packet message received at application program link.
LNK0045	Bad packet message received at AIM link.
LNK0046	Packet received on application program link does not match with packet sent from AIM.
LNK0047	Packet received on AIM link does not match with packet sent from application program.
LNK0048	Invalid password.
LNK0049	Process ID out-of-range.
LNK0050	Process ID not set.
LNK0051	ESDI number is out-of-range.
LNK0052	Information Services (IS) package is not equipped. Command Status Link (CSL) is not equipped.
LNK0053	Command is not valid for ESDI async port.
LNK0054	Command is not valid if one of the ports is asynchronous.

LNK0055 Command is not valid at current state (e.g., the CON ESDI n command can only be entered if the ESDI is in the ENABLED state).

LNK0056 ESDI logical unit not found.

LNK0057 ESDI_CSL_CRPTR is nil.

LNK0058 ESDI are not in simulator loop around mode. Error message for SMLP command.

LNK0059 For SMLP command, both ports have to be in IDLE state. This indicates one of the ports is not in IDLE state.

LNK0060 ESDI hardware does not respond. The pack may not be plugged in correctly or the device address may be incorrect.

LNK0061 ESDI permanent interrupt.

LNK0062 For SMLP command, ports have to be configured for loop back simulator. Issue CNFG command first.

LNK0063 ESDI is not in CONNECTED state. For DSC ESDI N and ENL CMS N commands, the ESDI has to be in CONNECTED state.

LNK0064 There is no response to the polling message.

LNK0065 For SWCH CMS N1 N2 command, N1 should be in ACTIVE state.

LNK0066 For SWCH CMS N1 N2 command, N2 should be in STANDBY state.

LNK0067 For SWCH CMS N1 N2 command, both links should belong to the same external Server address (VASID).

LNK0068 Invalid ESDI state for the given port or its pair when self test (SLFT) command is issued.

LNK0080 CSL simulator command is not valid until SIM command has been entered.

LNK0081 CSL IO data block not built. This port is defined as CSL port, but no TTY IO block exists.

Action: To correct this, either:

1. manually init, or

2. go through LD 17 entering {cr} to every prompt

LNK0082 This port is not defined as a CSL link

Action: To configure it as a CSL link, in LD 17:

1. add “USER” “CMS” under “IOTB” prompt
2. add port to “CMS” under “VAS” prompt

LNK0083	This CSLSIM message could not be sent because it could not be linked to the CSL output queue.
LNK0084	Input out-of-range.
LNK0085	Current CSLSIM message has a message length of zero.
LNK0086	Incoming CSL message does not match the stored one.
LNK0087	CSL message type is not defined.
LNK0088	CSl link is not active.
LNK0089	Comm TN failed TN translation.
LNK0090	Comm TN out-of-range.
LNK0092	Invalid HEX input.
LNK0100	Loop number out of range for ENIT/ENXT commands.
LNK0101	Incorrect loop type. Depending on the command, the loop must be TERM, DTI, DLI or MISP.
LNK0102	Shelf number out-of-range.
LNK0103	Card number out-of-range.
LNK0104	Card is not configured.
LNK0105	Unit number is out-of-range.
LNK0106	Maximum number of links configured for selection criteria.
LNK0107	Maximum number of TNs stored for link.
LNK0108	All priorities or message types are out-of-range.
LNK0109	Input/Output block does not exist.
LNK0110	SDI pack is not responding.

LNK0111	CND link not configured.
LNK0132	Superloop number must be a multiple of 4.
LNK0133	Incorrect password for MISP message monitor.
LNK0200	You can not disable the input device because it is currently in use.
LNK0201	This is not a CCR link.
LNK0202	This is not a CSL link.
LNK0203	This is not an APL link.
LNK0204	ICP package not equipped.
LNK0205	No ICP links exist in the system.
LNK0206	There is no MCR available for ICPM.
LNK0207	Message type out-of-range: 0-3, 50-61.
LNK0210	Failed to execute the ENL AML # MDL command. **Action:** Try the command again.
LNK0211	AML number is out-of-range.
LNK0212	Failed to execute the DIS AML # MDL command. **Action:** Try the command again.
LNK0213	The command cannot be executed. The input command is illegal.
LNK0214	The command cannot be executed because the CSL package is not equipped.
LNK0215	The command cannot be executed because illegal number of parameters was typed.
LNK0216	The command cannot be executed because the AML number is not valid.
LNK0217	The command cannot be executed because of a syntax error in the command line.
LNK0218	The command cannot be executed because logical AML I/O pointer cannot be setup.
LNK0219	The card type on which the AML is configured is not an MSDL card.

LNK0220	The command cannot be executed because the MSDL card is disabled.
LNK0221	The AML command cannot be processed when the link is disabled or is in process of being disabled.
LNK0222	The command can only be executed when the MSDL AML is in the establish state.
LNK0223	Failed to execute the ENL AML # MON command. **Action:** Try the command again.
LNK0224	Command not executed. AML application layer (i.e., layer 7) is already enabled or is in process of being enabled.
LNK0225	Command not executed. AML application layer (i.e., layer 7) is already disabled.
LNK0226	Failed to execute the DIS AML # MON command. **Action:** Try the command again.
LNK0227	Failed to execute the UPLD AML # TBL# command. **Action:** Try the command again.
LNK0228	The AML is in process of link reset. **Action:** Wait until the process is finished, then execute the command again.
LNK0229	The command can not be executed because the given card type is not ESDI.
LNK0230	STA number is either out of range or does not exist.
LNK0231	STA package is not equipped.
LNK0232	MSDL card is not operational.
LNK0233	Overlay command failed.
LNK0234	Incorrect number of parameters.
LNK0235	Cannot set up MSDL pointers.
LNK0236	Cannot set up STA related pointers.
LNK0237	STA application is enabled, but the administration terminal is not.
LNK0238	STA application is disabled, but the administration terminal is not.

LNK0239 STAT STA command failed.

LNK0241 You cannot disable that STA application from the STA administration terminal.

LNK0266 The Voice Mailbox Administration package is not equipped.

LNK0267 Cannot set up Voice Mailbox Administration application related pointers.

Action: Be sure the application is configured.

LNK0268 The Voice Mailbox Administration application is already enabled.

Action: Get the status of VMBA in LD 48. It may be necessary to disable then reenable the application.

CAUTION: Prior to disabling the application, be sure no audits, uploads, or updates are in process. These will be lost when the application is disabled.

LNK0269 A mailbox database audit or upload is in progress. Only one process at a time can be activated.

Action: Use the STAT command in LD 48 to get application status information.

LNK0270 Cannot activate an upload or audit while the Voice Mailbox Administration application is inactive.

Action: Enable the application prior to performing an audit, or upload.

LNK0271 The Voice Mailbox Administration application is already disabled.

LNK0272 When the Voice Mailbox Administration application is disabled, the audit, upload, and update function are also disabled.

LNK0273 Invalid DN type for the audit or upload command. The DN type must be SCR, SCN, MCR, or MCN.

LNK0274 That DN is not configured with a Voice Mailbox, and cannot be audited.

LNK0275 Invalid password for UIPE BRIT debug option (Overlay 48).

LNK0277 Access database error.

LNK0278 ENL or DIS operation failed.

LNK0279 Set subnet mask operation failed.

LNK0283	STAT SDI LOW, ENL SDI LOW and DIS SDI LOW are invalid commands on Option 11C.
LNK0290	Server Task cannot be disabled when the elan link is active.

Meridian Administration Tools

MAT messages

MAT0001 Successful login.

MAT0002 Successful logout.

MAT0003 Login denied: too many sessions.

Action: Retry later when existing user logs out or is forced off by an administrator.

MAT0004 Login denied: authentication fails. (For example, the wrong password)

Action: Retry with a correct LAPW user name or password. User has to have MAT=3DYes. MAT package has to be enabled.

MAT0006 Forced logout by another user.

MAT0007 Forced logout by the system

Action: Check for network failure or PC crash

MAT0010 Inventory card generation complete.

MAT0011 Inventory sets generation complete.

MAT0012 Inventory card generation aborted.

MAT0013 Inventory sets generation aborted

MAT0014 Error writing to card inventory file; generation aborted.

Action: Try again.

MAT0015 Error writing to sets inventory file; generation aborted.

Action: Try again.

MAT0016 Unable to rename inventory card file; generation aborted.

Action: Try again.

MAT0017 Unable to rename inventory sets file; generation aborted.

Action: Try again.

MAT0018 Queue error; card inventory generation aborted.

Action: Try again.

MAT0019 Queue error; sets inventory generation aborted.

Action: Try again.

MAT0020 Card inventory record(s) lost; generation aborted.

Action: Try again.

MAT0021 Set inventory record(s) lost; generation aborted.

Action: Try again.

MAT0022 Unable to close inventory card file; generation aborted.

Action: Try again.

MAT0023 Unable to close inventory sets file; generation aborted.

Action: Try again.

MAT0024 Inventory cannot create 'inv' directory!

MAT0025 WARNING!!! ESN, MIN, DSPL, and DSPT are not transmitted to the switch if VISI = YES.

MAT0026 Transmitted to the switch if VISI = YES.

MAT0027 If short hunt is configured (HUNT = 000), then Key 1 must be configured as an SCR with the same DN as Key 0.

MAT0028 Location referenced by CPND Name entry not found in station.

MAT0029 ERROR!!! DECT is only valid for WRLS = YES.

MAT0030 DECT is supported only on a DMC or DMCE card.

MAT0031 Non-default values (CNUA, CNUS, and CNAA) of Calling Number and Name Delivery are not allowed for a DIG set.

MAT0032	Loop number must be 2,4,6,12,14, or 16.
MAT0033	Loop number must be 1,3,5,7,8,9,11,13,15,17,18, or 19.
MAT0034	Loop number must be 1,3,5,7,8,9,10,11,13,15,17,18, or 19.
MAT0035	VMA and card slot #10 are only applicable to M2008 or SL1 sets. In addition, VMA requires the set configured on card slot #10.
MAT0036	Card slot #10 must have unit 0,1,2,3,8,9,10, or 11.
MAT0037	Key RLS requires CLS VMA.
MAT0038	If MWUN =32, then CDEN must be octal density.
MAT0039	Loop number must be 2,4,6,12,14,16,22,24,or 26.
MAT0040	Loop number must be between 1 -30.
MAT0041	If MMA and FLX, then DTMK must be default.
MAT0042	CLSs VCE, UNR and WTA are required for CLS MMA.
MAT0043	MMA should be allowed for cards NTRB18 or NTRH14.
MAT0044	MMA can be allowed only for cards NTRB18 or NTRH14.
MAT0045	If MWUN = 16, then CDEN must be Quad density.
MAT0048	XMWK and RMWK are not configurable for MMT sets.
MAT0049	SCH1961/SCH1962 - For M3905, key 05 must be NUL in order for the application key to be operational. The Application key is required in order to access Corporate Directory or User-configuration for Set-to-Set Messaging.
MAT0050	CFTA = CFTD then delete EHT and EFD entries.
MAT0051	If AGRA is Denied, MOAA must not be allowed.

MCT: Malicious Call Trace

MCT messages

MCT0604	Test case number does not match its test data.
MCT0606	It is not applicable to Network/DTR card.
MCT0652	MISP expediated buffer not available.
MCT0653	MCT results received of an unknown test.
MCT0654	Cannot do loopback on a non-BRI line card.
MCT0655	Data corruption.
MCT0656	The BRI line card is not assigned to the MISP.
MCT0657	No line cards defined at the given TN.
MCT0658	Not an MISP card.

MEM: Memory Management (LD 29)

LD 29 is used to check the amount of unused memory available to accommodate substantial amounts of new data to be added, and to respond to error messages SCH0601 and SCH0603.

MEM messages

MEM0000	Program Identifier.
MEM0001	Invalid keyword, or incorrect password entered.
MEM0002	Incorrect number of parameters.
MEM0003	Invalid parameter.
MEM0005	Request valid for XL systems only.
MEM0010	Dump map has been made identical to active map.
MEM0011	No change from present assignment.
MEM0012	Map was not changed before CHK command.
MEM0101	Maximum logical page size exceeded by response to MSG.
MEM0102	Maximum logical page size exceeded (TYNM/PGBY).
MEM0103	Parameter out-of-range. Check and re-enter response.
MEM0104	Unequipped package.
MEM0110	Attempt to assign page to wrong memory type.
MEM0111	Attempt to assign page to an unequipped memory.

MEM0112	Invalid logical page number.
MEM0113	Specified page is assigned to an unequipped memory.
MEM0120	Warning: Free space will likely be below safety limit.
MEM0121	Map check failed; page(s) will not likely fit.
MEM0150	Automatic map generator routine failed.

MFC: Multifrequency Compelled Signaling (LD 54)

Multifrequency Compelled Signaling (MFC) or Multifrequency Signaling (MFE) provides a handshaking facility between the SL-1 and the Central Office or Public Exchange (CO/PE) or between other PBXs over network/Tie trunks.

The format of an MFC message is MFCxxx MFCTN TRKTN X1-X5

Where:

MFCTN = MFC register TN (packed format)

TRKTN = Trunk TN of the CMFTN (packed format)

X1-X5 = the first six words of the unprotected MFC block for the unit used

MFC messages

MFC0000	Program 54 identifier.
MFC0001	Invalid input, number of characters in one field are greater than four (X08). Noisy pack H/W (X11).
MFC0002	Invalid input (datatype) (X08). Large twist (hardware) (X11).
MFC0003	Invalid input, command field unknown (X08). Three frequencies (hardware) (X11).
MFC0004	Invalid input, too many parameters (X08). No interdigit pause (hardware) (X11).
MFC0005	Last command is still in progress (X08). Invalid decision (hardware) (X11).

MFC0006	Invalid TN (X08). MFC pack firmware fault (hardware) (X11).
MFC0007	Invalid DOD trunk (X08). Undefined error (hardware) (X11).
MFC0008	Trunk is busy or disabled (X08). Software timeout (software) (X11).
MFC0009	Invalid TN. Shelf out-of-range (0 to 3) (X08). Not ready to send (software) (X11).
MFC0010	Invalid TN. Card out-of-range (1 to 10) (X08). Undefined function/signal (software) (X11).
MFC0011	Invalid Set TN (X08). MFC table not defined (software) (X11).
MFC0012	Defined set is busy or disabled (X08). Invalid backward (BWD) signal received; call cleared down (software) (X11).
MFC0013	Invalid signaling type (X08). Invalid FWD signal received; call cleared down (software) (X11).
MFC0014	Signaling type not defined (X08).
MFC0015	Signaling type already defined (X08). Invalid TRKTYPE attempting MFC signaling (software) (X11).
MFC0016	Command not valid for MFE signaling (X08).
MFC0017	Trunk busy, DSI timing (X08).
MFC0018	Use loop and channel for digital loop TN (X08).
MFC0019	Invalid digital loop TN (X08).
MFC0020	No MFC incoming table defined for route (software) (X11).
MFC0021	No MFC outgoing table defined for route (software) (X11).

MFD: Multifrequency Signaling Diagnostic (LD 54)

Multifrequency Compelled Signaling (MFC) or Multifrequency Signaling (MFE) provides a handshaking facility between the SL-1 and the Central Office or Public Exchange (CO/PE), or between other PBXs over network/ Tie trunks.

The MFD Overlay program is used to diagnose, display or change the status of the MFC or MFE send/receive (S/R) cards. The program resets all available MFC or MFE cards (both channels idle) and performs loop-back tests during the midnight routines. After every SYSLOAD or power-up, all available MFC or MFE cards are initialized.

MFD messages

MFD0000 Program 54 identifier. MFD is ready for input commands.

MFD0001 Invalid input. Number of characters in one field is greater than four.

Action: Check input. Re-enter the command.

MFD0002 Invalid input. Wrong data type.

Action: Check input. Re-enter the command.

MFD0003 Invalid input. Command field unknown.

Action: Check input. Re-enter the command.

MFD0004 Invalid input. Too many parameters.

Action: Check input. Re-enter the command.

MFD0005 Previous command still in progress.

Action: Check input. Re-enter the command.

MFD0006 Wrong/unequipped customer.

Action: Check input. Re-enter the command.

MFD0007 Wrong argument/invalid parameters.

Action: Check input. Re-enter the command.

MFD0008 Invalid TN. Loop out-of-range 0 to 159.

Action: Re-enter command.

MFD0009 Invalid TN. Shelf out-of-range (0 to 3).

Action: Re-enter the command.

MFD0010 Invalid TN. Card out-of-range (1 to 10).

Action: Re-enter the command.

MFD0011 Invalid TN. Unit out-of-range (0 to 1).

Action: Re-enter the command.

MFD0012 Wrong Argument. Digit out-of-range (1 to 30).

Action: Re-enter the command.

MFD0013 Wrong Argument. Level out-of-range (0 to 7).

Action: Re-enter the command.

MFD0014 Specified TN is not equipped to be MFC or MFE channel.

Action: Check input. Re-enter command.

MFD0015 MFC or MFE channel is busy. No action.

MFD0016 MFC or MFE channel found faulty but has not been disabled. Given after ATST command or in response to test initiated by system. TN and failed digit are both output.

Action: For repeated failures, replace card.

MFD0017	MFC or MFE channel found faulty and has been disabled. Given after ATST command or in response to test initiated by system. TN and failed digit are both output. **Action:** For repeated failures, replace card.
MFD0018	MFC or MFE channel found faulty but has not been disabled. Given after MTST command. TN, failed digit and signal level received are all output. **Action:** For repeated failures, replace card.
MFD0019	MFC or MFE channel found faulty and has been disabled. Given after MTST command. TN, failed digit, and signal level received are all output. **Action:** For repeated failures, replace card.
MFD0020	Timeout, no response. Channel not disabled. Given after ATST, MTST commands and midnight test. **Action:** For repeated failures, replace card.
MFD0021	Timeout, no response. Channel is disabled. Given after ATST, MDST commands and midnight test. **Action:** For repeated failures, replace card.
MFD0022	Timeout, no response. Card level, channel or channels are not disabled. Given after initialization. **Action:** For repeated failures, replace card.
MFD0023	Timeout, no response. Both channels are disabled. Given after initialization. **Action:** For repeated failures, replace card.
MFD0024	MFC cordage restricted, Overlay not loaded.
MFD0030	Corrupted data, loop density out-of-range (0 to 2).
MFD0031	Corrupted data, unit information out-of-range (0 to 15).
MFD0032	Self-test failed. Channel is not disabled.
MFD0033	Self-test failed. Channel is disabled
MFD0034 tn yy	Self-test failed, and XMFC/XMFE card disabled (all units) Where: tn= loop, shelf and card, yy = result. Where yy =

00- Self-test O.K.

01- DS-30X Toggle Fail

02- DSP EPROM Low Fail

03- DSP EPROM High Fail

04- DSP RAM 0 Low Fail

05- DSP RAM 0 High Fail

06- DSP RAM 1 Low Fail

07- DSP RAM 1 High Fail

08- DSP RAM 2 Low Fail

09- DSP RAM 2 High Fail

0A- DSP DS-30X RAM 0 Fail

0B- DSP DS-30X RAM 1 Fail

0C- DSP Latch Timeout

0D- DSP Invalid Configuration

0F- DSP General Fail

10- 80C31 AROM Fail

11- 80C31 RAM Fail

12- 80C31 MPU Fail

13- DSP Timeout Fail

14- A07 Register Fail

15- Card-Lan Fail

16- EEPROM Fail

17- Invalid Message from Meridian SL-1

2x- DID Loopback Fail (x = digit)

3x- DOD loopback Fail (x = digit)

MFD0035 l s c — Timeout due to no response. The XMFC/XMFE card missing or disabled (all units), where: l s c = TN information (loop, shelf, card)

MFD0036 — ATST/MTST commands not supported on Card 0 MFC/MFE/MFK5/MFK6 units.

MFD0037	New MFC / MFE / MFK5 / MFK6 units on Card 0 can only be enabled using ENLX in LD 34. **Action:** To enable these units, go into LD 34 and perform ENLX0.
MFD0038	Invalid TN. Unit out-of-range (0-31).
MFD0039	Wrong argument. Level out-of-range(0-15).
MFD0040	Corrupted data. Loop density out-of-range.
MFD0041	Invalid TN. Card out-of-range (0-15).
MFD0042	This command is supported in Overlay 32.

MFE: Multifrequency Signaling Diagnostic (LD 54)

The MFE messages identify software/hardware errors during call processing.

Output is in the format of: MFExxx MFETN TRKTN,

Where:

xxx is the Error code number

MFETN is the MFE register TN (packed format).

TRKTN is the Trunk TN associated with the MFETN (packed format).

MFE messages

MFE0001	Noisy Multifrequency Signaling (MFE) pack hardware.
MFE0002	Large twist (hardware).
MFE0003	Three frequencies (hardware).
MFE0004	No inter-digit pause (hardware).
MFE0005	Invalid decision (hardware).
MFE0006	MFE pack firmware fault (hardware).
MFE0007	Illegal signal 11 to 15 not supported (hardware).
MFE0008	Signal sent is invalid at this time (hardware).
MFE0009	Software timeout (software).
MFE0010	Undefined/invalid signal received (software).

MFE0011	Signal not expected (software).
MFE0012	Undefined function (software).
MFE0013	Outgoing calls not allowed (software).
MFE0014	MFE table not defined (software).
MFE0015	Not ready to send (software).

MFK: Multifrequency Signaling for KD3

MFK messages

MFK0001	Noisy MFK pack
MFK0002	Large twist
MFK0003	Three frequencies
MFK0004	No interdigit pause
MFK0005	Invalid decision
MFK0006	MFK pack firmware fault
MFK0007	Illegal signal
MFK0008	Signal sent is invalid at this time
MFK0009	Software timeout
MFK0010	Undefined signal received
MFK0011	Signal not expected
MFK0012	Undefined function
MFK0014	MFK table not defined
MFK0015	Not ready to send

MFR: Multifrequency Receiver

The Multifrequency Receiver card receives multifrequency signals for the Feature Group D package.

MFR messages

MFR0001 l s c u MFR unit did not respond. The specified MFR unit has been disabled. Replace the indicated card.

MFR0002 l s c n Self-test of MFR card failed, where: n is the failure description.

1 = EPROM failed

2 = Processor failed

3 = Invalid result

The specified MFR card has been disabled.

Action: Replace the indicated card.

MFR0003 tn n1 n2 nn MFR unit failed MF tones test, where n1, n2, etc. is the list of input messages received by the MFR. In a successful test, 30 input messages are received, corresponding to KP, 0-9, ST, ST', ST'' and ST'''. Each tone input messages is followed by an interdigit silence input message.The specified card has been disabled.

Action: Replace the indicated card. Suspect faulty MFS if fault persists or if MFR units on more than one card are shown faulty.

MFS: Multifrequency Sender Diagnostic for ANI (LD 46)

The Multifrequency Sender card provides multifrequency signals of Automatic Number Identification (ANI) digits over Centralized Automatic Message Accounting (CAMA) trunks to a toll switching CAMA, Traffic Operator Position System (TOPS) or Traffic Service Position System (TSPS).

The MFS diagnostic program is used to maintain the MFS cards. Problems are identified in MFS messages.

MFS messages

MFS0000 Program identifier. No action required.

MFS0001 Invalid command. Only the commands listed are allowed.

MFS0002 Incorrect use of command.

Action: Refer to command table for correct parameters.

MFS0003 The customer specified does not exist or is out-of-range.

MFS0004 Loop specified is out-of-range.

MFS0005 This command is only allowed to be used from an SL-1 maintenance set.

Action: Abort program and reload from an SL-1 telephone designated as a maintenance device.

MFS0006 Could not establish a channel connection between the SL-1 maintenance telephone and the MF sender.

Action: Run a signaling diagnostic to find the cause.

MFS0020 loop MF sender failed to respond. Minor alarm lamp lit on attendant console.

Action: Ensure that faceplate switch is set to ENABLE and that the card is inserted properly. If MF Sender still fails to respond, the card is faulty.

MFS0021 loop MF sender has a channel memory fault.

Action: Replace card.

MFS0022 loop MF sender has a digit buffer memory fault.

Action: Replace card.

MFS0023 loop d MF sender does not outpulse for the digits d listed.

Action: Replace card.

Only applications with NT or XT machine types can disregard this message. Operation of the MFS card is unaffected.

MFS0024 loop MF sender has a fault in the FIFO stack memory. This fault is not service affecting.

Action: Replace card.

MFS0100 On ENLX (enable Conference/TDS/MFS card) did not receive the message verifying download completion within six seconds.

Action: Disable the card (DISX) and retry the Enable (ENLX) command.

MFS0101 Timeout on Digit Interrupt for Conference/TDS/MFS card.

MFS0102 Cannot use the ENLX (Enable) or DISX (Disable) commands on a non-Conference/TDS/MFS card.

MFS0103 The Conference/TDS/MFS card is already enabled/disabled

MFS0104 Received an unexpected message from a Conference/TDS/MFS card.

MISP: Multi-purpose ISDN Signaling Processor

The MISP messages report problems with the MISP card and its applications.

MISP messages

MISP0100 x
The CSTAT and CSUBSTAT fields on MISP x indicate that the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Selftests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card. Where: x = loop number

MISP0101 x
The CSTAT field on MISP x indicates that the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as MISP302. Where: x = loop number

MISP0102 x
No response was received from MISP x to a background polling message sent periodically to each MISP. The purpose of this message is to ensure that the card is capable of receiving and sending messages. Where: x = loop number

MISP0103 x
An Overlay was waiting for a message from MISP x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received. Where: x = loop number

MISP0104 x
The MISP background audit sent a message to MISP x and did not receive a response. Where: x = loop number

MISP0106 x appl
The MISP audit detected that there was no response to a maintenance message originated by application “appl” on MISP x.

Where: x = loop number

appl = the application name

MISP0107x appl y The Meridian 1 was unable to determine if downloading was necessary. Three fields accompany this message: x = the MISP loop number, appl = the application name.

The third field (y) contains a value for design use only. An SDL error message should accompany this message and describe the reason for the failure.

MISP0108 x appl Application “appl” on MISP x needs to be downloaded to the card. Downloading begins as soon as there is no overlay loaded. Where: x = loop number

MISP0112 x MISP x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian1 will attempt to enable the card. Where: x = loop number

MISP0201 x appl MISP x sent a message to the Meridian 1 indicating application “appl” data space has been corrupted.

Where: x = loop number

appl = the application name.

MISP0202 x appl MISP x sent a message to the Meridian 1 indicating that application “appl” on the card unexpectedly disabled itself (performed a “close”).

Where: x = loop number

appl = the application name.

MISP0204 x appl The Meridian 1 searched the system disk to find a version of an application “appl” for MISP x, and found none.

Where: x = loop number

appl = the application name.

MISP0205 x appl y z An error was encountered when searching the system disk to find a version of application “appl” for MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

MISP0206 x appl y z An error was encountered when comparing a version of application “appl” on the system disk with a version on MISP x.

Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

MISP0207 x appl y z An error was encountered when downloading application “appl” to MISP x. Where: x = loop number

appl = the application name

y and z are for design use only

Action: Refer to an accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

MISP0208 x When preparing to download the base software to MISP x, the card indicated that some kind of fatal error was encountered. Where: x = loop number.

Action: Execute selftests before attempting any other action regarding this card.

MISP0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer.

The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode. Where: x = MISP loop number. y and z are for design use only.

MISP0300 data The MISP background audit has changed the state of the card. In the cases where the card was previously enabled and now is no longer enabled, another MISP message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: MISP300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = MISP loop number (in decimal)

aaaa = the status of the MISP prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when “TO: SYS DSBL - FATAL ERROR")

MISP0301 x y z An expedited data unit (XDU) was received. The Meridian 1 is not expecting MISP x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed.

There is no specific action to be taken; however, the message indicates that the incoming message from the card was not processed due to the state change.

MISP0302 x y Access to the memory space shared by the Meridian 1 and the MISP (Shared RAM) has been momentarily suspended by MISP x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = loop number

y = the reason for the suspension

Currently the only reason supported is the value 1, indicating that some kind of buffer corruption was detected.

MISP0303 x y The Meridian 1 detected corruption in the receive ring, or the transmit ring, or both, causing access to the memory space shared by the Meridian 1 and MISP x (Shared RAM) to be momentarily suspended.

There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = loop number and y = a decimal number indicating where the corruption was detected.

1 = receive ring

2 = transmit ring

3 = both receive and transmit rings.

MISP0305 x y The Meridian 1 has received 100 or more messages from MISP x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = loop number

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second).

MISP0306 x y The Meridian 1 has received 100 or more messages from the MISP x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = loop number

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second).

MISP0307 x data MISP x encountered a fatal error. Where: x = loop number. The output data is information read from the card regarding the error and is intended for design use only.

MISP0308 x y appl da MISP x reported that it received a message with an invalid (bad) Socket ID. Where:

x = loop number

y = socket ID

appl = application name

data = up to eight words of hex data representing the message sent

MISP0451 <cardAddress> <cardIndex> <invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH driver.

Action: If the problem does not clear automatically, disable and then enable the card.

MISP0452 <cardAddress> <cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MISP0453 <cardAddress> <cardIndex> The MMIH driver failed to send an RFC message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MISP0454 <cardAddress> <cardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the MSDL/MISP card. If the problem persists, contact your technical support group.

MISP0455 <cardAddress> <cardIndex> The MMIH driver failed to send the Start UIPE Call Rebuild message through RFC to the SL1 task.

Action: The call rebuild operation for that MSDL will fail. If necessary disable and then enable the MSDL/MISP card. If the problem persists, contact your technical support group.

MISP0456 <blockSize> The MMIH driver failed when it allocated memory of the size blockSize for the buffer pool. The system is probably out of memory and cannot communicate with the MSDL/MISP cards.

Action: Contact your technical support group.

MISP0457 <first 16 words of msg> the MMIH has found a buffer in the Rx Ring message queue with an expired timestamp. The SL1 application has not processed the buffer's content promptly or the SSD message to the SL1 task was lost. The buffer's timestamp is reset and the buffer is returned as a free buffer. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Check the traffic report. Excessive traffic can cause a delay in the core CPU.

MISP0458 <first 16 words of msg> The MMIH has found a buffer in the Tx Exp message queue with an expired timestamp. The message timed out while being sent to the card. The buffer is overwritten with the new message data. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Disable and then enable the card. If the problem persists replace the card.

MISP0459 The MMIH has found a null physical I/O block pointer. The I/O pointer is corrupted and will prevent the system from communicating with the MSDL/MISP cards.

Action: Contact your technical support group.

MISP0460 <cardIndex> The MMIH driver has found that the card index is out of range. The card index is corrupted and will prevent the system from communicating with the MSDL/MISP card.

Action: Contact your technical support group.

MISP0461 <cardAddress> <rtclock> <maintenancePegs> A query base code message was sent by the MMIH after finding the SRAM suspended. maintenancePegs is a list of peg counts kept by the card's maintenance task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0462 <cardAddress> <rtclock> <msl1Pegs> This message is printed in series with MISP0461. msl1Pegs is a list of peg counts kept by the card's SL1 messaging interface task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0463 <cardAddress> <rtclock> <debugPegs> This message is printed in series with MISP0462. debugPegs is a list of peg counts kept by the card's debug task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0464 <cardAddress> <rtclock> <utilityPegs> This message is printed in series with MISP0463. utilityPegs is a list of pegs kept by the card's Layer 1 task.

Action: Information only. If the problem persists disable and then enable the card.

MISP0465 <cardAddress> <rtclock> <returnCode> This message is printed in series with MSDL0464. utilityPegs is a list of pegs kept by the card's utility task.

Action: Information only. If the problem persists, disable and then enable the card.

MISP0466 <cardAddress> <rtclock> <returnCode> The Interface Audit's polling message cannot be sent to the card's ring interface. The returnCode is the reason why the message has not been sent. The following returnCode values can appear:

0 - request failed (null message pointer , empty data socket)

1 - request succeeded

2 - no operation (invalid card state)

4 - flow control

5 - no buffer

6 - socket ID is suspended

7 - ring is not operational

8 - invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

MISP0467 <cardAddress> <cardIndex> <rtclock> The SRAM Suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100 msec.

Action: Information only. If the problem persists disable and then enable the card or replace the card.

MISP0468 <cardAddress> <cardIndex> <rtclock> <returnCode> <socketId> <applicationID 'First 8 words of the msg'> The application's message cannot be sent to the ring and the reason code is other than no buffer.

socketID is the socket for the message to be sent.

applicationID identifies the transmitting application.

The first 8 words of the message are displayed in hex.

returnCode contains the actual value returned by the procedure and contains one of the following values.

0 - request failed (null message pointer, empty data socket).

1 - request succeeded

4 - flow control

5 - no buffer

6 - socket ID is suspended

7 - ring is not operational

8 - invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

MISP0469 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the transmit ring is in the interface full state.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MISP0470 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MISP0471 <cardAddress> <cardIndex> <rtclock> <messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

MISP0472 <cardAddress> <cardIndex> <rtclock> <messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the problem persists, disable and then enable the card.

MISP0474 <cardAddress> <cardIndex> <rtclock> <socketId> <applicationId> <'First 8 words of the msg'> A no buffer condition has been encountered while attempting to send a message to the transmit ring. The first 8 words of the message are displayed in hex. The socketID is the socket for the message to be transmitted. The applicationID is the application sending the message.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MISP0475 <cardAddress> <cardIndex> <rtclock> <tempNoBufferCount total/NoBufferCount rtclockOfFirstNoBuffer> <'60 Tx descriptor words'>

This message is printed when the first line of corrective action (suspending the transmit ring) is taken. It displays the contents of the error detection variables and the descriptor words of all buffers in the transmit ring. It is printed in series with MSDL0476 and MSDL0477. The variables are:

tempNoBuffercount - number of consecutive no buffer occurrences since the last successful write to the transmit ring.

totalNoBufferCount - total number of no buffer occurrences for the card.

rtclockOfFirstNoBuffer - rtclock value at the time of the first no buffer occurrence following the last successful write to the transmit ring.

descriptor words - all 60 descriptor words are printed (in hex), six to a line.

Action: Information for debugging only. The problem will clear automatically. If this does not happen, disable and then enable the card.

MISP0476 <cardAddress> <cardIndex> <rtclock> <currentIndex descriptorBlockAddress> <bufferSize> <numberOfBuffers> <transmitRingAddress> <transmitRingState> This message displays pertinent variables kept by the MMIH driver for the transmit ring. It is printed in series with MSDL0475 and MSDL0477. The variables printed are:

currentIndex - the MMIH's current index into the transmit ring's buffers (head pointer)

descriptorBlockAddress - offset of the descriptor block in the SRAM.

bufferSize - size of the buffers in the transmit ring.

numberOfBuffers - number of buffers in the transmit ring.

transmitRingAddress - address of the transmit ring in the card's SRAM.

transmitRingState - current state of the transmit ring.

Action: Information for debugging only. Problem will clear automatically. If this does not happen, disable and then enable the card.

MISP0477 <cardAddress> <cardIndex> <rtclock> <'44 SRAM configuration block words'> This message displays the contents of the SRAM configuration block. It is printed in series with MSDL0457 and MSDL0476.

configuration words - all 44 descriptor words are printed (in hex), four to a line.

Action: Information for debugging only. Problem will clear automatically. If this does not happen disable and then enable the card.

MOB: Mobility

MOB Messages

MOB0000 Mobility System is initializing. Service will be available in a short period of time. Ignore {parm1}.

MOB0001 Mobility OAM task has restarted. {Ignore parm1}.

Action: Contact your technical support group.

MOB0002 Mobility MSP task has restarted. Ignore (parm1).

MOB0003 Message value passed for RFC call for system level messages is not supported. Ignore {parm1,2,3,4}.

Action: Contact your technical support group.

MOB0050 Mobility subsystem has been manually shutdown by the cellular operator. Mobility service is no longer available.

Action: Contact the cellular operator to determine the reason for the shutdown.

MOB0052 First scheduled keep-alive heartbeat was not received from the cellular operator. Mobility service is still available.

Action: Contact the cellular operator to determine the reason for the heartbeat failure.

MOB0053 Second scheduled keep-alive heartbeat was not received from the cellular operator. Mobility service is still available but will be disabled if another heartbeat failure occurs.

Action: Contact the cellular operator to determine the reasons for the heartbeat failure.

MOB0054 Mobility subsystem has been automatically shutdown due to a keep-alive heartbeat failure. Mobility service is no longer available.

Action: Contact the cellular operator to determine the reason for heartbeat failure.

MOB0100 Cannot enable the zone because there are no registered cells.

Action: Create a cell and assign it to the Zone.

MOB0101 Zone is locked from an Unlocked, Idle and Enabled state.

MOB0102 The zone could not register with a childcell as an usage state change client.

Action: Delete the cell and create it again. Also notify design.

MOB0103 Cell does not have any radios available to configure a CCH.

Action: Add a radio to the Cell.

MOB0104 Cell does not have a CCH.

Action: Control Channel Redundancy failed. If all radios are busy:

1. wait until calls on a radio ends

2. lock and unlock one of the radios to forcefully drop the calls and make the radio transmit on the CCH.

3. add one more radio to the cell.

MOB0105 CCH failed. Redundancy in progress. Self clearing alarm. If redundancy works, this alarm will be cleared. If the redundancy operation fails, this alarm will the cleared and (RESOURCE_MGMT, 102) will be raised.

MOB0106 Cell is locked from Active usage state. Any active cells were dropped.

MOB0107 Parent Zone is locked when the Cell was in Active state. Current operational state of cell is Disabled with Dependency.

MOB0108 Link deactivation failed.

Action: Lock the CCH radio.

MOB0109 Cell could not deregister as an usage state change client from the radio.

Action: Contact your technical support group.

MOB0110 Cell could not register with a radio as an usage state change client.

Action: Delete the radio and add it again. If the problem persists, contact your technical support group.

MOB0111 An insert of a HandOffPath into a Cells list failed.

Action: Delete the HandOffPath and add it again. If the problem persists contact your technical support group.

MOB0112 Cell is Locked/Shutdown from UIEwPartOfServicesLocked state.

MOB0113 Trying to register a radio having an unknown usage state with the cell.

Action: Delete the radio and add it back. Contact your technical support group if the problem persists.

MOB0114 Register as a radio client failure.

Action: Delete the radio and add it back. Contact your technical support group if the problem persists.

MOB0115 Unsupported radio capability.

Action: Check the radio capability. Delete the radio and add it back.

MOB0116 Registration with a radio as a state change client failed.

Action: Delete the radio and add it back. Contact your techniuport group.

MOB0117 Creation of M1 Port failed.

Action: Contact your technical support group.

MOB0118 Xcoder Card was not found in the XcoderCard List.

Action: Contact your technical support group.

MOB0119 Xcoder Tag was not found in the Xcoder Tag list.

Action: Contact your technical support group.

MOB0120 Xcoder Tag List is not empty during the destructor of Xcoder Allocator.

Action: Contact your technical support group.

MOB0121 Xcoder Card received an unknown message from the MXC.

Action: Contact your technical support group.

MOB0122 An invalid MXC function code was passed from MxcOam Server.

Action: Contact your technical support group.

MOB0123 CtsRadio does not have a valid MXC parent.

Action: Delete the radio and add it back.

MOB0124 Transceiver does not have a flash load.

Action: Download the radio.

MOB0125 Transceiver does not have a ROM load.

Action: Contact your technical support group.

MOB0126 Transceiver fault detected.

Action: Contact your technical support group.

MOB0127 Transceiver Flash load unknown.

Action: Contact your technical support group.

MOB0128 Transceiver ROM load unknown.

Action: Contact your technical support group.

MOB0129 CtsRadio Flash version mismatch.

Action: Decide whether to download the radio.

MOB0130 CtsRadio ROM version mismatch.

Action: Contact your technical support group.

MOB0131 Transceiver PEC not set.

Action: Contact your technical support group.

MOB0132 Locking Cts Radio.

Action: Contact your technical support group.

MOB0133 Shutting down Cts Radio.

Action: Contact your technical support group.

MOB0134 Cts Radio is being moved to another Cell.

MOB0135 Cts Radio tcmPort mismatch.

Action: Delete the radio and add it back.

MOB0136 Invalid capability length.

Action: Contact your technical support group.

MOB0137 Bind to a remote ORB object failed.

Action: Contact your technical support group.

MOB0138 Method invocation on a remote ORB object failed.

Action: Contact your technical support group.

MOB0139 A pointer (to a remote or local object/structure/simple data member) failed validation. Either zero or a NullProxy.

Action: Contact your technical support group.

MOB0140 Memory Allocation Error. A dynamic memory allocation failed.

Action: Contact your technical support group.

MOB0150 A DSP failed and could not be rebooted. The card may continue to work with decreased capacity provided other DSPs are still available.

Action: Reboot the card to restore full capacity.

MOB0151 All DSPs have failed. MXC card is no longer operational.

Action: Reboot card. If the problem persists, replace the card.

MOB0152 DSP configuration for TDMA 3 has failed.

Action: Reboot the card.

MOB0153 A DSP debugger has been started from the front panel DIN-8 connector. All calls in progress should be maintained but all new call requests will be rejected.

MOB0154 The DSP debugger has been exited.

MOB0155 Mismatch between basecode load and version file.

Action: Reboot the card. If the problem persists, verify proper installation of the MXC basecode.

MOB0156 Hardware Initialization Failure. Failed to initialize communication link with radios.

Action: Reboot the card. If the problem persists, replace the card.

MOB0157 Hardware Initialization Check Failure. Indicates a problem encountered during initialization, when a sanity check is performed by the radio link software, following a chip reset. One of the A31 internal registers, read by the software, was initialized with an invalid value. The A31 chip on the MXC card may be inoperational.

The error code indicates that one of the following A31 registers' initial value did not match the specified value:

02 MSTAT

03 ATEST

04 PRES

05 TBUF0

06 TBUF1

07 TBUF2

08 CONFI

09 IDLE

Action: Reboot the card. If the problem persists, replace the card.

MOB0158 Software Initialization Failure. The pSOS+ operating system was not able to allocate a memory segment for use by the radio link software.

Action: Reboot the card. If the problem persists, replace the card.

MOB0159 Software Initialization Failure. The pSOS+ operating system was not able to allocate a memory region for use by the radio link software.

Action: Reboot the card. If the problem persists, replace the card.

MOB0160 Software Initialization Failure. The pSOS+ operating system was not able to allocate a buffer partition from the memory segment used by the radio link software.

Action: Reboot the card. If the problem persists, replace the card.

MOB0161 Software Initialization Failure. The pSOS+ operating system failed in creating one or more radio link processes.

Action: Reboot the card. If the problem persists, replace the card.

MOB0162 Software Initialization Failure. The radio link software failed in the execution of one or more of its process (task) initialization routines.

Action: Reboot the card. If the problem persists, replace the card.

MOB0163 Software Initialization Failure. The pSOS+ operating system failed in starting one or more radio link processes.

Action: Reboot the card. If the problem persists, replace the card.

MOB0164 The radio link queue manager utility could not enqueue new buffers. The queue can hold up to 255 buffers.

Action: Reboot the card. If the problem persists, replace the card.

MOB0165 The pSOS+ operating system could not obtain a buffer from the buffer partition reserved for use by the radio link software. Error codes is a 4 bytes field which indicates the pSOS+ error code. This is not for NT use only.

Action: Reboot the card. If the problem persists, replace the card.

MOB9997 This is an SL1 mobility debug message. It should not be output unless NT support personnel are debugging.

Action: Contact your technical support group.

MOB9998 This is a mobility debug message. It should not be output unless NT support personnel are debugging.

Action: Contact your technical support group.

MOB9999 An undocumented mobility event was reported.

Action: Contact your technical support group.

MPH: Meridian Packet Handler

MPH messages

MPH0000	No error on interface operation.
MPH0001	Invalid info pointer passed to MPH_MAINT.
MPH0002	Invalid TEI.
MPH0003	Invalid loop.
MPH0004	Invalid protected loop pointer.
MPH0005	Invalid unprotected loop pointer.
MPH0006	Invalid unprotected interface pointer.
MPH0007	No MPH application.
MPH0008	Invalid interface type.
MPH0009	Invalid interface index.
MPH0010	Invalid interface timeslot.
MPH0011	Invalid message ID.
MPH0012	MPH Loop is disabled.
MPH0013	MPH application is disabled.
MPH0014	MPH interface maintenance activity in progress.
MPH0015	Unable to obtain a Call Register for MPH maintenance.
MPH0016	Invalid MPH maintenance progress marker.

MPH0017	Time out: MPH maintenance activity has taken too long.
MPH0021	No buffer available to send message.
MPH0022	Unable to send message.
MPH0023	Interface is not in manual disabled state.
MPH0024	Invalid MPH maintenance sub-progress marker.
MPH0025	Interface is in manual disabled state.
MPH0030	The interface TN is undefined.
MPH0031	Invalid interface state change.
MPH0032	Build interface dedicated connection failed.
MPH0033	MPH maintenance message timeout.
MPH0035	Invalid interface maintenance request.
MPH0036	Unable to send message to MISP.
MPH0037	Error indication received: interface enable/disable failed.
MPH0041	Download interface data failed.
MPH0042	Download interface data timeout.
MPH0043	Unable to download.
MPH0045	Download TSP data failed.
MPH0046	Download TSP data timeout.
MPH0047	Download DNA Table failed.
MPH0048	Download DNA Table timeout.
MPH0049	Download D-ch TSP data timeout.
MPH0050	Download D-ch TSP data failed.
MPH0061	D-ch interface enable timeout.
MPH0062	D-ch interface enable failed.

MPH0063	D-ch interface disable timeout.
MPH0064	D-ch interface disable failed.
MPH0200	Unsolicited response for DCH/BCH term state update.
MPH0201	Indication message received for maintenance pending message.
MPH0202	Conference message received for maintenance pending message.
MPH0203	Indication message received for clear maintenance pending message.
MPH0204	Conference message received for clear maintenance pending message.
MPH0205	Response message for state update message for undefined IF.
MPH0206	Response message for status request message for undefined IF.
MPH0207	Indication message for status request message.
MPH0208	Conference message for status request message.
MPH0209	Response message for error log upload request.
MPH0210	Unsolicited response for NWIF, SAPI16 IF state change.
MPH0215	Received indication message for audit request message.
MPH0300	MPH application data has downloaded.
MPH0301	L2 protocol has downloaded.
MPH0302	L3 protocol has downloaded.
MPH0303	Interface Data has downloaded.
MPH0304	MPH TSP data has downloaded.
MPH0305	PVC data has downloaded.
MPH0306	DNA data has downloaded.
MPH0307	TFC data has uploaded.
MPH0308	Indication message received for DSL LAPD table number change message.

MRB: Message Registration Block

MRB messages are output in response to commands or prompts/responses related to the Message Registration feature.

MRB messages

MRB0028	The unit to be tested is not message waiting PBX type.
MRB0029	The unit to be tested is not idle.
MRB0030	The unit to be tested is not lamp equipped.
MRB0900	Wrong number of input fields to prompt'FUNT'.
MRB0901	Unable to match input with stored mnemonics for prompt.
MRB0910	Wrong number of input fields for prompt'REQ' when function'MRBK','CRST', or'DISP' has been invoked.
MRB0911	Unable to match input with stored mnemonics.
MRB0912	WARNING: Unprotected data store below safety limit.
MRB0913	WARNING: Protected data store below safety limit.
MRB0920	Wrong input type for prompt DBGN, BFNO.
MRB0921	MR data block number out-of-range (0-99).
MRB0922	Block already exists.
MRB0923	Block does not exist.
MRB0930	Wrong input type for prompt DLST, LSRM.

MRB0931	Entry for prompt DN out-of-range (0-99).
MRB0932	Last room number illegal (0-99).
MRB0940	Wrong input type for prompt DN, RMNO.
MRB0941	DN or room number out of assigned range.
MRB0950	Input parameter must be between 0 and 24, inclusive.
MRB0951	Input parameter must be between 0 and 7, inclusive.
MRB0952	CRT/TTY has not been allocated for MR in the configuration record.
MRB0961	Enter parameter between 0 and 31, inclusive.
MRB0962	Customer does not have any MR blocks allocated.
MRB0963	Password does not have access to this customer data.
MRB0971	Enter parameter between 0 and 31 inclusive.
MRB0980	Wrong number of input fields to prompt’all’.
MRB0981	Unable to match input with stored mnemonics for prompt’all’.
MRB0990	Wrong input data type.
MRB0991	Number of input characters greater than four.

MSDL: Multi-purpose Serial Data Link

The MSDL provides 4 ports for applications such as

- ISDN Primary Rate D-channel (DCH)
- Application Module Link (AML)
- Input/output devices (TTY)

The MSDL messages report problems with the MSDL card and its applications. MSDL commands are provided in LD 37, LD 48, and LD 96.

MSDL messages

MSDL0001 The number of parameters for the MSDL command is incorrect.

MSDL0002 The card number in the command is out-of-range or invalid.

MSDL0003 Since this command is only valid for use on the MSDL card in this Overlay, the first parameter must be MSDL.

MSDL0004 Cannot reset the card (or execute self-tests) right now because the card is not in Manually Disabled state (MAN DSBL).

MSDL0005 Failed to reset; could not write command to card. Card is probably not present, or the (address) switch settings on the card do not agree with the database.

MSDL0006 Cannot enable the card unless it is in Manually Disabled (MAN DSBL) state.

MSDL0007 Cannot disable card unless it is in the Enabled (ENBL) state.

MSDL0008 Cannot reset the card (or execute self-tests) on the card right now since the device enabled bit is set, meaning a message response is currently pending.

Action: Attempt the self test command again; when the response pending condition clears, as long as the card is Manually Disabled, the reset (and self tests) should execute.

MSDL0011 No response received to the enable card command.

MSDL0012 The response message from the card to the Overlay indicates failure to enable/disable.

MSDL0014 No response received to the disable card command. The card is set to the Manually Disabled (MAN DSBL) state anyway.

MSDL0015 The command entered requires that a message be sent to the MSDL. The Meridian 1 was unable to build the message since the buffer was not free. Try again later. If this message continues to be generated, then:

Action: If the card is enabled, wait for a few minutes, as the card may have encountered a problem that warrants recovery, or if the card is manually disabled, reset the card using the RST MSDL x command, or execute self tests using the SLFT MSDL x command.

MSDL0016 Failed enable attempt. If this message is not accompanied by any other error message, the card may be in the process of performing self-tests or the self-tests may have already failed.

Action: Wait a few minutes, then execute the self-tests with the SLFT MSDL x command. If self-tests pass, try to enable the card again.

MSDL0017 At least one of the ports on the MSDL is currently enabled. Disabling the card is disallowed when ports are enabled unless the DIS MSDL x ALL command is used.

MSDL0018 The fourth parameter of the command is unrecognized or unimplemented.

MSDL0019 The command entered required that information be read from the MSDL. The specified MSDL is not present in the system, and the information could not be read.

MSDL0020 The command entered required that the application information block on the MSDL be read by the Meridian 1. The block is currently being updated by the MSDL, and the system could not read the block.

Action: Try again.

MSDL0021 Began to download the MSDL basecode but stopped before finishing. There should be an accompanying SDL error message, so refer to the information on that message for the failure reason.

MSDL0022 The rest of the information output in response to this command is resident on the card. The card is not enabled, and the information cannot be read.

MSDL0024 The Meridian 1 began to download an MSDL application but stopped before finishing.

Action: Refer to the information in the accompanying SDL error message.

MSDL0025 There is currently maintenance activity on the application in question.

Action: Wait a few minutes and try again.

MSDL0026 Disabling the MSDL when the active TTY is supported by it is not allowed.

MSDL0027 Time out waiting for the self tests to complete.

Action: Wait at least five minutes, then try again.

Under certain unusual circumstances, self-tests can take approximately five minutes; however, this should only occur when the flash EPROM on the card is new or has been completely erased.

MSDL0028 Cannot enable the card because it is not present in the system.

Action: If the card in question is believed to be present, check if the switch settings on the card agree with the device number entered in this command.

MSDL0029 Incorrect password entered in response to the ENL MSDL x DBG command.

MSDL0030 The debug option for this card has already been turned on.

MSDL0031 The ENL MSDL x ALL command is only valid when the MSDL is in the ENBL or MAN DSBL state.

MSDL0032 The MSDL card was removed from its slot, or the card reset itself during the self-tests.

Action: If the card was removed, execute the self-tests again and do not remove the card from its slot until the tests are complete. If the card was not removed, execute the self-tests again. If this message appears more than twice, replace the MSDL card.

MSDL0033 Device locked by the Russian Call Monitoring feature. The MSDL card cannot be enabled or disabled.

Action: Contact your technical support group.

MSDL0034 Group number in command is out of range or invalid.

MSDL0035 Unequipped physical I/O address in the specified network group.

MSDL0036 The network group number must be specified.

MSDL0100 x The CSTAT and CSUBSTAT fields on MSDL x indicate the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Self- tests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card.

MSDL0101 x The CSTAT field on MSDL x indicates the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as MSDL302.

MSDL0102 x No response was received from MSDL x to a background polling message sent periodically to each MSDL card. The purpose of this message is to ensure that the card is capable of receiving and sending messages.

MSDL0103 x An Overlay was waiting for a message from MSDL x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received.

MSDL0104 x The MSDL background audit sent a message to MSDL x, and did not receive a response.

MSDL0105 The CSTAT value read from the MSDL is invalid. This indicated one of two error conditions:

1. The card has encountered a severe hardware fault so that it is unable to report the error to the Meridian 1.

2. There may be multiple cards in the system with the same device number (switch settings) as the MSDL. When the CSTAT is read from the MSDL, it may not be the MSDL card that is responding.

Action: Be sure no other cards in the system share the device number. If so, change the device numbers. If not, replace the card.

MSDL0106 x appl The MSDL audit detected that there was no response to a maintenance message originated by an application (appl) on MSDL x.

MSDL0107 x appl y The Meridian 1 was unable to determine if downloading was necessary. An SDL error message should accompany this message and describe the reason for the failure. Three fields accompany this message: x = device number (LD 17 DNUM), appl = the application name, and y is for design use only.

MSDL0108 x appl An application on MSDL x needs to be downloaded to the card. Downloading begins as soon as there is no Overlay loaded. Where: x = device number (LD 17 DNUM) and appl = the application name.

MSDL0112 x MSDL x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian 1 will attempt to enable the card. Where: x = device number (LD 17 DNUM).

MSDL0201 x appl MSDL x sent a message to the Meridian 1 indicating an application data space has been corrupted. Where: x = device number (LD 17 DNUM) and appl = the application name.

MSDL0202 x appl MSDL x sent a message to the Meridian 1 indicating that an application on the card unexpectedly disabled itself (performed a “close”). Where: x = device number (LD 17 DNUM) and appl = the application name.

MSDL0204 x appl The Meridian 1 searched the system disk to find a version of an application for MSDL x and found none.

Where: x = device number (LD 17 DNUM)

appl = the application name.

MSDL0205 x appl y z An error was encountered when searching the system disk to find a version of an application for MSDL x. Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

MSDL0206 x appl y z An error was encountered when comparing a version of an application on the system disk with the version on MSDL x.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application if a version exists on the card.

MSDL0207 x appl y z An error was encountered when downloading an application to MSDL x. Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

MSDL0208 x When preparing to download the base software to MSDL x, the card indicated that some kind of fatal error was encountered. Where: x = device number (LD 17 DNUM).

Action: Execute self-tests before attempting any other action regarding this card.

MSDL0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer. The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode.

Where: x = device number (LD 17 DNUM)

(y and z are for design use only).

MSDL0210 Failed to enable the MSDL for one of the following reasons:

The card in question is not an MSDL card. For example, there may be a card in the system with switch settings that correspond to the MSDL, but is in fact not an MSDL card.

There is at least one other card in the system with switch setting identical to the MSDLs.

Action: Remove the card with the same device number as the MSDL.

MSDL0211 An attempt to enable the T1E1 application during ENLL, timed out.

Action: RST TMDI in overlay 96 and then try again.

MSDL0212 The TMDI card could not enable the T1E1 application.

Action: RST TMDI in overlay 96 and then try again.

MSDL0213 The T1E1 application is in a transient state and could note be enabled.

Action: Wait and then try ENLL again.

MSDL0214 A request to enable the DTI port has failed.

Action: RST TMDI in overlay 96 and then try again.

MSDL0215 A request to disable the DTI port on the TMDI failed.

Action: RST TMDI in overlay 96 and then try again.

MSDL0300 data The MSDL background audit has changed the card state. In the cases where the card was previously enabled and now is no longer enabled, another MSDL message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: MSDL300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = MSDL card number (in decimal)

aaaa = the status of the MSDL prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when “TO: SYS DSBL - FATAL ERROR”)

MSDL0301 x y z An expedited data unit was received. The Meridian 1 is not expecting MSDL x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed. This informational message indicates that the incoming message from the card was not processed due to the state change. No action is required.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

MSDL0302 x y Access to the memory space shared by the Meridian 1 and the MSDL (Shared RAM) has been momentarily suspended by MSDL x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = the reason for the suspension. Currently the only reason supported is the value “1,” which indicates that some kind of buffer corruption was detected.

MSDL0303 x y The Meridian 1 detected corruption in either the receive ring or the transmit ring or both, causing access to the memory space shared by the Meridian 1 CPU and MSDL x (Shared RAM) to be momentarily suspended.

Take no action because of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = a decimal number indicating where the corruption was detected. 1 means receive ring, 2 means transmit ring, and 3 means both receive and transmit rings.

MSDL0304 x y The Meridian 1 received 100 or more messages from MSDL x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of service does not warrant removing the card from service.

Where:

x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 in terms of messages per second.

MSDL0305 x y The Meridian 1 received 200 or more messages from MSDL x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

MSDL0306 x y The Meridian 1 has received 300 or more messages from MSDL x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

MSDL0307 x data MSDL x encountered a fatal error. Where: x = device number (LD 17 DNUM). The data following x is information read from the card regarding the error and is intended for design use only.

MSDL0308 x y appl data MSDL x reported that it received a message with an invalid (bad) socket ID.

Where:

x = device number (LD 17 DNUM)

y = the socket ID appl = the application name

data = up to eight words of hex data representing the message sent

MSDL0309 The TMDI output buffer is still in queue.

Action: Try the operation again, or RST TMDI in overlay 96.

MSDL0310 The TMDI output has not been sent to the card.

Action: Try the operation again or RST TMDI in overlay 96.

MSDL0450 When an SDI port is configured on an MSDL and the Meridian 1 initializes, it may be discovered, during initialization, that the MSDL basecode or SDI application needs to be downloaded. If so, there will be a period of time following the INIT (1 to 5 minutes) where the SDI port will not function. The port automatically enables itself once downloading has completed.

MSDL0451 <cardAddress> <(cardIndex)> <invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH driver.

Action: If the problem does not clear automatically, disable and then enable the card.

MSDL0452 <cardAddress> <cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MSDL0453 <cardAddress> <cardIndex> The MMIH driver failed to send an RFC message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

MSDL0454 <cardAddress> <cardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the MSDL/MISP card. If the problem persists contact your technical support group.

MSDL0455 <cardAddress> <cardIndex> The MMIH driver failed to send the Start UIPE Call Rebuild message through RFC to the SL1 task.

Action: The call rebuild operation for that MSDL will fail. If necessary, disable and then enable the FIJI/MSDL/MISP card. If the problem persists contact your technical support group.

MSDL0456 <blockSize> The MMIH driver failed when it allocated memory of the size blockSize for the buffer pool. The system is probably out of memory and cannot communicate with the FIJI/MSDL/MISP cards.

Action: Contact your technical support group.

MSDL0457 <first 16 words of msg> The MMIH has found a buffer in the Rx Ring message queue with an expired timestamp. The SL1 application has not processed the buffer's content promptly or the SSD message to the SL1 task was lost. The buffer's timestamp is reset and the buffer is returned as a free buffer. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Check the traffic reports. Excessive traffic can cause a delay in the core CPU.

MSDL0458 <first 16 words of msg> The MMIH has found a buffer in the Tx Exp message queue with an expired timestamp. The message timed out while being sent to the card. The buffer is overwritten with the new message data. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Disable and then enable the card. If the problem persists replace the card.

MSDL0459 The MMIH has found a null physical I/O block pointer. The I/O pointer is corrupted and will prevent the system from communicating with the FIJI/MSDL/MISP cards.

Action: Contact your technical support group.

MSDL0460 <cardIndex> The MMIH driver has found that the card index is out of range. The card index is corrupted and will prevent the system from communicating with the FIJI/MSDL/MISP cards.

Action: Contact your technical support group.

MSDL0461<cardAddress rtclock maintenancePegs> A query base code message was sent by the MMIH after finding the SRAM suspended. maintenancePegs is a list of peg counts kept by the card's maintenance task.

MSDL0462 <cardAddress rtclock Msl1Pegs> This message is printed in series with MSDL0461. msl1Pegs is a list of peg counts kept by the card's SL1 messaging interface task.

Action: Information only. If the problem persists disable and then enable the card.

MSDL0463 <cardAddress rtclock debugPegs> This message is printed in series with MSDL0462. debugPegs is a list of peg counts kept by the card's debug task.

Action: Information only. If the problem persists disable and then enable the card.

MSDL0464 <cardAddress rtclock utilityPegs> This message is printed in series with MSDL0463. utilityPegs is a list of pegs kept by the card's utility task

Action: Information only. If the problem persists disable and then enable the card.

MSDL0465 <cardAddress rtclock layer1Pegs> This message is printed in series with MSDL0464. layer1Pegs is a list of pegs kept by the card's Layer 1 task.

Action: Information only. If the problem persists disable and then enable the card.

MSDL0466 <cardAddress rtclock returnCode> The Interface Audit's polling message cannot be sent to the card's ring interface. The returnCode is the reason why the message has not been sent. The following returnCode values can appear:

0-request failed (null message pointer, empty data socket)

1-request succeeded

2-no operation (invalid card state)

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists, disable and then enable the card.

MSDL0467 <cardAddress> <cardIndex> <rtclock> The SRAM Suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100 msec.

Action: Information only. If the problem persists disable and then enable the card, or replace the card.

MSDL0468 <cardAddress> <cardIndex> <rtclock> <returnCode> <socketId application> <'First 8 words of the msg'> The application's message cannot be sent to the ring and the reason code is other than no buffer.

socketID is the socket for the message to be sent

applicationID identifies the transmitting application

The first 8 words of the message are displayed in hex

returncode contains the actual value returned by the procedure and contains one of the following values:

0-request failed (null message pointer, empty data socket)

1-request succeeded

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

MSDL0469 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the transmitting ring is in the interface full state.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MSDL0470 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists, disable and then enable the card.

MSDL0471 <cardAddress> <cardIndex> <rtclock messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

MSDL0472 <cardAddress> <cardIndex> <rtclock messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MSDL0474 <cardAddress> <cardIndex> <rtclock> <socketId application> <'First 8 words of the msg'> A no buffer condition has been encountered while attempting to send a message to the transmit ring. The first 8 words of the message are displayed in hex.

The socketID is the socket for the message to be transmitted

The applicationID is the application ID of the application sending the message

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

MSDL0475 <cardAddress><cardIndex><rtclock> <tempNoBufferCount> <rtclockOfFirstNoBuffer> This message is printed when the first line of corrective action (suspending the transmit ring) is taken. It displays the contents of the error detection variables and the descriptor words of all buffers in the transmit ring. It is printed in series with MSDL0476 and MSDL0477. The variables are:

tempNoBufferCount - number of consecutive no buffer occurrences since the last successful write to the transmit ring.

totalNoBufferCount - total number of no buffer occurrences for the card.

rtclockOfFirstNoBuffer - rtclock value at the time of the first no buffer occurrence following the last successful write to the transmit ring.

descriptor words - all 60 descriptor words are printed (in hex), six to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

MSDL0476 <cardAddress> <cardIndex>< rtcloc>k currentIndex> <descriptorBLockAddress> <bufferSize> <numberOfBuffers> <transmitRing Address> <transmitRingState> This message displays pertinent variables kept by the MMIH driver for the transmit ring. It is printed in series with MSDL0475 and MSDL0477. The variables printed are:

currentIndex - the MMIH's current index into the transmit ring's buffers (head pointer)

descriptorBlock Address - offset of the descriptor block in the SRAM

bufferSize - size of the buffers in the transmit ring

numberOfBuffers - number of buffers in the transmit ring

transmitRingAddress - address of the transmit ring in the card's SRAM

transmitRingState - current state of the transmit ring

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

MSDL0477 <cardAddress> <cardIndex> rtclock '44SRAM configuration Block words' This message displays the contents of the SRAM configuration block. It is printed in series with MSDL0475 and MSDL0476.

- configuration words - all 44 descriptor words are printed (in hex), four to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

MSDL0485 The Meridian 1 received 200 ore more messages from the MSDL port. Port put into Lockout for overload protection.

Action: Identify the cause of the problem. Manually disable the AML, SDI or DCH configured on the MSDL port with one of the following commands: DIS AML x; for an AML link, DIS TTY x for an SDI or DIS DCH x; for a D-channel. Enable the port with one of the following commands: ENL AML x; for an AML Link, ENL TTY x; for an SDI or ENL DCH x: for a D-channel.

MSR: Multigroup Switch Replacement (LD 39)

The Multigroup Switch Replacement Diagnostic (LD 39) applies to multigroup systems equipped with Generic X37. The Multigroup Switch Diagnostic provides a means of:

- Determining the status of any Peripheral Signaling (PS), Multigroup Switch (MGS), Multigroup Extender (MGE) or Multigroup Control (MGC) pack
- Disabling and enabling any PS, MGS, MGE or MGC pack
- Switching the system clock from one MGC to another

MSR messages

MSR0000 Program 39 identifier. Indicates that the program has been loaded into the memory Overlay area.

MSR0001 Illegal character in command.

Action: Check data and re-enter command.

MSR0002 Wrong number of input parameters for command.

Action: Check data and re-enter command.

MSR0003 Illegal command.

Action: Check data and re-enter command.

MSR0004 Group out-of-range.

Action: Check data and re-enter command.

MSR0010 Command ignored since an active input device would be disabled.

Action: Abort program and begin again.

MSR0015 Loop — Loop specified does not respond. During ENPS command an attempt is made to re-enable all loops associated with PS pack.This message indicates which loops could not be re-enabled.

Action: Check network packs indicated, i.e., enable switch and cable.

MSR0018 — Only one DISI allowed at a time per category, i.e., one each of DISI MGS, DISI MGC.

Action: Use DIS command to finish disabling or END command to stop.

MSR0020 — Specified peripheral signaling pack out-of-range.

Packs 0 to 9 only are allowed.

MSR0021 — Specified peripheral signaling pack not responding.

Action: Check enable switch on pack. If pack still does not respond, a fault is indicated.

MSR0022 — Peripheral signaling pack already enabled. No action.

MSR0025 — Cannot determine which CPU is active. Indicates either a bus 0 fault or a faulty changeover pack which must be repaired before continuing.

Action: Clear fault.

MSR0026 n — A peripheral signaling interrupt fault is present. n is the faulty peripheral signaling pack. If 0 pack is identified, cannot determine the fault source. No PS packs may be enabled while this fault exists.

MSR0027 — A fault in the outgoing signaling circuitry has been detected on the PS pack being examined.

Action: Replace pack.

MSR0029 — Customer nonexistent. Verify data. CMIN ALL will clear all monitor alarms.

MSR0030 — MGE is out-of-range. Only 0 to 19 allowed.

MSR0032 — MGE specified is already enabled.

MSR0033 — System clock must be switched before proceeding.

Action: Enter SCLK command.

MSR0040 — MGS is out-of-range. Only 0 to 9 allowed.

MSR0041	Multigroup switch specified is not responding. **Action:** Verify that pack is seated properly and switched to ENABLE.
MSR0042	Multigroup switch specified is already enabled.
MSR0043	DISI MSG command completed. Pack can now be serviced.
MSR0050	Multigroup control specified is out-of-range. 0 to 1 is allowed.
MSR0051	Multigroup control specified is not responding. **Action:** Verify that pack is seated properly and switched to ENABLE.
MSR0052	Multigroup control specified is already enabled.
MSR0053	DISI MGC command completed. Pack can now be serviced.
MSR0054	Idle CPU must be switched in for active CPU before proceeding. **Action:** Load SCPU command. Reload LD 32.
MSR0060 n	System clock n cannot be switched in to replace present clock. MGC n is faulty.
MSR0061 n list	System clock N cannot be switched in because loss of service will result to the PS packs specified. List is composed of either single numbers or pairs separated by a '-', e.g., MSR061 : 0-1 2 4-5 or MSR061 : 1 4-5. **Action:** Refer to Tables 20-D or 20-E to determine which packs may be at fault.
MSR0070	Specified equipment could not be enabled due to the network extender being disabled. **Action:** Use LD 35 to enable extender before proceeding.

MWL: Message Waiting Lamps Reset (LD 61)

The Message Waiting Lamps Reset program (LD 61) can be invoked automatically by the system as part of the daily routines or manually from an input device. It is used to deactivate all active Message Waiting lamps on user stations and reset the associated status in the system. Problems are identified in MWL messages.

The program does not reset lamp status unless all message center sets are out-of-service. For instance, the message center is closed and attendants are in Night Service.

This program cannot be applied to digital sets.

When LD 61 is loaded manually, 'G' is entered to initiate the task.

MWL messages

MWL0000 Program has been loaded.

MWL0001 Invalid command.

Action: Re-enter the command.

MWL0002 Cannot deactivate MW lamps until all MC agents out-of-service.

Action: Take all MC out-of-service if possible.

MWL0003 Cannot deactivate MW lamps until all attendants in Night Service.

Action: Take all MC attendants out-of-service. Operate night key.

MWL0500 dn tn The TN specified has been flagged as having a faulty lamp. The unit status has been set to normal.

Action: Check the lamp(s) visually or by using LD 32 PBXT command.

NACD: Network Automatic Call Distribution

The NACD messages are output in the following format: NACDxxx c d t r

Where:

c = customer number
d = source ACD-DN for which the request was made
t = 0 for the Night table; t = 1 for the Day table
r = Remote target ID

NACD messages

NACD0001 No memory available for the Source Tables. A data base request was received that could not be honored because of insufficient memory.

Action: Memory capacity can be increased in LD 29.

NACD0002 c d t r Timeout occurred while attempting the data base request.

1. Link failure between nodes.
2. Network congestion during peak traffic time.
3. Target DN does not exist
4. Request messages have been lost

NACD0003 c d t r Transaction successful. The Remote Target ACD-DN can now receive rerouted calls, depending on the queue status at the Target node.

NACD0004 c d t r Transaction denied. The ACD network application is not supported at the Target node specified.

NACD0005 c d t r Transaction denied. The Target does not have enough memory, or does not exist.

NACD0006 c d t r Transaction denied. Protocol failed at the far-end. Possible that the system has Initialized.

NACD0007 c d t r Transaction aborted. Cannot find the proper D-channel to send the request.

NACD0008 c d t r Transaction aborted. Cannot find the transaction number for the system.

NACD0009 c d t r Transaction aborted. The system cannot build the origination number.

NACD0010 c d t r Transaction failed. The system cannot send the required messages.

NACD0011 c d t r A data base Accept message was received for the Target entry in a Table that no longer exists. The Table/DN information follows.

NACD0012 c d t r A data base Delete message was received.

NACD0013 c d t r A data base request was sent.

NACD0014 c d t r This node is unable to communicate with the Source node. This ACD-DN's Target entry is not registered at the Source node's routing table.

Action: Remove this entry and re-enter the correct Target ACD-DN in the Source node's routing table.

NCT: Network Call Trace

The Network Call Trace feature traces network calls and diagnoses network problems. When a network call is blocked, trace data is output indicating the reason the call was blocked and the X11 software procedure responsible.

A network call can be traced by dialing a SPRE code and the NCT feature code (9912) before the network number. When this is done, call setup and status information is output to the system terminal as the call tandems through the network. The trace information is output to the all system terminals designated in LD 17 as ADAN = TTY and USER = MTC.

NCT provides the following types of information.

— the route used

— the facility accessed

— the routing control imposed

— the call-blocked location

There are two Network Call Trace functions: 01 and 02. They output different information as shown in the following sections.

Configuring Network Call Trace

To configure Network Call Trace, login to the system and:

— enter “NCT” in response to prompt RCAP in LD 17 for each D-channel (only required when the remote end is a Meridian 1 with X11 Release 17 or later)

— enter “CLTA” in response to prompt CLS in LD 10 or LD 11 to allow a telephone to trace calls

Tracing a call

A call can be traced from any attendant console or a telephone with CLTA Class of Service (CLS). To trace a call, dial:

SPRE + 9912 + xx + yyy...

Where:

SPRE = special function access code (defined in LD 15)
9912 = NCT feature code
xx = call trace function (01, 02)
yyy... = digits normally dialed for the network call

Dial tone is provided after "xx" is dialed.

Trace function 01

This Call Trace function provides the common information related to ESN routing. It is the recommended function. The call trace data for function 01 is:

```
**** NCT xx ****
 <switch specific data>
 --- OUT ---
 <outgoing data>
 --- IN ---
 <incoming data>
 --- STATE ---
 <call state>
```

Where xx is the Call Trace ID for a traced call. The output data depends on the type of call and can be:

CAUSE xxxx — call reject cause

CREF xxxx — call reference number

DCH — D-channel number

DGT xxxxx... — outgoing: digits outpulsed

DGT xxxxx... — state: digits received (NODE=TBD), or digits dialed when the call is rejected (STAT=REJ

DN xxs — DN of ringing set

ENT xx — entry in the outgoing route list

FCI **x** — free calling area index

FRL **x** — facility restriction level

IFC xxx — outgoing D-channel interface (LD 17 prompt IFC)
D100 = Meridian DMS-100
D250 = Meridian DMS-250
ESS4 = AT&T ESS4
ESS5 = AT&T ESS5
SL1 = Meridian SL-1
S100 = Meridian SL-100
SS12 = Norwegian SYS-12
AXEA = AXE-10 (Australia)
UNKN = unknown data received

LOC xxxx — call reject software location

MODE xxx — outgoing termination
ALOG = analog trunk
DTI = digital trunk interface - 1.5 Mb/s
DTI2 = digital trunk interface - 2.0 Mb/s
ISL = ISDN Signaling Link
PRA = Primary Rate Interface
UNKN = unknown data received

NCOS xx — Network Class of Service

NODE xxxx — type of node:

ORIG = originating node
TAND = intermediate node (tandem)
TERM = terminating node
TBD = node to be determined

RLI xxx — ESN outgoing route list index

RLS xx xx — software release, issue number of node switch

RTE xxx — incoming or outgoing route number

SID xxxx — system identification (LD 17)

STAT xxxx — call state, where xxxx can be:
ANS = call answered
BUSY = termination busy
DIAL = call state is dialing (mainpm)
ERR = error detected in this message
OPULSE = digit outpulsing
PROC = call proceeding through this node (tandem)
REJ = call rejected or blocked
REOR = call state is dialing (mainpm)
RING = call ringing
SEIZ = trunk seized

STYP xx — terminating station type
500 = single line telephone (LD 10)
BCS = multi-line telephone (LD 11)
ATT = attendant console (LD 12)

TKTP TIE,COT,WAT... — incoming or outgoing trunk type

TKTN loop ch, l s c u — incoming or outgoing B-channel, ISL trunk TN

TOD x — time of the day schedule

TYP I,E —Initial/Extended set

XLT NPA,NXX,LOC... — ESN translation type

Example 1: Successful call with trace function 01

In this example, the following digits are dialed from a phone at TN 0 0 5 1:

1+9912++01+78+6000

Where:

1 = SPRE (defined in LD 15)
9912 = NCT feature code
01 = call trace function 01
78 = PRI route access code (ACOD)
6000 = remote extension

The resulting trace information is output on the maintenance terminal:

```
**** NCT # 22 ****
NODE ORIG (SL1)
SID 0
RLS 17 53
--- OUT ---
TNS 0 0 5 1
DCH 5
IFC SL1
CREF 22
MODE PRA
RTE 24
TKTP TIE
TKTN 18 22
DGT 6000
--- STATE ---
 STAT PROC
```

```
**** NCT # 22 ****
NODE ORIG (SL1)
SID 0
RLS 17 53
--- OUT ---
DCH 5
RTE 24
TKTP TIE
TKTN 18 22
DGT 6000

--- STATE ---
STYP BCS
DN 6000
STAT RING
```

Example 2: Unsuccessful call with trace function 01

In this example, the same call is made as in example 1, but in this case the D-channel is down.

The resulting trace information is output on the maintenance terminal:

```
**** NCT # 22 ****
NODE ORIG (SL1)
SID 0
RLS 17 53
--- OUT ---
TNS 0 0 5 1
MODE UNKN
--- STATE ---
DGT 786000
STAT REJ
LOC 99
```

Trace function 02

Call Trace function 02 provides the information from the active (main) call register, the incoming call state, and the outgoing call state (if any). Trace function 02 is intended as a debugging tool for system designers.

The information output by function 02 includes:

NODE ORIG,TAND,TERM,TBD
SID xxxx — system identifier
RLS xx xx — release of software, issue number of node
TNS l s c u — TN of the originating set
CREF xxxx — call reference number

Incoming call:

ISTATPM **x** — incoming state progress mark
ITRKPM **x** — incoming trunk progress mark
LOC xxxx — location code

Outgoing Call:

OSTATPM **x** — outgoing state progress mark
OTRKPM **x** — outgoing trunk progress mark
LOC xxxx — location code

Main Call Register:

Word 0 — MainPM/AuxPM
Word 1 — CRlink
Word 2 — Queue_In
Word 3,4 — Son_Types/Processes
Word 5 — Aux_CRlink
Word 6 — OrigType/TerType
Word 7 — TTR_TN
Word 8 — OrigTN
Word 9 — TerTN
Word 10 — CallFwdTN
Word 11 — DISA_Call/XFER_indication
Word 12,13 — CR_Dialled_DN
Word 14 — Digitload/Digitunload
Word 15-20 — digits

Feature requirements

Network Call Trace is limited to basic ISDN PRI/ISL calls across Meridian 1 private networks.

NCT collects information only during initial call setup. It does not report on further call modification, such as Call Transfer.

Network call information is lost and the call trace ceases when any of the Meridian 1 nodes in which the call is being traced is initialized or any of the D-channels fails.

Although NCT requires PRI or ISL, calls can be traced to nodes without NCT, DTI and analog trunks. However, only the local node information is provided. Trunk types not supported: ADM, AWU, DIC, MDM, MUS, PAG, RAN, RLM and RLR.

Call Trace information is still output if the call is blocked before the trunk is seized. If queuing (Ring Again, CBQ or OHQ) is available for the call, then the original call trace function is activated when the call is offered to the user.

When a remote SL-1 without NCT capability receives a Call Trace message, then no call trace information is returned.

NCT messages

NCT0001	Procedure INIT_NARS_FEATUR fails (i.e., return value is.FALSE). Module: NARS. Procedure: NARS_MODULE.
NCT0002	Procedure NARS_TIMESLICE fails (i.e., return value is.FALSE). Module: NARS. Procedure: NARS_MODULE.
NCT0003	Invalid NARS translation - case 0 of CASE statement. Module: NARS. Procedure: NARS_TRANS.
NCT0004	Number of digits ≥ maximum level of translator - case 2 of CASE statement. Module: NARS. Procedure: NARS_TRANS.
NCT0005	Incomplete translation but “#” has been dialed - case 2 of CASE statement. Module: NARS. Procedure: NARS_TRANS.
NCT0006	“#” has been dialed before all the expected digits have been received. Module: NARS. Procedure: NARS_GET_EXP_DGT.
NCT0007	“#” has been dialed in the middle of all the expected digits received. Module: NARS. Procedure: NARS_GET_EXP_DGT.
NCT0008	Invalid translation type - case 0 of CASE statement. Module: NARS. Procedure: NARS_EXAM_DATA.
NCT0009	Translation type is Local Steering Code - case 8 of CASE statement. Module: NARS. Procedure: NARS_EXAM_DATA.
NCT0010	Translation type 12 is not defined - case 12 of CASE statement. Module: NARS. Procedure: NARS_EXAM_DATA.
NCT0011	HNPA was dialed in a previous translation. Module: NARS. Procedure: NARS_LOC_RTE_IND.
NCT0012	LOCATION LDN block does not exist. Module: NARS. Procedure: NARS_LOC_RTE_IND.
NCT0013	The SDR block does not exist. Module: NARS. Procedure: NARS_LOC_RTE_IND.
NCT0014	Incoming trunk group exclusion (ITGE) has blocked the call. Module: NARS. Procedure: NARS_LOC_RTE_IND.
NCT0015	A match of the restricted code was not found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.

NCT0016	A match of the restricted code was not found, but STRK blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0017	A match of the restricted code was found. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0018	A match of distant recognized DID code was found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0019	A match of distant recognized DDD code was found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0020	A match of incoming trunk group exclusion digits was found, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0021	A match of incoming trunk group exclusion digits was found, but there is no ITEI. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0022	LDID with incorrect SDR type. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0023	No SDRR entry, but ITGE blocked the call. Module: NARS. Procedure: NARS_DGT_RESTR.
NCT0024	NARS_HNPA_FLAG is set which implies that translation tables have been switched previously. Module: NARS. Procedure: NARS_BARS_HNPA.
NCT0025	NARS_HNPA_FLAG is set which implies that translation tables have been switched previously. Module: NARS. Procedure: NARS_HLOC_CODE.
NCT0026	Accessing a network speed call list is not allowed or the speed call list is not a valid one. Module: NARS. Procedure: NARS_SPEED_CALL.
NCT0027	DNTRANS is incomplete, but NARS_EOD_FLAG is set. Module: NARS. Procedure: NARS_CDP_HOME.
NCT0028	Route type is not TIE/ADM/MOD 500 - a sub-procedure of NARS_CDP_HOME. Module: NARS. Procedure: CHECK_FOR_CO.
NCT0029	Invalid DNTRANS for CDP home code - a sub-procedure of NARS_CDP_HOME. Module: NARS. Procedure: BLOCK_THE_CALL.
NCT0030	Redirection counter has exceeded the threshold for ISDN call. Module: NARS. Procedure: INITIAL_ROUT_SEL.
NCT0031	Network Authcode Last has been activated. Module: NARS. Procedure: INITIAL_ROUT_SEL.

NCT0032	TCAP cannot find a D-channel in any of the routes. Module: NARS. Procedure: TCAP_ROUTE_SEL.
NCT0033	TRO_FIND_RTE failed for initial set of routes. Module: NARS. Procedure: TRO_ROUTE_SEL.
NCT0034	TRO_FIND_RTE failed for the extended set of routes. Module: NARS. Procedure: TRO_ROUTE_SEL.
NCT0035	TRO_FIND_RTE shows all trunks are busy. Module: NARS. Procedure: TRO_ROUTE_SEL.
NCT0036	AMP_MOD failed for data calls. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0037	A data call tries to access an analog trunk without AMP package, or an analog trunk being accessed via AMP non-ADCP or no ADM trunk route in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0038	An ADM route is accessed but the call is forwarded. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0039	Call is queued on the initial set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0040	Call is waiting for EOD on the I-set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0041	Call is waiting for more digits for FCAS on the I-set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0042	No routes are available on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0043	Call has been queued on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0044	Call is waiting for EOD on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0045	Call is waiting for more digits for FCAS on the extended set of the routes in the route list. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0046	ETN trunk has not received enough digits. Module: NARS. Procedure: ROUTE_SELECTION.

NCT0047	INIT_RL_PTR fails - cannot set up route list pointers. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0048	TNTRANS fails on ORIGTN. Module: NARS. Procedure: ROUTE_SELECTION.
NCT0049	INIT_RL_PTR fails. Module: NARS. Procedure: OHQ_TIMEOUT.
NCT0050	SET_RL_ENTRY_PTR fails. Module: NARS. Procedure: NARS_TRK_SEIZED.
NCT0051	INIT_RL_PTR fails. Module: NARS. Procedure: NARS_TRK_SEIZED.
NCT0052	NARS_LDN_CONV fails for LOC. Module: NARS. Procedure: TERMINATION.
NCT0053	To conventional main and recognized DID to dumb main and digit manipulation fails. Module: NARS. Procedure: TERMINATION.
NCT0054	Digit manipulation fails. Module: NARS. Procedure: TERMINATION.
NCT0055	INIT_ENTRY_PTRS fails. Module: NARS. Procedure: TDET_TERMINATION.
NCT0056	The pointer to the TDET entry for SCC type of calls is NIL. Module: NARS. Procedure: TDET_TERMINATION.
NCT0057	NARS_PM=.NARS_ACCESS, but NARS_OCTO_FLAG is not set. Module: NARS. Procedure: NARS_EOD_TO.
NCT0058	NARS_PM=.NARS_TRANS, not all digits have been received but the timeout has occurred or it is an ETN call. Module: NARS. Procedure: NARS_EOD_TO.
NCT0059	Redirection counter has exceeded the threshold for ISDN call. Module: DIGPR. Procedure: TRUNKTER.
NCT0060	Satellite history call cannot access another satellite route. Module: DIGPR. Procedure: TRUNKTER.
NCT0061	An incoming ISDN PRA/ISL call failed B.C. compatibility checking. Module: DIGPR. Procedure: TRUNKTER.
NCT0062	Invalid AMP call. Module: DIGPR. Procedure: TRUNKTER.
NCT0063	To access an ISA route directly is not allowed. Module: DIGPR. Procedure: TRUNKTER.
NCT0064	64kbps data call cannot access a non-PRA facility. Module: DIGPR. Procedure: TRUNKTER.

NCT0065	DTI2 VOD call type is not allowed on the route dialed. Module: DIGPR. Procedure: TRUNKTER.
NCT0066	Data call is not allowed on the route accessed. Module: DIGPR. Procedure: TRUNKTER.
NCT0067	Voice call is not allowed on the route accessed. Module: DIGPR. Procedure: TRUNKTER.
NCT0068	Attendant has busied out the RAN route - call is intercepted to attendant. Module: DIGPR. Procedure: TRUNKTER.
NCT0069	TGAR restriction on the RAN route. Module: DIGPR. Procedure: TRUNKTER.
NCT0070	AWR trunk is not a mntdevice or AWR route is not in the CDB. Module: DIGPR. Procedure: TRUNKTER.
NCT0071	Route is not an outgoing route or an AWR route. Module: DIGPR. Procedure: TRUNKTER.
NCT0072	Trunk list block does not exist or URDATA block does not exist. Module: DIGPR. Procedure: TRUNKTER.
NCT0073	ALL_RTS_DENIED for the route with ISA option. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0074	ALL_RTS_DENIED for B-channel route or ISL route. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0075	NCRD blocked the trunk to trunk access for CFNA/CFB to a network DN. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0076	SEARCH_ROUTE found one idle trunk but it is blocked. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0077	SEARCH_ROUTE found two idle trunks but both are blocked. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0078	SEARCH_ROUTE found no idle trunks. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0079	SEARCH_ROUTE found attendant has busied out the route. Module: DIGPR. Procedure: TRUNK_HUNT.
NCT0080	SEARCH_ROUTE found access is denied on the route. Module: DIGPR. Procedure: TRUNK_HUNT.

NCT0081	Unprotected route data block does not exist. Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0082	Service route pointer is NIL for the ISA route. Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0083	ISA route pointer is NIL for the service route. Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0084	Trunk list block pointer is NIL (i.e., block does not exist). Module: GLOB4. Procedure: SEARCH_ROUTE.
NCT0085	SET_PRI2_PTRS fails. Module: GLOB4. Procedure: GET_TRUNK.
NCT0086	(PRI2_NNC_STATE) or (PRI2_NNDC_STATE and data call). Module: GLOB4. Procedure: GET_TRUNK.
NCT0087	SET_DTI2_PTRS fails. Module: GLOB4. Procedure: GET_TRUNK.
NCT0088	(DTI2_NNC_STATE) or (DTI2_NNDC_STATE and data Call). Module: GLOB4. Procedure: GET_TRUNK.
NCT0089	Far-end is maintenance busy or disabled for B-channel/ISL trunk. Module: GLOB4. Procedure: GET_TRUNK.
NCT0090	B-channel/ISL trunk is in “restart” or “forced disconnect” state. Module: GLOB4. Procedure: GET_TRUNK.
NCT0091	ADM/MODEM pair is busy. Module: GLOB4. Procedure: GET_TRUNK.
NCT0092	Number of data calls has exceeded the limit specified in the DLOOP. Module: GLOB4. Procedure: GET_TRUNK.
NCT0093	Access to the trunk is not allowed - check ACCESS_ALLOWED. Module: GLOB4. Procedure: GET_TRUNK.
NCT0094	ANI_NO_CR_TONE. Module: GLOB4. Procedure: GET_TRUNK.
NCT0095	SPEECHPATH failed (i.e., no network timeslot available). Module: GLOB4. Procedure: GET_TRUNK.
NCT0096	Have tried searching for idle trunks twice and still was blocked. Module: GLOB4. Procedure: GET_TRUNK.
NCT0097	Have tried searching for idle trunks once and was blocked. Module: GLOB4. Procedure: GET_TRUNK.

NCT0098	Trunk is busy (i.e., active cr is non-NIL). Module: GLOB4. Procedure: GET_TRUNK.
NCT0099	MAINT_TNTRANS failed on the trunk TN. Module: GLOB4. Procedure: GET_TRUNK.
NCT0100	No idle trunks are found. Module: GLOB4. Procedure: GET_TRUNK.
NCT0101	Code restriction blocks the call from a TLD set. Module: GLOB4. Procedure: INITIATE_B_CH.
NCT0102	Call is blocked for CDR_OUT_TOLL in RDB from a non-TLD set. Module: GLOB4. Procedure: INITIATE_B_CH.
NCT0103	ISDN (.REQ_CALL_INIT) failed. Module: GLOB4. Procedure: INITIATE_B_CH.
NCT0104	GET_TTR_TRK_PATH failed. Module: GLOB4. Procedure: TTR_SATISFIED.
NCT0105	NARS call and no access. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0106	Huntsteps is neither 30 nor 31 and no access. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0107	SECOND_SEARCH=.ATTN_BUSY_ROUTE and NOT_ATTN_BUSY. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0108	NOT_ATTN_BUSY. Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0109	Not NOT_ATTN_BUSY (i.e., Attendant busied out the route). Module: GLOB4. Procedure: ALL_BSY_THIS_RTE.
NCT0110	ANI has lost its SON CR after calling ANI module. Module: GLOB4. Procedure: TRUNK_SEIZE_INIT.
NCT0111	ESN signaling failed - SIGNAL_MODULE. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0112	DCH not established or DCH_L_WAIT non-zero and DCH not in polling state. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0113	No channel number. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0114	INIT_MSG_CR failed - return value is.FALSE. Module: ISDN. Procedure: OUTG_CALL_INIT.

NCT0115	ASSIGN_REFNUM failed - return value is.FALSE. Module: ISDN. Procedure: OUTG_CALL_INIT.
NCT0116	No MSGCR can be allocated. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0117	Incoming PRA/ISL does not have a MSGCR. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0118	Incompatible bearer capability for PRA/ISL incoming call. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0119	Incompatible bearer capability for non-PRA/ISL incoming call. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0120	TNTRANS failed on ORIGTN (TRK). Module: ISDN. Procedure: INIT_MSG_CR.
NCT0121	Bearer capability is not allowed for the terminating switch. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0122	NSF is not supported for the trunk type - CCSA, DID, CO to DMS. Module: ISDN. Procedure: INIT_MSG_CR.
NCT0123	SET_ROUTE_PTRS failed. Module: ISDN. Procedure: ENBLOC_DIALING.
NCT0124	Not all expected number of digits have been received, but PRA_EOD_FLAG is set. Module: ISDN. Procedure: ENBLOC_DIALING.
NCT0125	Not all expected number of digits have been received, but PRA_EOD_FLAG is set. Module: ISDN. Procedure: PROC_NOT_SURE.
NCT0126	Service route (associated with ISA route) pointer is NIL. Module: ISDN. Procedure: DO_DGT_ANALYSIS.
NCT0127	No digit has been dialed, but PRA_EOD_FLAG is set - “#” dialed. Module: ISDN. Procedure: DO_DGT_ANALYSIS.
NCT0128	PRA_EOD_FLAG is set, but the single digit is not 0. Module: ISDN. Procedure: ONE_DIGIT.
NCT0129	PRA_EOD_FLAG is set, but digit translation is not.EXACT#_KNOWN. Module: ISDN. Procedure: TWO_DIGITS.
NCT0130	PRA_EOD_FLAG is set, the first digit is 0 but digit translation is not.EXACT#_KNOWN. Module: ISDN. Procedure: THREE_DIGITS.

NCT0131	PRA_EOD_FLAG is set, the first digit is 1 but digit translation is not.CANT_DETERM. Module: ISDN. Procedure: THREE_DIGITS.
NCT0132	PRA_EOD_FLAG is set, but not all expected number of digits are received.
NCT0133	An invalid interface ID is encountered in the route data block. Module: ISDN. Procedure: INV_IFC_PRBPTR.
NCT0134	SET_ROUTE_PTRS failed. Module: ISDN. Procedure: TERMINATE.
NCT0135	NCT is not invoked to the next node due to (1) it is not an SL-1 switch, or (2) an SL-1 switch does not have NCT software. Module: NETT. Procedure: RCAP_NCT.
NCT0136	SEARCH_ROUTE has found one idle trunk, but it was blocked. Module: ISDN. Procedure: TERMINATE.
NCT0137	SEARCH_ROUTE has found two idle trunks, but both were blocked. Module: ISDN. Procedure: TERMINATE.
NCT0138	SEARCH_ROUTE found no idle trunks. Module: ISDN. Procedure: TERMINATE.
NCT0139	SEARCH_ROUTE found that attendant has busied out the route. Module: ISDN. Procedure: TERMINATE.
NCT0140	SEARCH_ROUTE returned that access to the route is denied. Module: ISDN. Procedure: TERMINATE.
NCT0141	SET_ROUTE_PTRS failed. Module: ISDN. Procedure: ENBLOC_TIMEOUT.
NCT0142	Second dialtone timeout or barge-in timeout has occurred. Module: ISDN. Procedure: ENB_EVENTS_TO.
NCT0143	Second timeout has occurred and the expected number of digits are not collected. Module: ISDN. Procedure: EXACT_#_TO.
NCT0144	Timer expires, but not all expected number of digits are collected. Module: ISDN. Procedure: NOT_SURE_TO.
NCT0145	Procedure ISA_TRK_CHECK returned a.FALSE value. Module: ISDN. Procedure: RCV_SETUP.
NCT0146	MIN_MAX_CHK returned a.FALSE value for NSF =YES. Module: ISDN. Procedure: RCV_SETUP.

NCT0147	SET_ROUTE_PTRS failed for ISA route. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0148	Service route is not applicable to AXE-10, SYS-12 interfaces. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0149	Service route is not applicable to an invalid interface ID. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0150	SVC_RTE_OK failed. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0151	Service route has not been configured - ISA_SERV_RTE = H.FFFF. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0152	SRV_RTE_PTR is NIL. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0153	DMS_ISA_TRK_COMP returned a.FALSE value. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0154	No trunk compare and MIN/MAX check for invalid interface ID. Module: ISDN. Procedure: ISA_TRK_CHECK.
NCT0155	SID table does not exist. Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0156	ISA service route pointer = NIL in the SID table. Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0157	ISA service route number does not exist (=.NULL_ROUTE_NO). Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0158	The numbering plan of the Called Party Number is unknown for non-NSF. Module: ISDN. Procedure: FIND_DMS_SVC_RTE.
NCT0159	The service route block pointer is NIL. Module: ISDN. Procedure: FIND_ESS_SVC_RTE.
NCT0160	ISA service route number does not exist (=.NULL_ROUTE_NO). Module: ISDN. Procedure: FIND_ESS_SVC_RTE.
NCT0161	ESN signaling module failed. Module: ISDN. Procedure: INC_TERMINATE.
NCT0162	64kc Bearer Capability call tries to terminate to a non-data DN/non-SL-1 DN/non-Trunk DN/non-NARS DN/non-DISA DN. Module: ISDN. Procedure: BC_COMPATIBLE.

NCT0163	64kr Bearer Capability call tries to terminate to a non-data DN/non-SL-1 DN/non-Trunk DN/non-NARS DN/non-DISA DN. Module: ISDN. Procedure: BC_COMPATIBLE.
NCT0164	56kBearer Capability call tries to terminate to a non-data DN/non-SL-1 DN/non-Trunk DN/non-NARS DN/non-DISA DN. Module: ISDN. Procedure: BC_COMPATIBLE.
NCT0165	At the originating switch, only trunk calls can be accessed by Network Call Trace. Module: DIGPR. Procedure: DNTRANS.
NCT0167	Procedure BC_COMPATIBLE failed. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0168	Incoming call termination, mainpm =.IDLE. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0169	Incoming call termination, mainpm =.READY. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0170	Incoming call termination, mainpm =.BUSY. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0171	Incoming call termination, mainpm =.REORDER. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0172	Incoming call termination, mainpm =.DELAY_DIALING. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0173	Incoming call termination, mainpm =.WINKON. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0174	Incoming call termination, mainpm =.HALFDISCONNECT. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0175	Incoming call termination, mainpm =.SPECIAL. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0176	Incoming call termination, mainpm =.CDR. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0177	Incoming call termination, mainpm =.CAS_INFO_TONE. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0178	Incoming call termination, mainpm =.RLA_CONF_DISC. Module: ISDN. Procedure: IN_SETUP_MSG.

NCT0179	Incoming call termination, mainpm =.CAS_HOLD. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0180	Incoming call termination, mainpm =.OBSERVE_PM. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0181	Incoming call termination, mainpm =.AAB_DISCONNECT. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0182	Incoming call termination, mainpm is greater than.MAX_MAINPM. Module: ISDN. Procedure: IN_SETUP_MSG.
NCT0183	Terminating side is not a trunk. Module: ISDN. Procedure: PRA_DIALING.
NCT0184	Source =.PRA_DISC, but MSG_CR is NIL. Module: PRA. Procedure: PRA_HANDLER.
NCT0185	Procedure SET_DCH_PTRS failed. Module: PRA. Procedure: PRA_HANDLER.
NCT0186	DCH is not the active one, or DCH is in switchover waiting state and not polling state. Module: PRA. Procedure: DL_DATA_CREF.
NCT0187	Protocol Discriminator is not 00001000. Module: PRA. Procedure: DL_DATA_CREF.
NCT0188	Message type is a SETUP message but reference flag is 0 (for all interfaces other than ESS4 and ESS5). Module: PRA. Procedure: DL_DATA_CREF.
NCT0191	The channel is either MBSY, or far-end is out-of-service and no channel negotiation. Module: PRA. Procedure: SL1_CH_CHK.
NCT0192	Alternate channel was found, but TNTRANS failed. Module: PRA. Procedure: INC_CH_NEGO.
NCT0193	Alternate channel was not found. Module: PRA. Procedure: INC_CH_NEGO.
NCT0196	The trunk is neither a B-channel nor it is an ISL trunk. Module: PRA. Procedure: LINK_MSGCR.
NCT0197	Cannot assign a call reference number in the call reference table. Module: PRA. Procedure: LINK_MSGCR.
NCT0198	TNTRANS failed and PRA_CH_NO = 0 and CLEAR_GLARE_CH. Module: PRA. Procedure: LINK_MSGCR.

NCT0199 TNTRANS failed, PRA_CH_NO ¦ 0 and PRA STATEPM = NULL STATE. Module: PRA. Procedure: LINK_MSGCR.

NCT0200 TNTRANS failed, PRA_CH_NO ¦ 0 and PRA STATEPM ¦ NULL STATE. Module: PRA. Procedure: LINK_MSGCR.

NCT0201 SET_ROUTE_PTRS failed on the ISA route. Module: PRA. Procedure: MIN_MAX_CHK.

NCT0202 ISA active calls Š ISA maximum allowed. Module: PRA. Procedure: MIN_MAX_CHK.

NCT0203 ISA active calls Š ISA B-channels reserved. Module: PRA. Procedure: MIN_MAX_CHK.

NCT0204 MSG length Š 261 octets. Module: PRAUT. Procedure: I_SETUP.

NCT0205 IE length = 0. Module: PRAUT. Procedure: BEARER_CAP.

NCT0206 Coding standard is not CCITT standard (octet 3). Module: PRAUT. Procedure: BEARER_CAP.

NCT0207 Extension bit is not set in octet 3. Module: PRAUT. Procedure: BEARER_CAP.

NCT0208 Xfer mode ¦ 00, or Information Xfer Rate ¦ 10000 (octet 4). Module: PRAUT. Procedure: I_BC_SPEECH.

NCT0209 Xfer mode ¦ 00, or Information Xfer Rate ¦ 10000 (octet 4). Module: PRAUT. Procedure: I_BC_3_1KHZ.

NCT0210 Octet 5 ¦ Mu Law or ¦ G.711 A Law (for SYS-12, AXE-10). This is applicable to Speech or 3.1k Hz Bearer Capability only. Module: PRAUT. Procedure: CHECK_LAW.

NCT0211 Xfer mode ¦ 00, or Information Xfer Rate ¦ 10000 in octet 4. Module: PRAUT. Procedure: I_BC_64K.

NCT0212 Coding error for 64KR for DMS/ SL1/SL100, 64KC for ESS4/ESS5, 56K for SYS-12/AXE-10. Module: PRAUT. Procedure: I_BC_64K.

NCT0213 Protocol ID ¦ Rate Adaption (00001) for 56K (octet 5). Module: PRAUT. Procedure: I_BC_64K.

NCT0214 Layer ID ¦ Layer 1 (001) for 56K (octet 5). Module: PRAUT. Procedure: I_BC_64K.

NCT0215	Extension bit is set for octet 5. Module: PRAUT. Procedure: I_BC_64K.
NCT0216	Rate is not 0001111 - octet 5a. Module: PRAUT. Procedure: I_BC_64K.
NCT0217	Extension bit is not set. Module: PRAUT. Procedure: I_BC_64K.
NCT0218	Extension bit is not set on DMS/ SL1/SL100 interfaces. Skip 4a, 4b and extension bit is not set for the next IE on ESS4/ESS5 interface. Error on SYS-12/AXE-10. Module: PRAUT. Procedure: ALLOW_EXT_4A_4B.
NCT0219	Bearer Capability is not supported. Module: PRAUT. Procedure: BC_CAP_ERROR.
NCT0220	IE length = 0. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0221	Octet 3 coding error - not 101001 for DMS, not 100001 for SYS-12/ AXE-10. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0222	Extension bit is not set in octet 3. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0223	Extension bit is not set in octet 4. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0224	Channel type ¦ 0011 (B-channel units) in octet 5. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0225	Extension bit is not set in octet 5. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0226	Extension bit is not set in octet 6 - applicable to ESS4/ESS5/SYS-12. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0227	PRA_CH_NO in MSGCR ¦ the “calculated” channel number. Module: PRAUT. Procedure: CHANNEL_ID.
NCT0228	IE length = 0. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0229	Coding standard ¦ CCITT Std, or National Std (for SYS-12) in octet 3. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0230	Failed General Location checking in octet 3. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0231	Extension bit is not set in octet 3. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0232	Failed Progress Description checking in octet 4. Module: PRAUT. Procedure: PROGRESS_IND.
NCT0233	Extension bit is not set in octet 4. Module: PRAUT. Procedure: PROGRESS_IND.

NCT0234	IE length = 0. Module: PRAUT. Procedure: NTWK_SPEC_FAC.
NCT0235	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: NTWK_SPEC_FAC.
NCT0236	IE length = 0. Module: PRAUT. Procedure: CALLING_PTY_#.
NCT0237	Extension bit is not set in octet 3a. Module: PRAUT. Procedure: CALLING_PTY_#.
NCT0238	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: CALLING_PTY_#.
NCT0239	IE length = 0. Module: PRAUT. Procedure: CALLED_PTY_#.
NCT0240	Extension bit is not set in octet 3. Module: PRAUT. Procedure: CALLED_PTY_#.
NCT0241	IE length = 0. Module: PRAUT. Procedure: ORIG_CALLED_#.
NCT0242	Extension bit is not set in octet 3c. Module: PRAUT. Procedure: ORIG_CALLED_#.
NCT0243	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: ORIG_CALLED_#.
NCT0244	IE length = 0. Module: PRAUT. Procedure: REDIRECTING_#.
NCT0245	Extension bit is not set in octet 3b. Module: PRAUT. Procedure: REDIRECTING_#.
NCT0246	Total length of IE greater than IE length received in the IE itself. Module: PRAUT. Procedure: REDIRECTING_#.
NCT0247	IE length = 0. Module: PRAUT. Procedure: TRANS_NTWK_SEL.
NCT0248	IE length = 0. Module: PRAUT. Procedure: FACILITY_IE.
NCT0249	BRIT Channel Id IE has a null length.
NCT0250	Wrong value of extension bit in BRIT Channel Id IE.
NCT0251	Invalid encoding in BRIT Channel Id IE.
NCT0252	Message received with a Channel Id different from the expected value.
NCT0253	ISDN call can only be flagged as PRI or BRIT call.

NCT0254	Source =.PRA_DISC, but MSG_CR is NIL. Module: BRIT. Procedure: BRIT_HANDLER
NCT0255	Protocol Discriminator is not 00001000. Module: BRIT. Procedure: DL_DATA_CREF.
NCT0256	Message type is a SETUP message but reference flag is 0. Module: BRIT. Procedure: DL_DATA_CREF.
NCT0257	The channel is either MBSY, or far end is out of service and no channel negotiation. Module: BRIT. Procedure: SL!_CHK.
NCT0258	Alternate channel was found, but TNTRANS failed. Module: BRIT. Procedure: INC_CH_NEGO
NCT0259	The trunk is not a B-channel. Module: BRIT. Procedure: LINK_MSGCR.
NCT0260	TNTRANS failed and PRA_CH_NO = 0. Module: BRIT. Procedure: LINK_MSGCR.
NCT0261	TNTRANS failed, PRA_CH_NO = 0 and PRA_STATEPM = NULL STATE. Module: BRIT. Procedure: LINK_MSGCR.
NCT0262	NTRANS failed, PRA_CH_NO = 0 and PRA_STATEPM = NULL STATE. Module: BRIT. Procedure: LINK_MSGCR.
NCT0274	In PTU_CHECK_OK, no trunks available for non-priority users. Procedure: GET_TRUNK in SEARCH_ROUTE.
NCT0275	No trunks available. Module: PTU. Procedure: ACOD_FIRST_CHECK.
NCT0276	No trunks available for non-priority users. Module: PTU. Procedure: ACOD_SECOND_CHECK.
NCT0277	No trunks available; ATB bit set. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0278	No trunks available; idle trunk counter = 0. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0279	No trunks available; route is attendant busied. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0280	No trunks available; no trunks are defined on the route. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.

NCT0281	No trunks available for non-priority users. Module: NARS. Procedure: EARLY_SEARCH_ROUTE.
NCT0282	Incoming VNS - no VDN available.
NCT0283	Incoming VNS - no CR available.
NCT0284	Incoming VNS - problem is assigning a reference number
NCT0285	Incoming VNS - problem to set the customer data pointers
NCT0286	Outgoing VNS - problem to set the customer data pointers.
NCT0287	Outgoing VNS - no VDN available.
NCT0288	Outgoing VNS - the maximum number of VNS calls for the route list entry has been reached.
NCT0289	Outgoing VNS - the maximum number of VNS calls to the VNS D-channel has been reached.
NCT0290	VNS NWQ call - something wrong at the creation of the NARS CR.
NCT0291	VNS NWQ call - no CR available for NARS.
NCT0292	VNS call fails to terminate to the NACD agent reserved.

NPR: Network and Peripheral Equipment Diagnostic (LD 32)

NPR messages

NPR0000 LD 32 program identifier.

NPR0001 Illegal character in command.

Action: Check data and re-enter command.

NPR0002 Wrong number of input parameters for command.

Action: Check data and re-enter the command.

NPR0003 Illegal command.

Action: Check data and re-enter command.

NPR0004 Loop or group parameter out-of-range.

Action: Check data and re-enter the command.

NPR0005 Shelf parameter out-of-range. Unit 0 to 3 only are allowed.

Action: Check data and re-enter the command.

NPR0006 Card parameter out-of-range.

NPR0007 Unit parameter out-of-range.

NPR0008 Command is valid from SL-1 maintenance set only. Cannot outpulse from a TTY. See trunk diagnostic program or use SL-1 maintenance set.

NPR0009 Unit requested is not a trunk.

Action: Check data tables for terminal device. Input command STAT L S C.

NPR0010 Command ignored since an active input device would be disabled.

Action: Abort program and input again from TTY.

NPR0011 Requested pack is no longer busy and has been disabled. Indication that the DISI L S C command has been completed.

NPR0012 Requested trunk is busy.

Action: Try again later.

NPR0013 A serious data error has been detected.

Action: Contact supplier for further assistance.

NPR0014 Seizure of a RAN or AIOD trunk is not allowed by this program.

NPR0015 Specified loop not responding.

Action: Check enable switch on pack. If fault exists, suspect network, CPU, network extender or PS packs.

NPR0016 Loop already enabled. No action.

NPR0017 Specified loop is a tone and digit switch.

Action: Use LD 34 to enable/disable it.

NPR0018 A DISI command is still pending. Only one request allowed at a time.

Action: Enter END to cancel last DISI and enter new DISI command.

NPR0019 Carrier Remote superloop (LCI) did not respond to the request to disable/enable the RTE superloop.

Action: Ensure that the LCI is installed and that the H / W disabled switch on its faceplate is in the enabled position.

NPR0020 Specified PS card out of range. Cards 1 to 10 only are allowed.

NPR0021 Specified PS card not responding.

Action: Check enable switch on card. If fault still exists then suspect PS card, CPU or cards connecting the two CPU.

NPR0022 PS card already enabled. No action.

NPR0023 Clock on specified PS card is not responding. See NPR021.

NPR0024 Specified PS card is being used by the active CPU for clock.

	Action: Load program 35. Input SCPU. Abort and reload 32. This switches to alternate CPU.
NPR0025	Cannot determine which CPU is active. Indicates either a fault on bus 0 or a faulty CMA which must be repaired before continuing.
NPR0026 n	PS card n interrupt fault is present. If no card is identified, the system could not determine the fault source. No PS cards may be enabled while this fault persists. Probable fault causes: a. PS card(s) (card N, if specified) b. active MISC card c. other PS card d. CE extender
NPR0027	A fault in outgoing signaling on PS being examined.
NPR0028	The unit to be tested must be a 500/2500 set with a message waiting lamp.
NPR0029	The unit specified is either maintenance busy or busy.
NPR0030	The unit to be tested is unequipped.
NPR0031 loop	Loop is a remote loop. ENLL and DISL not allowed. **Action:** Use LD 53 (2.0 Mb/s RPE) to bring loop L up and down.
NPR0032	The card does not respond. **Action:** Try again.
NPR0036	Peripheral Signaling card is already disabled.
NPR0037	TNTRANS FAILED for M3900 TN and UNIT POINTER IS NIL
NPR0038	Unit specified is not M3900 downloadable.
NPR0039	There is a response timeout from the M3900 set.
NPR0040	The set unit type does not match the version type in the set.
NPR0041	Unit has already the latest software.
NPR0042	Unit is not idle or system application is active.
NPR0043	Invalid parameters for FDLS command.

NPR0044 No XPEC in the system.

NPR0045 M3900 invalid state.

NPR0046 Midnight download initiated already. Cannot initiate another one.

NPR0047 This command is not valid on virtual superloops, since virtual superloops do not physically exist.

NPR0050 That command is only valid for superloops.

NPR0051 That command is not valid for superloops.

NPR0070 Specified equipment could not be enabled due to the extender being disabled.

Action: Use LD 35 to enable extender.

NPR0080 Peripheral Controller number is out-of-range (1-95).

NPR0081 Peripheral Controller requested is not defined.

NPR0082 Peripheral Controller is already enabled.

NPR0083 Cannot find an enabled Network Card that is connected to the Controller.

Action: Enable one or both of the Network Cards and try again.

NPR0084 Cannot send message to Network Card.

Action: Wait and retry the command later. If this error occurs again check the Network Card and associated cabling.

NPR0085 That command is not valid for Network/DTR Card (NT8D18).

Action: Use the DISL/ENLL commands instead.

NPR0086 Superloop numbers must be a multiple of 4.

NPR0087 The NT8D PE shelf is either unoccupied by superloops or contains bad superloop numbers. There is a possible data corruption in the Controller block.

Action: Contact the supplier for assistance.

NPR0209 Customer nonexistent.

Action: Verify data. Command CMIN ALL will clear all minor alarms.

NPR0210 TTR unit request out-of-range (SD=0, DD=0,2, QD=0,2,4,6).

NPR0300 l s c (u) The specified loop, shelf, card and/or unit cannot be tested because it is disabled.

NPR0301 loop Loop is a Digital Trunk Interface or Primary Rate Interface.

Action: Use LD 60.

NPR0302 Conference loop.

Action: Use LD 38.

NPR0303 An unrecognizable status code has been sent. Undefined Link/DCHI state.

NPR0310 Receive micro of ISDLC memory fault.

NPR0311 Receive micro of ISDLC lost a message.

NPR0314 Transmit micro of ISDLC memory fault.

NPR0315 Transmit micro of ISDLC output queue problem lost messages.

NPR0317 ISDLC card reset.

NPR0318 No response from ISDLC card.

NPR0319 All units on the card are enabled. Self test of ISDLC card is not performed as one or more units on the ISDLC card are busy.

Action: If self test is mandatory, disable the card first.

NPR0320 This command is only allowed for ISDLC card.

NPR0321 That command is only allowed for M3000 sets.

NPR0325 Cannot perform card self test because one or more units are busy.

NPR0326 No response from card. Retry the command.

NPR0327 No response from the Network Card.

Action: Retry the command several times. If the problem persists, check the Network Card and associated cabling.

NPR0328 The superloop must be disabled before using that command.

NPR0329 The card self test failed. The card was not enabled.

Action: Try to enable the card again. If the problem persists, replace the card.

NPR0330 No acknowledgment returned for a message sent to the Network Card/Controller (NT8D04/NT8D01). The command has been terminated.

Action: Retry the command later. If the problem persists, contact supplier.

NPR0331 Timeout waiting for Peripheral Software Download (PSDL) to complete the download function.

Action: Check SDL messages.

NPR0332 Specified Peripheral Software (PSW) version number is out of range (1-99).

NPR0333 Specified Peripheral Software (PSW) version (1-99) not found on the mass storage device.

Action: Use LD 22 to determine the available PSW versions.

NPR0334 Peripheral Software Download (PSDL) failure.

NPR0500dn l s c u The unit has failed the PBXT test. There are several set states that would prevent successful completion of the test, e.g., ringing, set is off-hook.

Action: Check for ERR500 messages that indicate the same unit. If ERR500 messages do not indicate this unit to be in trouble, try the test again. If the fault indicates:

1. only one unit, suspect a faulty lamp in the set

2. all units on one card, suspect a faulty line card.

NPR0501 Cannot print telephone ID because the TN is not equipped, or the TN is not a voice TN on a Meridian Modular set.

NPR0502 No call registers available for IDU.

NPR0503 Response timeout from IDU (2 seconds).

NPR0504 Command not allowed for Conference/TDS/MFS cards. For TDMF loops use LD 34, or LD 46. For conference loops, use LD 38.

NPR0505 Superloop Network or Controller card has some problems.

Action: Check the card and its associated cable and repeat the command. If the problem persists, pull the card and plug it back in. If the problem persists on the same command again, replace the card.

NPR0506 Extended shelf is not equipped.

NPR0508 APNSS virtual loops can not be disabled.

NPR0509	DSL configuration download failed.
NPR0510	DSL is already enabled.
NPR0511	Since this shelf contains at least one BRI line card, one must wait 45 seconds before enabling the shelf/loop.
NPR0512	A command is in progress. No input is allowed except aborting.
NPR0514	The software failed to enable the unit.
NPR0515	The BRI line card did not send an activation acknowledgment for the DSL(s).
NPR0516	The BRI line card selftest failed to be invoked.
NPR0517	Line card selftest failed. Line card enabling sequence is aborted. (Same as NPR329).
NPR0519	No response from the ISDN BRI line card.
NPR0522	MISP not responding. Aborting command.
NPR0533	The MISP application did not acknowledge the requested “Line Card State Change”.
NPR0534	The MISP application did not acknowledge the requested “DSL State Change”.
NPR0551	Invalid message or invalid environment in which to send the message to the MISP.
NPR0555	Expedited output queue is full.
NPR0556	The MISP output buffer is not available, (possibly because the MISP has not read off the previous output message yet).
NPR0561	Only valid for MISP and superloops.
NPR0562	Cannot send message to the line card.
NPR0570	Cannot read the applications’ information blocks from the MISP card.
NPR0600	Peripheral Signaling card cannot be disabled if DTCS is enabled.
NPR0601	Cannot convert a non-terminal loop TN. This command is intended for terminal loops only.
NPR0605	That application is not configured on this MISP.
NPR0606	DSL needs to be in RELEASED state.
NPR0607	DSL needs to be in ESTABLISHED state.

NPR0608	DSL needs to be in TEST mode.
NPR0609	DSL needs to be in REMOTE LOOPBACK mode.
NPR0610	DSL needs to be ENABLED.
NPR0611	DSL configuration is not TIE trunk type, or Meridian 1 interface type.
NPR0612	Application on MISP is disabled.
NPR0620	Not a BRI Line Card.
NPR0621	Not a valid Trunk DSL.
NPR0622	MISP loop is disabled.
NPR0623	Trunk DSL is enabled but released (Is in code already).
NPR0624	A command in LD 32 is pending completion. **Action:** Wait for it to finish, or enter two asterisks (**) to abort the Overlay completely.
NPR0626	Invalid case value (e.g. INTPM, PARPM,...).
NPR0627	Failed to get Interface Type.
NPR0628	Failed to get Interface TN.
NPR0629	MPH OVL PTR is NIL.
NPR0630	Protected loop PTR is NIL.
NPR0631	MPH NET IFC PTR is NIL.
NPR0632	USID number out-of-range (enter 0-15).
NPR0633	B-channel number out-of-range (enter 1 or 2).
NPR0634	Protected card PTR is NIL.
NPR0635	That must be a BRI line card.
NPR0636	Protected line PTR is NIL.
NPR0637	That must be a digital telephone.
NPR0638	FUNC DATA PTR returned NIL PTR.

NPR0639 BRI USID MAPPTR is NIL.

NPR0640 That must be an MISP loop.

NPR0641 Invalid MISP TN.

NPR0642 BRI USID TSPTR is NIL.

NPR0643 Invalid MPH terminal type.

NPR0644 That must be a superloop.

NPR0645 Invalid channel type.

NPR0646 TOD2SEC Timeout waiting for message.

NPR0663 Cannot enable or disable this ISDN BRI line card or DSL because the line card is not associated with a BRSC or MISP.

NPR0664 BRSC Cards do not have units associated with them.

NPR0665 This command is not valid on phantom loops, since phantom loops do not physically exist.

NPR0666 Loop must be configured as MISP.

Action: Re-enter command with a valid MISP loop number.

NPR0667 MISP basecode must be enabled.

Action: Enable the MISP card using the ENLL 111 command.

NPR0668 The BRIE Application is not configured on the MISP.

Action: Re-enter command with an MISP loop that has the BRIE application configured.

NPR0669 There was no downloadable Interface defined on the MISP.

Action: Configure a UIPE Trunk DSL in Overlay 27 and then try again.

NPR0670 All Interfaces are "active", i.e. there are enabled DSLs of each Interface type. An Interface must be "inactive" before the data can be downloaded.

Action: Disable the corresponding DSLs, OR, disable the BRIE application by the DISL BRIE 111 command and enter the command again.

NPR0671 Invalid selection.

Action: Enter one of the choices.

NPR0672 Interfaces is "active", i.e. there are enabled DSLs of this Interface type. An Interface must be "inactive" before the data can be downloaded.

Action: Disable the corresponding DSLs, OR, disable the BRIE application by the DISL BRIE 111 command and enter the command again.

NPR0673 UIPE BRI Trunk DSL/Line Card is expected for this command.

Action: Re-enter command with UIPE BRI Trunk DSL/Line Card TN.

NPR0674 The specified unit is Out of Service, or may be a console power unit.

Action: It cannot be enabled or disabled. To change the unit, you must remove it OUT and re-enter it New.

NPR0675 DSL is not of the correct application type or Linecard does not have a DSL of the correct application type for this command.

Action: Check configuration in LD 27 and re-enter command with DSL/Linecard of the correct application.

NPR0676 The M1 Companion card must be disabled on the Companion before the card can be removed from the M1.

NPR0677 Equipment cannot be enabled due to disabled Tone and Digit Switch (TDS). Use OVL 34 to enable before proceeding.

NPR0678 DSL does not have GF capability.

NPR0679 Invalid call reference number.

NPR0680 New MFC/MFE/MFK5/MFK6 units on Card 0 can only be enabled by ENLX in LD 34.

Action: To enable these units, go into LD 34 and perform ENLX 0.

NPR0681 EIMC/MXC related maintenance commands are not allowed from overlay 32.

Action: Use the Mobility Mat platform.

NPR0686 XCMC hardware pack self-test failed.

Action: Replace the XCMC hardware pack.

NPR0687	Cannot enable a DMSX superloop if FWA package is restricted.
NPR0688	Device locked by the Russian Call Monitoring feature. The command was not executed. **Action:** Contact your technical support group.
NPR0705	IDC/IDU is busy with another request.

NWS: Network and Signaling Diagnostic (LD 30)

The Network and Signaling Diagnostic program, (LD 30), is used to maintain Network loops. It may be run in background, loaded during the daily routines or loaded manually to enter commands. Problems are reported in NWS messages.

NWS messages

NWS0000 Program 30 has been loaded.

NWS0002 Invalid command was entered.

Action: Check and re-enter the command.

NWS0003 The command contained an invalid parameter. The problem may be:

1. the loop, shelf or customer number is out-of-range
2. the loop or shelf specified is disabled or unequipped
3. the customer number specified does not

Action: Check all command parameters and re-enter the command. If NWS003 is output again, the loop or shelf specified is unequipped or disabled.

NWS0004 Yellow alarm is set or loop is being audited.

NWS0005 No free channel for signaling test.

NWS0006 Loop is being audited or there is no channel equipped.

NWS0007 Attempted to enter a command other than END, while the previous command was still being executed.

Action: Enter END to abort the current command.

NWS0008 A serious data error has been detected.

Action: Contact your technical support group.

NWS0009 Issued an ENLL to an already enabled network loop or to a network loop associated with a disabled PS card. Command ignored by the system.

Action: If the PS card was disabled, re-enable using LD 32 before enabling loop.

NWS0010 No response from Network card or no acknowledgment returned for previous message sent to the Network or Controller card (NT8D04/NT8D01).

NWS0013 A serious data error has been detected by NWS.

Action: Contact your technical support group.

NWS0019 Carrier Remote superloop (LCI) did not respond to the request to disabling/enabling of the RTE superloop.

Action: Ensure that the LCI is installed and that the H / W disabled switch on its faceplate is in the enabled position.

NWS0020 During execution of the signaling test, an input buffer overflow was detected and some input messages were lost.

The signaling test was terminated. No fault is implied by this message.

Action: Retry test later.

NWS0023 loop During execution of the signaling test, a large number of line faults were detected, but storing the fault information required too much memory space. Testing of the PS card associated with this loop was terminated.

Action: Beginning with the specified loop, test each of the remaining loops on the associated PS card separately. This message does not necessarily imply a fault on the specified loop.

NWS0024 Network Card fault list is full.

NWS0025 A serious data error has been detected by Network Card fault list management routines. The test is terminated.

NWS0030 Clock switching function not performed; could not determine which clock was active. Fault may be:

Action: 1. QPC411 SCG

2. CE EXT connecting active CPU to network shelf

3. cables connecting the above cards via the Junctor

4. if you have no DTI hardware, ignore this message.

NWS0031 Clock switching function not performed. One or both of the QPC411 SCG cards are disabled. No fault implied.

NWS0042 Network Card interface test failed. The PE continuity test was not performed.

NWS0043 The requested PE cannot be tested because:

1. Peripheral Controller is disabled, or

2. the PE is not defined for the superloop, or

3. the PE shelf space occupied by the superloop is empty.

NWS0061c p1 p2 Clock switching function not performed. One or both QPC411 SCGs are disabled. No fault implied.

Action: Check for message ISR061.

NWS0101ps l1 l2 ln Two or more loops (L1, L2, etc.) on Peripheral Signaling card ps failed the signaling test. Error code NWS201 is implied for these loops. Probable fault on PS card.

Action: Try the tests again. If fault persists after the card is replaced, suspect:

1. MISC card on active CPU

2. network cards L1, L2, etc.

3. CE EXT between active CPU and affected network shelf, network, conference and TDS cards in the same group

4. CPU cards

Loops may be tested separately using the LOOP L command.

NWS0102 Real-time clock on peripheral signaling card has failed. Probable fault is in the peripheral signaling card or MISC card on active CPU.

NWS0103 ps Fault detected in outgoing signaling on Peripheral Signaling card ps. The system is still able to signal using the bad card but the outgoing signaling rate may be reduced.

Action: Repeat the LOOP ALL test, or test any terminal loop associated with the PS card several times. If this message reappears, probable fault is on the PS card or, if the fault indication appears when one CPU is active but not when the other is active and the fault affects all groups, on:

1. either CE EXT connecting the affected network shelf to the active CPU, or in

the cable between the extenders; or other PS cards or the MISC of the CPPU which is active when the fault indication appears.

2. other PS cards or the MISC of the CPPU which is active when the fault indication appears.

NWS0141 c IGS card c failed to respond. Probable fault in:

1. IGS card c
2. CE EXT connecting active CPU to network shelf
3. other IGS card, or
4. associated cables

NWS0142 c Could not switch clocks when System Clock Generator (SCG) card c was providing clock. Fault may be:

1. either SCG
2. cables connecting SCG cards via Junctor
3. CE EXT connecting active CPU to network shelf.

NWS0143 n You cannot switch the clock controllers because the standby clock controller n is software disabled.

Action: Enable it in LD 60 provided is operational.

NWS0201 loop s1 s2 sn Two or more shelves (s1, s2, etc.) on the loop failed the signaling test. All cards failed the test on each shelf.

Action: See NWS301. If the loop is an RPE loop, go to LD 33. The fault may be in

1. network card for the loop
2. loop cable to PE shelves
3. faults on shelves s1 to s4 (depending on card density)
4. network, conference and TDS cards in same group
5. network extenders
6. CPU cards

NWS0202 loop s1 s2 Continuity test failed on this loop, shelves s1, s2. Signalling test was completed in spite of the fault. The fault may be:

1. peripheral buffer or controller on shelves
2. interconnecting cable to PE shelves
3. network card

4. peripheral signalling cards

5. network, conference and TDS cards in the same group

6. network extenders

7. CPU cards

Note: ERR3036 can also occur if a loop on the QPC414 Network card is not configured. This is not an error condition. To prevent ERR3036 occurring in this case, define the loop in LD17. Disable the unused loop.

NWS0203 loop Memory test on this loop failed. Timeslots associated with faulty memory locations are disabled. The network card is probably faulty. If a LOOP L command produces this response only on one the CPUs, the fault may be in

1. the CE EXT connecting the network group (in which loop is located) to the CPU which is active when this message appears, or

2. in the cable connecting these extenders

NWS0204 loop The network circuit for this loop failed to respond to an ENLL, DISL, LOOP or SHLF command.

Action: Check whether the network card is missing or disabled through the faceplate switch. If a fault exists, then suspect the following:

1. the network card

2. the peripheral signaling card

3.the network, conference and TDS cards in the same group

4. the network extenders

5. the CPU card

NWS0211 loop s1 s2 s One or more shelves (s1, s2, etc.) failed the signaling test. At least one unit passed the signaling test.

See message NWS301.

If loop is an RPE loop, go to LD 33. The fault may be:

1. network card

2. loop cable to PE shelves

3. faults on shelves s1 to s4

4. network, Conference and TDS cards in same group

5. network extenders

6. CPU cards

NWS0301 ls c1 c2 cn Two or more PE cards c1, c2, etc. on loop l shelf s failed the signaling test, or the results of the shelf test varied. LD 30 automatically tests each shelf two ways.

If a card number is preceded by a minus sign, one or more units on that card were disabled. The fault may be:

1. one or more of cards c1, c2, etc.
2. peripheral buffer or controller for shelf
3. loop cable to PE shelf
4. network card the loop

If only one card is listed, an intermittent PE card fault is possible.

NWS0302 l s More than half of the cards on specified shelf S could not be tested because they were either busy or disabled, or there were no SL-1 telephones on shelf. This is not a fault condition.

Action: Repeat test if desired.

NWS0303 l s For single density loops, more than half the cards on specified shelf s could not be tested because they were busy or disabled. Try again later.

For double or quad density loops, 'some' of the cards in the shelf could not be tested because they were busy or disabled.

NWS0401 l s c: u1 u2 un A fault has been detected on:

1. PE card L s c (u1, u2, do not appear in the message), or
2. PE unit L s c u1u2

If a card or unit number is preceded by a minus sign, the card or unit was disabled. The fault may be:

1. PE card l s c peripheral buffer on the shelf
2. SL-1 or Digital sets associated with units u1, u2, etc.

NWS0501l s c u The telephone at L s c u failed the signaling test. If the unit number is preceded by a minus sign, the set was disabled. The fault may be:

1. PE card
2. the telephone set

NWS0502 The network loop is not configured.

Action: Re-enter command.

NWS0601 loop	The loop requested is a Digital Trunk Interface (DTI) or Digital Link Interface (DLI). **Action:** Use the DTI diagnostic instead (LD 60).
NWS0602	DTI/DLI loop failed signaling test.
NWS0603	A previously faulty DTI/DLI loop passed the signaling test.
NWS0604	DTI loop is in a waiting state. A reset red alarm message has been sent.
NWS0608	Peripheral Software Download (PSDL) failure. **Action:** Check the SDL messages.
NWS0609	The XNET/XPND network card has a problem. **Action:** Check the card and its associated cable and repeat the command. If the problem persists, pull the card and plug it back in. If the problem persists on the same command again, replace the card.
NWS0610	A timeout occurred while waiting for the PSDL to complete the download function. **Action:** Repeat the command.
NWS0611	You cannot use this command when the card is in an overload condition.
NWS0612	Command parameter error; for NT8D02 Digital Line Card use: UNTT l s c u, for all others use: UNTT l s c.
NWS0613	The proper card is not equipped.
NWS0614	That command can not be completed. For NT8D02 Digital Line Card: 1. the unit is busy 2. the unit is manually disabled, or 3. the unit is not defined. For all others: 1. the card is manually disabled, or 2. no unit is defined on the card.
NWS0615	Loop must be a superloop.
NWS0617	Expanded shelf is not equipped.
NWS0620	Express output queue full, CPU can not send the message to the MISP.

NWS0621 The MISP output buffer is not available, possibly because the MISP has not read off the previous output message yet.

NWS0622 Invalid message or invalid environment in which to send the message to the MISP.

NWS0623 Cannot send message to the line card.

NWS0624 Since this shelf contains at least one BRI line card, one must wait 45 seconds before enabling the shelf/loop.

NWS0625 Database error. Protected pointers missing.

NWS0626 Self-test command only applies to the MISP network cards and BRI line cards. Make sure you specify correct card.

NWS0627 The MISP card must be in MANUAL DISABLED state to perform the selftest.

NWS0628 Line card must be disabled to invoke the self-test.

NWS0630 Loop is unequipped.

NWS0631 Loop is not responding.

NWS0632 Selftest failed. With X11 Release 19 and later, the following text will be appended to the message depending on the failure cause.

68020 CPU = The microprocessor is faulty.

DRAM = The DRAM is faulty.

DRAM PARITY ERROR = Parity was detected on the DRAM.

AO7 CHIP = The AO7 is faulty.

MFP = The MFP is faulty.

INTERNAL LPBK = The internal loopback has failed.

R75 1 = The first R75 chip failed.

R75 2 = The second R75 chip failed

R75 3 = The third R75 chip failed.

R75 4 = The fourth R75 chip failed.

S01 1 = The first S01 chip failed.

S01 2 = The second S01 chip failed.

S01 3 = The third S01 chip failed.

S01 4 = The fourth S01 chip failed.

NOT RESPONDING = The Meridian 1 software cannot communicate with the BRSC card, or the BRSC card cannot send the self-test results to the Meridian 1 software.

Action: For all failures, replace the BRSC card.

NWS0633 MISP status is undefined (MISP SLSTAT bit combination).

NWS0635 No response from the line card.

NWS0636 Cannot invoke MISP selftest.

NWS0637 Selftest passed.

NWS0638 Unit is not equipped.

NWS0639 TEI test could not be performed.

NWS0640 No response from the MISP.

NWS0641 Cannot execute command on MISP. Use LD 32.

NWS0650 Command not allowed for XCT loops.

NWS0652 This command is not valid on phantom loops, since phantom loops do not physically exist.

NWS0653 Cannot execute command on BCS Phantom loop. Use Overlay 32.

NWS0654 No Memory Test on BCS Phantom Loop.

NWS0800 The timeslot or junctor is busy. The test was not completed.

NWS0801 The continuity test failed.

NWS0802 Network Card (NT8D04) failed to respond.

NWS0803 Superloop number must be a multiple of 4.

NWS0804 Shelf number is not equipped.

NWS0805 Cannot send message to Network Card (NT8D04).

NWS0888 Invalid input. The loop or junctor number is out-of-range; the command is not allowed on superloops; or the terminating or transmitting party is disabled.

NWS0927 Network Card (NT8D04) failed to respond within 10 seconds after sending a request to read or clear a Peripheral Controller (NT8D01) maintenance display.

Action: If the command fails a second time, check the status of the Network and Controller Card.

NWS0928 Superloop number must be multiple of 4.

NWS0929 Shelf number is not equipped.

NWS0930 Cannot send CPED or RPED message to Network Card (NT8D04).

Action: Make sure the Network Card is installed and enabled.

NWS0931 Cannot determine if the XTRUNK value is a Universal Trunk or E&M/Dictation Trunk (NT8D14/NT8D15).

NWS0940 Wrong number of parameters.

NWS0941 Loop number is out-of-range.

NWS0942 Active input device will be disabled. Command is ignored.

Action: Abort the program and input again from the maintenance console.

NWS0943 A serious data error has been detected by NWS.

Action: Contact your technical support group.

NWS0944 Loop is already enabled.

NWS0945 No response from maintenance interface.

Action: Check the Network Card (NT8D14) and try again.

NWS0946 No acknowledgment returned for a previous messages sent to the Network or Controller. The current command has been terminated.

Action: Retry the command later. If the problem persists, contact your technical support group.

NWS0947 Time out from Peripheral Software Download (PSDL).

Action: Retry the command. If the problem persists, contact your technical support group.

NWS0948 Specified Peripheral Software (PSW) version number is out-of-range (1-99).

Action: Try again.

NWS0949 Specified Peripheral Software (PSW) version (1-99) not found on the mass storage device.

Action: Use LD 22 to determine the available PSW versions and try again.

NWS0950 Unrecoverable error from Peripheral Software Download (PSDL).

Action: Command aborted, try again. If problem persists, replace the card.

NWS0955 Peripheral Software (PSW) number in hardware and protected memory do not match.

Action: Use LD 32 to disable the superloop and then enable it with software download option (ENLL {pswid}). Use LD 22 to determine the correct software version.

NWS0956 Card type not found.

Action: Use LD 22 to find the card type for the Peripheral Software (PSW) version and try again.

NWS0957 Disk access error.

Action: Check the disk for the fault and try again.

NWS0958 Cannot enable a DMSX superloop if FWA package is restricted.

OHAS: Off-Hook Alarm Security

OHAS messages

OHAS0000 dn l s c u hh:mm:ss Off-Hook Alarm has occurred due to dial tone, interdigit or half disconnect timeout.

OHAS0001 dn l s c u hh:mm:ss Off-Hook Alarm has occurred due to forced out-of-service call treatment.

OSM: Operating System Messaging

OSM messages

OSM0000	Example message for {string}.
OSM0001	Cannot create pipe, errno x.
OSM0002	Cannot open pipe for read/write, errno x.
OSM0003	Cannot create OSM File semaphore, errno x.
OSM0004	Cannot open OSM file for appending, errno x.
OSM0005	Cannot open save file for writing, errno x.
OSM0006	Cannot get OSM Save file semaphore errno x.
OSM0007	Cannot save OSM file (copy failed), errno x.
OSM0008	Cannot get OSM write file semaphore, errno x.
OSM0009	Cannot fprintf to osm File, errno x.
OSM0010	Cannot read from pipe, errno x.
OSM0011	OsmTask has died.
OSM0012	Cannot spawn osm Task, errno x.
OSM0013	Cannot spawn period task, errno x.
OSM0014	Daily log file save failed. Check CMDU power on/off switch. **Action:** Be sure the IOP enable/disable switch is enabled (up).

OSM0015 Disk getting full. Only x bytes remain.

Action: Contact your technical service representative.

OSM0016 X byte log file size limit exceeded. Disk getting full, only y bytes remain.

Action: Contact technical support.

OSM0017 Cannot flush to log file errno {x}.

OSN: On-Site Notification

OSN0000 On site notification record for an ESA call.

OSN0001 ESA caller information is not linked to the OSN key because it already has a caller information linked.

Action: Obtain the call record from the OSN output device.

OSN0002 ESA caller information is not linked because the OSN set is found to be disabled.

Action: Obtain the call record from the OSN output device.

OVD: Overload Monitor

The Overload Monitor program is resident in the system and is loaded if:

- excessive input messages from a particular PE card have been detected, or
- the system input buffer overflows for a predetermined period of time (1.5 to 2 min).

In either case, an attempt is made to determine whether the overload is due to a hardware fault; if so, the faulty device is disabled and an OVD message is output.

OVD messages

OVD0001 l s c (u) A 500/2500 card or unit has been disabled.

OVD0002 l s c (u) An SL-1 line card or unit has been disabled.

OVD0003 l s c (u) A trunk card or unit has been disabled.

OVD0004 l s c (u) A Digital set line card or unit has been disabled.

Unterminated or unequipped units on QPC578 or NT8D02AA line cards may produce erroneous OVD004 messages.

Action: To avoid this condition, configure and disable these units.

OVD0005 l s c (u) A Digitone Receiver card or unit has been disabled.

OVD0008 loop Overload detected from Local Carrier Buffer (LCB) card on specified loop. The carrier status monitoring function on the LCB has been disabled.

OVD0009 l s c (u) An AIOD trunk card or unit has been disabled.

OVD0010 l s c (u) An RAN trunk card or unit has been disabled.

OVD0013 l s c (u) A MFC Sender/Receiver card or unit (QPC327 or NT5K21AA) has been disabled.

OVD0021 loop Excessive input has been detected from specified loop. The loop was disabled. A minor alarm indication is given to all customers served by the loop. This message indicates a probable fault in:

1. Network card for the loop
2. Peripheral Buffer or Controller for the loop
3. interconnecting cables
4. any PE card

OVD0022 loop A large number of invalid input messages were received from more than one PE shelf on the loop. The loop has been disabled. Probable fault on:

1. Network card for the loop
2. Peripheral Buffer or Controller for the loop
3. PE cabling any PE card

OVD0023 l s A large number of invalid input messages was received from shelf s. Attempts to disable the offending PE card(s) failed; the loop has been disabled. Probable fault on:

1. Peripheral Buffer or Controller on the shelf
2. any PE card on indicated shelf
3. Network card for the loop
4. PE cabling

OVD0024 l s Shelf s has been disabled due to overload. Probable fault in:

1. Peripheral Buffer or Controller on the shelf
2. any PE card on that shelf

OVD0031 ps Excessive or invalid input has been detected from Peripheral Signaling card. The card was disabled. A minor alarm indication is given to all customers. This message indicates a probable fault in:

1. PS card
2. one of the network card associated with the PS
3. conference card or its network cable

OVD0032 loop Too many messages from loop DTI2 loop. Loop is disabled.

OVD0033 loop ch Channel ch of a DTI loop is disabled due to overload. Probable fault:

1. DTI card
2. carrier
3. cables

OVL: Overlay Loader

The Overlay Loader manages the Overlay area in memory that is used to load administration and maintenance programs.

The facility to disable the primary tape unit, if the unit is faulty, is included in the Overlay Loader. The commands to disable the tape unit will be issued only when no other Overlay activity is in progress; for instance, when an abort command is issued preceding the disable command.

Problems and status of the Overlay Loader are indicated in OVL messages.

OVL messages

OVL0000 This is the Program identifier which indicates that the user has already logged into the system.

OVL0001 Loading already in progress.

Action: Wait for completion of loading or enter **** to halt loading.

OVL0003 xx Requested program xx is not in the tape directory.

Action: Check if desired program should be in directory. If program should be present, inform manufacturer of defective tape.

OVL0004 Checksum failure.

Action: Re-enter load request.

OVL0005 Tape unit not ready for use.

Action: Confirm that tape cartridge is properly seated.

OVL0008 Unexpected or erroneous data found on tape. Interchange active and backup tapes.

Action: Re-enter load command.

OVL0009 Tape contains software generic different from that resident in system memory. The programs are not compatible, Overlay program requested was not loaded.

Action: Replace tape in drive with one used when system was loaded.

OVL0010 Overlay program exceeds allowed maximum size. A tape programming error has been made.

Action: Notify the manufacturer.

OVL0011 xx MID System is automatically executing maintenance Overlay xx.

Action: DO NOT login until these tasks are completed, they may be essential to maintain system integrity. After a few minutes, press the carriage return to recheck system status.

OVL0012 Incorrect command format.

Action: Check the command and re-enter the code.

OVL0013 Invalid input command.

Action: Check the command and re-enter the code.

OVL0014 Incorrect parameters.

Action: Check the command and re-enter the code.

OVL0015 Password is incorrect.

OVL0016 Allowed limits of password exceeded.

OVL0017 Overlay cannot be loaded from a TTY.

OVL0018 Password does not have access to this customer.

1. OVL020 System has aborted the current Overlay program because another TTY has successfully logged in

2. The Overlay area is required because of a system alarm, a system audit or daily routine.

OVL0020 System has aborted the current overlay program because:

1. another TTY has successfully logged in

2. the overlay area is required because of a system alarm, a system audit or daily routine.

OVL0021 aaa System requires the Overlay area one of the following tasks (aaa):

1. MID — daily midnight routines are scheduled
2. ALRM — system alarm has been triggered
3. AUD — system requires software audit
4. CDR — system requires test of CDR facility
5. SMFR — soft memory failure recovery
6. PBXT — PBXT message waiting lamp tests are scheduled

Action: Complete present work as soon as possible and enter **** followed by LOGO.

OVL0022 Manual loading of this program is prohibited.

OVL0023 Loading Overlay program from this TTY is not allowed.

OVL0024 M3900 download pointer NIL.

OVL0058 Permanent interrupt condition detected in primary tape. The tape unit has been

OVL0059 Tape Interface card is not responding. Primary tape cannot be enabled until fault is cleared.

OVL0060 History File package not equipped.

OVL0061 A user is active in the Overlay.

OVL0066 X11 Release 1 to Release 2 conversion CR1R2 X09rl7 to X11R2 conversion C97R2.

OVL0068 Add new NARS/BARS, CDP data to existing customer—BLD1.

OVL0069 Build the DN. Translation base of the new data loaded via BLD1-BLD2.

OVL0070 ATTN admin PBX set service change.

OVL0071 ATTN admin SL-1 set service change.

OVL0073 DTI service change.

OVL0086 S1ESN ESN Overlay 1.

OVL0087 S2ESN ESN Overlay 2.

OVL0088 SCAUT—Authcode Overlay (removed from 24).

OVL0090 S3ESN ESN Overlay 3.

OVL0093 SCTEN service change tenant data blocks.

OVL0099 Software tool to replace one or more existing global procedure in core with load global.

OVL0111 The Overlay area is being used. The data output with the OVL111 are defined below.

1. OVL111 00 IDLE = System is idle. A login will result in a "" prompt.

2. OVL111 xx BKGD = Overlay area is currently executing background task (Overlay nn). A login will result in a "" prompt indicating that background task has been aborted and the Overlay loader is ready for further commands.

3. OVL111 00 TTY x = TTY. x has control of the Overlay area. No Overlay program is loaded.

4. OVL111 nn TTY x = TTY. x or maintenance set has control of the Overlay area. Overlay program nn is loaded. DO NOT load in until user has been identified and given a chance to complete his task or to stop.

5. OVL111 00 SL-1= maintenance set has control of the Overlay area. No Overlay program is loaded.

6. OVL111 nn yyy = System is automatically executing a maintenance task.

DO NOT login unless absolutely necessary, until these tasks are completed. They may be essential to maintain system integrity. Recheck system status by pressing the carriage return key again after a few minutes.

The value yyy may be:

1. MID—daily midnight routines are scheduled

2. ALRM—system alarm has been triggered

3. AUD—system requires software audit

4. CDR—system requires test of CDR facility

5. PBXT—PBXT message waiting tests

6. SMFR—soft memory failure recovery

If the input device is an SL-1 telephone, OVL111 is represented by a busy tone or overflow tone. The telephone can be returned to the call processing mode by going off-hook, then on-hook. This procedure is useful if you do not wish to abort the current Overlay activity.

OVL0202 Route member does not exist.

OVL0305 Bad message received from the System Monitor (NT8D22).

Action: Use “STAT XSM” command in LD 37 to check the System Monitor status. Check the cabling between the System Monitor and the SDI port.

OVL0306 This Overlay can not be active during Peripheral Software Download (PSDL).

Action: 1. Wait until PSDL is complete.

2. Use the SUSP command to suspend the PSDL and load the required program (LD xx SUSP). Use SUSP with caution.

OVL0307 You do not have access to the Resident Debugger (LD 8).

OVL0308 Incorrect password entered for the Resident Debugger (LD 8).

OVL0309 You do not have access to that Overlay.

OVL0310 With LAPW enabled, maintenance sets are not allowed to load this Overlay.

OVL0352 List requested is not system speed call list (network speed call).

OVL0353 The security cartridge cannot be read, or the cartridge ID does not match the ID in the directory file. LD 135 and LD 137 can still be accessed.

OVL0354 Tape ID does not match system ID. Incorrect tape or disk is being used, or there is a system ID cartridge malfunction on MSI. LD 135 and LD 137 can still be accessed.

OVL0355 The directory file cannot be read to obtain the ID for comparison to security and system IDs. LD 135 and LD 137 can still be accessed.

OVL0400 Failed log on attempts by incorrect password (PWD1 or PWD2).Output data may be any of the following:

Where:

x = TTY x is locked out. Too many invalid passwords

x y = x failed logins on TTY y

TTYx y = TTYx was locked out y times

OVL0401 The Audit Trail buffer is full. It will now start to wrap.

OVL0402 There is not enough memory for the Audit Trail. It will now start to wrap.

OVL0403 x You have logged on in HOST mode on TTY port x. Other ports will not receive any messages (CDR, BUG, ERR, MTC, SCH or TRF) output to this port.

OVL0404 x aaa bbb TTY port x is in HOST mode and this TTY will not receive message types: aaa bbb. Where messages types can be one or more of CDR, BUG, ERR, MTC, SCH or TRF. MTC represents all maintenance messages.

OVL0405 xx Attempt to load an Overlay program xx on A2 disk.

Action: You must restore disks to the hard disk before using the Overlay programs on the A2 disk.

OVL0406 Low speed link is used by the other terminal.

OVL0407 xx yy Requested number of cache buffers cannot be allocated. Protected data store is below safety limit. Increase the memory before more cache buffers can be allocated. Where: xx = # buffers requested and yy = # buffers allocated.

OVL0408 xx Too many priority Overlays. Where: xx = number of priority Overlays which have been removed automatically.

OVL0409 Initialization of OVL pipe failed.

OVL0410 No pipe is available for use.

OVL0411 LD 135, and LD 137 are the only LDs available for task Overlays.

OVL0412 Cannot spawn the requested Overlay task.

OVL0413 Cannot kill the Overlay task.

OVL0414 Send character to Overlay task through pipe failed.

OVL0415 Displayed after a successful login if the Last Login Identification feature is enabled. It contains the time and date of the last login and the number of failed login attempts. The format is:

TTYxx nn PWD yyy mm/dd hh:mm

Where:

xx = the TTY port number

nn = number of failed login attempts count since the last login at this port

yyy = password identification = 1 for PWD1 or 2 for PWD2

00-99 = indicates LAPW password number between 00 and 99

mm/dd = last login date hh:mm = last login time

OVL0416 You cannot monitor this port.

Action: Try another port.

OVL0417 Password level is incorrect.

Action: Login with PWD2 password, or a LAPW password that allows the command.

OVL0418 The monitor feature is already in use.

Action: Use MON OFF to turn the monitoring feature off before using it on another port.

OVL0419 Send print (SPRT) is already in use.

Action: Use SPRT OFF to turn the feature off, then use SPRT xx to turn it on another port.

OVL0420 That port is busy, or already logged in.

OVL0421 That port does not physically exist.

OVL0422 That TTY port type is not SCH or MTC.

OVL0423 This is not a logged in port.

OVL0424 The maximum number of users are already logged in.

OVL0425 You cannot force logout yourself.

Action: Check the port number when using the FORC command.

OVL0426 There is not enough memory available for the Overlay data area.

OVL0427 The disk unit is busy.

Action: Try again later.

OVL0428 Login name and password combination is invalid.

Action: Check the password and login name and try again.

OVL0429 Overlay memory space is in use.

OVL0430	Send message command is already turned off.
OVL0434	Unable to initialize system message lookup.
OVL0435 n	Invalid lookup type received by help task: n.
OVL0436 n m	B-tree read failed for language n, rrn = m
OVL0437 n	Unable to open message file for language n.
OVL0438 n	Could not open B-tree index file for language n.
OVL0439 n	Unable to read B-tree root page for language n.
OVL0440 n	B-tree initialization failed for language n.
OVL0441	Help text could not be found for the specified error code.
OVL0442	The error code specified is not a valid error code.
OVL0443	Unable to send request.
OVL0444	Unable to create help task queue.
OVL0446	The LON and LOF commands are not applicable to MSDL TTY.
OVL0447	Use LD 135 for Option 81 Core Common Equipment Diagnostic. LD 35 does not apply.
OVL0448	System message lookup is temporarily unavailable. **Action:** Wait 30 seconds and repeat request.
OVL0451	TTY is not a low speed link.
OVL0700	Resident debug package is not equipped.
OVL0777	Resident debug package is already loaded.
OVL0778	LSL with flow type of MAIL is not accessible from a pseudo TTY.
OVL0779	There is more than one LSL configured in the system. **Action:** Use AX n, where n is the TTY number of the LSL to be connected to.
OVL0781	This overlay is not allowed for IP expansion cabinet.

PCH: System Patch reports

PCH messages

PCH0100	Cannot create semaphore.
PCH0101	Invalid semaphore ID or task timed out.
PCH0102	Warning: failed to add symbol n to symbol table.
PCH0103	Warning: failed to remove symbol n from symbol table.
PCH0107	Cannot write back activate memory list. Patch data inconsistency might have
PCH0108	Program corruption. Restore memory list if null.
PCH0109	Program corruption. Activate memory list if null.
PCH0110	PATCH x ACTIVATED. Name=a, Ref#=b, PRS#=c, File=d.
PCH0111	PATCH x DEACTIVATED. Name=a, Ref#=b, PRS#=c, File=d.
PCH0113	Cannot restore back memory. Patch data inconsistency might have occurred.
PCH0115	Error activating patch x. buildMemLists call failed.
PCH0116	Error writing memory. Cannot activate patch x.
PCH0117	Error writing memory. Cannot deactivate patch x.
PCH0119	Cannot load patch. System contains the maximum number of patches already.
PCH0120	Error writing to retention file. Retention info might be out of synch.
PCH0123	Error loading patch from n.
PCH0124	Internal error, cannot get summary patch status at this time.

	Action: Check the report log file for further information.
PCH0125	Internal error, cannot deactivate patch at this time. **Action:** Check the report log file for further information.
PCH0126	Internal error, cannot activate patch at this time. **Action:** Check the report log file for further information.
PCH0127	Internal error, cannot load patch at this time. **Action:** Check the report log file for further information.
PCH0129	Internal error, cannot get detailed patch status at this time. **Action:** Check the report log file for further information.
PCH0130	Internal error, cannot remove patch at this time. **Action:** Check the report log file for further information.
PCH0131	Error deleting patch status record. Record not found.
PCH0132	Patch status tail pointer is null.
PCH0133	Invalid patch level received in patchload.
PCH0134	Full patch path length exceeded.
PCH0136	Patch filename empty in patchload.
PCH0137	Patch filename is not a full path in patchload.
PCH0138	Patch handle out-of-range in patchload
PCH0139	Cannot allocate memory for patchload.
PCH0141	Error reading patch file during patchload.
PCH0142	Patch Release x does not match the system Release y. **Action:** Recreate the patch for the system release.
PCH0143	Cannot determine default patch directory from DLO.
PCH0144	Patch retention array not initialized.
PCH0200	Cannot initialize patch semaphore.

PCH0201	Warning: cannot initialize patch retention. Patch retention will not be possible.
PCH0202	Warning: patch retention at diskos level failed. Some or all diskos patches may not have been retained.
PCH0203	Unable to open patch file n.
PCH0204	Cannot allocate protected memory for patch
PCH0205	Error in reading patch file n.
PCH0206	Memory patch from n to m is out-of-range. **Action:** Remake and retry the patch.
PCH0207	Memory patch mismatch between expected and actual. Either the patch was created incorrectly or it is the wrong patch for this software release.
PCH0208	Error accessing patch file n.
PCH0210	Error reading patch file n.
PCH0211	Patch corrupted. Address to patch is out-of-range. **Action:** Remake and retry the patch.
PCH0212	Address of patch code (x) is out-of-range. **Action:** Take the patch out, then try to load and activate it again.
PCH0213	Failed to find start of WORKSHED loop near x.
PCH0214	System error. Patcher cannot be initialized.
PCH0215	Invalid patch file format. **Action:** Remake and retry the patch.
PCH0216	Unexpected code at start of SL-1 global procedure n. The patch might not match the release that is loaded.
PCH0217	Unexpected code in SL-1 patch global procedure n. **Action:** Remake and retry the patch.
PCH0219	Unexpected code in SL-1 global procedure n. **Action:** Remake and retry the patch.
PCH0220	NULL filename passed to readInPatch.

PCH0221	Unexpected code at start of C function n at x. The patch might not match the release that is loaded.
PCH0222	Checksum of patch read into memory x. does not match expected checksum x
PCH0223	Error reading patch file to compute checksum.
PCH0224	Error writing checksum to patch file.
PCH0300	Handle n out-of-range in writeRetenRec.
PCH0301	Retention structure not initialized. Patcher is most likely unusable.
PCH0302	Cannot open patch retention file n.
PCH0303	Error accessing patch retention file n.
PCH0304	Error writing to patch retention file n.
PCH0305	Error closing patch retention file n.
PCH0306	Internal error, patch retention not initialized.
PCH0307	Cannot get patch retention directory from DLO.
PCH0308	Error remaining patch retention file from n to m. Patch retention may not be performed properly.
PCH0309	Error creating patch retention file n.
PCH0310	Patch retention array re-initialized.
PCH0311	Patch retention file re-created.
PCH0312	Cannot allocate protected memory for patch retention.
PCH0313	Cannot initialize patch retention.
PCH0314	Internal error, unknown patch retention level.
PCH0315	Cannot allocate Diskos memory for patch retention.
PCH0316	Error reading temporary patch retention file n. Retention may not be performed properly.
PCH0317	Internal error, bad patch retention record.

PCH0318	Cannot get semaphore fro patch retention.
PCH0319	Error regaining patch from n.
PCH0320	Cannot retain patch from n. It is already loaded.
PCH0321	Retention data inconsistency, patch handle = x.
PCH0322	Cannot activate retained patch.
PCH0323	Error initializing patch retention data. Patcher inoperable.
PCH0400	Internal error, invalid parameter memSpec.
PCH0401	Internal error, invalid empty memSpec.
PCH0402	Internal error, invalid memlist elements.
PCH0403	Internal error, invalid argument to patch fix hits.
PCH0404	Cannot get task n priority, errno x.
PCH0405	Cannot restore task n priority back to y, errno z.
PCH0406	Internal error, null mempec.
PCH0407	Warning: patchMemWrite task list full.
PCH0408	Cannot suspend task x, errno y.
PCH0409	Could not write memory because it is being accessed by a task.
PCH0410	Warning: cannot resume task n, errno y.
PCH0411	Internal error, null memList.
PCH0412	PatchMemWrite request is out of range.
PCH0500	Cannot get semaphore for patch sanity check.
PCH0501	Cannot deactivate patch suspected to be bad.
PCH0502	Deactivating patch suspected of causing sysload.
PCH0503	Cannot update patch days-in-service at midnight.
PCH0504	Deactivating patch suspected to be causing initializations.

PCH0510	Link errors. Report errors that occurred either during socket creation or data transmission.
PCH0511	Patch corruption. Errors regarding patch corruption, such as patch data corrupt or null pointers.
PCH0512	Semaphore. The patch data cannot be accessed at this moment. This is due to the fact that the patch data is being accessed for another patch command. This should be a temporary problem.
PCH0513	Unable to write to retention file. The patch operation has been -performed but it was not possible to update the retention file. -Thus, patch status, (ins, loaded...) will not be recovered after initialization.
PCH0514	File error. Regarding errors about patch files (for example, wrong format, file does not exist...)
PCH0515	Unable to load patch. An unknown error occurred that keeps patch file from being able to load.
PCH0516	System limit reached. Too many patches are currently loaded on the switch.
PCH0517	Release mismatch. The patch and system releases do not match. Both releases are given away.
PCH0518	Memory problems. A memory problem occurred (for command cpins.) Patch cannot be activated.
PCH0519	Patch conflict. A conflict has been detected between two patched. Patch names are given away.
PCH0521	Server’s task not spawned.
PCH0522	tftp directly adding failed. It was not possible to add the default patch directory to the tftp daemon. Task is aborted.
PCH0523	Socket error. It was not possible to perform basic socket operation to communicate with the main cabinet. Task is aborted.

PMS: Property Management System Interface

The Property Management System Interface (PMSI) is an optional feature available on Generic X11 Release 10 and later. The PMSI program monitors call processing continuously and outputs problems in the form of PMS messages.

PMS messages

PMS0610	PMS input/output block pointer does not exist.
PMS0611	PMS link does not exist. (for example, no unprotected data)

PRI: Primary Rate Interface Diagnostic (LD 60)

The Primary Rate Interface (PRI) diagnostic program is used to maintain the following:

- QPC472 Digital Trunk Interface (DTI) card
- QPC720 Primary Rate Interface (PRI) card

The PRI messages provide information concerning the following:

- Responses to commands entered in LD 60
- Database errors relevant to PRI interfaces
- Protocol errors associated with a PRI link

PRI messages

PRI0000 loop v — No problem. Correct version ID (s) was received from PRI loop.

PRI0001 loop — No problem. DCHI ready to transmit, PRI ready to receive.

PRI0002 loop — PRI channel 24 not ready to receive.

Action: 1. Check PRI status.

2. Check PRI to DCHI cable.

PRI0003 loop — DCHI not ready to transmit.

Action: 1. Check PRI status.

2. Check PRI to DCHI cable.

3. Check the DCHI status.

PRI0004 loop PRI not ready and DCHI not ready.

PRI0005 loop v Incorrect version ID (v) was received from PRI loop. The SL-1 software release is not compatible with the PRI hardware vintage.

PRI0006 loop Response timeout, no version ID received.

Action: 1. Be sure QPC720 is being used, not QPC472.

2. Be sure PRI hardware and software are correctly installed.

3. Check PRI status.

PRI0010 loop Disabling of this loop not allowed. Associated DCHI must be disabled first.

PRI0011 loop DCH port number mismatch between PDCH block and PPRI loop block.

Action: This is a software problem. Report it to the technical assistance center.

PRI0100 loop ch The B-channel indicated in the outgoing SETUP is locked out because the far-end is using an alternate B-channel.

PRI0101 loop ch c The B-channel (ch) is locked out because a RELCOMP or RELEASE message has been received with one of the following cause (c) values:

82 = channel does not exist

44 = requested channel is not available

6 = alternate channel acceptable

PRI0200 Protocol Error: A Global CREF number is needed for any service message. Format: DCH: x DATA: y . Where: x = D-channel number and y = Message type

Action: If the condition persists, contact your technical support group.If the condition persists, contact your technical support group.

PRI0201 Protocol Error: Invalid maintenance state in the service message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0202 Protocol Error: Incorrect value for extension bit. Output data: DCH: x DATA: y z.

Action: If the condition persists, contact your technical support group.

PRI0203 Protocol Error: Mandatory Notification description invalid. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information Element (IE).

Action: If the condition persists, contact your technical support group.

PRI0204 Database Error: Feature is not allowed for this interface. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = D-channel interface ID and z = ESL or ISA.

Action: Verify data is correct in the configuration record and the route data block.

PRI0205 Protocol Error: NSF IE is missing from the SETUP message received from the far end. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: Check the database in the far-end switch to ensure the NSF IE is included as part of the call origination.

PRI0206 Protocol Error: The length of the incoming call reference value was incorrect. The length allowed in North America is 1 or 2. For some other interfaces only a length of 2 is allowed. There may be a compatibility problem with the far end.

Output data: DCH: x DATA: y . Where: x = D-channel number and y = Call reference length.

Action: If the condition persists, contact your technical support group.

PRI0207 Protocol Error: Wrong message type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0208 Protocol Error: Wrong information element (IE) for message type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0209 Protocol Error: Undefined information element (IE) for message type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0210 Protocol Error: Wrong coding standard. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Coding standard.

Action: If the condition persists, contact your technical support group.

PRI0211 Protocol Error: Incorrect extension bit. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0212 Protocol Error: Bearer capability (BC) - Information transfer not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Transfer capability.

Action: If the condition persists, contact your technical support group.

PRI0213 Protocol Error: Bearer capability (BC) - Information transfer rate/mode not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Transfer rate.

Action: If the condition persists, contact your technical support group.

PRI0214 Protocol Error: Bearer capability (BC) - Layer 1 protocol ID not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Protocol ID.

Action: If the condition persists, contact your technical support group.

PRI0215 Protocol Error: Bearer capability (BC) - Rate is not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0216 Protocol Error: Bearer capability (BC) - Rate is not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Rate.

Action: If the condition persists, contact your technical support group.

PRI0217 Protocol Error: General location not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = General location number.

Action: If the condition persists, contact your technical support group.

PRI0218 Protocol Error: Cause value not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Cause information element (IE).

Action: If the condition persists, contact your technical support group.

PRI0219 Protocol Error: Channel ID octet 3 error. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Octet 3.

Action: If the condition persists, contact your technical support group.

PRI0220 Protocol Error: Channel ID octet 5 error. Output data: DCH: x DATA: y . Where : x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0221 Protocol Error: Channel ID octet 5 error. Incorrect BCH standard. Output data: DCH: x DATA: y . Where: x = D-channel number and y = B-channel standard

Action: If the condition persists, contact your technical support group.

PRI0222 Protocol Error: Channel number does not exist. Output data: DCH: x DATA: y . Where: x = D-channel number and y = B-channel number.

Action: If the condition persists, contact your technical support group.

PRI0223 Protocol Error: CREF flag in SETUP message is incorrect. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Call reference number.

Action: If the condition persists, contact your technical support group.

PRI0224 Protocol Error: State message error, protocol violation. The state IE is not appropriate for the current state. Output data: DCH: x DATA: a b c d e . Where

x = D-channel number

a = Pointer to PRI message call register

b = UTN

c = StatePM

d = Message type

e = Call reference number

Action: If the condition persists, contact your technical support group.

PRI0225 Protocol Error: State message error, protocol violation. Release complete received in U11 or U31 state. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.If the condition persists, contact your technical support group.

PRI0226 Protocol Error: No RESTart ACK message received. Output data: DCH: x DATA: y . Where: x = D-channel number and y = UTN.

Action: If the condition persists, contact your technical support group.

PRI0227 Protocol Error: Message received in NULL state. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0228 Protocol Error: Mandatory Channel ID missing in ALERTing. Output data: DCH: x DATA: y . Where: x = D-channel number and y = NONE.

Action: If the condition persists, contact your technical support group.

PRI0229 Protocol Error: Mandatory Channel ID missing in incoming CONNect message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = NONE.

Action: If the condition persists, contact your technical support group.

PRI0230 Protocol Error: Incoming NSF contains a mismatch between the route defined by the SID and the call type defined for that route. Output data: DCH: x DATA: a b c . Where :

x = D-channel number

a = Facility value

b = ISA service type

c = Route number

Action: If the condition persists, contact your technical support group.

PRI0231 Database Error: NSF error. Invalid service or feature type. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: Coordinate fields with far end switch.

PRI0232 Protocol Error: PROGRESS INDICATOR not supported. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0233 Protocol Error: ZERO length for mandatory information element (IE). Output data: DCH: x DATA: y . Where: x = D-channel number and y = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0234 Protocol Error: ZERO length for optional information element (IE). Output data: DCH: x DATA: y . Where: x = D-channel number and y = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0235 Protocol Error: Bearer capability (BC) - Layer ID is not correct. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Layer ID.

Action: If the condition persists, contact your technical support group.

PRI0236 Protocol Error: Incorrect Transit Network Selection (TNS) Network ID. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0237 Protocol Error: Message length exceeds buffer size. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0238 Protocol Error: Protocol discriminator is not compatible with the message received. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Protocol discriminator.

Action: If the condition persists, contact your technical support group.

PRI0239 Protocol Error: Maintenance message is not allowed for this DCH interface. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0240 Protocol Error: No service ack message received. Output data: DCH: x DATA: y . Where: x = D-channel number and y = UTN.

Action: If the condition persists, contact your technical support group.

PRI0241 Protocol Error: No response from far end to this PRI call. Output data: DCH: x DATA: y . Where: x = D-channel number and y = B-channel number.

Action: If the condition persists, contact your technical support group.

PRI0242 Protocol Error: Received a PRI message with an unsupported service identifier. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service identifier.

Action: If the condition persists, contact your technical support group.

PRI0243 Protocol Error: Service discriminator is not supported by PRI. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service discriminator.

Action: If the condition persists, contact your technical support group.

PRI0244 Protocol/Database Error: Facility reject message received. Output data: DCH: x DATA: a b c d e . Where:

x = D-channel number

a = Originating PNI

b = Originating number

c = Destination PNI

d = Destination number

e = Reason

Action: Verify that the PNI values are correct in the customer and route data blocks and are consistent with the switch on the other end of the link.

PRI0245 Database Error: Missing PNI number in the customer data block. Output data: DCH: x DATA: y z . Where:

x = D-channel number

y = Customer number

z = Service ID

Action: Look into the customer data block to configure the PNI.

PRI0246 Protocol Error: Received bad facility information element (IE). Output data: DCH: x DATA: y . Where: x = D-channel number and y = Error indication.

Action: If the condition persists, contact your technical support group.

PRI0247 Database Error: PNI missing in Route Data Block. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service identifier.

Action: Configure the PNI in the route data block.

PRI0248 Protocol Error: ROSE component sent is being rejected. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Service identifier.

Action: If the condition persists, contact your technical support group.

PRI0249 Protocol Error: ISDN: Received a Status message with CAUSE = 30. This is normally received in response to a Status Enquiry but the Meridian 1 did not send out a Status Enquiry message. The Status message is ignored. Output data: DCH: x DATA: y . Where: x = D-channel number and y = D-channel interface ID.

Action: If the condition persists, contact your technical support group.

PRI0250 Protocol Error: Received information element (IE) is in the wrong codeset.Output data: DCH: x DATA: y . Where: x = D-channel number and y = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0251 Protocol Error: The Presentation Method of Protocol Profile (PMPP) is wrong in the High Layer Compatibility IE. Output data: DCH: x DATA: y . Where: x = D-channel number and y = High Layer Compatibility PMPP.

Action: If the condition persists, contact your technical support group.

PRI0252 Protocol Error: The Interpretation of High Layer Characteristics ID is wrong in the High Layer Compatibility IE. High Layer Compatibility INTERPRT

Action: If the condition persists, contact your technical support group.

PRI0253 Protocol Error: The High Layer Characteristic ID is wrong in the High Layer Compatibility IE.Output data: DCH: x DATA: y . Where: x = D-channel number and y = High Layer Compatibility CHAR ID.

Action: If the condition persists, contact your technical support group.

PRI0254 Database Error: The DCH is interfacing with a software issue not supported by the application. Output data: DCH: x DATA: y z . Where:

x = D-channel number

y = Release ID

z = Service identifier

Action: Verify that the release ID in the configuration record is the same as the software release running on the far end switch.

If available, turn on the Alarm Filtering Package (#243) or Upgrade all the ISDN MCDN switches to the same software Release.

PRI0255 Protocol Error: Information request type is not supported. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0256 Protocol Error: Wrong length for information request I.E. The length on the received I.E. is beyond the range. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not. Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0257 Protocol Error: Information request specific is not supported. A message error or a protocol error will be generated depending on whether the I.E. is mandatory or not.Output data: DCH: x DATA: y z . Where: x = D-channel number, y = Message type, and z = Information element (IE) identifier.

Action: If the condition persists, contact your technical support group.

PRI0258 Protocol/Database Error: An attempt is being made to insert more that 8 digits in the calling party number for a call originating or tandeming through this switch. Only eight (8) digits can be included in the calling party number, or the digits are truncated to the right (AXE-10 Australia interface only). Output data: DCH: x DATA: TANDEM or ORIG . Where: x = D-channel number.

Action: For originating calls, modify LD 15 PFX1 and PFX2 so that PFX1+PFX2+DN is less than 8 digits. For tandeming calls, notify far end of incoming trunk that more than 8 digits are being sent.

PRI0259 Protocol Error: Mandatory Channel ID missing in CALL PROC message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = NONE.

Action: If the condition persists, contact your technical support group.

PRI0261 Database Error: The D-channel interface for routing Network Message Service (NMS) facility messages is not an Meridian 1 interface. Output data: DCH: x DATA: a b c d . Where:

x = D-channel number

a = Operation code for TCAP protocol

b = Originating digits

c = Terminating digits

d = Customer number

Action: Verify database configuration.

PRI0262 Protocol Error: Invalid value for the interface identifier field of channel ID information element from an incoming message. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0263 Protocol Error: Invalid value for the class field of restart indicator information element from an incoming message. Output data: DCH: x DATA : y. Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0264 Protocol Error: Received an invalid call reference from far-end switch. Output data: DCH: x DATA: y. Where: x = D-channel number and y = Message type.

Action: If the condition persists, contact your technical support group.

PRI0265 Database Error: A Facility Reject message was received. Destination digits cannot be translated. Output data: DCH: x DATA: a b c d e.

Where:

x = D-channel number

a = TCAP package type

b = Problem (NOXLAN/NONMS)

c = Originating digits

d = Destination digits

e = Customer number

Action: Verify numbering plan databases are consistent between the near and far end switches.

PRI0266 Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e f.

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Problem d = Originating digits

e = Destination digits

f = Customer number

Action: If the condition persists, contact your technical support group.

PRI0267 Protocol Error: TCAP Package type is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d .

Where:

x = D-channel number

a = TCAP package type

b = Originating digits

c = Destination digits

d = Customer number

Action: If the condition persists, contact your technical support group.

PRI0268 Protocol Error: TCAP Component is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e .

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Originating digits

d = Destination digits

e = Customer number

Action: If the condition persists, contact your technical support group.

PRI0269 Protocol Error: TCAP Operation is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e f.

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Operation

d = Originating digits

e = Destination digits

f = Customer number

Action: If the condition persists, contact your technical support group.

PRI0270 Protocol Error: TCAP parameter is not recognized by Network Message Center (NMC) feature. Output data: DCH: x DATA: a b c d e f g.

Where:

x = D-channel number

a = TCAP package type

b = TCAP component type

c = Operation

d = Parameter

e = Originating digits

f = Destination digits

g = Customer number

Action: If the condition persists, contact your technical support group.

PRI0271 Database Error: LDN0 must be defined for the customer for ISDN DID calls in order to determine the number of digits expected for successful call termination. Output data: DCH: x DATA: y . Where: x = D-channel number and y = Customer number.

Action: Configure LDN0 in the customer data block.

PRI0272 Message is ping-pong between 2 nodes.

PRI0273 An application has requested to send a Facility/Facility Reject message on an unsupported ISDN interface. The request is being rejected.

Output: DCH or DSL number, PRI/BRIT type, Service identifier The following service identifiers are defined:

1. Network ring again
2. Network ACD
3. Network Attendant Service
4. Network Message Center
5. Trunk Route Optimization
6. Network Call Trace
7. Remote Virtual Queuing
8. VNS service
9. Network Remote Call Forward
10. Network Radio Paging

PRI0274 Network Message Service, TCAP Return Error message.

PRI0275 Network Message Service, TCAP Reject error message.

PRI0276 Network Message Service, DN in ORIG IE invalid.

PRI0277 Invalid call state (Layer 3 protocol error).

PRI0278 x Unable to enable DCH x because the IPRA package is restricted, and is a prerequisite for this interface.

PRI0279	Enabling channels on a secondary loop (nB plus D, where the loop is entered for the PRI2 prompt in LD 17) is blocked if the INBD package is restricted.
PRI0280	Enabling a Backup DCH is not allowed. Not supported by IFC.
PRI0281	Display IE length exceeds 32 digits.
PRI0282	Facility ID received is not supported.
PRI0283	Facility ID received is invalid.
PRI0284	Control Code received is not supported.
PRI0285	Control Code received is invalid.
PRI0286	AOC Information contains non-numerical (0-9) characters.
PRI0287	AOC Charge Count field contains more than 8 digits.
PRI0288	AOC Info field had no characters contained within it.
PRI0289	AOC Info field contains leading zero.
PRI0290	AOC Charge per Charge Count field contains more than 2 digits.
PRI0291	AOC Request contained invalid Control Code.
PRI0292	AOC Requested but customer not Subscribed to service.
PRI0293	Missing '#' in Facility Info String.
PRI0294	Display IE contains non-ASCII characters.
PRI0295	Expected more characters in Display IE.
PRI0296	Diagnostic missing from Cause IE when Cause equals Facility Rejected.
PRI0297	Diagnostic field of Cause IE contains invalid characters.
PRI0298	Advice of Charge at end of call has been requested, but the request was rejected by the Central Office.
PRI0299	A facility has been requested that is not supported by the Central Office.
PRI0300	Only AOC Total Charge is supported.
PRI0301	AOC IE contains unsupported characters

PRI0302	AOC IE contains a decimal point in the wrong position.
PRI0303	Advice of Charge IE length exceeds 12 digits (Japan D70).
PRI0304	The MCT FACILITY identifier is not recognized by the AXE10 CO.
PRI0305	The MCT control code is not recognized by the AXE10 CO.
PRI0306	The user is not subscribed for the MCT request at the CO.
PRI0307	CLID length exceeds maximum allowed for the Australian interface. **Action:** Configure billing number to maximum allowed.
PRI0308	Unsolicited Return Result / Return Reject for TOA was received from far-end switch. **Action:** Monitor the incoming Facility IE sent by the far-end switch and report to Administration
PRI0309	CALL ID in Invoke for third party interaction has already been sent. **Action:** Monitor the outgoing Facility IE and report to Administration
PRI0310	Far-end does not recognize Calling Party # . Output data: DCH: x DATA: y. Where: x = D-channel number and y = Information Element (IE). **Action:** Check PRFX,LDN in CDB
PRI0311	CALL ID in Return Result has already been received **Action:** Monitor the incoming Facility IE sent by the far-end switch and report to Administration
PRI0312	INVOKE for TOA received from far-end switch has incorrect format. **Action:** Monitor the incoming Facility IE sent by the far-end switch and report to Administration.
PRI0350	Trunk requested for a restart is not PRI B channel.
PRI0351	The maintenance message decoder found an IE which it does not recognize.
PRI0352	An invalid call state is passed for call clearing case.
PRI0353	Unable to get a maintenance call register.
PRI0354	A B-channel restart request timeout occurred but B-channel maintenance state was not in restart request.

PRI0355	Invalid primitive received from Layer 2.
PRI0356	Invalid primitive received during MSDL ring test.
PRI0357	Invalid primitive received during MSDL expd. Test.
PRI0358	Output request buffer overflow.
PRI0359	Resynch of DCH socket id failed.
PRI0360	Request to obtain an expedited buffer failed.
PRI0361	PRI DCH link is not established when layer 3 requested message is output. **Action:** If condition persists remove the SUTL Main card wait for the HWI0102 disconnect msg then reinsert the card. After the reinsertion is detected SUTL lH/W should be accessible
PRI0362	Invalid timeout event detected.
PRI0363	Invalid service message progress mark found.
PRI0364	The message type received by the backup D-channel handler is not recognized.
PRI0365	The backup D-channel maintenance state is invalid to process the service message.
PRI0366	The backup D-channel maintenance state is invalid to process the received service acknowledge message.
PRI0367	The e D-channel link has to be established in order to send out service or service acknowledge message.
PRI0368	The D-channel link has to be established and in service in order for a call processing message to be sent out.
PRI0369	A layer 3 message has been received on a D-channel which is not in service.
PRI0370	An invalid loop number is given for PRI interface restart.
PRI0371	Audit - THe primary D-channel (D1) state should be disabled.
PRI0372	Audit - The backup D-channel (D2) state should be disabled.
PRI0373	Audit - The D-channel should not be in service.
PRI0374	Audit - The D-channel should not be in standby state.

PRI0375 Audit - Invalid state detected for backup DCH, as the D-channel is enabled - the state is changed to out-of-service(OOS).

PRI0376 Audit - the D-channel is in the Wait state but the link is not established.

PRI0377 Audit - The D-channel is in the Wait state but no timer is running.

PRI0381 Database Error: TCAP Is unable to route the message using the digits in DIGIT_WORD of the call register.

Output data: DCH: x DATA: y z z1

Where: x = D-channel number, y= DIGIT_WORDSz=TCAP dest IE routing type, and z1 = TCAP dest digits.

PRI0382 The UIPE layer 3 loadware INIT Rebuild Timer has expired. The BRIE INIT rebuild process has been aborted. Transient call will not be rebuilt. Output data: DCH: x DATA: y. Where: x= D-channel number and y= message type.

PRI4501 Invalid service identifier. This service identifier which defines a supplementary service is currently invalid or not supported by M1.

PRI5029 Reverse charging is not allowed.

PRI5030 {PRI2 TN} {phantom DTI2 TN} A PRI2 trunk used by the ISPC feature has been found in an invalid state. The call active on the ISPC phantom DTI2 trunk (which is linked with the PRI2 trunk) is cleared.

The phantom DTI2 trunk is put in disabled state.

The ISPC call active on the PRI2 trunk is cleared.

PRI5032 DH: n DATA: id DCHI does not have expanded firmware so cannot support this service ID; or if the pack installed has the expanded firmware, the pack needs to be reseated.

Action: Disable all ports on the card, then remove and reseat the card. Re-enable the ports. The error message should not recur.

PRI5033 An application has requested to send on a QSIG a non-call related message received on MCDN but the QSIG RCAP is not configured on the outgoing link or the service is not supported on QSIG. The message is rejected.

Output: DCH or DSL number, PRI/BRIT type, Service identifier. The following service identifiers are defined:

1. Network ring again
2. Network ACD

3. Network Attendant Service
4. Network Message Center
5. Trunk Route Optimization

6. Network Call Trace
7. Remote Virtual Queuing
8. VNS service
9. Network Remote Call Forward
10. Network Radio Paging

PWR: Power and System Monitor

PWR messages are received from the System Monitor. They indicate power and temperature status or failures. The output format for all PWR messages is:

PWRxxxx HW SM UEM U

Where:

HW = hardware type, possible values are:

CRBK = Circuit Breaker
DCSP = DC power supply
FANU = Fan unit
PFTC = Power Fail Transfer Card
PWSP = Power Supply including the ringing generator
THSW = Thermal Switch
UPSA = Uninterruptible Power Supply Alarm
XSMC = System Monitor Card

SM = System Monitor (0-63), 0 = the master System Monitor

UEM = Universal Equipment Module, possible values are:

0 = bottom UEM or not applicable
1 = second UEM
2 = third UEM
3 = top UEM

U = power unit number, possible values are:

0 = not applicable
1 = power unit 1
2 = power unit 2

PWR messages

PWR0000 hw

System Monitor or power supply is OK. Output may be:

PWR0000 XSMC — System Monitor is OK

PWR0000 PWSP — Power unit is OK

PWR0001

Partial failure on power supply.

Action: Replace the indicated power supply.

PWR0002

Complete failure on power supply.

Action: Replace the indicated power supply.

PWR0003

Power supply not installed or has been removed.

PWR0004

Circuit breaker has tripped. System has overheated.

Action: Check the blower unit, air filter, air ventilation and room air conditioning.

PWR0005

One or more fans has failed in the Blower unit.

Action: Replace the unit.

This message occurs when the NT7D17AC or NT7D17DC fan shelf in Option 21 systems is turned on. This is not an error condition if PWR0005 is followed by PWR0046 (sensor alarm cleared) and PWR0045 (fan functioning).

PWR0006

Blower air probe temperature sensor alarm. This indicates one of the following:

1. Blower air probe temperature sensor has reached
2. 55 degrees C (131 degrees F).
3. Blower unit has lost power.
4. Blower unit air probe temperature sensor is faulty or disconnected.

Action: Check the blower unit, air filter, air ventilation and room air conditioning.

PWR0007

Column temperature has reached 70 degrees C (158 degrees F). If the blower has reached 55 degrees C (PWR0006 message) then the circuit breaker will trip in 30 seconds.

Action: Check the blower unit, air filter, air ventilation and room air conditioning.

PWR0010 hw

For PWR010 UPSA: Uninterruptible Power Supply (UPS) alarm condition 1. The meaning depends on the UPS manufacture

Best Inc. UPS — inverter is ON

	Lorain UPS — inverter is ONExide UPS — AC power failed Alpha UPS — inverter is ON For PWR010 DCSP: DC trip alarm is ON (circuit breaker has tripped).
PWR0012 hw	For PWR012 UPSA: Uninterruptible Power Supply (UPS) Summary alarm (condition 2). The meaning depends on the UPS manufacturer. Best Inc. UPS — Summary alarm is ON Lorain UPS— bypass is ON Exide UPS — bypass is ON Alpha UPS — low battery For PWR012 DCSP: DC alarm is ON.
PWR0013	Slave System Monitor is not responding. **Action:** Check the serial link cable or replace the System Monitor.
PWR0014	System Monitor failed self test. **Action:** Replace the System Monitor.
PWR0015	SL-1 NT, RT, ST or XT cabinet has an alarm condition.
PWR0016	Power fail transfer has been activated.
PWR0017	DCON 0 alarm is ON. **Action:** Check DC power supply.
PWR0018	DCON 1 alarm is ON. **Action:** Check DC power supply.
PWR0019	DCON 2 alarm is ON. **Action:** Check DC power supply.
PWR0020	DCON 3 alarm is ON. **Action:** Check DC power supply.
PWR0044	Circuit breaker had been reset.
PWR0045	Fan unit repaired.
PWR0046	Blower unit air probe temperature sensor is now less than 55 degrees C (131 degrees F).

PWR0047	Column temperature now less than 70 degrees C (158 degrees F). Circuit breaker trip signal is released.
PWR0050 hw	For PWR050 UPSA: Uninterruptible Power Supply (UPS) alarm condition 1 has been cleared. For PWR050 DCSP: DC trip alarm is OFF (circuit breaker has been reset).
PWR0052 hw	For PWR052 UPSA: Uninterruptible Power Supply (UPS) alarm condition 2 has been cleared. For PWR050 DCSP: DC alarm is OFF.
PWR0053	Slave System Monitor is now responding.
PWR0054	System Monitor passed self test.
PWR0055	SL-1 NT, RT, ST or XT cabinet alarm condition has been cleared.
PWR0056	Power fail transfer deactivated.
PWR0057	DCON 0 alarm has been cleared.
PWR0058	DCON 1 alarm has been cleared.
PWR0059	DCON 2 alarm has been cleared.
PWR0060	DCON 3 alarm has been cleared.

RCV: Recovery Messages

With X11 Release 19.30 and later, the Meridian 1 has the capability to avert system initializations with code 000C through an auto-recovery mechanism. When an error condition is detected that can lead to an INI000C, the auto-recovery mechanism will analyze the problem to determine whether it could be resolved locally without triggering a system initialization.

If the error condition can be resolved, a Recovery Messages (RCV) will be printed on the maintenance TTY, indicating the nature of the problem and the fact that an INI000C has been averted.

If the error condition cannot be resolved, an INI000C will be invoked in the current operation. If multiple RCV messages are received, the system will trigger an initialization to ensure system integrity. However, the initialization will be deferred until after the midnight routines to avoid impact to call processing. The INI001C message will appear to identify the deferred initializations.

If RCV messages have occurred multiple times within a 24-hour period, report the error conditions to your support engineer.

Prior to X11 Release 19.30, the INI000C codes also cover scenarios other than those identified in RCV messages. With Release 19.30 and later, the INI001D code is produced to identify scenarios in which the auto-recovery mechanism cannot be applied.

RCV messages

RCV0000 An invalid queue block type was found. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group.

RCV0001 Invalid queue information was found. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group.

RCV0002 A broken queue problem was detected. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group.

RCV0003 Invalid information was found in the queue header block. The auto-recovery mechanism has taken appropriate action to avert INI000 000C.

Action: If more than one RCV message has appeared, report the problem to your technical support group

RPD: 1.5 Mb/s Remote Peripheral Equipment Diagnostic (LD 33)

This program is loaded manually or as one of the daily maintenance (midnight) routines. It must be included in the midnight routines for any system having Remote Peripheral Equipment (RPE).

Problems are reported in RPD messages.

RPD messages

RPD0000 Program identifier. No action.

RPD0001 Invalid input character.

Action: Check input.

RPD0002 Invalid command.

Action: Check input.

RPD0003 Incorrect number of parameters for command.

RPD0004 Invalid customer number for CMIN.

Action: Check input.

RPD0005 Invalid parameter value or option for command.

Action: Check input.

RPD0006 Loop specified is not an RPE loop. Command was not executed.

Action: Use LRPE command to determine which loops are equipped RPE loops.

RPD0007 ENLL command specified loop which was already enabled or test was requested on disabled loop. Command not executed.

Action: Use ENLL or DISL as required.

RPD0008 ENLL command not executed.

Action: Use LD 32 to enable PS.

RPD0009 A DISI request is already active. The current request may be canceled via the END command.

RPD0010 Command execution is in progress.

Action: Enter END to terminate, if required.

RPD0011 Attempt to disable primary carrier. Command not executed.

Action: Use SCAR command to make the other carrier primary.

RPD0012 loop c The current command has cancelled an active DISI request for carrier c. This is not an error condition.

RPD0013 Carrier enabled when ENLC command given or carrier disabled when DISI or DISC command given. Command not executed.

Action: Use ENLC or DISC.

RPD0014 Current non-primary carrier disabled or DISI active on carrier.If this condition is detected during the midnight routines, the loop number is also output. SCAR command not executed.

Action: Use ENLC to enable secondary carrier.

RPD0015 Cannot switch carriers due to faults on secondary carrier. Disabling, then re-enabling the secondary carrier will clear fault indications for the carrier. This procedure should be used only if it is essential to switch carriers or if it is believed that the fault on the carrier has been cleared.

RPD0016 Command not available.

Action: Use LD 62.

RPD0017 Continuity test not done. All channels were busy. Test later. No fault implied.

RPD0018 loop c Carrier c disabled per DISI request.

RPD0019 Cannot switch carriers. Carrier status monitoring is disabled. If this condition is detected during midnight run, loop number is also output.

Action: Use the ENLM command to re-enable status monitoring.

RPD0020 Attempt to disable a loop to which the active maintenance set is connected. Command is not executed.

RPD0021 loop An input buffer overflow occurred during an RPS test of the loop. Some signaling messages were lost. The memory test was terminated. No fault is implied.

Action: Repeat test later.

RPD0022 A STAT command was entered to check the status of the current DISI command but no DISI command was active.

RPD0030 Program was loaded automatically to check carrier which had been automatically re-enabled. All RPE loops are tested and faults are indicated by output codes.

RPD0202 loop: s1 s2 sn Continuity test failed for shelves s1, s2, etc. If all shelves on the loop failed, treat as RPD240. If at least one shelf is not in the list, probable fault in:

1. Peripheral Buffer or Controller
2. cable connecting network card to PE shelves

RPD0203 loop: n Test of connection memory of network card failed, n channels are disabled. Network card probably faulty. If multiple network cards in the same group show this fault, it may be a fault in the CE extender connected to the group.

RPD0204 loop Loop failed to respond to ENLL. Check that the network card is present and enabled at the faceplate switch. If so, the card may be faulty. If other loops on the same shelf fail to respond, it may be a fault in the CE extender to the group.

RPD0205 loop The continuity checker is faulty. Possible fault in the network card.

RPD0208 loop ts Network map indicates timeslot is idle but network memory is not idle.

RPD0211 loop c Outgoing carrier c has failed. Timeslots using this carrier have been busied out. Use LD 62 LOCL command to check local end. If RPE211 is output from this command, then the fault may be:

1. QPC62 1.5Mb/s Baud Converter at local end
2. other local RPE cards
3. Network card

RPD0214 loop c Incoming carrier c has failed. Timeslots using this carrier have been busied out. Use LD 62 LOCL command to check local end. If RPD214 or RPD215 is output from this command, then the fault may be:

1. QPC99 Carrier Interface at local end
2. QPC63 Local Carrier Buffer

3. Network card

If RPD214 or RPD215 is not output from the LOCL command, then the fault may be in the incoming line from the remote site, or the QPC62 at the remote site.

RPD0215 loop c Same as RPD214.

RPD0220 loop Local carrier buffer card does not respond. Fault may be:

1. QPC63 Local Carrier Buffer
2. Network card
3. cable connecting the above cards

RPD0221 loop Local carrier buffer card failed signaling test. See RPD220 for possible faults.

RPD0230 loop The QPC65 Remote Peripheral Switch failed to respond. Use LD 62 STAT command to determine which carrier is primary, then use the LOCL loop c ALL command to test that carrier's local equipment. If the test shows no fault at the local end, the fault may be in the remote end:

1. QPC63 Local Carrier Buffer
2. Network card
3. cable connecting the above cards

RPD0231 loop x The QPC65 Remote Peripheral Switch failed the memory connection test, x speech channels have been disabled. Fault may be the QPC65 Remote Peripheral Switch.

RPD0232 loop x Same as RPD230 except all tested channels failed.

RPD0240 loop c x Continuity test failed with carrier c, x speech channel have been disabled. Use LD 62 LDIS command for each carrier on the loop to determine which channels failed.

Action: Use the LOCL command to test carriers with disabled channels. If the LOCL tests pass, the fault may be at the remote QPC62 1.5 Mb/s Baud converter.

RPD0250 loop Carriers did not switch with SCAR command or in the midnight routines. This fault, by itself is not service affecting. Fault may be:

1. QPC63 Local Carrier Buffer local or remote
2. QPC99 Carrier Interface at local end
3. QPC66 2 Mb/s Baud Converter local or remote

4. QPC99 Carrier Interface remote end

5. QPC62 1.5 Mb/s Baud Converter remote end

RPD0260 loop More than 24 messages have been received from the local carrier buffer since the midnight routines, or since the last time the loop was enabled.

This message may occur with excessive use of the LD 33 SCAR command or the LD 62 manual tests. Otherwise, there is an intermittent fault which affects one or both carriers. In this case, see RPD214 for fault causes.

RPD0261 loop c High error rate on carrier c. See RPD211 and RPD214.

RPD0300 Card did not respond to command/query (response timed out).

Action: Ensure that the card is plugged in correctly, and the faceplate switch is in the enable position. If the card is still not responding a download is necessary.

RPD0301 Response to DSOP: Disabling this link would bring down service; command refused.

Action: Use LD 32 to disable FNET and FPEC and then try again.

RPD0302 Response to ENOP: packlet does not exist. Can not enable this link.

Action: Insert packlet on both cards (FNET and FPEC) or stop the transmission test.

RPD0303 Response to MNSN/MNSP: other link is faulty or disabled. Command refused.

Action: Enable the link using the ENOP command and then try again.

RPD0304 Response to MNSN/MNSP: other link is under transmission test. Command refused.

Action: Stop transmission test using the ’FSTP’ command and try again.

RPD0305 Response to FTST: only one test can be performed. Command refused.

Action: Use FSTA command for test status, or stop the test and try again. If the link is disabled then use the ’ENOP’ command and try again.

RPD0306 Response to FSTA/FSTP: there is no running test; Command refused.

Action: Use the ’FSTA’ command for starting a test and try again.

RPD0307 Cannot send message to Fibre Network Card.

Action: Wait and retry the command layer. If this error occurs again check the FNET card and associated cabling (equivalent of NPR084).

RPD0308 Response to PRPM: message with wrong Performance Monitoring interval number received.

Action: Wait and retry the command later.

RPD0309 Remote IPE Package (286) is restricted.

RPE: 2.0 Mb/s RPE Alarm Handler Diagnostic (LD 53)

The RPE Alarm Handler monitors and reports alarm signals generated for the 2.0 Mb/s Remote Peripheral Equipment feature. To test RPE, use LD 53.

This Overlay is not provided on Option 11 systems, since Remote Peripheral Equipment (RPE) is not used on these systems.

The following alarm conditions and responses are reported by the resident RPE alarm handler:

RPE0xx—indicates occurrence of processor-detected faults

RPE1xx—indicates counter threshold violations on processor detected faults. Sparing will be attempted if the loop is not under maintenance control.

RPE2xx—indicates timer threshold violations on processor-detected faults. Sparing will be attempted if the loop is not under maintenance control.

RPE3xx—indicates problems associated with sparing. Sparing will be aborted.

RPE4xx—indicates problems encountered during initialization of RPE loops.

RPE messages

RPE0001 loop — Frame alignment signal error rate exceeded at remote site of loop. Message is printed for each occurrence.

RPE0002 loop PCM error rate exceeded at remote end of RPE loop. Message is printed for each occurrence.

RPE0003 loop Customer-specified alarm 3 for RPE loop.

Action: Refer to customer records.

RPE0004 loop Customer-specified alarm 2 for RPE loop.

RPE0005 loop Remote controller failed on RPE loop.

Action: Test remote RPC.

RPE0006 loop Customer-specified alarm 1 for RPE loop.

RPE0007 loop Loss of carrier clock at the local site for RPE loop. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0008 loop Path switch missing faulty or disabled on RPE loop.

Action: Check path switch for shelf. Enable if disabled or replace if faulty.

RPE0010 loop Loss of frame alignment at the remote site of RPE loop. Message printed for each occurrence.

RPE0011 loop Loss of frame alignment at the local site of RPE loop. Message printed for each occurrence.

RPE0012 loop PCM error rate exceeded at local site of RPE loop. Message printed for each occurrence.

RPE0013 loop Frame alignment signal error rate exceeded at local site for RPE loop. Message printed for each occurrence.

RPE0014 loop Local controller outgoing messages buffer of loop overflowed. Message printed for each occurrence. Probable network fault.

Action: Test network.

RPE0015 loop Local controller incoming messages buffer of loop overflowed. Message printed for each occurrence.

Action: Perform loop-around test on loop.

RPE0016 loop Local controller of RPE loop initialized. Probable local RPC fault.

Action: Test RPC.

RPE0017 loop SSD failure on peripheral buffer of RPE loop. Check peripheral buffers.

RPE0023 loop	Customer specified alarm 3 has been cleared.
RPE0024 loop	Customer specified alarm 2 has been cleared.
RPE0025 loop	Warning: Customer specified alarm has not been cleared.
RPE0026 loop	Customer specified alarm 1 has been cleared.
RPE0101 loop	Counter threshold of alarm condition RPE001 exceeded. Probable carrier fault. **Action:** Use loop-around test to isolate.
RPE0102 loop	Counter threshold of alarm condition RPE002 exceeded. Probable carrier fault. **Action:** Use loop-around test to isolate.
RPE0105 loop	Counter threshold of alarm condition RPE005 exceeded. **Action:** Test and repair remote RPC.
RPE0110 loop	Counter threshold of alarm condition RPE010 exceeded. Probable carrier or Carrier Interface (CI) pack fault. **Action:** Use loop-around test to isolate.
RPE0111 loop	Counter threshold of alarm condition RPE011 exceeded. Probable remote RPC or CI card failure.
RPE0112 loop	Counter threshold of alarm condition RPE012 exceeded. Probable carrier fault. **Action:** Use loop-around tests to isolate the fault.
RPE0113 loop	Counter threshold of alarm condition RPE013 exceeded. Probable carrier fault. **Action:** Use loop-around tests to isolate the fault.
RPE0116 loop	Counter threshold of alarm condition RPE016 exceeded. **Action:** Test and repair RPC card.
RPE0201 loop	Alarm RPE001 has exceeded timer threshold. Probable carrier fault. **Action:** Use loop-around test to isolate.
RPE0202 loop	Alarm RPE002 has exceeded timer threshold. Probable carrier fault. **Action:** Use loop-around test to isolate.
RPE0205 loop	Alarm RPE005 has exceeded timer threshold. **Action:** Test and repair remote RPC.

RPE0210 loop Alarm RPE010 has exceeded timer threshold. Probable CI or carrier fault.

Action: Use loop-around test to isolate.

RPE0211 loop Timer threshold of alarm condition RPE011 exceeded. Probable remote RPC or CI failure.

RPE0212 loop Timer threshold of alarm condition RPE012 exceeded. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0213 loop Timer threshold of alarm condition RPE013 exceeded. Probable carrier fault.

Action: Use loop-around test to isolate.

RPE0300 l1 l2 l3 Request to spare loop l1 with l2 has failed. l1 was switched to L3 loop instead. Path switch or spare loop faulty.

Action: Test and repair.

RPE0301 loop Loop cannot be spared because it is a spare loop. Spare loop may be disabled; check status.

RPE0302 loop Loop does not have a spare. Sparing aborted.

RPE0303 g Group g is out of range or data corruption.

RPE0304 loop s Loop l cannot be spared by s because spare is in use.

Action: Test and clear fault on loop already spared.

RPE0305 loop s Loop cannot be spared by s because spare is faulty.

Action: Test and clear fault on spare loop.

RPE0306 l1 l2 Loop l1 cannot be spared by l2 because path switch is disabled or unequipped.

Action: If path switch is equipped, enable and try again.

RPE0307 l1 l2 Loop l1 sparing by l2 aborted because of bad response from remote RPE in spare loop.

Action: Test RPC of spare loop.

RPE0308 l1 l2 Loop l1 sparing by l2 aborted because of bad response from remote RPC in spare loop.

Action: Test and repair RPC of spare loop.

RPE0309 l1 l2 Loop l1 sparing by l2 aborted because of bad response from spare loop.

	Action: Test and repair spare loop.
RPE0310 loop	Loop cannot be spared because spare loop is disabled. **Action:** Test and enable spare loop.
RPE0311 l1 l2	Software problem. Loop l2 should not have loop L1 assigned. **Action:** Contact your technical support group.
RPE0312 loop	Loop cannot be spared because loop is disabled. **Action:** Test and enable the loop.
RPE0313	A PSW response message has been received from a prime loop, while it was expecting from the spare loop. (Loop the message comes from and spare loop numbers to follow.)
RPE0400 loop	A PE shelf cannot be enabled after an RPC initialize. **Action:** Test local and remote RPC.
RPE0401 loop	Bad response received from RPC card. **Action:** Test RPC.
RPE0402 loop	Bad response from RPC card. **Action:** Test RPC.
RPE0403 loop	Bad response from RPC card. **Action:** Test RPC.
RPE0404 loop	No protected RPE group data block has been defined for this loop. Loop has been disabled.
RPE0500 loop	Loop has been spared.

RPL: 1.5 Mb/s Remote Peripheral Equipment Local End Diagnostic (LD 62)

The 1.5 Mb/s Remote Peripheral Equipment Diagnostic, Local End program (LD 62) is loaded manually to test the local equipment associated with a particular carrier going to a remote site. Problems are reported in RPL messages.

RPL messages

RPL0000 Program 62 identifier.

RPL0001 Invalid input character.

RPL0002 Invalid command.

RPL0003 Incorrect number of parameters.

RPL0005 Invalid parameter value or option.

RPL0006 Loop is not an RPE loop. LRPE command of LD 33 will give equipped RPE loops.

RPL0007 Loop is disabled.

Action: Use ENLL command of LD 33.

RPL0009 DISI command already active.

Action: Use END to cancel DISI.

RPL0010 Command execution already in progress.

Action: Enter END to terminate, if desired.

RPL0011 DISC or DISI specified primary carrier. Command not executed.

Action: Use SCAR to make the other carrier primary.

RPL0012 loop c The current command has canceled the active DISI command on carrier c. This is not an error condition, message is for information only.

RPL0013 Carrier enabled when ENLC, LPBK or LOCL command given; or carrier was disabled when DISI or DISC given. Command not executed; use ENLC or DISC.

RPL0014 Current secondary carrier is disabled or DISI active on carrier. SCAR command not executed.

Action: Use ENLC to enable secondary carrier.

RPL0015 Cannot switch carriers because of faults on secondary carrier.

Action: If fault has been found and cleared or if it is essential to switch carriers, disabling then re-enabling the secondary carrier will clear the fault indications. A complete test using LD 33 should be made to avoid the use of faulty timeslots by call processing functions.

RPL0018 loop c DISI command completed for carrier c. This is not an error condition.

RPL0019 Cannot switch carriers: carrier status monitoring disabled. Use ENLM command of LD 33 to re-enable status monitoring.

RPL0022 STAT command given when no DISI command was active.

RPL0023 During execution of the LOCL test with the ALL option, the channel required for testing the signaling channel was busy.

Action: This is not a fault condition; retry test later.

RPL0203 loop n Test of connection memory of network for loop failed, n channels are disabled. Network card probably faulty. See also RPD203.

RPL0205 loop Continuity checker on loop is faulty. Network card probably faulty.

RPL0208 loop ts Network map in software indicates that timeslot ts is idle but connection memory word for that slot is not idle. Probable software fault, similar to BUG365. The timeslot will be marked busy.

RPL0211 loop c Outgoing carrier c has failed. If this message appears in response to the LOCL command, probable fault in:

1. 1.5 Mb/s Converter at local end
2. Other local RPE pack; Local Carrier Buffer, 2 Mb/s Converter or Carrier Interface.
3. Network card

RPL0214 loop c Incoming carrier c has failed. If this message appears in response to the LOCL command, probable fault in:

1. Carrier Interface at local end
2. Local Carrier Buffer
3.Network card

RPL0215 loop c Incoming carrier c has failed. If this message appears in response to the LOCL command, probable fault in:

1. Carrier Interface at local end
2. Local Carrier Buffer
3. Network card

RPL0220 loop LCB card does not respond. Probable fault on:

1. Local Carrier Buffer
2. Network card
3.Cable connecting the above packs

RPL0221 loop Scan and Signal Distributor (SSD) on LCB pack failed the signaling test. Same as for RPL220.

RPL0241 n During the LOCL test, n speech channels which are always carried by the carrier being tested, failed continuity test. Probable fault at local end on 2 Mb/s Converter, 1.5 Mb/s Converter or LCB.

RPL0242 n During the LOCL test with the ALL option, n speech channels which are carried by the carrier (only when it is the primary carrier) being tested, failed the continuity test. See RPL241.

RPL0243 Local loop-around test of signaling channel failed. See RPL241.

RPL0250 loop Carriers failed to switch. Faulty LCB, Carrier Interface or 2 Mb/s Converter at local end.

RPL0251 During the LOCL test with the ALL option, carrier not being tested could not be made primary. See RPL250.

RPM: 2.0 Mb/s Remote Peripheral Equipment Diagnostic (LD 53)

The 2.0 Mb/s Remote Peripheral Equipment Diagnostic program (LD 53) is loaded as part of the daily routines, or manually to enter commands. Problems are reported in RPM messages.

RPM messages

RPM0000 Program 53 identifier.

RPM0001 Invalid input character.

Action: Check input.

RPM0002 Invalid command.

Action: Check input.

RPM0003 Incorrect number of parameters.

Action: Check input.

RPM0004 Invalid customer number for CMIN.

Action: : Check input.

RPM0005 Invalid parameter value or option.

Action: Check input.

RPM0006 Loop specified is not an RPE loop. LRPE will give equipped RPE loops.

RPM0007 Loop already enabled (ENLL) or loop already disabled (DISL/DISI).

RPM0008 Peripheral Signaling (PS) pack associated with given loop is disabled. ENLL command not executed.

	Action: Use LD 32 to enable PS pack.
RPM0009	DISI command already active. Command may be canceled via END.
RPM0010	Command already in progress.
RPM0011	ENLS command, shelf already enabled.
RPM0012 loop	Active DISI command. This is not an error condition.
RPM0013	ENLL, REML specified enabled loop. Disabled loop in DISI command.
RPM0017	Continuity test not done because channels were busy. **Action:** This is not a fault condition; retry test later.
RPM0018 loop	DISI command. This is not an error condition.
RPM0019	RPE group is not equipped.
RPM0020	Attempt to disable a loop to which an active maintenance set is connected. Command was not executed.
RPM0022	STAT command without DISI command active. DISI command is completed. See DISI command.
RPM0041 loop	Command failed because of wrong response or invalid message. Message passed to alarm handler.
RPM0042 loop	Cannot do remote loopback because local loopback already active.
RPM0044 loop	Loop is not in loop-back mode. Use LBKL or LBKR to put it in loopback mode.
RPM0046 loop	Network does not respond. **Action:** Check network for enable/disable status.
RPM0047 loop	Command aborted, loop is not disabled.
RPM0048 loop	Command aborted, loop is in loop-back mode. **Action:** Remove loop from loop-back mode (OLBL or OLBR).
RPM0049 g	Group number out-of-range or invalid. **Action:** Check data and try again.
RPM0050 g	RPE group number not defined as an RPE group.

RPM0051 loop Continuity test: Data pattern received is not the same as sent during loopback.

RPM0052 loop Continuity test: Timeout when waiting for sent data pattern to come back during loopback.

RPM0054 loop Wrong message received when reading status register or incorrect path switch status.

RPM0055 loop Timeout when reading status register after sending unsparing message.

RPM0056 loop Group which loop belongs to is not spared.

RPM0057 loop UNSP command was not successful in its attempt to disable the spare loop in software to prevent new calls from taking place.

RPM0058 loop Cannot unspare group because loop is not enabled.

RPM0202 loop: s1 s2 Continuity test failed for shelves s1, s2, etc. If all shelves on the loop failed, treat as RPM240. At least one shelf is not in the list, probable fault in:

1. Peripheral Buffer in shelves listed
2. Shelf or shelves listed
3. Cable between PE shelves

RPM0203 loop: n Connection memory test failed; n channels are disabled. Network card probably faulty. If multiple network cards in the same exhibit show this fault, CE extender card connected to the group is probably faulty.

RPM0204 loop Loop failed to respond.

Action: Check that network is present and enabled by faceplate switch; if so, card may be faulty. If other loops on the same shelf also fail to respond, a fault in the CE extender connected to the group is possible.

RPM0205 loop Continuity checker is faulty. Network card probably faulty.

RPM0208 loop: ts Network map in software indicates that October timeslot ts is idle but the connection memory word for that slot on network card is not idle. The slot will be marked busy. Probably a software fault similar to BUG365.

RPM0240 loop: n Continuity test phase of loop test failed, n speech timeslots are disabled due to this fault.

Action: Use loop-around tests to isolate the fault.

RPM0241 n — During the LOCL test, n speech channels failed continuity test. Probable fault at local end.

Action: Test CI or Remote Peripheral Carrier (RPC).

RPM0242 n — During the REML test, n speech channels failed continuity test. Probable fault at local end CI/RPC or carrier.

Action: Test and repair.

RPM0250 loop — Local RPC processor failed.

RPM0251 loop — Remote RPC processor failed.

RPM0307 loop — Time-out or wrong message when reading control register during closing or opening of loopback.

RPM0308 loop — Loop down (LPDN) status does not verify. Probable fault in local RPC.

RPM0309 loop — Timeout when reading data pattern written to control or status register during loopback.

RPM0310 loop — Wrong data pattern returned when reading control or status register during loopback.

RPM0315 loop — Timeout when reading control register.

RPM0316 loop — Wrong or unexpected message received when reading control register.

RPM0317 loop — Timeout when reading shelf enable register.

RPM0318 loop — Wrong or unexpected message received when reading shelf enable register.

RPM0319 loop — Timeout when reading status register.

RPM0320 loop — Wrong or unexpected message received when reading status register.

RPM0321 loop — RPE2 package restricted.

RPM0322 loop — There are no RPE2 groups configured.

RPM0323 loop — Loop number out-of-range (RCNT).

RPM0324 loop — TRPL interrupted.

RPM0325 loop — Loop is not spared (UNSP).

RPM0326 loop — Spare loop cannot be unspared (USNP).

RPT: System Reporting

RPT messages

RPT0001	Begin suppression of {filename}.
RPT0002	End suppression of {filename}.
RPT0003	Unknown report (not in database). cat x, report y.
RPT0004	X reports missing in log just before x.

SCH: Service Change

The SCH messages indicate invalid responses, or service change problems caused by a system condition (for example, the time and date is not set). SCH messages are also output when corrupt or invalid data is detected.

SCH messages

SCH0001 TNTRANS failed on remove from core. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

Caution: Call processing will be interrupted during reload.

SCH0002 TNTRANS failed on recover workspace.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0003 TNTRANS passes on recover out workspace.

Caution: Call processing will be interrupted during reload.

SCH0004 TNTRANS passes on work to core.

SCH0005 RDB translator passes and fails. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0006 The maximum number of MWI NSI tables (32) has been reached.

Action: Contact your technical support group if 32 tables are insufficient.

SCH0007 Character out of range B, E< K< N< Q< T< W< b, e, h, k, n, q, t, w, or z. SUFF is re-prompted.

Action: Enter a character inside the valid range or {CR} if CHG command.

SCH0008 Not an alphanumeric character.

Action: Enter character(s) inside the valid range or {CR} if the command is CHG or it the prompt is PRMT.

SCH0009 Too many characters for the NSI parameters already entered. MFID is re-prompted.

Action: Enter a maximum of 126 characters for the total of the MWI NSI parameters.

SCH0010 0DNXLBLOCK has a pointer flag but no pointer. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0011 TN in DNBLOCK fails TNTRANS.

SCH0012 TN in DNBLOCK produces illegal TN type. Corrupted data in memory.

Action: System should be reloaded. If the fault persists, contact your technical support group.

SCH0013 Terminal cannot be moved to a card with different XTRK field (XUS versus non-XUS).

SCH0014 Invalid trunk type for XUS.

SCH0015 XUS trunk unit must belong to an XUS route only, and vice-versa.

SCH0016 In XUS RAN, only LVL and AUD route types are allowed.

SCH0017 If HLPA/HRLA then must IHA. (Individual hold allowed, OPT IHA in CDB, Overlay 15).

Action: Configure the IHA in the CDB by using Overlay 15.

SCH0018 Facility number out of range.

Action: Input a facility number from 1 to 99999

SCH0019 Facility number is already defined for that service.

Action: Check the subscription parameters with the local CO and input the correct subscribed facility number.

SCH0020 Illegal attempt to modify existing data.

SCH0023 No CLIP list is allowed for this customer (CLIP-MAX=0).

SCH0028	Attempt to configure RCAP with a QSIG Diversion remote capability when one is already configured. **Action:** Remove the already configured RCAP before entering a new one.
SCH0029	BCOT initialized due to one of the following conditions: TKTP = ISA, DGTP ^= PRI, MODE ^= PRA, IFC ^= D100 or D250 or ESS4 or ESS5 or NI2
SCH0030	Digit input instead of alpha input is required. **Action:** Re-enter only numerals.
SCH0031	Autoline key should have a DN associated with it.
SCH0032	IADN cannot be Attendant Overflow DN.
SCH0033	IADN cannot be a System Night DN.
SCH0034	The RCAP PRI (or PRO) is only allowed for QSIG interface type.
SCH0035	Attempt to configure RCAP to PRI when PRO is already configured. **Action:** Remove the RCAP PRO first.
SCH0036	Attempt to configure RCAP to PRO when PRI is already configured. **Action:** Remove the RCAP PRI first.
SCH0037	Autoline key should have a DN associated with it.
SCH0038	IADN cannot be Attendant Overflow DN.
SCH0039	IADN cannot be System Night DN.
SCH0040	ROA/MOH does not exist for specified customer.
SCH0041	Invalid range. Not enough digits.
SCH0048	Not enough memory to allocate a DPNSS1 MWI or MWNS table. **Action:** Contact your technical support group.
SCH0049	Priority buzz cadence is out of range (2-16 seconds).
SCH0050	ROA/MOH data block already exists.
SCH0051	Attempt made to change a non broadcasting RAN route to broadcasting with an insufficient number of available ISM RAN connections.

Action: Contact your technical support group and request an increase to the ISM limit.

SCH0052 Attempt was made to change a RAN route to broadcasting or non broadcasting with active calls.

Action: Customer must take an action to not have any more active calls to any of the trunk members. Trunks may be disabled or the RAN route may be replaced by another one during the change. This last option will not disconnect any call.

SCH0053 Attempt made to change the maximum number of connections to a broadcasting trunk of a RAN route in overlay 16, but such a change would exceed broadcast RAN connection ISM limit.

Action: Request your technical support group to increase theISM limit.

SCH0054 Attempt was made to define a RAN route as a broadcast route with an insufficient number of available ISM broadcasting RAN routes.

Action: Request your technical support group to increase theISM limit.

SCH0055 Invalid console type for Individual Attendant DN.

SCH0057 Reduce the MAX value of NI-2 CBC service routes before removing B-channels/ trunks.

Action: Check the MAX value of service routes

SCH0059 Responses NUM4/NUM6 are not allowed if the MMCS and Master Mode Packages are not equipped. CNTY is re-prompted.

Action: Equip Packages 309 and 317 and re-load.

SCH0060 Insufficient data entered.

SCH0061 The executed operation requires the QSIG-SS package which is restricted. The executed operation is ignored.

SCH0062 The change of a Music broadcast route to a non broadcasting route, is not allowed.

SCH0063 Change of a Music route to a broadcasting route with active calls, is not allowed.

Action: Replace the route with another music route. Wait for active calls to be released before doing the change.

SCH0064 The TITH value is out of range (0-300).

Action: Enter a value that is in range.

SCH0065 The NCTH value is out of range (0-100).

Action: Enter a value that is in range.

SCH0066 The CONN value is out of range (4-48).

Action: Enter a value that is in range.

SCH0067 The LGTH value is out of range (4-7200).

Action: Enter a value that is in range.

SCH0068 Two sequences starting with the same digits cannot have wildcards : "#". A digit before the wildcard must differentiate between the two to enable them to coexist in the list.

SCH0069 No sequences exist in this list.

Action: Use NEW.

SCH0097 The MWI NSI tables for this customer have reached the maximum size allowable.

Action: Contact your technical support group if 512 words are not enough for the MWI NSI tables of a customer.

SCH0098 Request to add CMOD unit is rejected. System already has 255 CMOD units configured.

SCH0099 This message appears when the invalid input has been entered for a particular prompt in an overlay. The actual output may vary, according to the input received.

Action: Re-enter prompt with correct input data. Refer to the following examples for possible output.

SCH0099 n?: Input number n out-of-range (0-9999999) for LEC.

SCH0099 n?: 0-7 Input number n out-of-range (0-7) for RDNL

SCH0099 n?: 0-9 Input number n out-of-range (0-9)

Action: Choose a number 0 - 9.

SCH0099 XXX XXX is an invalid response. System does not recognize XXX.

Action: Try again.

SCH0099 XXX : AAA XXX is an invalid response. System does not recognize XXX. Where: AAA = the system suggestion of a possible match

SCH0099 XXX : BBB CC Abbreviated response XXX has more than 1 matches. Where:

XXX = a non-unique abbreviated response

AAA, BBB, and CCCC = responses that match XXX

Up to 3 matches are listed and "..." indicates more than 3 matches found.

SCH0099 XXX? {MIN} - {MAX} {TYPE} Response XXX is out-of-range. Valid range is specified by {MIN} - {MAX}, where response type is specified by the following:

{TYPE} = Characters for character string input

{TYPE} = DigitsS for digit string input

No {TYPE} specifies numeric input

SCH0100 Wrong number of input fields for prompt REQ.

SCH0101 Unable to match input fields with stored mnemonics.

SCH0102 Repeat count out-of-range (2-255).

SCH0103 ROA or MOA package not provided.

SCH0104 AWU package not provided.

SCH0105 Wrong number of parameters.

Action: Re-enter input.

SCH0106 Wrong parameter type.

SCH0107 There are no available busy lamp fields.

SCH0108 Lamp field array is not included in OPT.

SCH0109 TN is already assigned as an LFTN.

SCH0110 Wrong number of input fields.

Action: Prompt MTAR is reprompted. Either press carriage return for default entry of 'NO', or enter one the of the responses 'YES' or 'NO'.

SCH0111 Invalid input.

Action: Prompt MTAR is reprompted. Either press carriage return for default entry of 'NO', or enter one of the responses 'YES' or 'NO'.

SCH0112 Invalid customer number.

SCH0113 The CISMFS package is not equipped.

Action: Equip the CIS MFS package or choose another answer.

SCH0114 An attempt to define the CFMS class of service in LD 14 for a digital trunk on CDT/CSDT12 loop without CISFW=MFS. Define in LD 73.

SCH0115 An attempt to define the CMFS class of service in LD14 when MFS is not defined the Route Data Block.

SCH0116 An attempt was made to remove the CMFS or MFS definitions from the Route Data Block, when there are some trunks defined within the route.

SCH0117 Band value for banded OTWATS is out-of-range.

Action: Input Band value between 0-99.

SCH0118 Band value for banded OUTWATS is already defined.

Action: Check with the local CO for the correct Band value.

SCH0119 NI-2 CBC package is not equipped.

Action: Install NI-2 CBC package.

SCH0120 Wrong number of input fields for prompt TN.

SCH0121 Loop not specified in configuration as terminal loop.

SCH0122 Loop out-of-range (0-159).

SCH0123 Shelf out-of-range (0-3 single density, 0-1 double density, 0 quadruple density).

SCH0124 Card out-of-range (1-10).

SCH0125 An attempt was made to provision a unit which is out of the valid range for the particular card.

Action: Re-enter TN within valid unit range for the card.

SCH0126 An attempt was made to provision a digital set in the same IPE slot as an existing ITG card.

Action: Re-enter TN within either an empty slot, or a slot with existing digital terminals.

SCH0127 Terminal already exists.

SCH0128 Terminal does not exist.

SCH0129 Trunk type given is not the same as that in the TN block.

SCH0130	Terminal has conflicting station type.
SCH0131	Terminal is not primary TN.
SCH0132	ADM must terminate on unit 1 or 3.
SCH0133	Too many digits entered for NFCR condition.
SCH0134	Value entered for CRCS is out-of-range.
SCH0135	System not equipped with NFCR.
SCH0136	More general condition exists for NFCR.
SCH0137	NFCR linkage not built for customer.
SCH0138	NFCR tree does not exist.
SCH0139	Cannot add ADM or MDM to existing card unless ADM or MDM already exists on the card.
SCH0140	Frequency between 350 and 665 Hz, in 5 Hz increments.
SCH0141	Station type conflicts with existing card.
SCH0142	Terminal already exists.
SCH0143	Terminal does not exist or has conflicting station type.
SCH0144	Disabling FNP functionality. **Action:** FNP data setup must be removed.
SCH0145	Too many parameters for FRL prompts.
SCH0146	A larger MAXT value already exists. Once defined a lower value cannot be entered for MAXT.
SCH0147	MAXT value out-of-range (maximum 255).
SCH0148	A value for MAXT is expected.
SCH0149	NFCR blocks not cleared. Cannot out CDB.
SCH0150	Wrong number of input fields for prompt CUST.

SCH0151 Customer number out-of-range. In Release 15, the customer number is 0-99 for NT, RT, STE, XN and XT machines and system Options 21E, 51, 61, 71 and 81. It remains 0-31 for all other supported machines and system options.

SCH0152 Customer data block does not exist.

SCH0153 Customer data block already exists.

SCH0154 No group list exists for customer N.

SCH0155 Background terminal must be removed before removing customer.

SCH0156 An MWI NSI table already exists for this manufacturer.

Action: Do not use the command NEW for an MWI NSI table which already exists

SCH0157 Frequency delta between 10 and 315 Hz, in 5 Hz increments.

SCH0158 Frequency level maximum between 0 db and -15 db, in 5 db increments.

Action: Enter absolute value: 0, 5, 10 or 15.

SCH0159 Frequency level minimum between -20 db and -35 db, in 5 db increments.

Action: Enter absolute value: 20, 25, 30 or 35.

SCH0160 Wrong number of input fields for prompt ROUT.

SCH0161 Route number out-of-range (0-127).

SCH0162 Route data block already exists.

SCH0163 Route data block does not exist.

SCH0164 Cannot remove route data block while trunks still attached.

SCH0165 Code restriction block already exists.

SCH0166 Code restriction block does not exist.

SCH0167 Route type is not AIOD.

SCH0168 FNP data exists. FNP cannot be made NO.

Action: FNP data setup must be removed. Set VNR to NO in CDB, set all the FLEN to 0, clear FSNS data. MXRL and MXDM range is 1-256. AC1 and AC2 to be of 2 digit length. MXFS must be 0.

SCH0169 Illegal digit in DN.

SCH0170 Wrong number of input fields for prompt STEP.

SCH0171 Step route number out-of-range (0-31).

SCH0172 Invalid step route number/or route number not defined. For dataport can only step to similar data route.

SCH0173 IFC type has to be NI-2 in order to configure NI-2 CBC master route.

Action: Input NI-2.

SCH0174 NI-2 CBC Master Route is not defined.

Action: Configure a NI-2 CBC Master Route.

SCH0175 Route is not NI-2 CBC Master Route.

Action: Use NI-2 CBC Master Route number.

SCH0176 Need to specify NI-2 CBC Master Route number.

Action: Input NI-2 CBC Master Route number.

SCH0177 NI-2 CBC Master Route has no trunks (channels).

Action: Assign trunks (channels) to NI-2 CBC Master Route.

SCH0178 The MAX value exceeds the number of trunks configured for the NI-2 CBC Master Route.

Action: Check the maximum number of trunks (channels) configured on NI-2 CBC Master Route.

SCH0179 In the DGCR list ATDN must be an ACD-DN or a DISA-DN.

SCH0180 Wrong number of input fields for prompt EXTN.

.SCH0181 Directory number already exists.

SCH0182 Directory number conflicts with existing number.

SCH0183 Shorter directory number already exists.

SCH0184 Loop number conflicts with existing DN loop.

SCH0185 Longer directory number already exists.

SCH0186 Station type conflicts with existing DNTYPE.

SCH0187 DN call arrangement conflicts with existing call arrangement.

SCH0188	DNSZ and SSL are mutually exclusive for CIS MFS. (OVL 16)
SCH0189	Either DNSZ or SSL is needed for CIS MFS. (OVL 16)
SCH0190	Wrong number of input fields for prompt ACOD.
SCH0191	Directory number already exists.
SCH0192	Directory number conflicts with existing number.
SCH0193	Number of DNs defined exceeds MNAC.
SCH0194	Attempt to exceed MNAC.
SCH0195	DID routes not allowed for customer in SATT mode.
SCH0196	A key 0 DN key is required on a mobility set. **Action:** Configure key 0 as a DN key.
SCH0197	Attendant's primary and secondary TN must be on same card.
SCH0198	DNSZ and SSL are mutually exclusive for CIS MFS. **Action:** Set DNSZ = 0 or remove the SSL Table.
SCH0199	Either DNSZ or SSL is needed for CIS MFS. **Action:** Enable the CIST package and reload the system.
SCH0200	Wrong number of input fields for prompt KLS.
SCH0201	Number of key/lamp strips out-of-range (1-7).
SCH0202	5 digit dialing.
SCH0203	Input format is incorrect.
SCH0204	Entry is not defined.
SCH0205	Input out-of-range.
SCH0206	Too many table entries.
SCH0207	OPTM requires a YES response.
SCH0208	Cannot optimize because entry is used.
SCH0209	DN out-of-range (LDID/11).

SCH0210	Wrong number of input fields for prompt LHK.
SCH0211	Prime directory number out-of-range (0-9 per key/lamp strip).
SCH0212	Input is too long. Input is rejected. **Action:** Enter a shorter string for the prompt
SCH0213	Invalid set type for OSN key. Input is rejected. **Action:** Define the OSN key on an ARIES 2616 set that is equipped with display.
SCH0214	Invalid route type. Input is rejected. **Action:** Enter a valid route number.
SCH0215	RAN route, RAN trunk, or RAN customer does not exist.
SCH0217	CLS ONDA/ONDD applies only to sets of type MPORTBL.
SCH0218	No device number available for History File, 16 devices used.
SCH0219	Temporary History File buffer is full. No new messages will be added.
SCH0220	Wrong number of input fields for prompt RTMB.
SCH0221	Route number out-of-range (0-31).
SCH0222	Route data block does not exist.
SCH0223	Member number out-of-range (1-126).
SCH0224	Member number already in use.
SCH0225	Route type/station type conflict.
SCH0226	Illegal member number.
SCH0227	Repeat count out-of-range (2-126).
SCH0228	DN size is out-of-range (0-7).
SCH0230	Wrong number of input fields for prompt PRDN.
SCH0231	Directory number does not exist.
SCH0232	Directory number conflicts with existing number.

SCH0233	Directory number conflicts with attendant.
SCH0234	Number conflicts with shorter DN already in translator.
SCH0235	Number conflicts with longer DN already in translator.
SCH0236	Number already assigned to another private member.
SCH0237	Number already exists as other than private DN.
SCH0238	Directory has conflicting type.
SCH0240	Wrong number of input fields for prompt.
SCH0241	Directory number already exists.
SCH0242	Directory number conflicts with existing number.
SCH0243	SETN or SL-1 telephone TN associated with lamp field array must be entered.
SCH0244	TN entered is invalid.
SCH0245	Both thresholds must be given.
SCH0246	Lower threshold must not exceed upper threshold.
SCH0247	Number of calls out-of-range (0-255).
SCH0248	Waiting time out-of-range (0-511).
SCH0249	Only Y or N allowed for CWBZ.
SCH0250	Wrong number of input fields for prompt HUNT.
SCH0251	Hunt number conflicts with existing number.
SCH0252	Invalid DN type for HUNT.
SCH0253	Digit display Class of Service is required for CLS CDCA and/or the CSD key. NDD is mutually exclusive.
SCH0254	Hunt number defined for hunting not allowed CLS.
SCH0255	Illegal Hunt DN.
SCH0256	Input is out of range. Input is rejected. **Action:** Enter a valid number for the prompt.

SCH0257	Input requires the ESA package. Input is rejected. **Action:** Contact your technical support group if the system packaging is incorrect.
SCH0258	OSN key must be on a key-lamp pair key. Input is rejected. **Action:** Define the OSN key on a key-lamp pair key.
SCH0259	Undefined route. Input is rejected. **Action:** Define the route first.
SCH0260	Wrong number of input fields for prompt NITE, ATDN.
SCH0261	NITE, ATDN, MNDN number conflicts with existing number.
SCH0262	NITE, ATDN, MNDN number conflicts with shorter DN.
SCH0263	Either the NITE, ATDN, MNDN number conflicts with a longer DN, or the DN is not defined.
SCH0264	ATDN: null input not permitted.
SCH0265	DN is not defined.
SCH0266	RLDN: number conflicts with existing number.
SCH0267	DN entered does not exist.
SCH0268	Two or more non-zero digits are prompted.
SCH0270	Wrong number of input fields for prompt TYPE.
SCH0271	Unable to match input field with stored mnemonics.
SCH0272	Number of inputs CFLP.
SCH0273	Not a conference loop.
SCH0274	Null input not allowed.
SCH0275	Loop number out-of-range 0-159.
SCH0276	Attempt to assign 2 trunks to one conference.
SCH0277	Conference loop not defined in LD 15 or LD 17.
SCH0278	The DN entered is not a valid OSDN. Input is rejected.

Action: Enter a valid OSDN.

SCH0279 Input requires the ESA_SUPP package. Input is rejected.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0280 Wrong number of input fields for prompt ICOG.

SCH0281 Unable to match input field with stored mnemonics.

SCH0282 I/O device cannot be an OSN user due to user conflict. Input is rejected.

Action: Remove all the conflicting users before configuring the I/O device as an OSN user.

SCH0283 Input requires the ESA_CLMP package. Input is rejected.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0284 ESA database must be removed before the customer database can be removed.

Action: Remove the customer's ESA database before removing the customer database.

SCH0285 VCC DN should be single appearance on SL-1 telephone.

SCH0290 Wrong number of input fields for prompt TGAR.

SCH0291 Trunk group access restriction out-of-range (0-15).

SCH0298 JAPAN TTC package not equipped.

SCH0299 LD 16 - Invalid Privacy Override Indicator entered for DTPO or DPPO prompt.

SCH0300 Wrong number of input fields for prompt RNPG.

SCH0301 Ringing number pickup group number out-of-range (0-255).

SCH0302 Input requires CNUMB package.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0303 Input requires CNAME package.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0304 Input requires either the CNUMB or the CNAME package.

Action: Contact your technical support group if the system packaging is incorrect.

SCH0305 Invalid input for a DIG set.

Action: Enter a valid input.

SCH0307 Wrong number of input fields for prompt.

SCH0308 RPE must be removed from data block before OUT or CHG to terminal loop.

SCH0310 Wrong number of input fields for prompt SIGL.

SCH0311 Unable to match input field with stored mnemonics.

Action: Refer to administration guide for correct response.

SCH0312 Unacceptable signaling for trunk type.

SCH0313 Wrong number of input fields for prompt ANTK.

SCH0314 Invalid number.

SCH0315 CED (LD 35) cannot be deleted from midnight routines for SL-1 MS.

SCH0320 Wrong number of input fields for prompt STAR.

SCH0321 Only applies to RLR trunks.

SCH0324 MSDL block for the DTI loop cannot be allocated. System memory could be low.

Action: Out the DTI loop, free some additional data blocks and try again.

SCH0330 Wrong number of input fields for prompt SUPN.

SCH0334 Incompatible units have been provisioned on the same linecard.

Action: Enter the service change data again.

SCH0335 Wrong number of input fields for prompt CMF.

SCH0336 A Service route is needed for routing incoming public network calls.

Action: Input a service route number.

SCH0337 Has to be a NI-2 CBC service route with TYPE=COT/DID and SRVC=0.

SCH0338 LND is not defined for this customer.

SCH0339	SNA cannot be specified without LNA.
SCH0340	Class of Service is not allowed for this TRK type. **Action:** TIE trunks must be IMM start.
SCH0341	Unable to match input field with stored mnemonics.
SCH0342	A group number is not defined for PUA.
SCH0343	VNL cls is acceptable with EAM signaling types only. **Action:** Set CLS to TRC or NTC.
SCH0344	FNA is not allowed unless hunting is defined.
SCH0345	Incorrect attempt to define CLS = DPIF. Such CLS may only be defined for digital trunks on CDTI2/CSDTI2 cards
SCH0346	DTN not valid for this trunk type.
SCH0347	MFR valid only for CAMA, FGD and M911 trunks.
SCH0348	CAMA (DIP) not valid with route signaling specified.
SCH0349	HTA is not allowed unless Hunting is defined. **Action:** HNT DN and EHT DN must be defined for HTA/CFTA.
SCH0350	Wrong number of input fields for prompt ANUM.
SCH0351	Attendant number out-of-range (1-15).
SCH0352	Attendant number already in use.
SCH0353	Attendant DN must be defined.
SCH0355	Unable to match input field with stored mnemonics.
SCH0356	CFW or ADL DN size out-of-range. **Action:** Enter DN length of 4 -31 digits.
SCH0357	Incorrect number of digits entered. **Action:** Re-enter correct number of digits.
SCH0358	Input is not PAG trunk group access code.
SCH0359	ADL/CFW number exceeds specified length.

Action: Enter ADL/CFW DN within configured ADL/CFW DN length size.

SCH0360 Wrong number of input fields for prompt KEY.

SCH0361 Key number out-of-range 0-9 per key/lamp strip, 0-10 for M2012 and M3000, 0-8 for M2009, 0-17 for M2018, 0-5 for M2006.

SCH0362 Unable to match input field with stored mnemonics.

SCH0363 Key function requires lamp key.

SCH0364 Key function requires 5 state lamp: 0 for busy verify.

SCH0365 Speed Call List number out-of-range (0-253).

SCH0366 Speed Call List does not exist, or Hot Line list is not defined for TYPE = HTL.

SCH0367 Member number out-of-range (0-127).

SCH0368 No RNPU group defined for RNP key.

SCH0369 Function conflicts with existing call arrangement.

SCH0370 Directory number conflicts with DIAL 0.

SCH0371 Shorter directory number already exists.

SCH0372 Function not allowed on MIXED directory number.

SCH0373 Loop number does not match DN loop. Multiple loop DN restricted in LD 17. Creation or expansion restricted.

SCH0374 Longer directory number already exists.

SCH0375 DN type conflicts with input DN type.

SCH0376 Function not allowed on private CO line.

SCH0377 VCC or SIG not allowed on multiple appearance DN.

SCH0378 DN already has maximum number (30) of stations attached.

SCH0379 Group number out-of-range (0-99).

SCH0380 AWU requires digit display.

SCH0381 Absorption digit or TDG entry out-of-range (0-9).

SCH0382	Key 0 or key 1 may not be used for AWU.
SCH0383	Number out-of-range (0-3).
SCH0384	Incorrect number of digits (0-999).
SCH0385	Wrong number of input fields.
SCH0386	Number is out-of-range (0-2).
SCH0387	Unable to match input with stored mnemonics. **Action:** Choose either YES or NO.
SCH0389	Incorrect number of input fields. **Action:** Re-enter input.
SCH0390	Invalid input for new CRB.
SCH0391	Code restriction number out-of-range (200-999).
SCH0392	Timer not required in this route.
SCH0393	Unable to match input with stored mnemonics. **Action:** Choose either NO, B1, B2 or B3.
SCH0394	Incorrect number of input fields.
SCH0395	Input overflow. Number greater than 65536. For PNI, input is greater than 32700.
SCH0396	Input entered is out-of-range (Overlay 16). **Action:** Re-enter input.
SCH0397	Input out-of-range (0-512) (dial delay option).
SCH0398	Unable to match input with stored mnemonics.
SCH0400	Wrong number of input fields for prompt SPRE.
SCH0401	Directory number already exists.
SCH0402	Directory number conflicts with existing number.
SCH0403	Wrong number of parameters.
SCH0404	Wrong number of parameters.

SCH0405	Wrong parameter type.
SCH0406	Ran route (or trunk) does not exist.
SCH0407	Wrong number of parameters.
SCH0408	Wrong number of parameters.
SCH0409	Parameter out-of-range (0-30).
SCH0410	Not equipped for RAN.
SCH0411	Unable to match input field with stored mnemonics.
SCH0412	Unable to match input with stored mnemonics.
SCH0413	Wrong number of input fields.
SCH0414	Input out-of-range (0-99).
SCH0416	Wrong number of input fields.
SCH0417	Illegal input number.
SCH0418	Illegal input number.
SCH0419	Wrong number of parameters.
SCH0420	Incorrect number of input fields.
SCH0421	Timer out-of-range.
SCH0422	Wrong number of parameters. **Action:** Input expects one parameter.
SCH0423	Unable to match input field with stored mnemonics.
SCH0424	Wrong number of parameters, or an entry is required.
SCH0425	Unable to match input field with stored mnemonics.
SCH0426	Wrong number of parameters.
SCH0427	Parameters out-of-range (0-7) or (0-15).
SCH0428	This port is not a CDR device. **Action:** LD 17 should be used to define the proper device.

SCH0429	Illegal number of digits.
SCH0430	Invalid directory number entered for ACD NCFW or IFDN. **Action:** Try another DN.
SCH0431	ICI appearance out-of-range (0-9 or 0-19).
SCH0432	Invalid ICI keyword.
SCH0433	CAT is out-of-range (0-99).
SCH0434	ID is out-of-range (0-9).
SCH0435	Not equipped for ANI.
SCH0436	Wrong number of parameters.
SCH0437	Unable to identify parameter to given prompt.
SCH0438	M3C allowed only if signaling is NT5.
SCH0439	ICOG not valid for this trunk type.
SCH0440	Wrong number of input fields for prompt LSNO.
SCH0441	List number out-of-range, or the number of speed call lists is out-of-range. Prior to Release 17 the range is 0-253. With Release 17 and later, the range is 0-8191.
SCH0442	List number already exists.
SCH0443	List does not exist.
SCH0444	Route number for ICI does not exist, or route contains no members.
SCH0445	The group member number is out-of-range. **Action:** Enter 0-5 for Option 11. Enter 0-19 for all other machines.
SCH0446	DN size is out-of-range (4-31).
SCH0447	Wrong number of input fields for prompt DNSZ.
SCH0448	New DN size is smaller than current size.
SCH0449	List cannot be service changed while active, try later.
SCH0450	Wrong number of input fields for prompt SIZE.

SCH0451	Speed call list size illegal (1-1000).
SCH0452	List size is too long for given DN size.
SCH0453	New list size is smaller than current size.
SCH0454	Customer list for group n does not exist.
SCH0455	Group is not defined.
SCH0456	Group already exists.
SCH0457	Wrong number of input fields for GRNO.
SCH0458	Group number out-of-range (0-63).
SCH0459	Group member does not exist.
SCH0460	Wrong number of fields in input.
SCH0461	Key number out-of-range (0-size).
SCH0462	Too many digits in input field (max 15).
SCH0463	Attempted to enter a RAN route that was not previously defined as AWR in the AUX_CUST_DATA_BLOCK.
SCH0464	RAN or Conference loop cannot be removed or changed while Wake Up calls are in progress.
SCH0465	Wrong number in input field for AWU.
SCH0466	Unable to match input with stored mnemonics (YES/NO, {CR}, X).
SCH0467	RANF and RAN1 must be defined for all cases. **Action:** RAN2 must be defined if R2BN is different from R2ED.
SCH0468	Attempted to remove a nonexistent AUX_CUST_BLK.
SCH0469	Second RAN hr/min value out-of-range.
SCH0470	Wrong number of fields for 2nd RAN (begin or end).
SCH0471	Station type conflicts with existing card.
SCH0472	Terminal already exists.

SCH0473	SL-1 telephones cannot be moved between loops.
SCH0474	Sets cannot be moved between loops.
SCH0475	Trunk units cannot be moved between loops.
SCH0476	Cannot move a unit from one loop to another.
SCH0477	Both values must be given.
SCH0478	Lower value must not exceed upper value.
SCH0479	Flash timer must be less than PBX_DISC_TO.
SCH0480	Timer value out-of-range (45-768).
SCH0481	Route number out-of-range (0-31).
SCH0482	Route data block already exists.
SCH0483	Code restriction block does not exist.
SCH0484	Code restriction block already exists.
SCH0485	No ROA is provided on this RICI key.
SCH0486	Wrong number of input fields for prompt PHDT.
SCH0487	Input field is out-of-range.
SCH0488	ROA package not equipped.
SCH0489	Second RAN time out-of-range (0-2044).
SCH0490	Wrong number of input fields for prompt TOCU.
SCH0492	Customer data block already exists.
SCH0493	Customer number out-of-range.
SCH0494	NFCR tree already exists.
SCH0495	Null not allowed for NFCR tree number except for PRT.
SCH0496	NFCR tree number is outside range (above MAXT).
SCH0497	NFCR cannot be active for RLS.

SCH0498 Entered digit too large for NFCR count field.

SCH0499 Another parameter expected for FRL/CRCS prompt.

SCH0500 Wrong number of input fields for prompt TOLS.

SCH0501 Speed Call list number out-of-range (0-254).

SCH0502 Speed Call list already exists.

SCH0503 Wrong number of input fields for TOGR.

SCH0504 Group Call list number out-of-range.

SCH0505 This group may already be defined as a SL-1 GRC key.

Action: Check SL-1 sets for this customer.

SCH0506 Maximum of 24 characters allowed for the EBLN name.

SCH0507 Invalid character entered. Only ASCII characters with hexadecimal values between H.20 and H.7E (inclusive) are supported in the string input. (For example, alphanumeric or punctuation characters.)

SCH0508 Invalid character entered. Only ASCII characters with hexadecimal values between H.20 and H.7F (inclusive) or between H.A0 and H.FF (inclusive) are supported.

SCH0509 Input format is incorrect. Only ASCII characters with hexadecimal values between H.20 and H.7F (inclusive) or between H.A0 and H.FF (inclusive) are supported.

Action: Enter 1 character or its hexadecimal value.

SCH0510 Wrong number of input fields (Overlay 15).

SCH0511 Increment out-of-range.

Action: Up to Release 15, enter 0-15 or 0-7 for SST. For Release 16 and later, enter 0-31, or 0-7 for SST.

SCH0512 Decrement out-of-range.

Action: Up to Release 15, enter 0-15. For Release 16 and later, enter 0-31.

SCH0513 Minimum waiting time out-of-range (0-127).

SCH0514 The loop does not exist in LD 73.

SCH0515 Wrong number of parameters.

SCH0516	Wrong type of parameters.
SCH0517	Parameters out-of-range (1-15).
SCH0518	Not equipped for RAN.
SCH0519	Response for RTYP must be AUD.
SCH0521	Unable to match input field with stored mnemonics. **Action:** The RCAP prompt in overlay 16 has been answered NDS when QSUr QSIG GF are not accessible or with an inappropriate interface configured (e.g. SL 1). Reconfigure accordingly.
SCH0522	Input for DNRO/DNRI out-of-range (0-4). **Action:** Re-enter in the range (0-4).
SCH0523	Wrong number of input fields or digits for PWD number.
SCH0524	Warning: The active password will be changed.
SCH0525	Illegally entered password. **Action:** Make sure you enter uppercase letters. When using lower case letters, use at least 4 numbers in the password.
SCH0526	Password does not match stored password.
SCH0527	Program number does not exist.
SCH0528	Attempt to remove an unlisted program or add a listed program.
SCH0529	Attempt to remove an unlisted customer or add a listed customer.
SCH0530	Password does not have access to this customer data.
SCH0531	Unable to match input with stored mnemonics. **Action:** The RCAP prompt in overlay 16 has been answered NDS when QSUr QSIG GF are not accessible or with an inappropriate interface configured (e.g.SL1). Reconfigure accordingly.
SCH0535	Attempted to remove non-existing loop or add existing loop.
SCH0536	Loop must be disabled before removing, or assigning it as an Conference or DTI/ PRI loop.
SCH0537	Memory modules 0 to 1 are required.

SCH0538	Illegal memory configuration due to split option.
SCH0539	Module number already defined as spare.
SCH0540	Spare already defined for this CPU.
SCH0541	Attempt to add memory already in system.
SCH0542	Attempt to remove memory not in system.
SCH0543	Illegal module number for spare.
SCH0544	Module does not exist on this CPU bus.
SCH0545	Unable to match input with stored mnemonics.
SCH0546	Improper response for prompt MTYP.
SCH0547	Unable to match input with stored mnemonics.
SCH0548	Messages already suppressed.
SCH0549	Messages already allowed.
SCH0550	Input out-of-range (50-100).
SCH0551	Program number out-of-range (30-45).
SCH0552	Attempt to remove multi-group extender.
SCH0553	System ID number 0-999 out-of-range.
SCH0555	Time and date package must be equipped.
SCH0556	MMCS and IVR packages must be equipped.
SCH0557	VPA class of service allowed on for 2616 set.
SCH0560	Wrong number of input fields.
SCH0561	Unable to match input with stored mnemonics.
SCH0562	Duplicate defined loop.
SCH0563	Loop must be disabled before removing.
SCH0564	Attempt to remove a loop with data still on it.

SCH0565	Group number is out-of-range: 0-4, 15.
SCH0566	Incorrect number of input fields.
SCH0567	Unable to match input to stored mnemonics.
SCH0568	Illegal extender arrangements.
SCH0569	Remove/addition of loop during same Overlay pass not allowed.
SCH0570	Incorrect number of input fields (3).
SCH0571	First field was not one of (NEW, OUT, CHG).
SCH0572	Second field was not one of (PRT, TTY, TAP) for machines other than SL-1 MS.
SCH0573	Device number out-of-range.
SCH0574	Device specified does not exist.
SCH0575	Device must be disabled before removing or changing. This is applicable on all phases.
SCH0576	Device already exists.
SCH0577	Device specified is not a printer.
SCH0578	Device does not exist.
SCH0579	Unable to match input with stored mnemonics. Mnemonic is invalid.
SCH0580	Mnemonic CDL is not acceptable if other users are specified.
SCH0581	Device must be enabled to permit CDL change.
SCH0582	Input out-of-range.
SCH0583	Cannot remove this ACD terminal. One of the following is true for this TTY: It has been defined as an ACD printer for ACD C reports for a customer, or it has been defined as an input/output device for ACD queue status displays. Changes are not allowed until a TTY is no longer defined as either of the above.
SCH0584	Mnemonic ACD is not acceptable if other users are specified.
SCH0585	Cannot assign own terminal to ACD.

SCH0586	Customer does not exist.
SCH0587	Input is not YES or NO for the CCB and CCBA prompt in the RDB.
SCH0588	ACD terminal cannot be both a senior supervisor and printer.
SCH0589	Customer has more than one senior supervisor/load manager.
SCH0590	Package not equipped.
SCH0591	Loop number increment out-of-range (0-159).
SCH0592	Directory number increment out-of-range (4 digits).
SCH0593	Member number increment out-of-range (0-126).
SCH0594	Unable to recover old TN block.
SCH0595	Unable to remove TN block.
SCH0596	PMS user type coexists with BGD only.
SCH0597	No new messages were added to history file since last printing.
SCH0598	History File is empty.
SCH0599	Invalid user. Cannot access History File.
SCH0600	Illegal input character.
SCH0601	Warning: The system may Initialize, and data corruption may occur. Out of unprotected data store.
SCH0602	Out of Protected Data (PDATA) storage. **Action:** Increase memory before doing any service change. (A sysload can reduce memory fragmentation and increase usable protected memory.)
SCH0603	Warning: Unprotected data store below safety limit. **Action:** Increase memory before making any service change.
SCH0604	Warning: Protected data store below safety limit. **Action:** Increase memory before making any service change.
SCH0605	Not enough protected data store to allocate History File. Followed by requested size and actual size allocated.

SCH0606 LND option package restricted.

SCH0607 Remove DTI clock controller loop first.

SCH0608 7VOD and 7DTA responses are only allowed for Euro interfaces with ETS 300 and 403 implementation.

Action: Configure a Euro route with ETS 300 403 implementation.

SCH0609 The response NI22N is not allowed is the MMCS or Master Mode or NI-2 packages are not equipped. IFC is reprompted.

Action: Equip packages 309, 317 or 291 and reload.

SCH0610 Multi-customer option package restrict.

SCH0611 Option package not equipped.

Action: Enable System Speed Call package.

SCH0612 AIOD package restricted.

SCH0613 {CR} is an invalid input for this prompt.

SCH0614 Use OUT to remove all users.

SCH0615 DES input out-of-range (6-digit alphanumeric).

SCH0616 DES input contains an invalid character.

SCH0617 DES must be entered if LD 10 or LD 11 is new.

SCH0618 No system date exists.

SCH0620 Input number out-of-range. (Overlay 15)

Action: Re-enter input.

SCH0621 Service change not allowed from maintenance set.

SCH0622 Wrong number of parameters given.

SCH0623 Not enough internal workspace to process this request.

SCH0624 Not equipped for MUSIC.

SCH0625 Route specified is not a MUSIC route.

SCH0626 Key assignment conflicts with CLS (LND or SND).

SCH0630	Wrong number of parameters.
SCH0631	Invalid command.
SCH0632	System conversion error message. **Action:** Contact your technical support group.
SCH0633	System conversion error message. **Action:** Contact your technical support group.
SCH0634	System conversion error message. **Action:** Contact your technical support group.
SCH0635	System conversion error message. **Action:** Contact your technical support group.
SCH0636	System conversion error message. **Action:** Contact your technical support group.
SCH0637	System conversion error message. **Action:** Contact your technical support group.
SCH0640	Incorrect number of parameters.
SCH0641	Loop number out-of-range (0-159).
SCH0642	Loop not defined in the configuration.
SCH0643	Loop shelf not defined in the configuration.
SCH0644	Attempt to exchange local and remote shelves.
SCH0645	Incorrect number of parameters.
SCH0647	Shelf number out-of-range (0-3).
SCH0648	Card number out-of-range (1-10).
SCH0649	Attempt to move card more than once.
SCH0650	Mnemonic TO not entered.
SCH0651	Message Waiting package not equipped.

SCH0652	MCD key must be assigned to key 0.
SCH0653	Key 0 must be defined as MCD to assign MIK/MCK.
SCH0654	MIK/MCK cannot be assigned to key 0.
SCH0655	MWK cannot be key 0.
SCH0656	MWK cannot be assigned because telephone has MCD key.
SCH0657	Message center option must be enabled in LD 15.
SCH0658	Invalid DN type for MC DN.
SCH0659	MWK key already defined for this station.
SCH0660	Group DND package restriction.
SCH0661	Incorrect number of parameters.
SCH0662	Unable to match input with stored mnemonics.
SCH0663	Group number out-of-range (0-99).
SCH0664	Group does not exist.
SCH0665	Group already exists.
SCH0666	The loop entered is not a DTI/PRI loop (LD 73).
SCH0667	ICS data associated with the loop is removed (LD 17).
SCH0668	Group already has maximum number of items (127).
SCH0669	Group contains secondary group.
SCH0670	DN does not exist.
SCH0671	DN is not a station.
SCH0672	Sub-group does not exist.
SCH0673	DN or sub-group to be removed is not found.
SCH0674	Group cannot contain itself as a member.
SCH0675	Group cannot contain itself as a member.

SCH0676	Group cannot be it's own subgroup.
SCH0677	FWA package #338 is not equipped.
SCH0679	Missing DPI L/W from disk.
SCH0680	Invalid terminal type for a DMSX superloop.
SCH0681	Invalid response to REQ prompt.
SCH0682	No customer has route selection for ANI yet.
SCH0683	Protected memory is running low.
SCH0684	The response to a TYPE prompt must be RSA.
SCH0685	CUST may be null only when request is PRT.
SCH0686	Response to CUST out-of-range 0-31.
SCH0687	NEW request made for a customer who already has RS-ANI.
SCH0688	Specified customer does not have RS-ANI.
SCH0689	RS-ANI access code (RSAC) may not begin with digit 0.
SCH0690	Given RSAC conflicts with another existing access code.
SCH0691	RSAC response null during a NEW request.
SCH0692	Invalid null response to 0-RT, 0+RT, 1RT, or CORT prompt.
SCH0693	No such trunk route access code exists.
SCH0694	Special purpose trunks cannot be used for RS-ANI.
SCH0695	Too many digits in access code.
SCH0696	Access code must specify a local (CO) trunk group.
SCH0697	Unable to get protected memory. DN tree may become bad.
SCH0698	Illegal attempt to modify existing data.
SCH0699	RS-ANI package not present.
SCH0700	ACD can only be for key 0.

SCH0701	Input must be one of (NEW, OUT, CHG, PRT, END).
SCH0702	Wrong number of input fields for prompt.
SCH0703	Null input not permitted.
SCH0704	Input should be ACD/SCB.
SCH0705	Unable to find an ACD block.
SCH0706	Shorter Directory Number already exists.
SCH0707	DN conflicts with existing number.
SCH0708	DN conflicts with existing longer number.
SCH0709	ACD DN must exist for NEW, CHG, OUT, PRT commands.
SCH0710	ACD list is full.
SCH0711	ACD DN must not exist for NEW command.
SCH0712	ACD LIST does not exist. Data corrupted. **Action:** Perform SYSLOAD.
SCH0713	ACD block must exist. Data corrupted. **Action:** Perform SYSLOAD.
SCH0714	ACD DN and ACD block already exist for this customer.
SCH0715	Unable to locate ACD data for this customer. Data corrupted. **Action:** Perform SYSLOAD.
SCH0716	ACD DN conflict.
SCH0717	ACD DN does not exist.
SCH0718	ACD-ID (DN) already exists.
SCH0719	ACD positions are full. Cannot add more.
SCH0720	Logical unit is not of required type.
SCH0721	SCB must exist for CHG, OUT, or PRT command.
SCH0722	SCB must not exist for NEW command.

SCH0723	Maximum ACD positions out-of-range (1-240).
SCH0724	Route input out-of-range (0-30).
SCH0725	Cannot remove ACD data when ACD positions are active.
SCH0726	First/Second RAN time input out-of-range (0-2044).
SCH0727	ACD-NITE-CFWD Interflow DN exceeds 16 digits.
SCH0728	ACD positions list cannot be decreased in size without removing agents.
SCH0729	ACD list is full.
SCH0730	DN conflicts with existing number.
SCH0731	Null input not permitted.
SCH0732	Wrong number of input parameters.
SCH0733	Unable to match input field with stored mnemonics.
SCH0734	Route number out-of-range (0-30).
SCH0735	Hold Recall timer value out-of-range (0-512).
SCH0736	Cannot remove CAS while CAS keys are present.
SCH0737	CAS does not exist for this customer.
SCH0738	No further CAS keys allowed for this customer.
SCH0739	CAS key data corrupted. Perform SYSLOAD.
SCH0740	Incorrect option for chosen route type.
SCH0741	RLR, RLM trunk types must be digitone.
SCH0742	Agent ID out-of-range.
SCH0743	Extended ACD package not equipped.
SCH0744	Invalid date.
SCH0745	Telephone must be declared as ACD supervisor.
SCH0746	Insufficient parameters given.

SCH0747	Agent DN does not exist.
SCH0748	Cannot supervise a telephone declared as a supervisor.
SCH0749	Key data for ACD key cannot be found for DN specified.
SCH0750	Agent already has a supervisor.
SCH0751	ACD package is not equipped.
SCH0752	Key zero cannot be used for this function.
SCH0753	TN specified must be an ACD set.
SCH0754	ACD DN must be given.
SCH0755	ACD DN given is not defined.
SCH0756	Queue for the ACD DN given is full.
SCH0757	Logical Unit not assigned as an ACD device.
SCH0758	ACD data for specified ACD DN cannot be found.
SCH0759	Digit display package must be equipped.
SCH0760	Display Class of Service must be specified.
SCH0761	Key function not valid on ACD supervisor position.
SCH0762	Associated DWC key must be previously defined.
SCH0763	Another supervisor position has ENI key for specified ACD-DN.
SCH0764	Threshold value is out-of-range (0-2047).
SCH0765	Valid response to this prompt is YES or NO.
SCH0766	Specified route number already exists and is not of the appropriate type.
SCH0767	Supervisor’s AGT key must be removed before removing agent.
SCH0768	No ACD devices assigned.
SCH0769	Specified ACD device already assigned (to another customer).
SCH0770	TGAR value is out-of-range (0-15).

SCH0771	COS value is invalid.
SCH0772	Wrong number of parameters given.
SCH0773	Error in the DISA LIST connections.
SCH0774	Incorrect value for TYPE (DIS, AUB, AUT allowed).
SCH0775	DISA package not equipped.
SCH0776	Authcode package not equipped.
SCH0777	Password given is not correct.
SCH0778	DN does not exist.
SCH0779	DN already exists.
SCH0780	DN conflicts with an existing DN.
SCH0781	DN is required. Response must be given.
SCH0782	DN exists but is not a DISA DN.
SCH0783	The security code is out-of-range (0-8 digits).
SCH0784	The auth data block already exists for this customer.
SCH0785	The auth data block for this customer is not yet defined.
SCH0786	Authcode length must be specified.
SCH0787	Authcode length is out-of-range (0-14).
SCH0788	Maximum Authcodes must be specified.
SCH0789	Maximum Authcodes is out-of-range (0-4096).
SCH0790	Unable to match input with stored mnemonics.
SCH0791	out-of-range (0-15).
SCH0792	Auth data block cannot be removed if the table is not empty.
SCH0793	No DISA DNs are defined for this customer.
SCH0794	Authcode already exists.

SCH0795	Auth table is full.
SCH0796	Length of Authcode must match specified length.
SCH0797	Authcode does not exist.
SCH0798	Authcodes entered do not match those defined in Code and Customer blocks. Not enough digits in Authcode.
SCH0799	MAX cannot be reduced below number of existing codes.
SCH0801	TYPE is invalid.
SCH0802	Specified loop has no valid TN.
SCH0803	Specified loop-shelf has no valid TN.
SCH0804	Specified loop-shelf-card has no valid TN.
SCH0805	Specified TN is invalid.
SCH0806	CLI in CLS requires Analog CLI package to be equipped. **Action:** Equip the Analog CLI package #349.
SCH0807	TN is valid but unable to match type.
SCH0808	TYPE is invalid.
SCH0809	Too many parameters for LUC.
SCH0810	Incompatible wireless card density. **Action:** Service change is not allowed. If MWUN needs to be changed, remove all units on the line card and reconfigure. If new units are being configured, all units must have the same value of MWUN as the existing units. MWUN can be changed from 16 to 32, to cause all units to change. MWUN can be changed from 32 to 16 only if no units have a unit number < 15. If any units exist with >15, a SCH0810 message will be generated for the changed unit.
SCH0811	System has no unused cards.
SCH0812	Specified loop has no unused cards.
SCH0813	Specified loop-shelf has no unused cards.
SCH0814	Specified loop-shelf-card is not unused.

SCH0815 Specified loop-shelf-card-unit is not unused.

SCH0816 Invalid month in response to prompt.

SCH0817 Invalid day (from) or (to).

SCH0818 Invalid date for History File. Must be mmdd, LAST or ALL.

SCH0819 CTI/CTO response to RCAP is not allowed for interfaces that are different from ESGF/ISGF.

Action: Configure an ETSI or ISO QSIG GF interface.

SCH0820 An attempt is made to configure RCAP to CTI (resp. CTO) when CTO (resp. CTI) is already configured.

Action: Remove the RCAP CTO first (or RCAP CTI res

SCH0821 System has no unused units.

SCH0822 Specified loop has no unused units.

SCH0823 Specified loop-shelf has no unused units.

SCH0824 Specified loop-shelf-card has no unused units.

SCH0825 Specified TN is not unused.

SCH0826 History File buffer not defined.

SCH0827 TN (or part) is valid but no unused units of the requested type were found.

SCH0828 History File must be output before erasing file.

SCH0829 Invalid date range for History File.

SCH0830 Data entry invalid dd (day 1-31) mm (month 1st 3 letters of month) yy (year xxxx).

SCH0831 No system date exists.

SCH0832 Incorrect response to PAGE (YES/NO).

SCH0833 DES must be 1-6 alphanumeric characters.

SCH0834 All associated service routes must be deleted before the NI-2 CBC master route can be removed.

SCH0835 The trunk route type and the service type, mismatch.

Action: Input the correct decimal value of the service.

SCH0836 The NI-2 package is not equipped.

Action: Install the NI-2 package.

SCH0837 The service has been configured in this NI-2 CBC master route.

Action: Use other service type.

SCH0838 The Backup D-channel is not supported for VNS.

Action: Invalid DCH number entered for PDCH.

SCH0839 A 3 digit or 4 digit input is expected.

Action: Use the correct input.

SCH0840 NI-2 CBC IntraLATA OUTWATS are already defined.

SCH0841 NI-2 CBC InterLATA OUTWATS are already defined.

SCH0842 Interface type not supported. ISA does not support NI-2.

SCH0853 CAC Conversion Entry is not defined in the ANI Block of the Customer Data Block. The CAC Conversion Entry is stored in the database.

Action: Define a CAC Conversion Entry in the customer data block.

SCH0854 The entry is not configured. The CAC entry cannot be deleted.

SCH0855 Access code does not exist or is invalid.

SCH0856 Null line not allowed for customer.

SCH0857 Customer has no data blocks of correct type.

SCH0858 Route number does not exist.

SCH0859 Route number out-of-range.

SCH0860 No restricted (or allowed) codes found. Block is clear.

SCH0861 No route data block or members for the specified route number.

SCH0862 No code restriction block for the specified route number or access code.

SCH0871 The Mobility package is not present.

Action: Contact your technical support group.

SCH0872 A Phantom loop is not available.

Action: Configure a Phantom loop from Overlay 97.

SCH0873 The CAC Conversation table entry already exists.

SCH0874 When creating a new customer, only default tables (number 0) are configurable for prompt R_ENTRY, MFC_ENT and CIS_ENT.

Action: Answer 0 or {CR} to the prompt.

SCH0875 There are still EIMC/MXC card(s) associated with this MISP.

Action: In order to remove the MISP/MOBILITY application, remove all EIMC/MXC cards from the MISP using Mobility MAT platform.

SCH0877 Invalid DN. Zeros not allowed.

SCH0878 Invalid DN. Null line not allowed.

SCH0879 No TN hunt to specified DN.

SCH0880 Valid DN found but of wrong type.

SCH0881 No valid DN can be found starting with specified digits.

SCH0882 Invalid DN. Zeroes not allowed.

SCH0883 Invalid DN type in DN block.

SCH0884 Loop entered is not a DTI/PRI loop. 9LD 73).

SCH0885 ICS data associated with the loop is removed (LD 17) and the default value of FF (UNASSIGNED PCM CODE) is sent to the remote end.

SCH0886 Shorter DN number exists.

SCH0888 No customer data block can be found.

SCH0889 No route blocks can be found for this customer.

SCH0890 ACD DN conflict. Data blocks not correctly set up for this ACD DN.

SCH0891 Low speed link already assigned.

SCH0892 High speed link already assigned.

SCH0893 Low speed link device must be disabled before changes.

SCH0894	High speed link device must be disabled before changes.
SCH0895	No other user is allowed for an existing low speed link.
SCH0896	No other user is allowed for an existing high speed link.
SCH0897	AUX processor package not equipped.
SCH0898	NOO cannot be used with CDL, CAM, ACD, HSL, or LSL.
SCH0899	NOO must be used with one or more of MTC, TRF, SCH, CTY, or BUG.
SCH0900	Group number exceeds customer maximum group number.
SCH0901	SL-1 ring option conflicts with group option.
SCH0902	DIG group number conflicts with existing DIG group number.
SCH0903	DIG list block does not exist.
SCH0904	Null input for DIG group number.
SCH0905	DIG group out-of-range (0-253).
SCH0906	DIG member number conflicts with existing DIG member number.
SCH0907	Undefined DIG member number.
SCH0908	Null input for DIG member number.
SCH0909	DIG member number out-of-range (0-99).
SCH0910	Null input for DIG ring option.
SCH0911	DIG ring/voice (R/V) option out-of-range. Must be specified.
SCH0912	Bad TN assigned as DIG member number.
SCH0913	Total DIG group number cannot be reduced as members are assigned to groups to be removed.
SCH0914	Conflict between DIG member number and special prefix DN.
SCH0915	CDR port number conflicts with existing CDR port number.
SCH0916	Illegal use of CHG. **Action:** Disable port in LD 35 and use OUT to remove all users.

SCH0918 Maximum number of ACD-ADS customers per system is exceeded.

SCH0919 Maximum number of ACD-ADS agents per system is exceeded.

SCH0920 Translation list number not in LD 15.

SCH0921 Attempt to configure RCAP with a QSIG Name display remote capability when one is already configured.

Action: Remote the existing RCAP before entering a new one.

SCH0922 Attempt to configure RCAP with a QSIG Call Completion to Busy Subscriber remote capability when one is already configured

Action: Remote the existing RCAP before entering a new one.

SCH0923 Attempt to configure RCAP with a QSIG Call Completion on No Response remote capability when one is already configured.

Action: Remote the existing RCAP before entering a new one.

SCH0924 Agent ID lower or upper bound conflicts with existing data.

SCH0925 New request is invalid for ADS prompt if the customer has been assigned as an ACD package D customer.

SCH0926 CHG/OUT request is invalid for ADS prompt if the customer is not an ACD package D customer.

SCH0927 The numbered key is less than the total number of agents logged in at this instant.

SCH0928 NULL input for LOG prompt is invalid under the NEW request for ADS prompt.

SCH0929 Points to the agent ID table is NIL.

Action: Try again.

SCH0930 More than one parameter given for ARSQ.

SCH0931 ARSQ must be null or in the range 0-3.

SCH0932 ARSR must be YES or NO, or null.

SCH0933 More than one parameter given for ARSR.

SCH0934 More than one parameter given for SPRI.

SCH0935 SPRI must be null or in the range 0-3.

SCH0936	More than one parameter given for MPRI.
SCH0937	MPRI must be null or in the range SPRI to 3.
SCH0938	MPRI cannot be null because SPRI is greater than current value of MPRI.
SCH0939	More than one parameter given for PROM.
SCH0940	PROM must be null or in the range 1-999.
SCH0941	PROM was given as null but must now be changed because currently PROM is undefined and SPRI is less than MPRI.
SCH0942	More than one parameter given for ERWT.
SCH0943	ERWT must be NO, null, or in the range 0-999.
SCH0945	Invalid Template type. Should be SL-1 or 500.
SCH0946	Invalid unit type.
SCH0947	Illegal INFO response. Should be FRM, DEF, USE, or USS.
SCH0948	TEMPLATE Number is out-of-range.
SCH0949	MMT sets cannot modify CLS EXR0-4 if CLS DRDA is configured. **Action:** Change CLS DRDA to CLS DRDD and then modify CLS EXR0-4.
SCH0950	Prime DN must be a single appearance DN.
SCH0951	COS cannot be AAA if AAK key is already assigned.
SCH0952	AAK key cannot be assigned if COS is AAA.
SCH0953	Current DN appears elsewhere and thus may interfere with AAB operation.
SCH0954	AAB package not equipped.
SCH0955	Cannot remove customer data block before removing associated route data blocks.
SCH0956	Command is OUT CDB, but units are not all removed.
SCH0960	Number of Park DN out-of-range.
SCH0961	Active park DN cannot be deleted.

Action: Try again later.

SCH0963 Service change for EIMC/MXC card(s) is not allowed from overlay 27.

Action: Use the Mobility Mat platform.

SCH0964 A problem has occurred when configuring EIMC/MXC from Mobility MAT platform.

Action: Contact your technical support group.

SCH0965 Only one MISP can have the Mobility application defined.

SCH0966 The MISP card is not in the Manual Disabled state.

Action: Use Overlay 32 to disable the MISP card.

SCH0970 ICI key/lamp not assigned in customer data for this station category.

SCH0971 MR terminal assignment out-of-range (0-7).

SCH0972 SL-1 station must have CLS = MWA before assigning MR key.

SCH0979 DN entered for ROA is not a station DN.

SCH0980 Wrong number of input parameters.

SCH0981 Threshold out-of-range.

SCH0982 Threshold must be greater or equal to the previous threshold.

SCH0983 TN not existing in CDB.

SCH0984 Route number is not a RAN/MUS route.

SCH0985 Timing threshold not entered.

SCH0986 Timing out-of-range (15-500).

SCH0987 DN assigned out-of-range; maximum 10 for ROA.

SCH0988 Out-of-range (4-12).

SCH0989 No Speed Call Lists in existence.

SCH0990 Dialing group number out-of-range (0-7).

SCH0991 Warning: No DN translator set up for customer.

SCH0992	Warning: No attendant DN block setup.
SCH0993	No value assigned to attendant access code.
SCH0994	Speed Call List number out-of-range.
SCH0995	Speed Call List not available to be used as translation list. **Action:** Use LD 18. Speed Calls in 18 must DNSZ4 and SIZE10.
SCH0996	An attempt has been made to remove, change or reassign an attendant supervisory console while in-service observation mode.
SCH0997	Prime TN of attendant console must be on line (unit) zero of card.
SCH0998	May not allocate console on any cards which have any valid stations. **Action:** All TNs on the card must be unused.
SCH0999	May not allocate SL-1 sets on any card having an attendant console.
SCH1000	Secondary TN must be the second unit which is contiguous to the prime TN (which is on the first line). **Action:** Enter the prime and secondary TN again.
SCH1001	TNTRANS failed on remove from core. Corrupted data in memory. **Action:** System should be reloaded. If the fault persists, contact your technical support group.
SCH1003	CNUA/CNAA Class of Service needs to be defined before GZPA is defined. This SCH is for Overlay 10.
SCH1009	XMWK and RMWK keys are supported only on MMT sets. **Action:** Configure on MMT sets.
SCH1030	Port name specified could not be found. PTTP reprompted.
SCH1031	Route member port type will not be recorded. Memory allocation failed.
SCH1032	Route member port type assignment performed without previous stored default port type status information.
SCH1033	Invalid number of responses to the LSPN prompt. Only one is allowed.
SCH1034	Specified loss plan is not available.

SCH1035	Response required for RESTORE prompt.
SCH1036	Response to RESTORE prompt must be either YES or NO.
SCH1037	Wrong number of response parameters to the HEAD prompt.
SCH1038	Response to HEAD prompt was not YES, NO or {CR}.
SCH1039	A unit being modified has been previously assigned the port type that was not the default for the configuration, and will not be assigned the default port type for the new configuration.
SCH1098	The VID7 supplementary service needs voice and data configuration. **Action:** Configure the supported call type for voice and data.
SCH1100	Response to EMG must be one of CON, MEM, or NO.
SCH1101	Input does not match stored mnemonics.
SCH1102	Group number is out-of-range (0-9).
SCH1103	Invalid response to prompt GRP.
SCH1104	Controller already exists for this group.
SCH1105	Group is full (10 members, 1 controller).
SCH1106	CFNA and BFSE recall cannot be allowed at the same time.
SCH1107	CTL for this customer exists already.
SCH1108	Trace data does not exist for this customer.
SCH1109	Invalid request for call trace data.
SCH1110	A DN must be entered for prompt NITE. A night DN cannot be removed, but can be changed.
SCH1111	A valid response = YES, NO, or {CR}.
SCH1112	TN block already exists and is not another bell.
SCH1113	Not a valid Trace DN.
SCH1114	DN is already in list.
SCH1115	DN is not in list.

SCH1136 The given prefix table already exists.

Action: The number entered for the prefix table must be changed.

SCH1137 Cannot remove non-existing table.

Action: The number entered for the prefix table must be changed.

SCH1138 Invalid entry for NPI.

Action: Give any one of the following valid NPI values UNKN, E164, PRIV< E163, TELX, X121, NATL.

SCH1139 Invalid entry for TON.

Action: Give any one of the following valid TON values UNKN, INTL, NATL, ESPN, LOCL, ELOC, ECDP.

SCH1140 Invalid entry for PREF.

Action: Maximum of four digit Access Prefix value can have allowed digit entry as either numerals 0-9 or character "#".

SCH1141 The table number specified is not configured or is out-of-range.

Action: The table number must be configured with the value range 0-16.

SCH1191 The RCAP MQC is only allowed if the MEET package is equipped.

SCH1192 The RCAP MQC is only allowed for QSIG GF interface type.

SCH1193 This entry is not allowed for MQC_FEAT prompt as the corresponding package is restricted.

SCH1194 Alternate day out-of-range.

Action: Enter in the range 1-7.

SCH1195 The response to DAY0-3 or HOL_OPT prompt cannot be deleted as it is not included.

Action: Enter an existing alternate day for DAY0-3 or AHOL for HOL_OPT.

SCH1196 Holidays cannot be changed or deleted (CRHOL_CHG/OUT) while creating a new CDB.

Action: Add holidays with CRHOL = NEW.

SCH1197 Holiday list is full (20 entries). Cannot add anymore holidays.

SCH1198 Holiday day list is empty. No holiday to delete.

SCH1199 Invalid date.

Action: Enter in the format dd mm [yyyy]

SCH1200 The holiday entered should exist when trying to change or delete a holiday. When adding a new holiday, it should be already present in the list.

Action: For an existing holiday, CRHOL=CHG/OUT. For a new holiday CRHOL=NEW.

SCH1205 XMWK key cannot be associated with PDNs.

Action: Configure XMWK key for a non-PDN.

SCH1206 DN to be associated with XMWK is not configured on this set.

Action: Configure the DN as a non-PDN.

SCH1207 XMWK key is already configured for this DN.

Action: Do not try to configure more than one XMWK key for the same DN on a set.

SCH1208 XMWK key cannot be on key 0.

Action: Configure the XMWK key on a non-zero key.

SCH1209 RMWK key cannot be on key 0.

Action: Configure the RMWK key on a non-zero key.

SCH1210 Only 0, 1 and 2 are accepted as inputs for the M3900 KBA prompt.

SCH1211 Invalid DN type for Mailbox DN.

Action: Configure a valid DN.

SCH1212 On the M3901 and M3902, if SCR, PVN PVR, MCN, or MCR is configured, it must be configured only on key 0. These mnemonics will be blocked from being assigned to keys 1 through 5.

SCH1213 DN cannot be deleted until the associated XMWK key is deleted.

Action: Delete the XMWK key first.

SCH1214 VMBA package #246 is not equipped.

Action: Enable the VMBA package.

SCH1215 GZPA Class of service needs to be defined before GPTA or GZBA is defined. This SCH is for Overlay 11.

SCH1216 ANI Entry is not defined in the ANI Block of the Customer Data Block. The ANI Entry is stored in the database.

Action: Define an ANI Entry in the Customer Data Block.

SCH1217 Cannot decrease ANI Table size. Entries to be removed are not empty.

Action: Remove the unneeded ANI entries first. Then decrease the ANI table entry size.

SCH1218 An ANI Entry or Entries are not deleted since the entry or entries are not configured.

SCH1219 Zone number has to be between 1 and 9. This SCH is for Overlay 18.

SCH1220 The ANI entry already exists.

Action: If the user does not want to modify an existing entry, enter {CR} for the next four subprompts.

SCH1221 This prefix table already exists.

Action: The number entered for the prefix table must be changed.

SCH1222 Cannot remove a non-existing table.

Action: The number entered for the prefix table must be changed.

SCH1223 Invalid entry for NPI.

Action: Give any one of the following valid NPI values, UNKN, E164, PRIV, TGELX, X121, NATL.

SCH1224 Invalid entry for TON.

Action: Give any one of the following TON values, UNKN, INTL, NATL, ESPN, LOCL, ELOC, ECDP.

SCH1225 Invalid entry for PREF.

Action: Maximum of four digit Access Prefix value can have allowed digit entry as either numerals 0-9 or character '#'.

SCH1226 Table number specified is not configured or is out-of-range.

Action: Table number must be configured with a value range 0-16.

SCH1227 ISDN package is not equipped.

Action: Feature DAPC is part of the ISDN package #145.

SCH1228 Prefix table zero cannot be removed.

Action: Valid input value for prefix table removal is 1-15.

SCH1229 No reviving zone page allowed on a TN associated with this DN. The TN has to define as BCS or Analog set with speaker. This SCH is for Overlay 18.

SCH1230 Taiwan R1 trunk has to be incoming only, or outgoing only. Response IAO is not allowed for ICOG. Valid responses are ICT or OGT.

SCH1231 The zone page package is not equipped.

SCH1238 The class of service cannot be changed from BSFA to BSFD when an existing BFS key has the same TN configuration as the configuring set.

Action: Make the corresponding key null and then change the class of service.

SCH1239 The class of service is BSFD. The TN of the BFS key and the TN of the configuring set, must not be the same.

Action: Before you configure a BFS key against a TN that is the same as the configuring set, change the class of service to BSFA.

SCH1240 Invalid response to YES/NO question.

SCH1241 Invalid response to YES/NO question).

SCH1242 Invalid entry.Out-of-range (0-15).

SCH1243 Entry out-of-range (maximum 4 fields).

SCH1244 Entry out-of-range (minimum 4 fields).

SCH1245 Only one cadence.

SCH1246 Out-of-range (0-31).

SCH1247 Out-of-range (0-511).

SCH1248 Out-of-range (0-127).

SCH1249 Value equal 0.

SCH1250 Cadence value of 0 is invalid.

SCH1251 First Cadence Element Max Exceeded (31).

SCH1252 Second Cadence Element Max Exceeded (511).

SCH1253 Third Cadence Element Max Exceeded (127).

SCH1254 Fourth Cadence Element Max Exceeded (511).

SCH1255 2 or 4 Cadence Elements required.

SCH1256 Tones and Cadence already exist.

SCH1257 Tones and Cadences do not exist.

SCH1258 TRB password does not match CDB PSWD or LEVEL2 PSWD.

SCH1259 First digit must be 0, and second must be less than or equal to 3 for TDS card message compatibility.

SCH1260 Input is out-of-range (0-255).

SCH1261 The IFC type must be 7SGF when the USR is SS7.

SCH1262 For IFC type 7SGF, the USR must be set to SS7.

Action: Cancel this D-channel definition and re-enter the D-channel data with USR SS7.

SCH1263 The RATE must be defined as E1. T1 interfaces are not supported on MMCS Phase 6.

Action: Press the Enter key {CR} to accept the correct RATE option.

SCH1264 To add or remove loops from the D-channel list without disabling the D-channel, the IFC type must be 7SGF.

Action: The required configuration change is possible using overlay 17 with the D-channel disabled.

SCH1265 The loop can be removed only when none of its channels are configured for B-channel signaling.

Action: User overlay 14 to remove the B-channels associated with this loop.

SCH1266 This loop number is not defined in the D-channel list. The request to remove the loop is ignored.

Action: Enter the correct loop number to be removed from the D-channel list.

SCH1267 This loop is already defined in the D-channel list. The request to add the loop is ignored.

Action: Enter the correct loop number to be added to the D-channel list.

SCH1268 The loop entered must be of type PRI2 for RATE E1.

Action: Re-check the loop definition in the common equipment section of the configuration record under PRI or PRI2.

SCH1269 The specified interface number is already used.

Action: Enter the correct interface number for this loop.

SCH1270 The loop type must be PRI or PRI2.

Action: Check the loop type by printing the common equipment configuration (CEQU) from overlay 22.

SCH1271 The specified loop is in the loop list for another D-channel.

Action: Check the other D-channels for this loop.

SCH1272 The specified loop is not configured.

Action: Configure the loop in the common equipment configuration using overlay 17.

SCH1273 The primary D-channel must be specified.

Action: Enter the primary D-channel number.

SCH1274 Only the commands: NEW, OUT, PRT, are accepted with TYPE SS7.

Action: Re-enter the command.

SCH1275 The interface ID for IFC type SL1 with PRI2 loops must be less than 12.

Action: Choose an interface ID in the range 0-11.

SCH1276 The D-channel used by this B-channel must be the same as other members of the route.

Action: Re-enter the command.

SCH1277 Another FDID IDC tree already exists for this customer. Only one FDID tree allowed per customer.

Action: Out this tree or configure new tree or modify existing FDID IDC tree.

SCH1278 Tree table 0 is not allowed for FDID IDC tree.

Action: Use a different number for FDID table.

SCH1279 All branches must be released prior to OUT A FDID IDC tree.

Action: Release the branches.

SCH1280 The loop requested to be removed from the D-channel list, is the primary or backup loop (interface 0 or 1). This is not permitted with D-channel user mode USR PRI.

Action: This operation can be completed using Overlay 27.

SCH1281 The loop requested to be added to the D-channel list is the primary or backup loop (interface 0 or 1). This is not permitted with D-channel user mode USR PRI.

Action: This operation can be completed using Overlay 17.

SCH1282 The DTD table number entered in response to the TABL prompt must be configured for continuity check tone detection.

Action: Use Overlay 97 to specify a new DTD table with DFQ 7.

SCH1283 There are no XTD units on the system configured for continuity check tone detection.

Action: Load Overlay 13 and configure an unequipped card with XTD units for continuity check tone detection. The response to the XTDT prompt must be the table number configured for continuity check tone detection using Overlay 97.

SCH1284 SUPP package or ESA PAGE package is required for Special Service Lists.

Action: Equip at least one of the packages and try again.

SCH1285 Automatic Wake-Up Controller is only allowed on Option 11C Compact systems with the AWU package equipped.

Action: If the system is Compact, equip the AWU package.

SCH1286 Digit Display must be equipped for a set with AWCA.

Action: Configure the AWCA on a set with a digit display.

SCH1287 The number of portable TNs in the system exceeds the number of portable TNs defined in the tape directory.

SCH1288 The new MIN or ESN entered is a duplicate of the MIn or ESN configured for the specified TN.

Action: Enter a unique value.

SCH1289 Unable to match the input with the stored mnemonics. Valid responses for the PU TYP prompt are PRIV and IS41.

SCH1290 A maximum number of 15 digits is allowed for TRT_DN in LD 15.

SCH1291 The IDN option is not allowed for this prompt in LD 15.

SCH1292	The length parameter is out of range for LD 49 (0-15).
SCH1293	The Black CLIP list number is out of range for LD 49 (0-CLIP_MAX)
SCH1294	The CONT option is not allowed for list treatment.
SCH1295	An invalid treatment type for LD 49. The treatment must be ACCD CONT CTVN CTRC TRT1 TRT2 TRT3 or TRT4.
SCH1296	The unit number of the TN is out-of-range for MAXU value on this card.
SCH1297	Warning - ensure that ITD hardware supports more than 24 units.
SCH1298	The MAXU value cannot be decreased to a value below the highest unit number configured on the card.
SCH1299	No Virtual TNs available on phantom loops.
SCH1300	MFC/MFE signal number out-of-range.
SCH1301	Invalid MFC/MFE function mnemonic.
SCH1302	Function already exists.
SCH1303	Attempt to enter Forward Called Number Digit in illegal location.
SCH1304	Wrong number of input fields for GNPO.
SCH1305	MFC/SS/MFE head table does not exist.
SCH1306	MFC Timer out-of-range (1-24 sec.).
SCH1307	MFC Automatic Digits out-of-range (1-4).
SCH1308	Entry for MFL out-of-range.
SCH1309	Remove tables not needed before lesser MAXT.
SCH1310	Maximum number of MFC/MFE tables out-of-range.
SCH1311	MFC/SS/MFE table number out-of-range.
SCH1312	MFC/SS/MFE table already exists.
SCH1313	MFC/SS/MFE table does not exist.
SCH1314	Conflicting MFC/MFE route types.

SCH1315	MFC End-to-End Signaling code out-of-range.
SCH1316	Invalid MFC/MFE signaling level.
SCH1317	MFC/MFE/MFC package not equipped.
SCH1318	MFC DID/MFE package not equipped.
SCH1319	MFC TIE package not equipped.
SCH1320	MFC/SS/MFE table linked to a route cannot be removed.
SCH1321	Route ICOG must be incoming and MFC table defined.
SCH1322	Null response not allowed.
SCH1323	MFC/MFE level 1 does not exist.
SCH1324	Cannot remove MFC/MFE level 1.
SCH1325	MFC/MFE level not defined.
SCH1326	Incomplete response for RECVor RFUN.
SCH1327	Incomplete response for XMIT or RFUN.
SCH1328	Invalid input type
SCH1329	Invalid function for this table/level/type.
SCH1330	Table not deleted in route data.
SCH1331	Response must be either ICT or OGT.
SCH1332	Outgoing MFC table exists in a DID route.
SCH1333	Incoming MFC table does not exist in this route.
SCH1334	Only incoming MFE tables allowed.
SCH1335	Only DID routes allowed for MFE tables.
SCH1336	The loop number to be entered must be for a DTI2 loop.
SCH1337	An invalid TN.
SCH1338	HFA is not allowed on this set.

SCH1339	Group Listening is not allowed on this set.
SCH1340	Invalid response to prompt SCL.
SCH1341	Unable to move ITG units to non-ITG card.
SCH1345	Attempt to configure RCAP CTO or ECTO without BNE package equipped.
SCH1346	Attempt to configure RCAP with an EuroISDN Explicit Call Transfer remote capability. (CTO or ECTO) when one is already configured. **Action:** Remove the already configured RCAP before entering a new one.
SCH1356	Only MSB, NRD, AAG, AMG, DWC and ASP are allowed on these keys.
SCH1357	On the M3902, key 4 will only accept NUL or TRN or AO3 or AO6 as possible mnemonics.
SCH1358	On the M3902, key 5 will only accept NUL or MWK as possible mnemonics.
SCH1359	On the M3903, keys 4 - 15 are not supported.
SCH1360	On the M3903, M3904, M3905 and I2004 sets, key 17 is reserved for the TRN mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1361	On the M3903, M3904, M3905 and I2004 sets, key 18 is reserved for the AO3 or AO6 mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1362	On the M3903, M3904, M3905 and I2004 sets, key 19 is reserved for the CFW mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1363	On the M3903, M3904, M3905 and I2004 sets, 20 is reserved for the RGA mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1364	On the M3903, M3904, M3905 and I2004 sets, key 21 is reserved for PRK mnemonic. No other mnemonic except NUL, can be configured on that key.
SCH1365	On the M3903, M3904, M3905 and I2004 sets, key 22 is reserved for the RNP mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1366	On the M3903, M3904, M3905 and I2004 sets, key 23 is reserved for SCU/SCC/ SSU or SSC. No other mnemonic except NUL can be configured on that key.
SCH1367	On the M3903, M3904, M3905 and I2004 sets, key 24 is reserved for the PRS mnemonic. No other mnemonic except NUL can be configured on that key.

SCH1368	On the M3903, M3904, M3905 and I2004 sets, key 25 is reserved for the CHG mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1369	On the M3903, M3904, M3905 and I2004 sets, key 26 is reserved for the CPN mnemonic. No other mnemonic except NUL can be configured on that key.
SCH1370	On the M3903, M3904 and M3905, keys 27-31 are reserved.
SCH1371	On the M3903, M3904, and M3905 MWK is reserved for key 16. No other mnemonic except NUL can be configured on this key.
SCH1372	Key 7 is blocked on this set.
SCH1373	Key number entered exceeds the maximum number of keys allowed with 2 KBAs.
SCH1374	On the M3904 and M3905, KBAs and DBAs are mutually exclusive. If 1 or 2 was entered at KBA prompt, 0 or carriage return must be entered at DBA prompt.
SCH1375	Keys 12-15 are not supported on M3904 or M3905.
SCH1376	Only NUL or PROG can be assigned to key 7 on the M3905.
SCH1377	On the M3903, the maximum key number supported is 31.
SCH1378	DTA Class of Service is not allowed for units 0-15 on 24 Port DLC.
SCH1379	DCS no supported package #350 restricted.
SCH1380	Index already used by another VTN.
SCH1381	Virtual TNs can only be copied to phantom loops.
SCH1382	Mixing concentrated and non-concentrated DECT unit on same card.
SCH1383	REPeat command not supported across concentrated DECT Mobility Cards.
SCH1384	HMDN must be entered for a ViSITor.
SCH1385	Entered HMDN is not a valid network DN.
SCH1388	The CCOS or SAR package is restricted.
SCH1389	Cannot change the FCAD entry reserved for distinctive dial tone in survivable IAMs.
SCH1390	CLS CCSA is required for CLS SLKA.

SCH1391 All appearances of MADN must be defined with CLS FXSP.

Action: Correct in LD11

SCH1393 List is full.

Action: Delete any unused entries.

SCH1394 Cannot accept CLS AGRA. No AGP MADn defined in Customer Data Block.

Action: Enter in LD15.

SCH1412 Unit type must be 2616 for this CLS.

SCH1413 KEY mnemonic must be MCR .

SCH1414 An appearance of this agent DN has CLS FXSP.

Action: Out the appearance in LD 11.

SCH1415 No CORPDIR*.CVS files found in c:/u/db. Corporate Directory feature cannot be used.

SCH1417 Cannot remove last port while FXS_DN still defined in customer data block.

Action: Configure a flexible services port and retry.

SCH1420 Attendant is in conflict with existing DN or special service prefix.

SCH1480 Upper flash out-of-range.

SCH1500 DN is used elsewhere and cannot be used as an attendant access code.

SCH1501 Invalid DN.

SCH1502 No value is assigned to attendant value code.

SCH1503 Conflict between special function prefix and night number.

SCH1504 Package not equipped.

SCH1505 Customer data block may be removed: attached data = route, flexible tones and ringing data, Flexible Feature Code, attendant DN and/or NFCR data.

SCH1530 FTC block already exists.

SCH1531 FTC block does not exist.

SCH1532 Cannot have code restriction data on TIE trunks.

SCH1539	Input is invalid for this prompt.
SCH1540	FTC class one data already exists.
SCH1541	FTC class two data already exists.
SCH1542	FTC class three data already exists.
SCH1543	FTC class one data does not exist.
SCH1544	FTC class two data does not exist.
SCH1545	FTC class three data does not exist.
SCH1546	Response to prompt MTHD must CNT or ANL.
SCH1547	A valid method must be entered.
SCH1548	A maximum must be entered.
SCH1549	Response to prompt REQ must be NEW, OUT, CHG, REM or END.
SCH1551	Response to REQ was NEW. Response to FTC REQ must be NEW
SCH1552	Response to prompt REQ must be NEW, OUT, CHG, REM or END.
SCH1555	Response to CLS TYPE must be one of ONE, TWO, or THREE.
SCH1556	Invalid access code (4 digits maximum).
SCH1557	Too many access codes (maximum 15).
SCH1558	Response to BYPS must be YES or NO.
SCH1559	Response to CLR must be ALOW or DENY.
SCH1560	Code length out-of-range (must be 3 digits).
SCH1561	Code cannot be restricted. Does not match a previously entered access code.
SCH1562	Code cannot be removed. Does not exist in data.
SCH1564	Invalid response to CONG. Must be one of BUSY, OVFL, or {CR}.
SCH1571	Software error. **Action:** Contact your technical support group.

SCH1572	Invalid repeat Counter for this type of trunk, MAX is 255.
SCH1573	Member number increment out-of-range (0-511).
SCH1574	Member number out-of-range (1-510).
SCH1700	Threshold data must be defined prior to group data.
SCH1701	Threshold block does not exist.
SCH1702	Threshold block already exists.
SCH1703	Threshold value out-of-range.
SCH1704	All groups must be removed before the threshold block may be removed.
SCH1705	Loop to be removed for member x does not match data for member x.
SCH1706	Invalid loop number (i.e. loop is already a member, loop is not disabled or is not an RPE loop).
SCH1707	Group number is out-of-range (SL-1A and LE 1-5, VLE 1-31).
SCH1708	Loop number (address) is out-of-range.
SCH1709	RPE2 package not present on tape.
SCH1866	NMCE package not equipped.
SCH1867	Warning: The ISA master route cannot have any RLI pointing towards itself. **Action:** Check whether this route is associated with any RLI. Remove all RLI's associated with this route.
SCH1868	Class of service being changed to SPCD as the class of service has been changed to MID.
SCH1869	SPCA Class of service only allowed for IPE, TIE, E&M trunks with MIA class of service.
SCH1870	The number of digital TN's in the system exceeds the number of digital TN's defined in the tape directory.
SCH1871	The number of analog TN's in the system exceeds the number of analog TN's defined in the tape directory.
SCH1872	WARNING: It is recommended that a non-CallPilot CDN be configured here.

Action: Please ensure that the CDN you are configuring as an AODN is a CallPilot CDN. The CDN you have entered will be accepted if you continue through the Overlay. However, if you have entered a non-CallPilot CDN, please leave the Overlay (****) and re-enter, or re-start the Overlay (**).

SCH1873 Key 7 is blocked on this set.

SCH1874 Attempt to configure RCAP UUS1 without BNE package equipped.

SCH1875 RCAP UUS1 only allowed for EURO/E403.

SCH1876 Attempt to configure RCAP with a EuroISDN diversion remote capability whereas the BNE package is restricted. Do not configure the unexpected remote capability as it has no effect without the missing package.

SCH1880 The number of ISDN B Channel TNs in the system exceeds the maximum number allowed.

SCH1881 The number of DTI Channel TNs in the system exceeds the maximum number allowed.

SCH1882 The number of Analog Trunk Tns in the system exceeds the maximum number allowed.

SCH1883 The number of Data Port TNs in the system exceeds the maximum number allowed.

SCH1884 The number of Phantom Port TNs in the system exceeds the maximum number allowed.

SCH1885 The number of CLASS Telephone TNs in the system exceeds the maximum number allowed.

SCH1886 The number of Attendant Consoles TNs in the system exceeds the maximum number allowed.

SCH1892 Corporate Directory not allowed without corporate Directory Package.

SCH1893 Corporate Directory not allowed for this set type.

SCH1894 Set to Set Messaging not allowed without Set to Set Messaging Packages.

SCH1895 Set to Set Messaging not allowed for this set type.

SCH1896 No default cab type allowed when entering the first tty for each expansion cab.

SCH1897 MOV PAIR command is not allowed across different card types (CTYP: XDLC/ EDLC).

SCH1900 Warning! The daughterboard type is not 100baseT or 100baseF in the cabinet you configured your card.

SCH1921 A corrupted DPNSS/DASS2 trunk is observed.

Action: Report the problem.

SCH1922 Specified port not an IP port.

SCH1923 ISM limit for survivable expansion cabinets exceeded.

SCH1924 Not possible to set survivable capability to NO when IP expansion cabinet is in survival mode.

SCH1925 Not possible to set survivable capability to NO when IP link is down.

SCH1937 The number of ITG ISDN Trunks in the system exceeds the maximum number allowed.

SCH1938 Last RCFA FFC cannot be deleted while FOLM and FWDT FFCs are configured.

Action: Remove existing FOLM and FWDT FFCs.

SCH1939 Last ERCFW (FOLM or FWDT) FFC cannot be deleted while sets are configured with CLS = ERCA.

Action: Ensure CLS = ERCD for all sets in the customer.

SCH1940 CLS = ERCA not accepted. Neither FOLM nor FWDT FFC configured.

Action: Configure at least one of FOLM or FWDT FFC in LD 57.

SCH1941 Warning: Only one of FOLM or FWDT configured.

SCH1942 Virtual Terminal must be defined on a phantom loop (Overlay 11).

SCH1943 Virtual Terminal is not allowed to be copied (CPY) or moved (MOV) (Overlay 11).

SCH1944 Virtual and Host Terminals are not allowed to be changed (CHG) removed (OUT) copied (CPY) or moved (MOV) when the VO Worker is logged in (Overlay 11).

SCH1945 The primary DN of a Virtual Terminal is not allowed to be a primary DN for any other TN and must be defined as the MARP DN (Overlay 11).

SCH1946 Virtual Office package is not equipped (Overlay 1120).

SCH1947 Feature (Key or CLS) is not configurable on Host or Virtual Terminals (Overlay 11).

SCH1948 Host or Virtual Terminals cannot be monitored by the BFS key (Overlay 11).

SCH1949 Service change (CHG OUT CPY or MOV) is not allowed on Host or Virtual Terminals during Virtual Office Swap process on them (Overlay 11).

SCH1950 Service change is not allowed on Host or Virtual Terminals (Set Base Administration Attendant Administration).

SCH1951 The Virtual Terminal DN cannot be member of a DND group.

SCH1952 Physical I/O dress already in use in the specified network group; physical I/O address already in use for this Option 11C cabinet.

SCH1953 Physical I/O address already used by a non-MSDL device in a different network group/cabinet. This address can be used in the specified group only for an MSDL running only DCH.

SCH1954 Physical I/O address already used by an MSDL device (running an application different from DCH) in a different network group/cabinet only for an MSDL running only DCH.

SCH1955 Error in request. Either the software is not IP equipped or command can only be used on main cabinet.

SCH1956 You are attempting to configure DBA with a KBA attached to the set.

Action: First input 0 with KBA prompt and then configure 1 with DBA prompt.

SCH1957 You are attempting to configure KBA with a DBA attached to the set.

Action: First input 0 with DBA prompt and then configure 1 or 2 with KBA prompt.

SCH1958 Command is blocked since Midnight download is triggered for the M3900 set type.

SCH1960 <link#> ABORT OVERLAY <##> NOW! Application’s action on link# requires the specified overlay to terminate immediately.

Action: Craftperson must terminate the overlay service change activities by ** or ****.

SCH1961 You are configuring key 5 to a mnemonic other than NUL (for the Application key) on this 3905 set. Redefining this key overrides the user's access to remote applications.

Action: First change STSA to STSD or CRPA to CRPD and then configure key 5 to a non-NUL feature.

SCH1962 You are enabling either Corporate Directory or Set to Set Messaging when key 5 is not NUL on the M3905.

Action: Please NUL key 5 first and then input STSA or CRPA at the CLS prompt.

SCH1963 Only 16 serial I/O and DCH devices are allowed per cabinet. (CPU TTYs are not counted against this count of 16 devices.)

SCH1964 Virtual Office terminals (Host and Virtual) cannot be defined as Data TN.

SCH1965 DN of Virtual terminal cannot be defined on a Host terminal and vice versa

SCH1966 I2004 sets have to be defined on virtual superloops.

SCH1967 I2004 unit type only is allowed on virtual superloops.

SCH1968 Key 0 must be a DN key on an i2004 set (I.e. one of SCR SCN MCR MCN PLN PLR ACD DN).

SCH1970 Message Waiting Key (MWK) must be defined on key 16 on an i2004 set.

SCH2000 An attempt was made to assign a mini CDR tape unit to a customer for which the tape was not assigned in configuration data.

Action: Assign the tape in LD 17 and return to LD 15 to assign the tape to a customer.

SCH2001 Private route not allowed.

SCH2002 No CDP list exists for this CDP steering code.

SCH2003 ESN data block does not exist for this CDP steering code.

SCH2004 No customer data block exists for this CDP steering code.

SCH2005 Invalid CDP steering code.

SCH2006 Wrong number of input fields for prompt NCOS.

SCH2007 NCOS number out-of-range (0-15 for NARS, 0-3 for BARS/CDP, 0-7 for NFCR).

SCH2008	NCOS package must be equipped if ESN is entered.
SCH2009	NARS package must be equipped if ETN is entered.
SCH2010	Signaling type inconsistent with card density.
SCH2011	New unit number is too high for the new card.
SCH2012	Off-premise extension for single density card only.
SCH2013	Attempt to increase card density while OPX units are equipped.
SCH2014	Existing card density too high for move/swap.
SCH2015	Attempt to move/swap loops while upper shelves exist in the loop with lower density.
SCH2016	The DNIS Route must be defined as auto-terminating or IDC.
SCH2017	This value represents a change for the CDR with Outpulsed Digits (OPD). The change does not take effect until after the next initialization.
SCH2019	Frame formats must be the same when moving or swapping DTI loops.
SCH2020	Moving a trunk between different loops is not permitted.
SCH2021	DTI package not equipped.
SCH2022	Cannot delete a non-DTI loop or add a DTI loop which is not undefined, or make changes to a non-DTI loop.
SCH2023	Odd loop numbers for DTI card slot not allowed.
SCH2024	Digital trunk loop must be a DTI2, JDMI, or PRI2 loop.
SCH2025	Primary reference loop number and secondary reference loop number cannot be the same.
SCH2026	Illegal input for trunk type.
SCH2027	NCOS package and/or DTI package is restricted.
SCH2028	Digital TIE auto must be VCE or DTA only.
SCH2029	TN to channel conversion failure.
SCH2030	Digital data block does not exist.

SCH2031	Digital data block already exists.
SCH2032	Configuration loop number must be a DTI card slot.
SCH2033	A DTI loop can only be moved to another DTI loop.
SCH2034	A digital route is required.
SCH2035	{CR} is allowed only if a DTI card does not exist on the network shelf.
SCH2036	Framing format has been changed from D2 to D3 or vice versa. **Action:** For X11 Release 16, framing format cannot be changed while trunks exist on the loop. Trunks associated with that loop must first be removed from the configuration before changing the framing format.
SCH2037	Channel out-of-range (1-24).
SCH2038	Channel to TN conversion failure.
SCH2039	Last shelf on the slot is not permitted for DTI.
SCH2040	Cannot remove a digital data block while DTI loops still exist.
SCH2041	Framing format data corruption has occurred.
SCH2042	Protected terminal digital loop block pointer has been corrupted.
SCH2043	LFTN must be TN with the same customer number.
SCH2044	LUC not permitted for DTI loops.
SCH2045	Wrong number of input fields.
SCH2046	Departmental LDN out-of-range.
SCH2047	Invalid input. Attendant number is either out-of-range or an invalid input was encountered.
SCH2048	Unable to match input with stored mnemonics.
SCH2049	Cannot add existing attendant or delete non-existing attendant.
SCH2050	Outing an existing DND group is not allowed unless the GND key is deactivated on the attendant console.
SCH2051	Unable to match input field with stored mnemonics for prompt CNVT.

SCH2052	ESN digit manipulation index out-of-range (0-255).
SCH2053	ESN digit manipulation table does not exist.
SCH2054	ESN data block does not exist.
SCH2055	Wrong number of input fields for prompt ATDN.
SCH2056	Only FDN is allowed for 500 telephone.
SCH2057	WTA not allowed for CLS DTA.
SCH2058	Null input not allowed for prompt NEW.
SCH2059	Wrong number of input fields for prompt MTN.
SCH2060	Release 8 L MSI configured in SCC FN. Prompt incoming default not allowed.
SCH2061	Too many ranges defined for this location code (20 ranges maximum).
SCH2062	Overlapping or duplication of ranges.
SCH2063	XRA or XFA not allowed when CLS = MNL.
SCH2064	The desired key is already defined. **Action:** Only one CSD is allowed for each set.
SCH2065	PBX ring option conflicts with group option.
SCH2066	Wrong key number to TAD.
SCH2067	The Call Park option must be allowed (CPA) in CDB.
SCH2070	Cannot OUT customer when ESN, NCTL or AUTH blocks still exist.
SCH2071	Cannot OUT customer when ACD still exist.
SCH2072	Cannot OUT customer when DISA blocks still exist.
SCH2073	Cannot OUT customer when Call Park blocks still exist.
SCH2074	Input AOS for CLS = ignored when command is NEW.
SCH2075	EFD allowed only with CFTA COS.
SCH2076	EHT allowed only with CFTA COS.

SCH2077	Unable to match input with mnemonics.
SCH2078	CFCT not allowed.
SCH2079	BGD user type cannot coexist with ACD, APL, CDL, CMC, CMS, HSL, LSL.
SCH2080	BGD customer number must be specified for BGD or PMS Link device.
SCH2081	BGD/PMSI package not equipped.
SCH2082	PMS user type can coexist with BGD only.
SCH2083	SFA must have FNA and MWD specified.
SCH2084	SFA not defined.
SCH2085	CPND cannot exist with DTA on.
SCH2086	SFA not defined.
SCH2087	SFA not allowed.
SCH2088	ACD-DNIS package is restricted.
SCH2089	APL number expected when LINK = YES.
SCH2090	Customer option cannot be changed to DNX with DNIS routes defined.
SCH2091	Digit insertion not allowed for this DNIS route.
SCH2092	DNIS routes cannot be configured with CHG request.
SCH2093	Not a valid APL. Define in the Configuration Record.
SCH2094	APL package not equipped.
SCH2095	NO not allowed for AUTO with DNIS route defined.
SCH2097	DN must be ACD DN when trunk is a DNIS route.
SCH2098	TDET package is restricted.
SCH2099	Multi Party Operation (MPO) Blind Transfer Allowed (MBXA) must have Call Transfer Allowed (XFA) or Three Party Service Allowed (TSA) Class of Service defined. Six Party Conference (C6A) must have Call Transfer Allowed (XFA) Class of

	Service defined. Permanent Hold (PHD) feature must have Call Transfer Allowed (XFA) Class of Service defined.
SCH2100	Only one input field allowed.
SCH2101	MXLN cannot be reduced once defined.
SCH2102	CPND data block does not exist.
SCH2103	Invalid command for stand alone CPND.
SCH2104	Response to TYPE must be NAME.
SCH2105	CPND data block already exists.
SCH2106	Invalid CPND configuration.
SCH2107	Cannot change CPND configuration.
SCH2108	MXLN out-of-range (5-27).
SCH2109	Only YES or NO allowed.
SCH2110	Response to STAL must be YES with BGD package.
SCH2111	DFLN out-of-range.
SCH2112	Cannot remove CPND data block while names exist for DN.
SCH2113	Cannot remove CPND data base while names exist.
SCH2114	Invalid response to DIG.
SCH2115	CPND name does not exist.
SCH2116	CPND name already exists.
SCH2117	Invalid character for Name. If the NAME prompt will not accept any characters and PKG 211 is configured, verify that the input terminal is configured to send 8 bit characters.
SCH2118	Too many input characters.
SCH2119	Invalid response to DN.
SCH2120	Digit display cannot be removed because RMK/MRK key configured.

SCH2121	Invalid input to MR prompt.
SCH2122	PSP/PIP CLS only allowed for loop start trunks with disconnect super.
SCH2123	MRA/MRD not allowed unless Message Registration (MR) package is enabled. PSP is mutually exclusive with JCO/LST.
SCH2124	MRK key must be assigned to a key/lamp pair.
SCH2125	MRK key set must have digit display assigned.
SCH2126	Manual and Hot Line telephones can have LLCN COS only.
SCH2127	XPLN out-of-range; from entered Name's length to MXLN.
SCH2128	TOFT value must be from 2 to 1800 at OVDN prompt.
SCH2129	All ACD DNs specified for OVDN must be unique.
SCH2130 dn	ACD DN cannot answer TOF calls for this source ACD DN because it already services 6 source ACD DNs. dn = target ACD DN.
SCH2131 dn	When deleting the Target ACD DN (dn) from a source with TOFT defined, could not find the source TOF queue address within the target's unprotected block. Possible data corruption which may result in BUG688 and source TOF calls not terminating to target agents. **Action:** Manual INIT. or run Audit recommended. If this persists, inform operating company.
SCH2132	Prior to Release 16, PSP CLS is mutually exclusive with LST and JCO CLS. For Release 16 and later, PSP CLS is mutually exclusive with JDID and JCO CLS.
SCH2133	Cannot use X to delete EFD/EHT. Consult your user manual.
SCH2134	SFA requires FNA and MWD COS.
SCH2135	Power down and power up, or enable, or service change the M2317 telephone that is using this speed/system call list after this Speed Call List is changed.
SCH2137	Wrong set type, cannot assign maintenance set class.
SCH2138	This is a data set TN. It cannot have MTC class.
SCH2139	DN assignment not allowed on this key.
SCH2140	Must set or change the SID value when the IFC or NSF of the route is changed.

SCH2141	Max value must be specified when the NSF or IFC or the route is changed.
SCH2142	Priority is out-of-range. The Range is from 1 to the Maximum Priority for the ACD-DN of the defined agent.
SCH2143	DNIS route must either auto-terminate or IDC.
SCH2501	An attempt was made to change a telephone that is in the process of relocating.
SCH2502	A request other than NEW or OUT was used in conjunction with type CARD.
SCH2503	An attempt was made to service change a telephone that SET-RELOCATE was working on.
SCH2504	An invalid TN was entered when adding or removing a card.
SCH2505	An attempt was made to remove a card that has equipped units.
SCH2506	An attempt was made to change a set that belongs to a different customer.
SCH2507	An attempt was made to change a set that is busy.
SCH2508	ALOW or DENY was expected as an input but was not received.
SCH2509	An invalid Prime DN has been entered. It is not unique or is not a Prime DN.
SCH2510	Attendant Administration Package is not equipped.
SCH2511	History File feature package restricted.
SCH2512	Not enough PDS to allocate History File of requested size. Followed by (allocated size) and (requested size).
SCH2513	Invalid user for History File.
SCH2514	History, traffic or TTY file is empty.
SCH2515	No new messages added to History File since last printout.
SCH2517	Attendant Overflow Position package restricted.
SCH2521	Not enough digits entered.
SCH2522	Invalid entry for prompt CFW (not DENY or CFW).
SCH2523	Invalid entry for prompt SPC (not DENY, SCC, or SCU).

SCH2524	An attempt was made to assign an ACD or MC key to an SL-1 set.
SCH2525	Mini-CDR package is not equipped.
SCH3000	IMS package not equipped.
SCH3001	LTN table pointer not defined. Data corrupted.
SCH3002	APL user cannot share TTY. APL user already defined.
SCH3003	APL user cannot share TTY. Other user already defined.
SCH3004	Cannot remove APL TTY without first removing all users using this TTY.
SCH3005	All APL TTY devices must be disabled first.
SCH3006	The APL TTY is not defined in Configuration Record
SCH3007	The APL TTY is already defined.
SCH3008	The APL TTY is out-of-range (0-15).
SCH3009	The APL TTY is previously removed.
SCH3010	Invalid APL link.
SCH3011	Response of NO not allowed. IMA, UST, or UMG is active.
SCH3012	The APL TTY is out-of-range (0-15).
SCH3013	The APL link is shared by other user.
SCH3014	The specified APL is not defined in customer data block.
SCH3015	Caution: This command will remove all UST key users using this ACD (use ODAS to print all UST key users). If no UST key users, ignore the error message.
SCH3016	Telephone message timer (UMT) is out-of-range (2-15).
SCH3017	Response NO not allowed. IMS option is defined.
SCH3018	If any of the IMA, UST or UMG features are ON, then the CSL option (CMS) may not be changed.
SCH3019	Trunk CLS must be MFR if the trunk is a member of the CAMA route using Bell M2B signaling.

SCH3020	IMA Class of Service is not allowed for this customer.
SCH3021	Carriage return in LTN field with APL link undefined.
SCH3022	TN number is already defined.
SCH3023	LTN number is out-of-range (1-253).
SCH3024	LTN link number is not defined in customer data block.
SCH3025	IMA Class of Service requires key 0 to be an ACD key.
SCH3026	UST key desired, but UST is restricted.
SCH3027	UST key desired, but UST ALLOWED bit not set in CDB.
SCH3028	All members of the CAMA Route using Bell Signaling M2B need to have MFR Class of Service.
SCH3030	Only Digitone sending/receiving allowed with ESN signaling arrangement.
SCH3031	Trunk members must have Digitone sending/receiving.
SCH3032	Invalid TN in trunk route trunk list.
SCH3033	Wrong number of input fields for prompt FDN.
SCH3034	Flexible DN conflicts with existing DN.
SCH3035	Invalid DN type for CFNA DN.
SCH3036	Cannot remove IMS with IMA UST or UMG allowed.
SCH3037	Cannot remove IMA with APL defined.
SCH3038	Cannot remove UST with APL defined.
SCH3039	Cannot remove UMG with APL defined.
SCH3040	Cannot remove APL with user defined in ACD block.
SCH3041	Cannot remove MCX with IMA, UST, or UMG allowed.
SCH3042	MCI option not enabled.
SCH3044	CLS IMA defined requires that the IMA option in ACD block be defined.
SCH3045	LTN link is not the same as APL defined in this ACD block.

SCH3046	UST key desired, but FDN, or HUNT is not an ACD DN.
SCH3047	UST key desired, but UST not allowed in ACD block.
SCH3048	UST key desired, but APL link not defined in ACD block.
SCH3049	Key type already defined on this telephone. More than one key of this type per telephone not permitted.
SCH3050	MWD is invalid when telephone has MWK/XMWK/RMWK assigned. **Action:** Delete MWK/XMWK/RMWK keys before changing the CLS option to MWD.
SCH3051	Repeat command not allowed for music trunks.
SCH3052	Existing card type conflicts with this overlay program.
SCH3053	Wrong set type to assign this Class of Service.
SCH3054	Wrong set type to assign this key mnemonic. **Action:** The CSD key is only applicable to Aries sets with display.
SCH3055	The Digital telephone package is not equipped.
SCH3056	Hot line package not equipped.
SCH3057	DN length does not match the given DN. Too many digits. **Action:** Enter ADL/CFW DN with configured ADL/CFW DN length size.
SCH3058	Wrong number of input fields.
SCH3059	DN length out-of-range (1-31). **Action:** Enter DN length of 1 -31 digits.
SCH3060	Class of Service must be MNL.
SCH3061	This feature not allowed for Hot Lines.
SCH3062	Invalid Hot Line DN.
SCH3067	Signal destination timer is out-of-range (384-2048).
SCH3069	Last preference key number is out-of-range.
SCH3070	Line selection package is not equipped.

SCH3071	A restart is caused if anything other than YES or {CR} is entered.
SCH3072	Deluxe Hold package is not equipped.
SCH3073	LFTN customer conflicts with customer to be changed.
SCH3074	Outgoing start arr. is not equal to incoming start arr.
SCH3075	A list number of this type does not exist.
SCH3080	Hot Line lists need to be defined in LD 18.
SCH3081	Hot Line list length out-of-range.
SCH3082	Flexible Hot Line not allowed by list entry method.
SCH3083	Invalid DN; already assigned to non-enhanced Hot Line set.
SCH3085	Hot Line list number mismatch.
SCH3086	List already defined as Hot Line list.
SCH3087	Set has EHTA COS; need to define Hot Line at FTR.
SCH3088	Conflict with EHTA COS; telephone has either LNA, LLC1, LLC2, LLC3, MNL, or Permanent Hold features enabled.
SCH3089	EHTD not allowed. DN is shared with another defined Hot Line set. **Action:** User must OUT and re-create the telephone.
SCH3090	DN already defined as Enhanced Hot Line or two-way Hot Line key.
SCH3091	Illegal digit for list entry.
SCH3106	Unable to match input with stored mnemonics (trunk group option ESN.
SCH3107	Only WNK start allowed with ESN signaling arrangement.
SCH3108	Trunk group has non-wink-start members. Trunk arrangement must be wink start for ESN.
SCH3109	Duplicate Routing Controls key assigned to attendant console.
SCH3110	Speed Call List does not exist.
SCH3111	Wrong number of input fields for RNGE.

SCH3112	Attempted to assign a System Speed Call List number to a Speed Call List key or attempted to assign a Speed Call List number to a System Speed Call key.
SCH3113	Low or high range must not exceed number of valid entries.
SCH3114	Answer and disconnect supervision required for ESN proprietary signaling.
SCH3115	Trunk does not have answer and disconnect supervision.
SCH3116	Expensive route cannot be assigned to an ESN trunk group.
SCH3117	Cannot configure any odd loop adjacent to an even service loop in the same card slot.
SCH3118	Service loops must be even numbered loops.
SCH3119	Cannot configure even service loops adjacent to another odd loop in the same card slot.
SCH3120	Extender group number not in range 0-4.
SCH3121	No logical TN (LTN) can be found.
SCH3122	The number of ACD Agents requested exceeds the number of positions left for this group.
SCH3123	The Source TN cannot be a Dial Intercom set.
SCH3124	The Source TNs Data DN key is not copied.
SCH3125	CLS = MWD is not valid when the set has UST assigned.
SCH3126	You cannot assign more than two (2) AST keys on a single SL-1 set.
SCH3127	Invalid AST key type. Only MCR, MCN, SCR and SCn key are supported.
SCH3128	Two (2) AST keys are defined for the same DN on this SL-1 set.
SCH3129	This DN already has AST assigned.
SCH3130	VASID may not be defaulted for DNIS or CCR.
SCH3135	The ACD NSVC key already exists for this ACD-DN.
SCH3136	NIGHT DN: define the associated minute with the hour defined.
SCH3137	NIGHT DN: define the associated hour with the Night DN defined.

SCH3138	Night service times are not in ascending order.
SCH3139	Cannot copy a digital voice TN to a digital data TN. Also, you cannot copy a digital data TN to a digital voice TN.
SCH3140	Set-type of the new TN does not match with the set-type of the corresponding voice/data TN.
SCH3141	Customer number of the new TN does not match the customer number for the corresponding voice/data TN.
SCH3142	Tree digits input are invalid. **Action:** Re-input the proper and valid tree digits.
SCH3146	Trunk type of a route cannot be changed.
SCH3147	Primary Rate Access (PRA) package not equipped.
SCH3148	ISDN Signaling Link (ISL) package not equipped.
SCH3149	Neither ESL, PRA nor PRA2 package not equipped.
SCH3150	A value between 1-382 must be entered for all shared and ESL D-channels. {CR} not allowed for new ESL.
SCH3151	The ISL trunk still exists. Changing mode; decreasing the ISLM below the existing CHIDs or removing DCHI is not allowed.
SCH3152	Mode or DCHI change is only allowed if trunks have been removed.
SCH3153	No default allowed.
SCH3154	Route mode does not match DCHI user in the Configuration Editor.
SCH3155	Maximum number of PNI are already assigned.
SCH3156	PNI is assigned to a different customer.
SCH3157	Primary Rate Interface (PRI) hardware is required.
SCH3158	ISDN B-channel trunk parameters cannot be changed when the trunk is busy.
SCH3159	Wrong number of input fields for CHID.
SCH3160	CHID is out-of-range. **Action:** Check ISL MAX in the Configuration Record.

SCH3161	IFC type of D250 or ESS4 requires IEC package.
SCH3162	In LD 14 a duplicate CHID has been entered. This CHID already exists.
SCH3170	ISA must be selected with PRI loops only.
SCH3171	IFC for ISA route must be changed to ESS4 first and then the IFC for the service route can be changed to ESS4.
SCH3172	D-CH block pointer is NIL.
SCH3173	Must provide COT route number.
SCH3174	ISA route can be deleted if ISDN service routes do not step to it.
SCH3175	Warning: IFC for service route does not match IFC for route. Changing IFC between ESS4/ESS5 and D100/D250/S100/SL1 is not allowed.
SCH3176	Only one service route with a specific service type can be assigned to an ISA route (IFC = ESS4).
SCH3177	SID value must be unique.
SCH3178	If a CO route exists, enter route number for prompt COTR. If a WATS route exists, enter route number for prompt WATR. If a TIE route exists, enter route number for prompt TIER. Otherwise, the ISA route is inoperative and overflow tone is given.
SCH3179	Trunk(s) cannot be removed if the remaining number of trunks are less than the sum of the minimum number of reserved trunks.
SCH3180	The MAX value exceeds the number of trunks configured for the ISA route.
SCH3181	Zero (0) is not allowed for IEC.
SCH3182	B-channel(s) on a PRI loop must be moved to a PRI loop configured with a D-channel.
SCH3183	Incorrect number of digits entered.
SCH3184	At least one route is using this block; FGNO of that route must be changed before removing FGD block. A list of routes using this block is printed.
SCH3185	Too many Service Access Codes (maximum is 8).
SCH3186	Information digit (II) numbers are not in ascending order.

SCH3187	There are spaces in the Information digits (II) table.
SCH3188	Up to 255 MFR units may be defined.
SCH3190	FGD package is not equipped.
SCH3191	Wrong input parameters.
SCH3192	DN is assigned to another function.
SCH3193	DN is assigned to a different test line.
SCH3194	The DN for the associated Loop Reference trunk is not assigned. Printed in response to TST DN.
SCH3195	Directory number conflict of input parameters.
SCH3196	Not enough memory available.
SCH3197	Mini-CDR tape + History File and number of TTYs is greater than 16.
SCH3198	STRI and STRO must be WNK for FGDT trunks.
SCH3199	FGDT and M911 trunks must have MFR COS.
SCH3200	FGNO out-of-range.
SCH3201	Specified FGD block has not been defined.
SCH3202	MOV is invalid for TYPE FGDB or ANI.
SCH3203	PRT is invalid for TYPE CRB.
SCH3204	Requested FGD block does not exist.
SCH3205	Music trunk does not exist.
SCH3206	Call Park package not equipped.
SCH3207	Call Park not activated for the customer.
SCH3208	Call Park data block already exists.
SCH3209	Call Park data block does not exist.
SCH3210	System park DN input not allowed.
SCH3211	FDN not allowed unless COS is FNA or MWA.

SCH3212	Loop assignment exceeds system loop limit (Flexible Pricing).
SCH3213	Warning: STOR again.
SCH3214	IMM response forced for STAR if DN exist for ATDN or MNDN.
SCH3215	If AUTO is set and TKTP is TIE, SIG cannot be ESN3.
SCH3216	CDL package is not equipped.
SCH3218	ISA package is restricted.
SCH3219	PRI mode cannot be changed when associated with DCHI.
SCH3220	No toll digits are specified for outgoing toll calls.
SCH3221	Unable to match input with mnemonic (for density).
SCH3222	Card density greater than loop density.
SCH3223	Card density too low for entered unit number.
SCH3224	New card density too low for configured units.
SCH3225	Entered density greater then MPED.
SCH3226	New MPED value lower then configured loop density.
SCH3227	R2/MFC signaling (MFC) required to have CNA Class of Service.
SCH3228	CNA or CND Class of Service allowed only for DID trunks.
SCH3229	New MPED value lower than default card densities.
SCH3230	Default card density greater than the loop density.
SCH3231	Odd numbered DTR units not supported.
SCH3232	Unit number in response to TOTN higher than card density.
SCH3233	Card densities on source loop incompatible with destination loop.
SCH3234	Equipped shelf numbers on source loop incompatible with destination loop.
SCH3235	An attempt was made to increment the max tn(s).
SCH3236	FFC block already exists.

SCH3237	FFC block does not exist.
SCH3238	FFC package unequipped.
SCH3239	Invalid password.
SCH3240	Entry out-of-range.
SCH3241	External source number out-of-range.
SCH3242	Invalid FFC mnemonic.
SCH3243	64K clear can be selected only when LCMT is B8S.
SCH3244	DTD package not equipped.
SCH3245	Minimum DTD delay out-of-range.
SCH3246	Parameter out-of-range (0-15).
SCH3247	Null input not accepted.
SCH3248	Entry should be 0 or 1.
SCH3249	Dial tone not specified.
SCH3250	Input field is greater than 4.
SCH3251	Announcement package not equipped.
SCH3252	Input out-of-range (0-15 for internal) (0-7 for external).
SCH3253	Invalid tone or source number.
SCH3254	Loop number not associated with DCHI number/BCHI number.
SCH3255	Analog route cannot be PRA.
SCH3256	Yellow alarm was changed to DG2 because the frame format was changed to other than ESF.
SCH3257	Cannot configure DCH when the other port on the card is not configured as TTY
SCH3258	Loop number must be given with the sequence number.
SCH3259	Loop can be removed only when none of its channels are configured for B-channel signaling.

SCH3260	The TTY Port must be configured ASYNC when the other port on the same card is a DCHI or BCHI.
SCH3261	BCHI must have different value from DCHI.
SCH3262	There is at least one ISDN route. PRA = NO is not allowed.
SCH3263	HNPA, HLOC, and HNXX must be given for new customer.
SCH3264	Radio paging system does not exist.
SCH3265	Radio paging block already exists.
SCH3266	Not a Radio paging system route.
SCH3267	STEP to ISA route is not allowed.
SCH3268	PSA length out-of-range, (1-4).
SCH3269	Mode digit out-of-range, (0-9).
SCH3270	Radio paging system number out-of-range (0-15).
SCH3271	DN out-of-range.
SCH3272	PSA out-of-range.
SCH3273	Invalid system type for CO trunk.
SCH3274	Radio Paging data must be removed before changing system type.
SCH3275	Higher station group number exists.
SCH3276	SGRP out-of-range (1-127).
SCH3277	Out-of-range (1 to MAXN).
SCH3278	MAX cannot be reduced below existing PRXL/GRNO number.
SCH3279	PRXL table/entry already exists.
SCH3280	PRXL table does not exist.
SCH3281	Pretranslation package restricted.
SCH3282	Input number out-of-range (0-9).

SCH3283	Input must be 0-9999, or ABS, OVF, X.
SCH3284	Pretranslation table size must be either 10 or 100.
SCH3285	Pretranslation data of this customer does not exist.
SCH3286	Indices x1-x9 of XLTI, x not allowed.
SCH3287	Invalid command; must be one of NEW/CHG/OUT/END.
SCH3288	Trunk TYPE = not allowed with PRI loop.
SCH3289	PRI loop can be moved to PRI loop only.
SCH3290	Invalid maximum PE density keyword.
SCH3291	Attempted to configure PE as being SD while some DD terminals still exist.
SCH3292	Invalid card density keyword.
SCH3293	Card density is higher than ICCP density.
SCH3294	Entered card density is too low for the new unit.
SCH3295	Attempted to lower card density while upper units were still equipped.
SCH3296	Card is already equipped.
SCH3297	Card is not equipped.
SCH3298	Card density is higher than maximum PE density.
SCH3299	Change is not allowed for single density loop at card level.
SCH3300	The DN or Position ID is invalid, it must be unique.
SCH3301	The conditions for entering this item have not been met.
SCH3302	Copy count is out-of-range.
SCH3303	Cannot copy the TN to a DLI loop.
SCH3304	Last Hunt key number is out-of-range.
SCH3305	The Source TN cannot be a Virtual Agent.
SCH3306	The Source TN cannot be an ACD Supervisor.

SCH3307	CLS = IMA, but there is no LTN or APL defined.
SCH3308	Cannot copy to a relocating set TN.
SCH3309	CLS = TENA, but there is no tenant number defined.
SCH3310	Must have MWA for UST key operation.
SCH3400	Digital loop mode may not be defaulted when configuring a new loop.
SCH3401	Data calls and frame format fields ignored for DLI loops (digital loops in the link mode).
SCH3402	The DLI loop may not be removed if still defined for a VAS (PTE).
SCH3403	There is no protected DLI loop block for DLI loop N.
SCH3404	There are no defined VAS servers (PTE).
SCH3405	VAS server (PTE) already defined.
SCH3406	VAS server (PTE) is not defined.
SCH3407	The VAS server (PTE) may not be removed when CSL links are still defined for that VAS (PTE). **Action:** To remove a CSL link, enter: X before the CSL link number, to the CMS sub-prompt of the VAS (PTE) prompt.
SCH3408	Loop type must be DLI (digital loop in the link mode).
SCH3409	DLI loop must be disabled when adding to VAS server (PTE).
SCH3410	Maximum CSL links that may be defined for a VAS (PTE) has already been reached.
SCH3411	CSL link exists and belongs to a different VAS server (PTE).
SCH3412	DLI loop is assigned to a different VAS server (PTE).
SCH3413	All DLI loops assigned to a VAS server (PTE) must be disabled before the VAS server (PTE) can be removed.
SCH3414	Port number must correspond to a synchronous ESDI port, defined as ESDI YES and SYNC YES under the ADAN TTY prompt.
SCH3415	CSL link must be disabled before modifications can be made.

SCH3416	Both the CSL Basic and DTI packages must be equipped for the CMSA Class of Service.
SCH3417	Class of Service of CMSA is not accepted if class is not also DTA.
SCH3418	Station category number out of acceptable range (0-7).
SCH3419	CSL is not defined for this VAS server (PTE).
SCH3420	CSL configuration type may not be defaulted when adding a new CSL link.
SCH3421	ESDI must be disabled before CSL can be configured.
SCH3422	To remove a CSL ESDI port 1. set prompt CMS to Xx (remove port x) 2. set prompt VAS to OUT 3. set prompt VSID to x (remove port x)
SCH3423	CSL Basic package is not equipped.
SCH3424	Port must be defined as a CSL user (USER CMS under ADAN TTY prompt).
SCH3425	CSL user may not be removed if CSL link is still defined (CMS under VAS (PTE) prompt).
SCH3426	Device must be disabled to permit CSL user change.
SCH3427	CSL N cannot be configured, not enough unprotected memory.
SCH3428	Device type must be TTY for CSL user.
SCH3429	LINK mode is accepted only if both the DTI and the CSL Basic packages are equipped.
SCH3430	CSL cannot use an asynchronous port.
SCH3431	The loop does not exist.
SCH3434	Invalid TN (DLI channel TN or maintenance TN x 0 9 0).
SCH3436	TN corresponds to an M4020 terminal.
SCH3437	Wrong number of input fields for prompt CTN (should be: module shelf card port).
SCH3438	CTN module out-of-range (0-31).

SCH3439	CTN shelf out-of-range (0-11).
SCH3440	CTN card out-of-range (0-15).
SCH3441	CTN port out-of-range (0-63).
SCH3442	CTN could not be stored.
SCH3444	4020 is not allowed for LUU.
SCH3445	Cannot remove an SADM/Data Line Card TN while it is still defined for an indirect CSL link.
SCH3446	Default SADM/data line card or DLI loop is not allowed for new indirect CSL.
SCH3447	SADM/data line card entered is not in SL-1 data base.
SCH3448	SADM/data line card is already assigned to a different indirect CSL.
SCH3449	TN does not have CMSA Class of Service.
SCH3450	TTY N - ESDI port N cannot be configured because a maintenance Call Register could not be allocated.
SCH3451	TTY N M - The paired ports shown must be either both ESDI or both non-ESDI.
SCH3452	Cannot remove DLI loop when defined for an indirect CSL.
SCH3453	DLI loop entered is already assigned to a different indirect CSL.
SCH3455	VAS ID out-of-range (0-15).
SCH3456	VAS ID may not be defaulted for new data service access code.
SCH3457	Overflow DN for data service access code must be data service access code.
SCH3458	Cannot remove IS/data services option before data service DNs and their access codes are removed.
SCH3459	Cannot remove data service access option if agents are still defined for this ACD DN.
SCH3460	Ring Again for internal calls must be YES for data service access code.
SCH3461	Call forcing option must be NO for data service access code.
SCH3462	Data services customer option is not set (OPT DSI in LD 15).

SCH3463 If class is DSI, class must also be DTA.

SCH3464 TYPE must be SL-1.

SCH3465 Cannot remove customer block before IS/data service DNs are removed.

SCH3466 Data service access code may not be a message center.

SCH3467 If class is DSI, then key 0 must be an in-calls key for an ACD DN of a Data service access group (DSAC YES in LD 23).

SCH3468 If key 0 is an in-calls key for an ACD DN of a data service access group, then class must be DSI.

SCH3469 Data services customer option is not turned on (OPT DSI in LD 15).

SCH3470 The DLI loop must be assigned to a VAS Server (PTE) (in LD 17, DLOP under VAS prompt).

SCH3475 Not enough Call Registers to send the CSL DATA message to the server (PTE). This means that the server (PTE) was not notified of the data base change or validation request.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11), or DN (if in LD 23) (OUT) and adding it back in (NEW), or
2. running Audit.

SCH3476 No active CSL link was found for the VAS Server (PTE) to which the M4020 terminal access TN or access code is assigned. If an M4020 terminal is being service changed, then this is the VAS server (PTE) to which the DLI loop of the M4020 terminal voice TN is assigned (DLOP under VAS prompt in LD 17). If an access code or TN is being service changed, then this is the VAS server (PTE) to which the access code is assigned (VSID in LD 23).

This means that the server (PTE) was not notified of the data base change or validation request.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11) or DN (if in LD 23) (OUT) and adding it back in (NEW)
2. running Audit.

SCH3477 The CSL DATA message could not be sent to the VAS Server (PTE) for unspecified reasons.

Action: Try removing the data and adding it back in, or running Audit LD 44.

SCH3483 TNs on a DLI loop must be one of a data service access TN (TYPE of SL-1 and CLS of DSI) or a VMS access TN (TYPE of SL-1 and CLS of VMA).

SCH3484 No response was received from the VAS Server (PTE) for the CSL DATA message sent. This could mean that the server (PTE) was not notified of the data base change or validation request.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11) or DN (if in LD 23) (OUT) and adding it back in (NEW), or

2. running Audit

SCH3485 Class of Service of DTA is not allowed for the M4020 voice TN. These Classes of Service belong to the M4020 terminal voice TN.

SCH3486 If Key 0 is an in-calls key for an ACD DN of a VMS access group, then Class of Service must be VMA.

SCH3487 If Class of Service is VMA, then key 0 must be an in-calls key for an ACD DN of a VMS access group.

SCH3492 Cannot remove the primary data service access code option if there are agents still defined for the DN.

SCH3493 A primary data service access code may not be used as an overflow DN.

SCH3494 Cannot change the VAS ID for a primary data service access code or VMS access code with agents still defined for the DN.

SCH3496 The data service or primary data service access code option may not be removed if the ACD DN is defined as the primary access code for a data service DN.

SCH3497 An overflow DN for a primary data service access code must belong to the same VAS server (PTE) as the primary access code.

SCH3498 The data service access option or the primary data service access option may not be set if there agents still defined for the existing ACD DN.

SCH3499 A data service access code may not be an overflow DN for a DN that is not also a data service access code.

SCH3500	ATM package not equipped on this system.
SCH3501	ATM data block already exists.
SCH3502	ATM data block does not exist.
SCH3503	This route TYPE is 3515 not allowed for ATM testing.
SCH3504	Cannot out ATM, route still scheduled for ATM.
SCH3505	Number of DN digits exceeds 10.
SCH3506	ATM DN must be two or more digits long.
SCH3507	PAD value out-of-range.
SCH3508	LOSS value out-of-range.
SCH3509	NOISE limit out-of-range.
SCH3510	PERCENT out-of-range.
SCH3511	ATM SCHEDULE block does not exist.
SCH3512	ATM SCHEDULE block already exists.
SCH3513	Customer has no SCH data for this hour, use NEW to create SCH data for this customer.
SCH3514	Customer already has SCH data for this hour. **Action:** Use CHG to change SCH data or OUT to delete customer's SCH data from given hour.
SCH3515	Cannot OUT RDB; ATM data still associated with RDB.
SCH3516	Hour for SCH data is out-of-range.
SCH3517	Out of service limit is less than maintenance limit.
SCH3518	MXTI value is out-of-range.
SCH3519	DN Digit out-of-range.
SCH3520	ATM cannot be performed on this route because FEDC is equal to FEC.
SCH3521	SCI package is not provided.

SCH3522 CCOS package is not implemented.

SCH3523 DN specified is not BCS or PBX DN.

SCH3524 Invalid CCOS restriction level.

SCH3525 SCH data is deleted during memory transfers.

SCH3526 This route has not been scheduled for ATM test.

SCH3527 This route has already been scheduled for ATM test.

SCH3528 ATM Schedule data does not exist for this hour.

SCH3530 Pad Value must be input (0-63 dB).

SCH3531 DN must be input.

SCH3532 Loss value must be input (0-15 dB).

SCH3533 Noise value must be input (27-90 dBrn).

SCH3534 lll ch, B-channel ch of loop lll can be removed when it is idle. ISL channels need to be idled also.

SCH3545 Threshold set is already deleted.

SCH3546 Cannot remove TSET until all DTI/DLIs assigned to it are removed.

SCH3547 The VAS ID of a data service access code that is defined as the primary access code for a data service DN may not be changed.

SCH3548 If Class of Service is VMA, class must also be VCE.

SCH3549 Server cannot remove access code. It still has agents defined.

SCH3550 VAS Server (PTE) cannot add the access TN because it already exists in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN and adding it back in, or
2. running Audit.

SCH3551 VAS Server (PTE) cannot remove the access TN because the access TN does not exist in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. adding the TN and then removing it, or

2. running Audit.

SCH3552 VAS Server (PTE) cannot add the access code because it already exists in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the DN and adding it back in, or

2. running Audit.

SCH3553 VAS Server (PTE) cannot remove the access code because it does not exist in the Server (PTE) data base. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try running Audit.

SCH3554 Server cannot add/remove the voice/data access code because it is a data/voice access code.

SCH3555 VAS Server (PTE) cannot remove the access TN because it is not in the Server (PTE) list of TNs belonging to the specified access code. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. adding the TN back in and then removing it, or

2. running Audit.

SCH3556 VAS Server (PTE) cannot add the access code (if in LD 23) or the access TN (if in LD 11) because the disk save failed. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. removing the TN (if in LD 11) or DN (if in LD 23) (OUT) and adding it back in (NEW), or

2. running Audit.

SCH3557 VAS Server (PTE) cannot remove the access code (if in LD 23) or the access TN (if in LD 11) because the disk delete failed. This could mean that the data bases do not match.

Action: To ensure compatibility of the shared data bases (when the CSL link is up), try either:

1. adding the TN back in (if in LD 11) or DN (if in LD 23) (OUT) and then removing it (NEW), or

2. running Audit.

SCH3558 SCD DB LD 73 - No DTI threshold set defined.

SCH3559 TRSH may not be defaulted when configuring a new digital loop.

SCH3560 The threshold set is not defined.

SCH3561 If Class of Service is VMA, class must also be IMA.

SCH3562 If Class of Service is IMA, class must also be VCE.

SCH3566 The VMS option (CMS, IMA and IVMS = YES) may not be removed if agents are still defined for this DN.

SCH3567 An existing ACD DN may not be set up as a VMS access code (CMS, IMA, and IVMS = YES) if agents are still defined for that DN.

SCH3568 The TN defined as the SADM TN for the indirect CSL (CLS = CMSA) must be a normal SL-1 set TN (i.e., it cannot be a digital set or a virtual TN; e.g. TYPE cannot be 4020, CLS = DSI or VMA)

SCH3570 The VAS ID of the Server (PTE) for which the access code is defined (VSID prompt for either the data service or VMS access code in LD 23) must match the VAS ID of the Server (PTE) for which the access TN is defined (i.e., the VAS Server (PTE) for which the DLI loop is defined — DLOP under the VAS prompt in LD 17).

SCH3571 The TN defined as the SADM TN for the indirect CSL (CLS = CMSA), must not be a virtual TN on a DLI loop.

SCH3572 IMA may not be turned off if the CSL option is set (CMS = YES) and there are agents defined for this ACD DN. This is because agents require a special Class of Service for IMA.

SCH3574	If a DLI loop is specified, then TYPE must be TNB (for LUU).
SCH3575	Invalid CONFIRM return code.
SCH3576	The server has software error. Cannot complete the service change.
SCH3577	The server has data base error. Cannot complete the service change.
SCH3579	OPR trunk members not on private line routes, must have DTN COS.
SCH3580	To be OPR allowed, all members must have DTN COS.
SCH3581	ICDR package required.
SCH3582	SLP package not equipped.
SCH3583	PRMA requires WTA COS.
SCH3584	PHTA requires HTA COS.
SCH3585	PHTA/PCWA require PRMA COS.
SCH3586	Invalid CPAS DN.
SCH3587	MCT package not equipped.
SCH3588	ACD stations not allowed MCTA COS with X11 Release 18 and earlier.
SCH3589	TRC key is not allowed when telephone is MCTD.
SCH3590	LLC package not equipped.
SCH3591	Only digits 0-9 considered as valid input for the digit count field.
SCH3592	XFA required for MCTA.
SCH3593	OVFL not allowed for PFAN/PFNA.
SCH3594	PRMA not allowed on ACD sets.
SCH3595	PCWA COS requires Call Waiting (CWT) key.
SCH3596	This list number was not assigned to this PBX set.
SCH3597	Cannot move an ACD DN with calls store in the queue.
SCH3600	If class is “VMA”, class must also be “VCE”(duplicate of 3548).

SCH3601	Directed Call Pickup not equipped.
SCH3602	Values input are out-of-range. Valid input is 0-8190 for maximum number of SCL allowed for the system.
SCH3603	Value entered is greater than NSCL currently defined.
SCH3604	Cannot allocate memory for SCL header table.
SCH3605	List number entered for SCL is greater than MSCL in the Configuration Record.
SCH3606	SSCL number is out-of-range.
SCH3607	Dialed Name Display cannot exist if CNDA is not configured.
SCH3609	Notification Key Lamp (NKL) already exists for this DN. The set will be configured without it.
SCH3617	Account key already exists for this ACD set.
SCH3618	Non-ACD sets cannot have an Account key.
SCH3619	Account key cannot be assigned to a Virtual Agent.
SCH3620	ACD Account Code package is not enabled.
SCH3621	ACD Package D is not equipped or the agent is not an ICCM acquired control agent.
SCH3622	Entry is out-of-range.
SCH3623	External source number out-of-range.
SCH3624	Flexible Incoming Tones customer options turned off.
SCH3625	PBX Templates have exceeded 255. **Action:** Run the Template Audit program.
SCH3626	The asterisk * and octothorpe # are not allowed for IDC. **Action:** Re-enter the characters.
SCH3627	This customer does not have the IDC option enabled. **Action:** Use LD 15 to enable IDC for the customer.
SCH3628	An IDC tree exists for this customer, as defined in LD 49.

	Action: Delete the IDC Tree.
SCH3629	System Speed Call List number out-of-range.
SCH3630	THF package is not equipped.
SCH3631	THF key and DTA Class of Service are mutually exclusive.
SCH3632	FLH timer out-of-range (256-1536 milliseconds).
SCH3633	THF Class of Service not allowed for this trunk type
SCH3634	Request for deleting IDGT is not in IDC table. **Action:** Do PRT to confirm the existence.
SCH3635	Conference Hot Line key can only be one-way (i.e., No DN assigned to key.) **Action:** Re-enter a DN.
SCH3636 x y	Longer DN's hundreds group conflict with a shorter hundreds group. **Action:** Select a new DN group, where x is the conflicting hundreds group; y is the shorter existing hundreds group. See Busy Lamp Field feature requirements in X11 features and services (553-3001-305).
SCH3637 x y	A shorter existing DN's hundreds group conflict with a longer hundreds. **Action:** Select a new DN group, where x is the conflicting hundreds group; y is the longer existing hundreds group. See Busy Lamp Field feature requirements in X11 features and services (553-3001-305).
SCH3639	Input expected for Do Not Disturb route.
SCH3640	Private DN conflicts with existing DN.
SCH3641	Cannot step to Private route.
SCH3642	Invalid input for the Agent Observe Tone prompt. **Action:** Valid attempts are NO, AGT or ALL. (The default = NO).
SCH3643	NCOS, NFCR and IDC packages must be equipped.
SCH3644	DC feature is not active.
SCH3645	DRC route is out-of-range (0-511).
SCH3646	DRC route does not exist.

SCH3647 DRC route must be DID.

SCH3648 DRC route IDC feature is not active.

SCH3649 DRC route is controlled by a BSC set.

Action: Remove BSC set DRC key that controls the NKDM feature.

SCH3650 Input for the maximum redirection counter value out-of-range (0-5).

SCH3651 Pretranslation block does not exist.

Action: Set up pretranslation data block on LD 18.

SCH3652 The Data Agent Login option = YES. The Virtual Agent option is invalid when DAL = YES.

Action: Respond to DAL prompt with NO.

SCH3653 Pretranslation data block already exists.

SCH3654 Pretranslation data block cannot be removed if PREO = 1.

Action: Set PREO = 0 in LD 15.

SCH3655 MOV command is not allowed.

SCH3656 Pretranslation package is restricted.

Action: Enable pretranslation package.

SCH3657 Must set PREO in LD 15 to have pretranslation block printout.

SCH3658 CS key requires that the Speed call or System Speed Call package is equipped.

SCH3659 Cannot remove CDB if pretranslation block pointer not Nil.

Action: Remove pretranslation data block (LD 18).

SCH3661 An external DN has been entered for the CFW key when CFXD is the Class of Service.

Action: Configure an internal DN for this sets CFW key.

SCH3662 CFXD has been enabled while the set has an external DN configured for the CFW key.

Action: Remove the external CFW DN before setting the CFXD Class of Service.

SCH3663 Another SL-1 set already controls DRC route. New DRC key must control a DID route not currently controlled by a SL-1 set.

SCH3664 Another KEY already controls the same DRC route. Only one DRC key is allowed per DID route.

SCH3665 IDC option was changed from ON to OFF. Route IDC option cannot be turned off because a BSC set controls it (a DRC key has been configured for a set).

Action: Use LD 81 to find and Release the TN with the TRC key. Use LD 11 to NUL the key.

SCH3666 PR12 loop can only be moved to another PRI loop.

SCH3667 International PRA (PRA2) package is not equipped.

SCH3668 Loop number entered is not a PR12 loop.

SCH3669 ABCD applies only if the DT12 package is equipped.

SCH3670 User either tried to configure ISDN on a CCB route or tried to configure CCB on an ISDN route.

Action: Either disable CCB on the route and try configuring ISDN again or set ISDN to NO before setting CCB to YES.

SCH3671 Attempt to out a PRI2 loop from DLOP prompt.

Action: Use a PRI2 prompt to out a PRI2 loop.

SCH3672 Attempt to configure an ISDN route without the customer configured for ISDN, or without DCH configured.

Action: Configure customer with ISDN in LD 15.

SCH3673 Customer IDC option cannot be disabled because SL-1 sets control DID route Day/Night mode.

Action: First NUL all DRC keys on customer SL-1 sets.

SCH3674 Cannot out an MCAD entry.

SCH3675 MCAD entry does not exist.

SCH3676 MCAD entry already exists.

SCH3678 Null MCAD entry is not allowed. MCAD entry 0 is already defined as a continuous tone.

SCH3679 Meridian digital set package not equipped.

SCH3680	AOM input is out-of-range.
SCH3681	Corresponding data TN is defined. Cannot assign key 7, its local program now.
SCH3682	Digit display Class of Service (ADD, DDS) is on. Cannot assign key 7 its local program now.
SCH3683	For 2X16 set, handsfree Class of Service is defined. Cannot assign key 15 as it is now a handsfree key.
SCH3684	The M2006 set does not support Digit Display Class of Service.
SCH3685	The M2008, M2616, and M2216 sets with key 7 defined as a feature key already cannot assign Digit Display COS.
SCH3686	The M2008, M2616, and M2216 sets with key 7 defined for its corresponding data TN cannot assign Digit Display COS.
SCH3687	The M2016 set cannot be assigned DTA CLS.
SCH3688	The M2000 series data TN key 7 cannot be configured.
SCH3689	The M2000 series data TN key 7 (or key 5 for M2006) of the corresponding voice TN is defined.
SCH3690	The M2616 set with key 15 defined, cannot assign HFA CLS.
SCH3691	TOV input out-of-range.
SCH3692	Wrong OPE input. Cannot match mnemonics.
SCH3693	Wrong TRAN input. Cannot match mnemonics.
SCH3694	Wrong PAR input. Cannot match mnemonics.
SCH3695	Wrong DTR input. Cannot match mnemonics.
SCH3696	Wrong DUP input. Cannot match mnemonics.
SCH3697	Wrong HOT input. Cannot match mnemonics.
SCH3698	Wrong AUT input. Cannot match mnemonics.
SCH3699	Wrong BAUD input. Cannot match mnemonics.
SCH3700	Wrong DCD input. Cannot match mnemonics.

SCH3701	Wrong PRM input. Cannot match mnemonics.
SCH3702	Wrong VLL input. Cannot match mnemonics.
SCH3703	Wrong MOD input. Cannot match mnemonics.
SCH3704	Wrong INT input. Cannot match mnemonics.
SCH3705	Wrong CLK input. Cannot match mnemonics.
SCH3706	MPDA/ADATA is either not equipped or response timeout.
SCH3707	M2016 cannot be configured as data TN.
SCH3709	PRI2 data does not exist.
SCH3710	The specified ANI data block has configured already (for command NEW).
SCH3711	Incorrect NPA format. It should be N = 2-9, P = 0/1, A = 0-9.
SCH3712	The specified ANI data block has not configured yet (for PRT, CHG, and OUT).
SCH3713	The input value is out-of-range.
SCH3714	The specified input data has been configured already (for command NEW).
SCH3715	Range input is not allowed for SUB response.
SCH3716	Ending digit is smaller than the starting digit for range input.
SCH3717	The specified input data has not configured yet.
SCH3718	Timers for this feature are defined in increments of 30 seconds. The timer value will increase to the next 30 second increment.
SCH3719	SFA not allowed unless FNA is defined.
SCH3720	The Speed Call List for the default (0) Pretranslation Calling Group does not exist.
SCH3721	Device must be disabled to permit PMS link change. **Action:** Disable the link in LD 37.
SCH3722	Added loops must be of the same type as DCHL.
SCH3723	ATIM out-of-range (0-126).

SCH3724 Invalid Attendant Alternative Answering (AAA) DN type. Valid types are Set DN (PBX, SL-1, and Digital) and ACD DN.

SCH3725 Invalid card type specified for prompt FDLC. Possible types are XNET (Network Card), XPEC (Controller), XNPD (Network/DTR Card), ALL.

SCH3726 Invalid download option specified for prompt FDLC.

Action: Enter F for forced download or C for conditional download.

SCH3727 Invalid Peripheral Software (PSW) version type specified for prompt FDLC. Possible values are: L = Latest, C = Current (default), S = specified (1-99).

SCH3728 Invalid Peripheral Software (PSW) version number (1-99) specified for prompt FDLC.

SCH3729 Download parameter missing or invalid.

SCH3730 Since L (latest) or C (current)has been entered for download type, a version number cannot be entered.

SCH3731 Invalid FDCT pointer found: possible memory corruption.

SCH3732 Missing software for Network Card (NT8D04) on disk.

Action: Get the disk with the proper Network Card software version.

SCH3733 Missing software for Controller (NT8D01) on disk.

Action: Get the disk with the proper Controller software version.

SCH3734 Error in Mass Storage Unit.

Action: Check Mass Storage Unit.

SCH3735 Cannot change data for superloop 24 or 28.

SCH3736 Wrong number of inputs.

SCH3737 Input out-of-range.

SCH3738 Cannot delete Controller defined for the new Network/DTR loop.

SCH3739 The M2006 DN is only allowed on key 0.

SCH3740 A PRI2 TN can only be associated with a PRI2 route.

SCH3741 The International Primary Rate Access (IPRA) package is not equipped.

SCH3743	The Load Management (LMAN) package is not equipped.
SCH3744	The Send Message (SMSG) and Get Message (GMSG) keys are only allowed on ACD sets.
SCH3745	The Send Message (SMSG) and Get Message (GMSG) keys are only allowed on M2000 series sets with a digit display.
SCH3755	Input out-of-range.
SCH3756	Table does not exist.
SCH3757	Invalid Target. The Target identifiers must be part of the Coordinated Dialing Plan (CDP) or Uniform Dialing Plan (UDP).
SCH3758	Do not define a Time Overflow Timer (TOFT) if a Day Table for Network ACD is to be created. Delete TOFT and create the Day Table.
SCH3759	Do not define a Night Call Forward (NCFW) DN if a Night Table for Network ACD is to be created. **Action:** Delete NCFW DN and create the Night Table.
SCH3760	Network ACD Target Table is full.
SCH3761	Table already exists.
SCH3762	A Table must be specified for the NEW, CHG, and PRT commands.
SCH3763	Timer for the Target is expected.
SCH3764	Auxiliary Processor (AUX) message was not sent because enough Call Registers are lacking. Message is a table change update message.
SCH3765	An ACD DN cannot be deleted if it has Target Tables assigned to it. **Action:** Remove these Tables first.
SCH3766	The Network ACD package 178 must be equipped to enter TYPE = NACD.
SCH3767	No Target Table of that type exists for this ACD DN.
SCH3768	Too many digits entered for this ACD DN.
SCH3769	Not enough PDS available for that Target Table.
SCH3770	The Network Services package 148, Enhanced Overflow package 178 and Network ACD package 207, are required for all remote targets.

SCH3771 Network ACD package 178 is not equipped.

SCH3772 Automatic Digit Display (ADD) or Digit Display Service (DDS) Class of Service (CLS) is required for this function.

SCH3775 Cannot assign an ICI key to a route belonging to a different CPG.

SCH3776 This Listed Directory Number (LDN) belongs to a different CPG and cannot be reused.

SCH3777 CPG basic package is not equipped.

SCH3778 You cannot disable the Multi-Tenant (TENS) feature because some Console Presentation Groups (CPGs) still exist. For CPG 1-63, when TYPE = CPGP

SCH3779 This customer has CPG Level Services feature enabled already.

SCH3780 You cannot enable Console Presentation Group (CPG) Level services for this customer, because they have Departmentally Listed DNs (DLDNs) allowed. The CPG and DLDN features are mutually exclusive.

Action: Go to LD 15 and set DLDN to NO before enabling CPG.

SCH3781 Cannot disable the CPG Level Services feature when CPG data blocks (1-63) still exist.

SCH3782 The basic attendant parameter block of the customer (CPG 0) does not exist.

SCH3783 Shared Tenant Service is not allowed because the CPGs defined for Tenant Services overlap.

Action: Print out all the CPG Attendant definitions and verify that all Attendants belong to only one CPG at a time.

SCH3784 CPG number is out-of-range (1-63).

SCH3785 That CPG data block already exists.

SCH3786 Cannot configure a CPG data block for a CPG without any attendants.

SCH3787 CPG data block does not exist.

SCH3788 Cannot delete a CPG data block when the CPG is still used by tenants/routes.

SCH3789 Cannot remove a CPG while it’s associated CPG data block still exists.

SCH3790	Cannot remove the last Attendant from the CPG definition while it's CPG data block exists.
SCH3791	Warning: The ICI key definition of the route specified for the previous CPG data block will be used.
SCH3792	You cannot remove a Customer Data Block (CDB) while CPG data blocks still exist. **Action:** Remove the CPG data blocks in LD93.
SCH3793	The CPG Level Services must be enabled before configuring a CPG data block.
SCH3794	This customer has CPG Level Services feature enabled and therefore cannot enable the Department Listed DN (DLDN) feature.
SCH3795	The CPG_DEFS/RTE_CPG ORDF block does not exist. Severe data corruption has occurred. Cannot proceed.
SCH3796 x x x	As the CPG feature is enabled, the Attendant consoles in customized CPGs are taken out automatically, where: x x x = the Attendant numbers taken out.
SCH3797	That attendant number belongs to another CPG.
SCH3800	Level 4 can only be removed by removing level 3.
SCH3801	Level 2 cannot be removed for L1 labels.
SCH3802	MFC level 2 does not exist.
SCH3803	Incoming table still exists in an own_nic_blk.
SCH3804	Outgoing table still exists in an nic_blk.
SCH3805	Levels 3 and 4 must both be defined.
SCH3806	During call processing may cause problems.
SCH3807	Translation type not tab for customer.
SCH3808	No DN-PSA translation table.
SCH3809	Entries still in DN-PSA translation table.
SCH3810	DN already in table.
SCH3811	DN not in table.

SCH3812	More than one Radio Paging System exists. Table entries must be removed before resetting to single system.
SCH3813	EXOP not allowed without FFC package equipped.
SCH3814	Input for CDTO prompt is out-of-range (0-10).
SCH3815	No ASEQ currently defined.
SCH3816	ASEQ input is out-of-range (0-9).
SCH3817	FFC state is being set to zero due to conflict with the new ASEQ.
SCH3818	FFC conflicts with another FFC's numeric equivalent.
SCH3819	Numeric equivalent conflicts in the DN translator.
SCH3820	FFC and/or equivalent conflicts with an already existing DN.
SCH3821	The Scheduled Access Restriction package is not equipped.
SCH3822	Attempting to create a new Authcode when the number of digits for the Authcode ALEN, is zero.
SCH3823	Maximum Scheduled Access Restriction Group is out-of-range (0-127).
SCH3824	The number of digits of the Authorization code to be validated is outside of the range (0, ALEN), where ALEN is the number of digits in the Authorization code itself.
SCH3825	The response is other than YES or NO.
SCH3826	The CRCS value is outside of the range (0-7).
SCH3827	The TGAR value is outside of the range (0-15).
SCH3828	Unable to match the input with the Stored Service Mnemonics.
SCH3829	Cannot create aut block when ALEN = 0.
SCH3830	There is no room in the AUTH Pointer Table.
SCH3831	{CR} is not allowed when AUTH Block SARG number for GRP is expected.
SCH3832	The SARG number is outside of the range (1, SMAX) where SMAX is the maximum SARG number allowed.

SCH3833	The SAR Block does not yet exist for this customer.
SCH3834	No AUTH Blocks exist for this customer.
SCH3835	The hour and/or minute entered for the off-period Start/Stop times is out-of-range. Where: HH= Hour, MM= Minute, and HH is greater than or equal to 0, and less than or equal to 23; MM is greater than or equal to 0 and less than or equal to 59
SCH3836	Higher SAR group number exists.
SCH3837	{CR} is not allowed for the lock request.
SCH3838	The lock number must be either 1 or 2, to correspond to one of the two off-periods.
SCH3839	Attempting to print a non-existing service code corresponding to the authorization code entered.
SCH3840	ATD is not allowed on input. Enter ATA or either CUS or GRP. For the latter two, ATD is implied.
SCH3841	Attempting to remove or change a non-existent SARG entry.
SCH3842	Attempting to create a new SARG entry corresponding to one which already exists.
SCH3843	{CR} is not allowed for SMAX prompt.
SCH3844	{CR} is not allowed for AVAL prompt.
SCH3845	Attempting to lock onto an unusual off-period time (both START and STOP times are zero).
SCH3846	The Authcode entry pointer does not point to the start of the storage corresponding to the Authcode entered (This should never occur).
SCH3847	Attempting to enter extra information on the same line as the service data which must appear by itself.
SCH3848	{CR} is not allowed for services which the command is not a change.
SCH3849	Requesting to print a single Authcode which does not exist.
SCH3850	Attempting to insert the Authcode data when it’s location is unknown.

SCH3851	SS table number is out-of-range.
SCH3852	SS head table does not exist.
SCH3853	Entry does not exist in table.
SCH3854	Receive section of table is full.
SCH3855	Input out-of-range (11-15).
SCH3856	Input out-of-range (1-15).
SCH3857	Invalid function for this table.
SCH3858	Network package denied.
SCH3859	Attempt to assign more than one CPR key on a SL-1 set.
SCH3860	Digit display is required for CPR feature.
SCH3861	More than 4 characters were entered.
SCH3862	ASCII count variable is less than zero.
SCH3864	Remove NWK ACOD when changing to 11.
SCH3889	Response to SUPN INC was RVBD. **Action:** Response to SUPN OUT must be RVBD.
SCH3890	DN length conflicts with DNs already existing in DN-PSA translation table.
SCH3891	Protected block length for station input not accepted.
SCH3900	Multi-Tenant Service package is restricted.
SCH3901	Only ALOW or DENY can be entered.
SCH3902	Only one input field allowed.
SCH3903	Null input not allowed.
SCH3904	Tenant Service is not enabled for this customer.
SCH3905	Not all attendant console groups have been removed.
SCH3906	NEW or OUT is not allowed for this TYPE.

SCH3907	CHG is not allowed for this TYPE.
SCH3908	Not all Route ACCESS_ARRAY blocks have been removed.
SCH3909	Not all Tenant ACCESS_ARRAY blocks have been removed.
SCH3910	Tenant number out-of-range.
SCH3911	Route number out-of-range.
SCH3912	Attendant Console Presentation Group number out-of-range.
SCH3913	Cannot OUT Multi-Tenant. There are still sets which belong to a tenant (have Class of Service TENA).
SCH3914	Attendant Console number out-of-range.
SCH3915	Attendant Console Presentation Group cannot be removed while it is specified for a Tenant or a Route.
SCH3916	Attendant Console Presentation Group Definitions block, CPG_DEFS, is missing.
SCH3917	Tenant Ordinals block, TEN_CPG_ORDLS, is missing.
SCH3918	Route Ordinals block, RTE_CPG_ORDLS, is missing.
SCH3919	Invalid response to ALOW or DENY.
SCH3920	Attendant Console Presentation Group 0 is not service changeable.
SCH3921	Tenant Service is already configured for this Customer.
SCH3922	Attendant Console Presentation Group is already configured.
SCH3923	Attendant Console Presentation Group is not configured.
SCH3924	A Tenant cannot be denied access to itself.
SCH3925	Response to AUTR is invalid.
SCH3926	Digital set package is unequipped.
SCH3927	Touchphone set package is unequipped.
SCH3928	TN type does not match with the corresponding voice or data TN.
SCH3929	Loop must be quadruple density loop for Touchphone or Digital set.

SCH3930	Maximum number of keys is either 9, 11, or 18 for compact sets.
SCH3931	No default for MXKY if defining a new compact set.
SCH3932	Keys 6-16 are reserved for future key expansion on Touchphone.
SCH3933	Default keys for Touchphone are not allowed if a new set is being defined
SCH3934	This key feature is not applicable on Digital sets.
SCH3935	1. For M3000 Data PDN must match DN of key 17 for the voice TN. 2. For M2317: Data PDN must match DN of key 10 for the voice TN. **Action:** 1. Change key 17 of the Voice TN to null, then change the data PDN to the appropriate PDN and define key 17 for the voice TN once again. 2. Change key 10 of the Voice TN to null, then change the data PDN to the appropriate PDN and define key 10 for the voice TN once again.
SCH3936	Cannot delete the data TN until key 10 of the M2317, or key 17 of the M3000 is changed to NUL.
SCH3937	Loop specified for TOTN prompt must be a quadruple density loop for Digital set.
SCH3938	TN types for voice and data ports of a Digital set do not match.
SCH3939	For M3000: Key 17 of voice TN must be NULL before changing PDN of data TN. For M2317: Key 10 of voice TN must be NULL before changing PDN of data TN.
SCH3941	For Touchphone, key 0-5 can only be SCR/N, MCR/N, PLR/N and DIG.
SCH3942	For Touchphone and M2000 series digital sets, this feature cannot be defined for this key number (17-35).
SCH3943	Only Digital sets, M3000 sets, ISDLC cards or Digitone Receivers can be quadruple density.
SCH3944	Cannot have CMSA Class of Service for digital telephones.
SCH3945	VCE is used for voice TNs, DTA is used for data TNs. For digital line cards the TN unit range is: VCE = 0-7, DTA 8-15. For NT8D02: VCE = 0-15, DTA = 16-31.
SCH3946	Cannot move a digital voice TN to a data TN or vice versa.
SCH3947	The corresponding voice/data TN of the moved digital telephone TN should also

SCH3948 The telephone type of the moving TN does not match with the set type of the corresponding voice/data TN of the TOTN.

SCH3949 Cannot change double density card (BCS card) to quadruple density card (ISDLC card).

SCH3950 AAK key or AAA Class of Service is not allowed for this type of set.

SCH3951 Data DN key cannot be defined until data TN is defined.

SCH3953 The modem TN must be in the same customer group as the ADM trunk.

SCH3954 The Touchphone data DN can have only two members, the voice TN and the data TN.

SCH3955 2009, 2018, and 2112 cannot be ACD sets.

SCH3956 RANF, RAN1, RAN2 must be assigned a different route number. With the Multiple Language Wake Up (MLWU) feature, RANF, RAN1 and RAN2 must be different from language routes (LA11 through LA52 in LD 15).

SCH3959 A non-PRI loop number was specified in the TN, but the route member is PRA mode.

SCH4000 Number of characters specified for a block identification line is out-of-range.

SCH4001 The maximum number of block IDs is out-of-range.

SCH4002 An attempt was made to increase the RIT but there is not enough protected storage.

Action: Remove and copy manually.

SCH4003 RANF, RAN1, RAN2 must be assigned to different routes.

SCH4021 Cannot remove Speed Call List which is used as a pretranslation list in the speed call data block.

SCH4022 Response AONW is out-of-range (3-32768).

SCH4023 FFW key is already defined.

SCH4024 Private Line routes are not applicable.

SCH4025 Route entered cannot be a RAN Route.

SCH4050 ALEN must be in the range ({AVAL}, 16).

SCH4061 Before Release 10: VNET route has changed to a Non-VNET route. After Release 10: VNET route has changed to a Non-VNET route. CMFI has been zeroed.

Action: Use LD 14 or manual initialize to allocate extra memory for CPN trunks.

SCH4062 Before Release 10: NON-VNET route has changed to a VNET route. After Release 10: VNET route has changed to a Non-VNET route. ISST has been zeroed.

Action: Use LD 14 or manual initialize to allocate extra memory for CPN trunks.

SCH4063 Private line route.

SCH4064 No CAS keys defined for this CUST.

SCH4065 Conference loop increase out-of-range (larger than 79).

SCH4066 Different Multifrequency signaling method defined for this route.

SCH4067 Trunks must be removed before changing MF signaling type.

SCH4068 MFE Signaling allowed on incoming trunks only.

SCH4069 DN size for pretranslation table must be less than 5.

SCH4070 Incoming non-VNET routes using L1 MFC cannot be assigned tables which contain more than 2 levels of signaling.

SCH4071 Route entered does not exist.

SCH4072 MAXN must be greater than 0 for TYPE = ACG.

SCH4073 Value for MAXN out-of-range (1-63).

SCH4074 Only two input fields allowed.

SCH4075 Only NITE or an AGNO accepted for second option.

SCH4076 NTNO cannot be greater than 4 digits.

SCH4077 DN entered must be an LDN.

SCH4078 Route must be outgoing for RACC and incoming for RACG.

SCH4079 Attendant Console Groups exist greater than MAXN.

SCH4080 Loop density must be 4D or DD.

SCH4081	Local tone out-of-range (0-3).
SCH4082	HFA/HFD only allowed for M2018 sets.
SCH4083	DTA only allowed for Digital sets.
SCH4084	Invalid card type for Digital set TN.
SCH4085	Single density not allowed for Digital sets.
SCH4086	Cannot change DTA/VCE Class of Service.
SCH4100	LDN has a Tenant Number cannot be deleted or changed.
SCH4101	ALDN Group cannot be used at a satellite node.
SCH4102	Input out-of-range (3-19).
SCH4103	A LDN number higher than input value for MAXN is defined.
SCH4104	Input for prompt ICIM must be one of NON, LDN0, LDN1, LDN2, LDN3 or {CR}.
SCH4105	Input not accepted - Tenant Data Defined.
SCH4106	A tenant number which is higher than input value for MXTN is defined in protected data.
SCH4107	No package that uses station group data is equipped.
SCH4108	Tenant number must be in the range 0 to MXTN in LD 15.
SCH4109	Station Group already defined.
SCH4110	Attendant number defined in a console group.
SCH4111	Cannot remove route mapped to an ACG.
SCH4112	Cannot accept OGT for route mapped to ACG.
SCH4113	Station group not defined.
SCH4114	Input must be one of A, MU, or {CR}.
SCH4115	Warning: Counting edge of PPM pulse bit(s) for the DTI loop is not compatible with the incoming CONN(s) signal in the signaling category table entered. Metering will not be performed on this channel.

SCH4116	Warning: Route entered for DTI channel has battery reversal type of metering. Metering will not be performed on this channel.
SCH4117	Warning: DTI loop has PPM pulse bit(s) defined but entered route does not have PPM type of metering. Metering will not be performed on this channel.
SCH4118	Warning: Entered route has PPM type of metering, but DTI loop does not have PPM pulse bit(s) defined. Metering will not be performed on this channel.
SCH4119	No DTI TNs exist.
SCH4120	Entry out-of-range.
SCH4121	Invalid loop type entered. **Action:** For JDMI and DTI2, you must enter JDMI loop. For PRI2, a PRI2 loop is required.
SCH4122	DTI data does not exist.
SCH4123	Timers cannot be created.
SCH4124	Channel out-of-range.
SCH4125	DTI loop is not defined.
SCH4126	Signaling/pad category does not exist.
SCH4127	Signaling/pad category table cannot be removed because there are no references to the table.
SCH4128	Signaling/pad category already exists.
SCH4129	Invalid abcd code.
SCH4130	Non-compatible loops (digital and analog).
SCH4131	DTI2 package is not equipped.
SCH4132	Timers cannot be removed.
SCH4133	Timer values must be in a descending order.
SCH4134	Non-analog loop.
SCH4135	Non-digital trunk type.

SCH4136	Destination loop is not the same type as source loop.
SCH4137	Not allowed for a DTI loop.
SCH4138	Channel-TN conversation failed.
SCH4139	Signaling category can accept no more TNs.
SCH4140	Device must be disabled to permit end link change.
SCH4141	CND package restricted.
SCH4142	CND user should be only user of physical unit.
SCH4143	CND name length exceeds maximum allowed.
SCH4144	Illegal ASCII character.
SCH4145	Attempt to remove name in command NEW.
SCH4146	Cannot find CND data in line block.
SCH4147	YES or NO only legal response to the prompt.
SCH4148	Entry out-of-range (0-127).
SCH4149	Attempt to remove display in command YES.
SCH4150	Display is not configured.
SCH4151	Display is not assigned to this customer.
SCH4152	Entry out-of-range (0-63).
SCH4153	Attempt to remove display group in command NEW.
SCH4154	Group is not configured.
SCH4155	Unable to change name due to name block overflow.
SCH4156	Display is already configured.
SCH4157	Invalid CND display type.
SCH4158	CND display type conflict.
SCH4159	SCTRNTRANS failed.

SCH4160	ICI key is already assigned to area.
SCH4161	Legal ICI key is assigned to area.
SCH4162	Illegal response to area.
SCH4163	Input to area out-of-range.
SCH4164	CND display group does not exist.
SCH4165	CND display group must be entered except PRT.
SCH4166	CND display group out-of-range (0-63).
SCH4167	CND display number must be entered.
SCH4168	CND display number out-of-range (0-127).
SCH4169	CND display group already exists.
SCH4170	Maximum 10 groups entered in one pass.
SCH4171	CND display is not assigned to this customer.
SCH4172	CND display is already assigned.
SCH4173	CND display must be entered except PRT.
SCH4174	Request for CND name memory is too large.
SCH4175	CND link is not configured.
SCH4176	CNDGROUPTBL BLK cannot be created, NIL PTR returns from GET_PDATA_BLK, DISI will not be created.
SCH4177	CND_DISPLAYS BLK cannot be created, NIL PTR returns from GET_PDATA_BLK, DISI will not be created.
SCH4178	CNDMONITORAREA BLK cannot be created, NIL PTR returns from GET_UDATA_BLK, DISI will not be created.
SCH4179	CND display must be disabled to be removed from configuration.
SCH4180	Display is already assigned to attendant.
SCH4181	CND must be removed before CND TTY.

SCH4193	AC15B trunk is still attached.
SCH4194	CMF must be entered for GEC NLC class.
SCH4195	Input value must be EM4.
SCH4196	Input must be A15B.
SCH4197	The NLC trade mark is not GEC.
SCH4198	CLS must be CMF.
SCH4199	Input must be NT or GEC.
SCH4200	CLS of AAA and FNA conflict.
SCH4201	No Authcode table defined for this customer.
SCH4202	VNET route has changed to NON-VNET route. CMFI contained greater than 2 levels of signaling, so it was zeroed.
SCH4203	VNET route has changed to NON-VNET route. ISST has been zeroed.
SCH4204	60 or 70 ms is not supported when TDSO = NO, or 50 ms is not supported when TDSO = YES.
SCH4206	TTY 15 is reserved for HIST file.
SCH4209	BGD or PMS not allowed for user prompt if device is PRT.
SCH4210	Numeric input out of valid range (1-9).
SCH4211	Auto and R2 mode cannot be configured at the same time. Auto takes precedence and R2 mode feature will be turned off.
SCH4212	Empty block is not allowed.
SCH4365	This conference loop is used for AWU.
SCH4500	You must first define the LSC in LD15 before using the TIDY prompt.
SCH4501	Two entries are required for table.
SCH4502	Calling number is out-of-range.
SCH4503	Speed Call List number is out-of-range.

SCH4504 No table SCL pointer.

SCH4505 128 blocks are already configured (for command NEW).

SCH4506 PREO is out-of-range.

SCH4507 Invalid response entered.

SCH4508 Invalid number of parameters entered.

SCH4515 JCO/LST/LNT applies to CO loopstart non-digital trunk only.

SCH4516 M2317 set requires DLT2 package (91).

SCH4517 Package for Caller's Name Display not equipped.

SCH4518 Wrong telephone type.

Action: Set must have a digit display for CNDA/DNDA Class of Service.

SCH4519 M2317: invalid feature for specified key number.

SCH4520 Delta II, soft key feature may not be assigned to programmable keys (0 through 10).

SCH4521 M2317 sets with the data option must have key 10 defined as an SCR DN.

Action: If the data option is being specified for this set (CLS = DTA), key 10 must be defined on the voice TN as an SCR key with the same DN as Data Prime DN (key 0). You cannot assign a feature to this key.

SCH4522 M2317 key is hardwired for handsfree and is not allowed to be defined.

SCH4523 Data DN key cannot be changed in Attendant Administration.

SCH4524 This key feature cannot be defined in Attendant Administration.

SCH4525 Package for Digit Display not equipped, which is required for Caller's Name Display or Dialed Name Display; or NDD Class of Service is not allowed with CNDA or DNDA Class of Service.

SCH4526 Supervisory Console package equipped. BCS stations cannot be allocated to card with attendant assigned.

SCH4527 Supervisory Console package equipped.

Action: Attendant prime TN must be on unit 0 for single density cards. For double density cards, the prime DN must be on unit 0 or unit 4.

SCH4528	Supervisory Console package equipped. Attendant console cannot share card with other stations.
SCH4529	Supervisory Console package equipped. Prime and secondary TN must be consecutive.
SCH4530	Threshold out-of-range (1-255).
SCH4531	Threshold must be greater than or equal to previous threshold.
SCH4532	TN does not exist in LD 15.
SCH4533	Supervisory Console is in Service Observation mode.
SCH4534	SNR package not equipped.
SCH4535	Last Number Redial (LNR) has not been defined in the Customer data block (LD 15).
SCH4536	The size entry for Last Number Redial (LNR) is invalid.
SCH4537	The Class of Service for Last Number Redial (LNR) has not been specified for this set.
SCH4538	This type of Alpha terminal, M2317, or M3000 is not supported by the LNR feature.
SCH4541	The attendant console being assigned as Supervisor is out-of-range (1-63).
SCH4542	Both Busy Lamp Field (BLF) arrays of the customer are already assigned.
SCH4543	The Lamp Field Array option is not assigned.
SCH4549	(SWA) Class of Service cannot be defined without having a Call Waiting key/ lamp pair defined for SL-1 sets.
SCH4550	For 500/2500 sets with Station Loop Preemption (SLP), sets with SWA Class of Service must have Call Waiting Allowed (CWA). Also, SWA is mutually exclusive with Call Waiting Denied (CWD) and Precedence Call Waiting Denied (PCWD).
SCH4551	Hard disk not allowed on units 1 to 3.
SCH4552	OUT or NEW not valid for unit 0.
SCH4553	For M2317 sets, the COS for Message Waiting is denied if the Message Waiting Key (MWK) has not been assigned, since the common audible signaling is not supported.

SCH4554	IO_BLK_PTR not defined; data corruption.
SCH4555	A source cannot be a target for itself.
SCH4556	CPND data block must be removed before the customer data block.
SCH4560	Number of trees must be input (LD 15).
SCH4561	Tree number is out-of-range for LD 15 (0-254).
SCH4562	Tree number is out-of-range for LD 16 (0-254).
SCH4563	Tree does not exist.
SCH4564	A tree number must be input (LD 49).
SCH4565	Tree number is out-of-range for LD 49 (0-254).
SCH4566	Illegal range requested.
SCH4567	Code value out-of-range, range is 100 - 9999.
SCH4568	Internal DN is out-of-range.
SCH4575	Display on Manual Signaling package not equipped.
SCH4576	Invalid response to AC2 prompt in LD 15; HLOC is prompted again. **Action:** Enter numeric input between 100 and 9999.
SCH4577	LSC should be between 100 and 9999.
SCH4578	Four inputs are required for the Busy or OVBU prompts.
SCH4579	Invalid input entered. Invalid Interflow treatment or Busy Tone treatment for originating type. In X11 Release 17, BSY is not accepted for CO, FX trunks.
SCH4580	Cannot change user mode to ISL while B-channels are still configured on associated DCH loops.
SCH4581	Repeat NEW of an ESL TN table in LD 14. CHID is not assigned for ESL trunks using NEW number only first CHID is accepted. Others must be added individually.
SCH4597	Template space for assigned authcode cannot be allocated.
SCH4598	The assigned number entered is not within the valid range.

SCH4599	The assigned authcode entered is invalid.
SCH4600	The ICDR package is restricted.
SCH4601	An ACD station is not allowed an ICDR COS.
SCH4602	MCT package is not equipped.
SCH4603	ACD stations are nor allowed to have MCT feature.
SCH4605	EHTA or EHTD not allowed with MNL COS.
SCH4606	Hot Line package not equipped.
SCH4607	If the station has EHTA COS, then HOT must be entered in response to the FTR prompt.
SCH4608	Hot Line keys disallowed if Hot Line package is not equipped.
SCH4609	EHTA conflicts with LLC1, LLC2, and LLC3. Hot Line keys cannot be assigned to telephones with LLC enabled.
SCH4630	LLC COS cannot be assigned, LLC package not enabled.
SCH4631	Invalid response to LLC prompt (YES or NO).
SCH4632	Invalid threshold value for LLC level (0-100).
SCH4635	Warning: Available UDS is less than 4KW.
SCH4636	Input is not one of PRT, TTY, HDK, FDK.
SCH4640	Billable limits must be within system maximum and minimum.
SCH4641	Billable limits cannot be reduced below current TN to total.
SCH4642	Number of TNs must be between system minimum and billable limits.
SCH4643	Number of loops must be between zero and loop limit.
SCH4644	Customer Night DN cannot be Pilot DN.
SCH4652	ENP package is not equipped.
SCH4653	Display DN does not start with a pilot DN.
SCH4654	DN must not exceed six characters.

SCH4655	NSO number entered is not defined.
SCH4656	PRXL must be equipped.
SCH4657	NGA must be defined.
SCH4658	Out-of-range (0-7).
SCH4659	Invalid input; only 0, 5, 8 or 9 will be accepted as valid inputs.
SCH4660	PRIM/SEC source has already been defined for the clock controller.
SCH4661	No change allowed while active CC is using this source.
SCH4662	Repeat count out-of-range for Signaling Category table; the table would be too full if allowed to proceed.
SCH4664	Removing non-existing Limited Access Password (LAPW).
SCH4665	Attempted loop move between GEC & NT loops.
SCH4667	AFA Class of Service not allowed unless COS FNA.
SCH4668	SARG period 1 start and stop times are undefined.
SCH4669	Private line cannot be used with FTC.
SCH4670	ABCD package is not equipped
SCH4671	ABCD table does not exist
SCH4672	ABCD table already exists
SCH4673	Higher ABCD table number exists.
SCH4674	Input must be 1, 2, 3 or {CR}.
SCH4677	Undesired default function should be mapped to another existing signal.
SCH4678	Cannot change ENA, END, LKA, LKD, UNA, UND, DSA, DSD, or invalid abcd code for send signal.
SCH4679	Receive and send signal inputs do not match.
SCH4680	Already 16 LOG units are configured. No more new devices can be added.
SCH4681	PVR or PVN cannot be assigned as primed DN.

SCH4684	Input out-of-range (1-4095).
SCH4685	Input out-of-range (0-4095).
SCH4687	Option not defined for this feature.
SCH4688	INST digits conflict with ATCD.
SCH4700	FTC package is not equipped. SRC1-SRC8 not allowed.
SCH4701	{CR} only allowed for print.
SCH4702	Table 0 cannot be removed.
SCH4703	Input must be between 256 and 1024.
SCH4704	Mixture of zero and non-zero values not allowed.
SCH4705	No tone tables found.
SCH4706	Input must be 4 or 8.
SCH4707	96 or 128 must be input.
SCH4708	Input must be 50, 60, 70, or 100.
SCH4709	Input out-of-range (0-1).
SCH4710	Duplicate key assigned to attendant console.
SCH4711	Parameter out-of-range (0-9).
SCH4712	Warning: MFC outgoing table will be cleared. Route members should not have MFC Class of Service if there is no incoming MFC table.
SCH4713	Warning: MFC incoming table will be cleared. Route members should not have MFC Class of Service if there is no outgoing MFC table.
SCH4725	LMM response forced for STAR if DN exist for ATDN or MNDN.
SCH4726	If AUTO is set and TKTP is TIE, SIG cannot be ESN3.
SCH4727	Pointer for shown PRI loop is NIL.
SCH4728	Minimum value must be specified when the NSF or IFC of the ISA is changed.
SCH4729	Input must be provided for DCH DTE or DCE.

SCH4730 Unable to allocate memory for new DCH.

SCH4731 Device configured as a DCHI or BCHI.

SCH4732 Cannot remove the D-channel when B-channel is still defined for loops associated with this D-channel.

SCH4733 Unable to allocate memory for new backup DCH.

SCH4734 Cannot out backup DCH while the backup D-channel loop (BCHL) still has B channels configured.

SCH4735 Cannot out backup DCH. There was a problem with memory allocation.

SCH4736 ISL trunks still exist. Cannot out DCH.

SCH4737 A D-channel which has a backup DCH configured is not allowed to execute the move command.

Action: Start over to remove DCHI by entering X at DCHI and X at BCHI, then enter X at DCHL and X at BCHL, all on the same pass. Alternatively BCHI and BCHL may be removed on a preceding pass, then DCHI and DCHL may be removed subsequently.

SCH4738 Only DCH in PRA mode are allowed to be moved.

Action: Start over to remove DCHI by entering X at DCHI, then enter X at PRI for each PRI loop that is associated with the DCHI, all on the same pass. Alternatively the associated PRI loops may be removed on a preceding pass, then DCHI and DCHL may be removed subsequently.

SCH4739 Customer need to be equipped with PRA to configure LDN or PDN Class of Service for the set.

SCH4740 All DCH and PRI loops must be disabled for the move.

SCH4741 The IO card type is not allowed for the backup D-channel

SCH4742 Loop cannot be deleted when configured with DCH.

SCH4743 Warning: Frame format should not be changed when the loop is associated with a DCH link.

SCH4744 Port is defined as BCHI.

SCH4745 Warning: Parameter should not be changed when the loop is configured with a DCH.

SCH4746	Cannot select the loop for DCHL or BCHL because the D-channel (24 for PRI, 31 for PRI2) is set as a B or A/B channel.
SCH4747	BCHI is defined as DCHI.
SCH4748	Cannot remove undefined DCH channel (DCHI or BCHI).
SCH4749	Parameter can be changed only when the DCHI link is in reset status.
SCH4750	64K clear can be selected only when LCMT is B8S.
SCH4751	DCHL must be defined for DCHI when USR=PRA/SHA. **Action:** Start over to define DCHI. DCHL must not be removed while corresponding DCHI exists; start over to remove DCHL by entering X at DCHI, then on the same pass enter X at DCHL.
SCH4752	Warning: IFC should not be changed when any of the channels of the configured loops (DCHL, BCHL and/or PRIs) are configured.
SCH4753	Loop configured as DCHL or BCHL.
SCH4754	BCHI is not defined while BCHL is.
SCH4755	BCHL must be defined for BCHI when USR=PRA/SHA. **Action:** Start over to define BCHI. BCHL must not be removed while corresponding BCHI exists; start over to remove BCHL by entering X at BCHI, then on the same pass enter X at BCHL.
SCH4756	Selected loop is not configured as a PRI or PRI2 loop.
SCH4757	PRI sequence number is not available.
SCH4758	Loop is already configured with a DCH link.
SCH4759	DCHL must be defined for new link.
SCH4760	DCHL, BCHL or PRI loop is not defined.
SCH4761	Loop number not associated with DCHI number/BCHI number.
SCH4762	Analog route cannot be PRA.
SCH4763	Yellow alarm was changed to DG2 because the frame format was changed to other than ESF.
SCH4764	Cannot configure DCH when the other port on the card is not configured as TTY

SCH4765 Loop number must be given with the sequence number.

SCH4766 Loop can be removed only when none of its channels are configured for B-channel signaling.

SCH4767 The loop number has already been used by this DCH.

SCH4768 BCHI must have different value from DCHI.

SCH4769 There is at least one ISDN route. PRA = NO is not allowed.

SCH4770 HNPA, HLOC and HNXX must be given for new customer.

SCH4771 Code value out-of-range (100-999).

SCH4772 Customer need to be equipped with PRA (LD 15) to configure ISDN route.

SCH4773 Cannot set ISDN to NO while ISAR = YES or B-Channels are configured for the route.

SCH4774 STEP to ISA route is not allowed.

SCH4775 Warning: IFC must be changed for service route in conjunction with ISA routes and IFC for the DCH link.

Action: IFC must be changed for the DCH first and then changed for the ISA routes which have channels from the PRI loops of the DCH. Finally, change the IFC for the service routes.

SCH4776 ISA route is not defined.

SCH4777 Route type is not ISA.

SCH4778 ISA route must be defined first.

SCH4779 Warning: Must define LDN0: required for ISDN PRI DID service The length of LDN0 determines the number of trailing digits translated as the dialed DN on PRI DID routes.

SCH4780 To change NSF, all routes associated with the ISA route must be service changed to update the NSF parameters (i.e. MIN and MAX) associated with them.

SCH4781 Minimum number of calls must be specified.

SCH4782 Maximum number of calls must be specified.

SCH4783 The minimum value is greater than the maximum value.

SCH4784	Expecting 3 digits.
SCH4785	ISA route has no trunks (channels).
SCH4786	The sum of the MIN for all routes which access the ISA route exceed the number of configured trunks for the ISA route. If outing ISA trunks, the service route minimum/maximum values must be re-entered.
SCH4787	DSI is not applicable for ISDN routes.
SCH4788	PRI loop is not configured with D-channel (DCHI) to provide B-channels.
SCH4789	ISA route may not be selected.
SCH4790	DTI loop channels cannot be configured for ISA routes or digital ISDN routes with B-Channel signaling for the channels (trunks).
SCH4791	D-CH master header part is NIL.
SCH4792	IFC for DCH/PRA does not match IFC of the route.
SCH4793	Selected Channel is configured for D-channel signaling.
SCH4794	IFC for service route do not match IFC for ISA route.
SCH4795	Trunk TYPE is not allowed with PRI loop.
SCH4796	PRI loop can be moved to PRI loop only.
SCH4797	TDET cannot be defined in a superloop.
SCH4798	Card density (DENS) must be defined. **Action:** Enter SDEN for single SDI ports (on CPU cards), DDEN for two port SDI cards (QPC139), QDEN for four port SDI card (QPC841/NT8D41).
SCH4799	Cannot move or swap data from or to service card (Fiber Interface card) of the superloop. Input card number is service card number.
SCH4800	Input source or destination shelf number is not defined in the NT8D shelf configuration.
SCH4801	Invalid starting target unit (STUN) input.
SCH4802	Source and destination card types are not the same.

SCH4803	Cannot move or swap different source Controllers (NT8D01) to the same destination Controller.
SCH4804	Cannot move different source SD/DD/QD cards to the same destination Controller (NT8D01) with the same starting target unit (STUN) more than once.
SCH4805	Cannot move or swap the same source segment more than once.
SCH4806	Cannot move or swap different source segments to the same destination segment.
SCH4807	No shelf is defined in configuration for this superloop.
SCH4808	Too many cards are currently configured on the source or destination shelf.
SCH4809	Too many shelves are currently configured on the source or destination loop.
SCH4810	Cannot move or swap shelf from SD/DD/QD to superloop shelf.
SCH4811	Starting segment input does not belong to the destination superloop shelf.
SCH4812	No non-service card is defined on the source or destination segment.
SCH4813	Too many cards are configured on the source segment for a move or swap operation.
SCH4814	The input segment number does not belong to the given superloop shelf.
SCH4815	Cannot move off-premise extension (OPX) data to Controller (NT8D01).
SCH4816	Cannot move or swap SD/DD/QD loop data to superloop.
SCH4817	No shelf is defined for both superloops.
SCH4818	No shelf is defined for destination superloop.
SCH4819	No shelf is defined for source superloop.
SCH4820	No shelf is defined for the source or destination superloop.
SCH4821	Cannot move data from Digital Link Interface (DLI) loop to superloop.
SCH4822	Destination segment number needed.
SCH4823	Source card is empty, nothing to move.
SCH4824	Invalid shelf number for Network/DTR (NT8D18) loop.

SCH4825	For Network/DTR (NT8D18 card) loop. Slot 15 is reserved for Digitone Receiver
SCH4826	Cannot move or swap data from superloop to SD/DD/4D loop.
SCH4827	Cannot move or swap SD/DD/QD loop to superloop.
SCH4828	Cannot move or swap card and shelf data of superloop to another superloop in the same move/swap operation.
SCH4829	Cannot move SD/DD/QD card data other than PBX and ISDLC to controller.
SCH4830	Card input does not belong to given superloop and shelf.
SCH4860	The Announcement table cannot be changed printed or removed if it is not configured. **Action:** Please check AANN configuration.
SCH4861	AANN table already exists. **Action:** Please check AANN configuration.
SCH4862	AANN does not exist. **Action:** Please check AANN configuration
SCH4863	The PSTN option is valid on MCDN trunk routes only. **Action:** Check if this route is an ISDN route and IFC type is type os SL1.
SCH4864	ATAN cannot be enabled when no Attendant Announcement profiles are configured in OL 56. **Action:** Load OVL 56 and configure AANN section.
SCH4865	AANN Table is not configured or is out of range. **Action:** Check range type and enter again.
SCH4866	Call Answer Forced has been activated on this route.
SCH5000	Code value is out-of-range (0-9999).
SCH5001	Must respond YES to NFCR prompt before responding YES to IDCA prompt.
SCH5002	This feature is not applicable to New Meridian Modular Telephones.
SCH5003	Message waiting key (MWK/XMWK/RMWK) requires Message Waiting Allowed (MWA) Class of Service.

Action: Define CLS MWA before configuring MWK/XMWK/RMWK keys.

SCH5004 Message Intercept (MIN) package not equipped.

SCH5005 Cannot OUT a Frequency Cadence (FCAD) entry.

SCH5006 Cannot change an FCAD table without a Conference/TDS/MFS card (NT8D17)

SCH5007 FCAD table entry already exists.

SCH5008 FCAD table entry has not yet been defined.

SCH5009 {CR} is not allowed for new FCAD tables.

SCH5010 A cycle defined to repeat was not defined as a cycle in the cadence field. No changes were made to the FCAD entry as the result of this error.

SCH5011 The number of Tone Codes must match the number of defined cycles in the cadence field. No changes were made to the FCAD entry.

SCH5012 FCAD entries 1 to 15 are reserved for ring tones and can be changed only though MCAD entries 1 to 15.

SCH5013 ACD keys and CCSA Class of Service are incompatible. A set is not allowed to have both.

SCH5014 Your MCAD ON phases must be greater than 13, for the 128 ms ROM configuration. The 96 ms ROM configuration must have a value greater than 9.

SCH5015 The Network/DTR Card software not found on disk.

Action: Get the disk with the proper Network/DTR software version.

SCH5016 The Timed Forced Disconnect timer is not applicable to this route type.

SCH5017 The Release ID for this DCH block was listed as 0 when printing the configuration record. Call Processing will not work with a null value, or value of 0. See prompt RLSID in LD 17.

SCH5018 Cannot move or swap data into TN 0 (loop, shelf, card and unit all equal to 0).

SCH5019 Automatic Answerback (AAK) key or Automatic Answerback Allowed (AAA) Class of Service can only be assigned to digital sets with Hands Free Allowed (HFA) Class of Service. Hands Free Denied (HFD) Class of Service is not allowed when AAA Class of Service or AAK key is defined.

SCH5020 EOD string does not match the length defined in STRL.

SCH5021	Requires IPE package number 203. **Action:** Configure IPE package 203.
SCH5022	Maximum Peripheral Equipment density is not octal (8D).
SCH5023	BOSS is not an acceptable response when set is already a Secretary set.
SCH5024	SEC is not an acceptable response when set is already a BOSS set.
SCH5025	Too many input fields in response to SFDN prompt.
SCH5026	The Superloop RAN trunk support only Audichron machine types.
SCH5028	Data cannot be moved from or to PRI/PRI2 loops.
SCH5029	Warning: The service route does not have any dedicated trunks. The trunk members are in associated ISA route.
SCH5030	DIG cannot be defined for this set. Set is already defined with AGTA Class of Service or is configured as an ACD agent set.
SCH5031	Enhanced Hotline Allowed (EHTA) cannot be defined for this set. Set is already configured with AGTA Class of Service.
SCH5032	CCSA cannot be defined for this set. Set is already configured with AGTA Class of Service.
SCH5033	AGTA Class of Service cannot be defined unless ACD package A is equipped.
SCH5034	AGTA cannot be defined for this set. Set is already configured with DIG.
SCH5035	AGTA cannot be defined for this set. Set is already configured with CCSA Class of Service.
SCH5036	AGTA cannot be defined for this set. Set is already configured with EHTA Class of Service.
SCH5037	Define AGTA Class of Service to make set eligible for ACD
SCH5038	Set not defined for ACD.
SCH5039	Already configured with AGTA service. Set can only be defined as a single appearance DN.
SCH5040	Already configured as a multiple appearance DN; set cannot have AGTA defined

SCH5041	The ACD Agent set cannot be changed to an ACD Supervisor set. **Action:** To change an ACD Agent set into an ACD Supervisor set: 1. Remove the supervisor reference for that set. 2. Remove the SPID for that Agent. 3. OUT the corresponding AGT key on the Supervisor's set.
SCH5042	The ISDN Signaling Link can only be configured with ISA or TIE routes.
SCH5043	You are not allowed to set up a QTHM for an Inter Attendant call.
SCH5044	**Action:** Use COPY command in LD 10 to define more than one 500/2500 set as an ACD station.
SCH5045	500/2500 sets cannot be used as Virtual Agents.
SCH5046	The In-Band Automatic Number Identification (IANI) route needs to be an auto-terminating route.
SCH5047	A route cannot be defined as both IANI and DNIS.
SCH5048	This ISDN route cannot be configured for In-Band ANI.
SCH5049	An In-Band ANI route cannot support digit insertion.
SCH5051	In-Band ANI routes are STD routes only.
SCH5052	POVR package must be equipped.
SCH5053	CPTA must have WTA (Warning Tone Allowed) Class of Service.
SCH5055	Set already configured for AGTA service; cannot be configured for XHA Class of Service.
SCH5056	Set already configured for AGTA service; cannot be defined with PRMA.
SCH5057	Set already configured with XHA service; cannot be defined with AGTA.
SCH5058	Set already configured with PRMA service; cannot be defined with AGTA.
SCH5059	Set already configured with MCTA service; cannot be defined with AGTA.
SCH5060	An analog route is required.
SCH5061	Warning: The ITG Option was not turned on. It is turned on here.

SCH5062 Stepping to an ISA SERVICE route is not allowed.

SCH5063 The ISAR option cannot be changed to YES, because the trunk has dedicated routes.

Action: Remove all dedicated routes from that trunk.

SCH5064 Dedicated trunks cannot be assigned to an ISA SERVICE route unless the ISAR option is turned off first.

SCH5065 SCL was not the response to the TYPE prompt when REQ was COMP. Only Speed Call lists are estimated. Use SCL for both regular and system speed call.

SCH5066 Disk record availability estimation cannot be performed.

Action: Ensure that a data dump has been executed through LD 43 since the last system reload, and that FTYP has been specified by following the ADAN CHG HDK/FDK 0 sequence in LD 17.

SCH5067 CDN cannot be allowed to have agents.

SCH5068 500/2500 PBX sets used as ACD sets can only have single appearance regular DN.

SCH5069 The number of TNs in the system is greater than the limit. You may need new disks with new TN limits.

SCH5070 The number of ACD Agents/Supervisors in the system is greater than the limit. You may need new disks with new ACD Agent/Supervisor limits.

SCH5071 The number of ACD DNs and CDNs in the system is greater than the limit. You may need new disks with new ACD DN limits.

SCH5072 The number of AST sets in the system is greater than the limit.

Action: To expand, you will need to order new disks with new AST set limits.

SCH5073 CDN cannot be defined for NSV key.

SCH5074 BIMP and TIMP are mismatched. See prompt TIMP in LD 14 for allowed combinations of BIMP/TIMP.

SCH5075 Service not implemented in this IFC.

SCH5076 Warning: Templates are at the limit.

Action: Contact the service representative before proceeding.

SCH5077 Out WATS band number is invalid (only 0 - 9 are valid).

SCH5078 Key 0 cannot be configured as a Wake Up key.

SCH5079 Invalid DN type on key 0 for a Wake Up key. Valid DN types include MCR, SCR, MCN, SCN, PVR, and PVN.

SCH5080 A Wake Up key cannot be configured on a data set. CLS must be for a VCE data terminal.

SCH5081 CLS must be CCSA to configure a Wake Up key.

SCH5082 The Wake Up key must be removed before changing CLS to CCSD.

SCH5083 Input out-of-range 1 - 3 for TAWU (the number of tries for an unanswered Wake Up call.

SCH5084 Peripheral equipment exists on the loop.

SCH5085 ECA Class of Service is only acceptable on 4-wire type E & M trunks or SS7 trunks with proper variant.

SCH5086 The responses EXR0/EXR1/EXR2/EXR3/EXR4 are not allowed if the Executive Distinctive Ring feature package #185 is not equipped. CLS is re-prompted. The response DR DA/DRDD for MMT sets is not allowed if the Executive Distinctive Ringing Package #185 is not equipped. CLS is re-prompted.

Action: Equip Package 185 and re-load if Executive Distinctive Ringing or Distinctive Ringing by DN is required.

SCH5087 Do not use MOV or SWP commands when PRI/PRI2 loops are configured with backup DCH.

SCH5088 SDAL option in LD 15 is only allowed when PRETRNS and SUPP packages are equipped.

Action: Set up SDAC data in LD 18.

SCH5091 CLS ECA is only used on 4-wire E & M trunks.

SCH5092 Flexible attendant Call Waiting Threshold (FCWT) values on the tenant level are set equal to the customer level values.

SCH5093 This trunk does not have MFC Class of Service (LD 16).

SCH5094 The outgoing table’s signaling type does not match the incoming signal type [LD 16]

SCH5095	L1 levels 1 through 6 do not exist (LD 94).
SCH5096	You cannot remove the L1 levels 1, 2, or 3 (LD 94).
SCH5097	L1 levels 4, 5, and 6 have been removed (LD 94).
SCH5098	You are trying to use an invalid L1 signaling level (LD 94).
SCH5099	You cannot do that with the L1 package because it is restricted (LD 94).
SCH5100	You cannot allocate PDS for an SS table (LD 94).
SCH5101	L1 levels 1 and 2 must be defined in order to create an L1 table (LD 94).
SCH5102	L1 levels 4, 5, and 6 must be defined (LD 94).
SCH5103	Conflicting table types encountered (LD 94).
SCH5104	That input (CNA, CND) is ignored because it does not match the CCNI in the L1 route block (LD 14).
SCH5105	Removing the MGC Class of Service also removes the L1 CNI option for this trunk (LD 14).
SCH5106	There is no unprotected memory available for changing the UTRKBLK for CCNI.
SCH5113	Language number entered is out-of-range (0) - 5.
SCH5114	Input must be “256” or “384.”
SCH5115	Force Disconnect has failed. **Action:** Contact your technical support group.
SCH5116	Remove Wake Up key before changing to a data set.
SCH5117	DRPA/DRPD can only be configured on 2.0 Mb/s DID if SUPP and DTI2 are enabled.
SCH5118	The Virtual Network Services (VNS) package is not equipped.
SCH5119	That Virtual Network Service (VNS) data block already exists.
SCH5120	That VNS data block does not exist.
SCH5121	That DN input for Virtual Network Services is not allowed.
SCH5122	That DN is out-of-range.

SCH5123 c rl rli	That D-channel is already being used by the previous customer in Virtual Network Services. Where: c = Customer number rl = Route List rli = Route List index
SCH5124 n	The customer needs more channel IDs for Virtual Network Services (VNS). Required channels are dedicated in LD 79. Where: N = minimum Number of DNs required.
SCH5125	The customer has no D-channel IDs for Virtual Network Services (VNS).
SCH5126	The customer needs more D-channel IDs for Virtual Network Services (VNS).
SCH5127	You are not allowed to put data TNs on a Voice Only ISDLC card.
SCH5128	You are attempting to move a pair of TNs on a Voice Only ISDLC card.
SCH5129	You are attempting to move a pair of TNs on a Voice Only ISDLC card.
SCH5130	The customer number for that Data TN is not the same as the customer number for the Voice TN.
SCH5131	Entering the {CR} is not allowed in response to the PRT or TASK prompts.
SCH5132	The Maintenance threshold must be greater than or equal to the Out-of-Service threshold.
SCH5133	The Maintenance threshold must be less than or equal to the Out-of-Service threshold.
SCH5134	RPA package 187 is not equipped.
SCH5135	Invalid input; RPCD/RPS/RPAX/TBL expected.
SCH5136	Cannot end input with space.
SCH5137	TBL only valid with command CHG/PRT.
SCH5138	RPCD only valid with command NEW/CHG/PRT.
SCH5139	No RPA data exists for this customer.
SCH5140	This system number is used for PSA code(s).

SCH5141	RPCD data already exists.
SCH5142	No RPCD data exists.
SCH5143	No DN-PSA data exists.
SCH5144	CR only valid for PRT command.
SCH5145	System number out-of-range (0-15).
SCH5146	RPS data already exists.
SCH5147	No RPS data exists.
SCH5148	CR only valid for command PRT with RPS/RPAX/TBL.
SCH5149	Invalid input, SPCH, DIAL, or NONE expected.
SCH5150	Cannot change to single if more than system 0 exists.
SCH5151	Invalid input; TAB,TWO,THR, FOR, or NO expected.
SCH5152	Warning: no RPS data found.
SCH5153	Out-of-range (0-20).
SCH5154	Out-of-range (0-120).
SCH5155	Out-of-range (4-30).
SCH5156	Out-of-range (1-7).
SCH5157	Cannot change PSAL when DN-PSA tree exists.
SCH5158	{CR} only valid for CHG command.
SCH5159	Out-of-range (0-630).
SCH5160	Out-of-range (10-630).
SCH5161	Warning: no PSA defined for this system.
SCH5162	Not an FFC DN.
SCH5163	All digits in the DN are not used.
SCH5164	Not an RPAX FFC.

SCH5165	No RPA data for this FFC.
SCH5166	RPA data already exists.
SCH5167	Out-of-range (0-127/511).
SCH5168	Non-existing route number.
SCH5169	Route not set up for RPA.
SCH5170	Route not set up as RAN.
SCH5171	Invalid input; MANU or AUTO expected.
SCH5172	Out-of-range (0-9).
SCH5173	Out-of-range (0-7).
SCH5174	Invalid input; NONE, SPCH, or RNGB expected.
SCH5175	Invalid input; BOTH/INT expected.
SCH5176	Only four characters allowed as RPAX FFC replacement.
SCH5177	Invalid characters, A-Z or 1-9 expected.
SCH5178	Too many digits in PSA code.
SCH5179	No PSA code has been entered.
SCH5180	Too few digits have been entered for the PSA code.
SCH5181	The DN does not exist in the DN-PSA tree.
SCH5182	Invalid input; DNP, UPS, or NPS expected.
SCH5183	Second DN has to be larger than the first DN.
SCH5184	RPS block does not exist.
SCH5185	Warning: no customer with RPCD data.
SCH5186	Warning: no customer with RPS data.
SCH5187	Warning: no RPAX FFC found.
SCH5188	Warning: no RPAX data found.

SCH5189	Warning: no customer with DN-PSA tree.
SCH5190	Warning: no system number found.
SCH5191	Warning: the specified DN was not found.
SCH5192	Warning: no DN found for this system.
SCH5193	Customer not set up to use DN-PSA tree.
SCH5194	No FFC tree for this customer.
SCH5195	Leading space is not allowed.
SCH5196	Corruption in the FFC/DN-PSA tree.
SCH5197	Not allowed to run LD 58 as midnight routine.
SCH5198	This system number is used for RPAX FFC(s).
SCH5199	An invalid internal DN has been entered for the CFW key. The entered DN is either a normal DN, or FFC+DN. The validation is done for both CFXD and CFXA classes of service.
SCH5205	You are trying to include an undefined KLS in the Ringing Change KLS range.
SCH5207	IAMA and IRGA Class of Service cannot coexist.
SCH5208	The COPY command is not allowed for IAMA class telephone sets.
SCH5209	The OUT command is not allowed when IRGA or IAMA Class of Service is defined.
SCH5210	Require EES package 10 to configure a key on an Attendant Console.
SCH5211	Cannot disable AWU feature when RANF trunks are still defined. **Action:** Remove trunks and try again.
SCH5212	Cannot disable AWU feature when RAN1 trunks are still defined. **Action:** Remove trunks and try again.
SCH5213	Cannot disable AWU feature when RAN2 trunks are still defined. **Action:** Remove trunks and try again.
SCH5218	The On Hold On Loudspeaker (OHOL) package 196 is not equipped.

SCH5219	The DN assigned here must be an OHOL unit.
SCH5220	OHOL DN can only have one 2/500 set appearance in DN group.
SCH5221	Set with CLS = SPKA must enter valid Conference loop number on prompt DCLP.
SCH5222	ADL/CFW exceeds the maximum length of the template.
SCH5223	Ringing Change and ACD are not allowed on the same set.
SCH5224	Cannot move or swap 0L1_loop equipment to RPE2_remote_loop.
SCH5225	RPE2 loop must be disabled.
SCH5226	RPE2 loop must be disabled.
SCH5227	Unit types R232 and R422 are only allowed on Superloops. **Action:** Define R232 and R422 on a Superloop.
SCH5228	Data port number is out-of-range. **Action:** Define R232 and R422 units as 0 - 5.
SCH5229	Invalid feature key assignment. **Action:** Refer to key definitions for LD 11.
SCH5230	Data port interface mode does not match the database configuration. **Action:** Check data port jumper selection against the database configuration.
SCH5231	Invalid input for this operational parameter. Corrective action depends on the operation attempted.: AUTB, DEM, DLNG, KBD, WIRE or PBDO.
SCH5232	Key 7 is reserved for MSB feature. PBDO feature is currently enabled.
SCH5233	Call Pickup not allowed on Data Access Card (DCA) ports.
SCH5234	No timing Call Register available for parameter uploading. **Action:** Repeat procedure and if problem persists contact the system administrator.
SCH5235	Cannot move Superloop data on a customer basis.
SCH5236	Not allowed to move non-Data Access Card units to a Data Access Card.

SCH5237	The characters entered for the ID prompt exceed the range allowed. **Action:** Limit the string to no more than 16 characters.
SCH5238	Group list does not exist.
SCH5239	Group list already assigned.
SCH5240	Group Call DN in FFC must be removed first.
SCH5242	In the ICP block, you are trying to remove a TN that does not exist.
SCH5243	Setting the increment value to zero does not change the threshold counter. Your system operation may not tolerate this event. **Action:** It is recommended that the increment value be set to a value other than zero.
SCH5244	Setting the decrement value to zero does not change the threshold counter. Your system operation may not tolerate this event. **Action:** It is recommended that the decrement value be set to a value other than zero.
SCH5245	Warning: Only the spare loop is left in RPE2 group.
SCH5246	Hospitality package not equipped.
SCH5247	Class of Service MRA required for HSPA.
SCH5248	Class of Service CCSA required for HSPA.
SCH5249	Class of Service HSPA and XFA are exclusive.
SCH5250	Class of Service HSPA and Conference are exclusive.
SCH5251	Class of Service HSPA and multiple appearance directory numbers are exclusive.
SCH5252	Hospitality room set data cannot be modified (or removed) while the room is occupied.
SCH5253	CLS AOS/DOS is only available to sets with CLS SPV.
SCH5254	Hospitality primary DN key must be SCR or SCN.
SCH5255	DTN is required for Fax Server operation.

SCH5256	CAW,FBA, and FNA are not compatible with Fax Server operation.
SCH5257	CFW is not compatible with Fax Server operation.
SCH5259	Branch release failed.
SCH5260	Length of Hospitality Authcode is limited to 4 digits.
SCH5261	DID-DN conflicts with existing one in Hospitality tree.
SCH5262	Another Hospitality tree already exists for this customer.
SCH5263	Data modification is denied while patient is in the room.
SCH5264	MOV command is denied for a Hospitality tree.
SCH5265	All tree branches must be released before an OUT or RPL request can be processed for an Hospitality tree.
SCH5266	Hospitality Authcode must be defined in Authcode table first.
SCH5267	Tree table 0 is not allowed for a Hospitality tree.
SCH5268	The International Supplementary Features (SUPP) package 131 is not equipped.
SCH5269	The UK package 190 is not equipped.
SCH5270	That is an invalid trunk type for XCOT, XDID, or XFEM. Valid trunk types are listed here: XCOT = CO trunks; XDID = DID trunks; XFEM = MUS, PAG, RAN, and TIE trunks.
SCH5272	XUTJ does not support 900 or 1200 Ohm termination.
SCH5273	Input out-of-range for make-break ratio (50 - 70).
SCH5274	Both ND1 and ND2 were included in the capability list for the remote switch. ND1 and ND2 specify the protocol to be used for Network Name Delivery. Only one protocol can be used per interface.
SCH5276	RANF, RAN1, RAN2, LA11 through LA52 cannot be changed during an AWU call. Updates not saved. **Action:** Try again after AWU call is finished.
SCH5278	JDID is only valid for Japan DID on XUT.
SCH5279	TYPE must be 2008.

SCH5280 In procedure init_levelblk or traverse_idctree of sccndse2, value of global variable idc_cur_level is invalid. IDC_cur_level must be greater than -1 and less than .idcmaxsize (4 or 7).

SCH5281 In procedure init_levelblk sccndes2, blk_size of current NFCR/IDC block is less than 3. Data may be corrupted.

SCH5283 In procedure in_dcno of sccndse3, idc_no_trees: cdataptr[sccustno] = nil. Use LD 15 and specify the maximum number of idc tree in the customer data block (CDB) in order to create any idc tree in this load.

SCH5285 In procedure in_dcno of sccndse3, input for idc tree number is out-of-range.

SCH5286 Invalid DN type.

SCH5288 In procedure traverse_idctree of sccndse2, a CPND name for idc is found, and therefore the CPND data block cannot be removed.

SCH5289 In procedure in_dcno of sccndse3, the current idc tree is not yet created.

Action: Create idc tree in LD 49 (scfcr).

SCH5290 In procedure a_or_save_1stdgt, L_or_save_dn, check_idc_type, in_dc_idc, range_or_done, or save_dn of sccnd3, invalid or undefined idc input is detected.

SCH5291 In procedure intype of scfcrse2, command rls (release) and rpl (replace) are blocked for idc type.

SCH5292 Type CDN cannot be selected without the EAR package being equipped.

SCH5293 CDN must exist for CHG, OUT or PRT command.

SCH5294 Unable to find a CDN block.

SCH5295 CDN already exists.

SCH5296 ACD data block for CDN must exist. Data corrupted. Do a sysload.

SCH5297 Specify an ACD-DN for the default DN of CDN.

SCH5298 CDN conflict.

SCH5299 A valid local ACD DN must exist for the default ACD DN of the CDN.

SCH5300 Invalid DN type. Must specify an ACD-DN for the default DN of the CDN.

SCH5301 TSFT value is out-of-range (0-510).

SCH5302 This ACD-DN cannot be deleted because it is used as the default DN for some CDNs.

SCH5303 Invalid DN type. Must specify a CDN for the CDN type and an ACD-DN for the ACD or NACD type.

SCH5304 Cannot remove a CDN with calls still in queue.

SCH5305 Cannot define a CDN as OVDN.

SCH5306 Cannot have a Target DN as CDN.

SCH5307 Cannot remove a CDN if a supervisor has a DWC key defined for the CDN.

SCH5308 In procedure copy_tree of scfcrse3, “MOV” command cannot copy CPND names from originating tree to designated tree since the CPND data block for the designated customer is not yet created in LD 95 (sccnd).

SCH5313 Warning: CNTA CLS is only allowed for ACD sets with DN on key 0.
CNTD is used.

SCH5314 A six-digit or 10-digit level screening data is required for a newly defined NPA or NXX, respectively.

SCH5316 The peripheral buffer card is bad, but there is no active call, so the trunk is allowed to be removed.

Action: Replace the peripheral buffer card.

SCH5317 Outing the DCHI used for DPNSS is not allowed until the DDSL block is removed first.

SCH5318 MBG out-of-range 0-65535

SCH5319 MBG1 is reserved for Public Network

SCH5320 BSGC out-of-range 0-65535

SCH5322 MBGS out-of-range 0-65535

SCH5323 NTBL out-of-range 0-63

SCH5324 The addition of the list being created would overflow/fill the estimated remaining disk space. The list is not stored.

Action: Create a smaller (DN or length) list, or delete other PDS equipment, or data dump to reduce the number of records estimated.

SCH5325	Warning: Multi-Language I/O Package, package 211 must be turned on to use a language other than English.
SCH5326	1.5 Mb/s DTI/PRI pad category table does not exist. **Action:** Create a pad category table using LD 73.
SCH5327	PRI2 pad category tables cannot be used with DTI2 trunks. **Action:** Enter a DTI2 pad category table
SCH5328	Port classification PRI is only allowed for 1.5 Mb/s PRI routes.
SCH5329	International 1.5/2.0 Mb/s Gateway (GPRI) package 167 is restricted.
SCH5330	Code value entered is not allowed for DTI2 trunks. Valid values are: 0,1,2,3,4,5,6,8,10,15,16,17,18,20,25, and 26.
SCH5331	The pad category table specified cannot be used with PRI2 trunks because DTI2 trunks are currently using this pad category table.
SCH5332	Valid DN required for AUDN.
SCH5334	Not allowed to configure different member of the same group or same member of the same group on different keys for same TN.
SCH5335	Trunk install package is restricted.
SCH5336	Invalid input for the trunk model option.
SCH5337	Invalid input character for selecting the trunk model option. Not allowed with autodial DN.
SCH5338	Null input is not allowed for MODL prompt.
SCH5339	Model number is out-of-range (1-127).
SCH5340	Space is not allowed after input is entered.
SCH5341	Space is not allowed before input.
SCH5342	The entered number has been used to define a model trunk.
SCH5345	No default value for new device.
SCH5346	Port must be disabled before changing.
SCH5347	Baud rate invalid.

SCH5348	Analog Private Network Switching System (APNSS) channel ID has reached its limit.
SCH5349	Call forward features are not compatible with FAXS feature. FTR CFW has been removed and/or CLS FNA, FBA, CWA, CFTA, CFXA have been set to FND, FBD, CWD, CFTD, CFXD.
SCH5350	FAXS package is not equipped.
SCH5351	Cannot remove a CDN when it has default calls in its default ACD-DN.
SCH5352	Model ACD sets cannot have a POS ID assigned to a key.
SCH5353	Model sets cannot have a DN assigned to a key.
SCH5354	Model sets cannot be defined with the AINS package unequipped.
SCH5355	Models cannot be defined for this type.
SCH5356	Model sets cannot be moved or copied.
SCH5357	Model number is out-of-range.
SCH5358	Model set already exists.
SCH5359	Model set does not exist.
SCH5360	First Number DN conflicts with an existing DN.
SCH5361	Too many digits in the First Number DN.
SCH5362	Cannot remove an ACD-DN when the ICPM is monitoring it for statistics.
SCH5363	Invalid Attendant Overflow DN type. CDN can not be allowed to be an AODN.
SCH5364	All digits must be in the range 0-7.
SCH5366	Protocol group already exists.
SCH5367	Protocol group does not exist.
SCH5368 x	Protocol group x cannot be removed. **Action:** Remove the DSL associated with this protocol and try again.
SCH5369	Multi-purpose ISDN Signaling Processor (MISP) has already been enabled.
SCH5370	Multi-purpose ISDN Signaling Processor (MISP) does not exist.

SCH5371	Not a PRI/PRI2 loop or card.
SCH5372	I/O polling table is full.
SCH5373	Cannot obtain MSDL/MISP index, table is full.
SCH5374	Warning: B-channel is not configured for packet data transmission.
SCH5375 l ch	This PRI/PRI2 loop or card channel cannot be used for the BD nailed-up connection. The next line can be in a format of either: 1. NO CH AVAIL IN LOOP l, or 2. TRY x If output is format 1, there are no more B-channels available for a nailed-up connection on PRI loop. PRI is re-prompted and another loop can be entered. If output is format 2, channel x is available (enter x at the CH prompt to use this channel).
SCH5376	The number of DSL in the system exceeded the limit.
SCH5377	Card must be disabled for the change request or this is not an MISP card.
SCH5378	This is not an MISP loop.
SCH5379	Maximum of 4 cards allowed per MISP.
SCH5380	Warning: You will not be able to configure DSL7 of this card because D-channel is configured for packet handler.
SCH5381	Must be a superloop.
SCH5382	Card must be disabled and all DSLs must be removed to out the card.
SCH5383	BRI line card already exists.
SCH5384	BRI line card does not exist.
SCH5385	Non BRI card is not allowed.
SCH5386	Must be a DSL TN.
SCH5387	Disable the BRI line card to before configuring its DSL.
SCH5388	All DSLs must be removed to change the card type.
SCH5389	DSL out-of-range (0-7).

SCH5390	DSL data block does not exist.
SCH5391	DSL data block already exists.
SCH5392	B-channel packet data option is not enabled. Must be configured in MISP.
SCH5393	Warning: Make sure the call type matches the DN and TSP.
SCH5394	At least one call type must be defined (VCE, DTA, or PMD).
SCH5395	System contains additional LETIs.
SCH5396	Remove all TSPs before removing the DSL.
SCH5397	Enter three values: LTG, LTN and TEI.
SCH5398	The number of LTIDs in the system exceeded the limit.
SCH5399	Input exceeded the maximum LTEI allowed for this DSL.
SCH5400	The LTEI pair does not exist.
SCH5401	Warning: Make sure MCAL value does not exceed the maximum number of calls for a DSL specified in TSP.
SCH5402	System contains additional TSPs.
SCH5403	BRI DN is not allowed.
SCH5404	MISP loop is not allowed.
SCH5405	BRI SILC/UILC card not allowed. (Monitored set cannot be a BRI set).
SCH5406	Cannot configure this DSL because D-channel is configured for packet handler.
SCH5407	LTID TEI block does not exist.
SCH5408	Must enter TEI to delete.
SCH5409	Must enter call type to delete.
SCH5410	Address translation failed.
SCH5411	This is not a DSL line. Enter the TN of a valid DSL line.
SCH5412	USID map is not defined.

SCH5413	Number of TSPs defined has reached the limit.
SCH5414	TSP is already defined.
SCH5415	TSP does not exist.
SCH5416	USID has not been removed.
SCH5417	TSP does not exist.
SCH5418	At least one SPID must be defined.
SCH5419	SPID has not been defined.
SCH5420	Input has exceeded the maximum allowed SPIDs per TSP. **Action:** Specify a maximum of eight SPIDs.
SCH5421	DN input is required.
SCH5422	DNs exceed the allowed limit.
SCH5423	DN block does not exist.
SCH5424	DN does not exist in this TSP.
SCH5425	DN has already been deleted.
SCH5426	Invalid input.
SCH5427	Call Type is not defined in the DSL.
SCH5428	Default DN must be entered.
SCH5429	Warning: No current default DN is defined.
SCH5430	Insufficient memory.
SCH5431	DN tree corrupted.
SCH5432	DN exists and is not a BRI DN.
SCH5433	DN is defined in other TN. Cannot have multiple appearance for BRI DN.
SCH5434	USID does not exist.
SCH5435	SPID has been defined in TSP number.

SCH5436	Input SPID is too long (maximum of 20 characters).
SCH5437	There is no TSP defined with the specified SPID.
SCH5438	Card does not exist in MISP block.
SCH5439	BRI package not equipped.
SCH5440	Loop/Card has already been assigned.
SCH5441	Cannot remove MISP because at least one BRI line card is associated with it.
SCH5442	Cannot move/swap BRI SILC/UILC line card. **Action:** Make sure all the DSLs have been removed from the card first.
SCH5443	Customer night DN cannot be BRI DN.
SCH5444	Loop pair is used by an MISP.
SCH5445	BRI DN cannot be a Hot Line DN.
SCH5446	BRI DN cannot be night DN.
SCH5447	Attendant Overflow DN cannot be BRI DN.
SCH5448 x	Disconnect dedicated D-channel connection command for the specified MISP has failed. Where: x = loop number for non-Option 11 or card number for Option 11. **Action:** Check MISP status.
SCH5449 x	Send DSL or line card status command for the specified MISP has failed. Where: x = loop number for non-Option 11 or card number for Option 11. **Action:** Check MISP status.
SCH5450 x	Parameter download procedure for the specified MISP has failed. Where: x = loop number for non-Option 11 or card number for Option 11. **Action:** Check MISP status.
SCH5451 x	B-channel dedicated connection to PRI/PRI2 has failed.
SCH5452 x	Disconnect B-channel dedicated connection to PRI/PRI2 command has failed.
SCH5453 x	Send maintenance pending message to MISP failed. Where: x = loop number for non-Option 11 or card number for Option 11.

SCH5454 Invalid Logical Terminal IDentifier (LTID) input. The combination of both Logical Terminal Group (LTG) and Logical Terminal Number (LTN) having their maximum values (LTG = 15 and LTN = 1023) is not valid.

Action: Use a smaller value for either LTG or LTN.

SCH5455 DSL already exists.

SCH5456 DSL does not exist.

SCH5457 Multi-purpose ISDN Signaling Processor (MISP) must be disabled.

SCH5458 TSP parameters downloading to the MISP failed.

SCH5459 Send DSL status to line card failed.

SCH5460 Group Call group number cannot be a BRI DN.

SCH5461 DN does not exist or is not a PBX or BCS type.

SCH5462 Build D-channel nailed up to MISP loop failed.

SCH5463 B-channel cannot be used for both packet mode data and voice/data.

SCH5491 Bad CPNW configuration: the speed call list specified in the CPNW data block of LD18 is invalid.

Action: Change CPNW block in LD18.

SCH5492 The PINX DN cannot be reached due to one of the following:

1. the configuration is invalid
2. the D-channel has been disabled
3. the local PINX DN is not defined

Action: Check that the network numbering plan is valid.

SCH5493 TCAP or ROSE protocol error for CPNW feature.

Action: Report this problem to your technical support group.

SCH5496 An ACD DN defined for data service access may not be a default ACD DN or a CDN.

SCH5497 Unable to define a new BCHI with IFC=SL1.

Action: To define a new BCHI with IFC=SL1, default at RCVP on the first pass. Enter SL1 at IFC. Make a second pass from DCHI and enter YES at RCVP.

SCH5498 RCVP is set to “yes”, which is only allowed for SL-1 interfaces.

SCH5499 Cannot change. There are Automatic Wake Up calls during this interval which must use this route data block.

Action: Wait until there are no more Wake Up calls before changing this route. If the background terminal is equipped, do a “PR WA MA” command to determine the next free five minute time interval. Note that this command does not list AWU re-tries for the interval.

SCH5500 Input value out of range 0-3.

SCH5501 There can only be one Wake Up Key (WUK) per set. Before moving the WUK key, the existing WUK must be removed (NUL).

SCH5502 MAXT + DCMX cannot be greater than 255.

SCH5503 Response to CTRQ must have 4 digits.

SCH5504 First field of the response to CTAL cannot be longer than 16 digits.

SCH5505 Second field of the response to CTAL is out-of-range (0-1023).

SCH5506 Third field of the response to CTAL is out-of-range (0-4).

SCH5507 ACD stations not allowed MCTA Class of Service unless the EMCT package is equipped.

SCH5508 Same card and port number has been used.

SCH5509 Warning! The entered DCH port may not be supported on your current Option 11 configuration.

Acceptable DCH port numbers are:

NTAK79 (PR12) card - one DCHI on port #1 is available

NTAK93 (PRI) card - one DCHI on port #1 is available

NTAK02 (DCHI/SDI) card - two DCHIs on ports #1 and #3 are available.

Action: If using one of the above cards, restart the overlay and enter an acceptable port number from the above list. If using other cards, proceed only after checking related documentation to confirm that the entered port number is acceptable.

SCH5510 The keycodes entered for modifying the ISM parameters failed the security check

SCH5511 The loop type is out-of-range or not supported.

SCH5512 Warning: the DWC key is defined for a CDN which is not in controlled mode. DWC for a CDN in default mode is meaningless.

SCH5514 This APL-TTY port is configured for the intercept computer feature.

SCH5516 Incorrect response for RGTP. Enter 8 or 16.

SCH5518 BGD package is restricted.

SCH5519 Incorrect TYPE entered when REQ is CHG or PRT.

Action: Re-enter a correct type.

SCH5522 The specified TN is not defined.

SCH5523 A DST port type is not allowed when SAT = NO.

SCH5524 DN xxxx NEW MARP l s c u The current TN is no longer the MARP TN for DN xxxx. The new MARP for DN xxxx has defaulted to TN l s c u.

SCH5525 New TN(s) copied from a TN template with new DNs for the prime DN appearances. The new TNs are MARPs for the new prime DNs. Secondary DNs are copied without retaining MARP designations.

SCH5526 Warning: In printing the DN block for a DN, no MARP or more than one MARP TN was found in the database. Only one MARP should be defined for a DN.

Action: Changing the database is recommended.

SCH5527 X3W trunk requires DID trunk type.

SCH5528 OHAS DN must be a Single Appearance, Multiple Appearance or ACD DN.

SCH5530 The Set Relocation table does not exist; therefore, no operation may be performed on it. The Set Relocation package 53 may not be equipped.

SCH5531 Exactly eight characters must be entered at prompt NTCD.

SCH5532 Exactly six characters must be entered at prompt SER.

SCH5533 Exactly two characters must be entered at prompt COLR and RLS.

SCH5534 Input must be a valid hexadecimal digit (0-9, A-F).

SCH5535 That TN cannot be found in the Set Relocation table.

Action: Print the relocation table to see the valid TNs.

SCH5536 Autodial Timeout (ADLD) cannot be greater than dial tone interdigit timeout for 500 telephones (DIND) or 2500 telephones (DIDT).

SCH5537 Invalid autodial DN.

SCH5538 Invalid response to prompt PSEL.

Action: Enter DMDM or TLNK.

SCH5539 Invalid response to prompt PSDS.

Action: Enter YES or NO.

SCH5540 Invalid response to prompt V25.

Action: Enter YES or NO.

SCH5541 Only OUT or CHG is allowed for TYPE = MTRT.

SCH5542 TRAN must be SYN if PSDS = YES. Enter SYN to TRAN or set PSDS = NO before setting TRAN to ASYN.

SCH5543 No customer or no customer with PREQ option set.

SCH5544 Illegal key word. Should be R232 or R422.

SCH5545 The group number must be input when a configuring a new device. No {cr} without input is allowed.

SCH5546 Illegal key word. Should be DTE or DCE.

SCH5547 Out of memory. Cannot allocate unprotected AML data store.

Action: To free some memory, deallocate I/O devices no longer in use, if they exist.

SCH5548 Out of memory. Cannot allocate protected AML data store.

Action: To free some memory, deallocate I/O devices no longer in use, if they exist.

SCH5549 At least one user type must be defined.

SCH5550 Out of memory. Cannot allocate required SDI memory.

Action: To free some memory, deallocate I/O devices no longer in use, if they exist.

SCH5551	The given user type is not allowed on the MSDL card (i.e., APL, HSL, LSL, are not allowed on MSDL card).
SCH5552	Warning: To use the changed download parameters, must disable and enable the SDI port just modified.
SCH5554	Invalid I/O progress marker detected.
SCH5555	Invalid input for ADAN prompt.
SCH5556	Wrong action entered for ADAN prompt.
SCH5557	Invalid device type for ADAN.
SCH5558	Invalid device type for ADAN.
SCH5559	AML cannot be configured due to package restriction.
SCH5560	DCH cannot be configured due to package restriction.
SCH5561	Invalid I/O device.
SCH5562	No logical number entered for ADAN prompt.
SCH5563	Invalid logical number or invalid I/O device. Example: OUT BDCH x to remove backup D-channel.
SCH5564	Primary DCH must be specified.
SCH5565	Backup DCH already configured for this primary DCH.
SCH5566	No card type given.
SCH5567	Invalid card type for TTY device.
SCH5568	Invalid card type for AML device.
SCH5569	Invalid card type for DCH device.
SCH5570	Backup DCH must be on the same card type as primary DCH.
SCH5571	No device number entered.
SCH5572	No port number entered.
SCH5573	Specified port not available, other ports are available.

SCH5574	No port is available on the specified MSDL card.
SCH5575	Invalid MSDL physical address.
SCH5576	Invalid device number. Could conflict with already existing ADAN device number.
SCH5577	Incorrect number of parameters for ADAN prompt.
SCH5578	Logical application must be disabled.
SCH5579	Physical I/O block pointer corruption.
SCH5580	TTY cannot be configured.
SCH5581	TTY cannot be changed.
SCH5582	Disk cannot be configured.
SCH5583	Disk cannot be changed.
SCH5584	TTY cannot be outed.
SCH5585	TTY is still enabled.
SCH5586	Device must be disabled to be outed.
SCH5587	TTY error.
SCH5589	Cannot out application from MSDL card, as this is the last application. **Action:** Disable the MSDL card has to be disabled.
SCH5590	The number of new logical applications (AML or DCH) has exceeded its allowable system limit.
SCH5591	History File cannot be configured due to package restriction.
SCH5592	History File cannot be configured due to no entry available in the I/O table.
SCH5593	History File does not exist; therefore, cannot use the chg or del command.
SCH5594	Data port out-of-range for MCU. Enter 8-15 on ISDLC cards, 16-31 on DAC cards.
SCH5596	TRAN must be SYNC if PSDS = YES.
SCH5597	BAUD must be 11 or 12 for PSDS = YES.

SCH5598 Operating and system parameters may not be set properly for data option.

Action: Change PSEL or OPE if needed.

SCH5599 Operating and system parameters may not be set properly for data option.

Action: Change PSEL or OPE if needed.

SCH5600 Invalid input for DTAO. Enter MPDA or MCA.

SCH5601 Invalid input for PSEL. Enter DMDM or TLNK.

SCH5602 Invalid input for PSDS. Enter YES or NO.

SCH5603 Invalid input for V25. Enter YES or NO.

SCH5605 Invalid input for HDLC. Enter YES or NO.

SCH5606 MBGS number already assigned to another tenant.

Action: If necessary, use temporary value “MBGS 0” to switch the MBGS.

SCH5607 The route entered is not yet configured; cannot add to a customized CPG. Defaulted to CPG 0.

Action: Configure the route and re-enter.

SCH5608 Input number might be lost due to busy system Input/Output.

SCH5609 (For System Option 11 only) Clock controller must be disabled first.

SCH5610 (For System Option 11 only) The slot number is not a valid DTI/PRI slot. It must be defined in Overlay 17 first.

SCH5611 (For System Option 11 only) Input is conflict with the existing slot defined for secondary clock reference.

SCH5612 (For System Option 11 only) Wrong input field for AUXR prompt. It must be YES/NO or {CR}.

SCH5613 (For System Option 11 only) Invalid input for AUXR prompt.

SCH5614 (For System Option 11 only) The slot number is not a valid DTI2/PRI2 slot. It must first be defined in Overlay 17 under the DTI2/PRI2 prompt.

SCH5615 (For System Option 11 only) Existing clock controller must be disabled first. Primary/secondary reference must be set to freerun.

SCH5616	Primary/secondary clock reference loop must set equal to freerun before changes AUXR prompt to YES. (For System Option 11 only)
SCH5617	Clock slot number out-of-range. (For System Option 11 only)
SCH5618	Must disable the existing clock controller and remove the clock data before doing any clock controller changes. (For System Option 11 only)
SCH5619	Must remove the clock controller data first before delete the digital loop. (For System Option 11 only)
SCH5625	Multiple Appearance data DN is not allowed.
SCH5628	Attendant Forward No Answer (AFNA) package 134 is not equipped.
SCH5629	{CR} not allowed for the prompt NFNA when OPT is changed from DNCA to DNCS, or from DNCS to DNCA.
SCH5630	Must be a DID/TIE DTI trunk.
SCH5631	RVQ feature only applies to SL-1 interface (Release 18 and later).
SCH5633	Input out-of-range: 2-(10)-30 seconds.
SCH5634	Input out-of-range: 4-(5)-10 retries.
SCH5635	DTAD data does not exist.
SCH5636	DTAD data already exists.
SCH5637	Maximum number of digits reached, max is 5.
SCH5638	Maximum number of sequences reached, max is 20.
SCH5639	DTAD sequence does not exist. Cannot remove.
SCH5640	Multi-purposeSerial Data Link (MSDL) package 222 is restricted.
SCH5641	HDTI trunk must have DTN CLS.
SCH5642	There are no FGD blocks configured (for command PRT).
SCH5643	Only one memory card allowed.
SCH5644	768K memory card not allowed. Enter 2M (2 Megabyte).
SCH5645	Memory cannot exceed 4 Megabytes.

SCH5646 Cannot change memory card types from 768K to 2M, or vice versa without a sysload.

Action: Install new memory cards, then do a sysload to auto-configure memory.

SCH5647 MSDL RCAP capability only applies to SL-1 interface and on Release 18 and later.

SCH5648 History file is already configured.

SCH5649 Must enter user type if new D-channel.

SCH5650 Invalid primary D-channel number.

SCH5651 Invalid response for RTS. Enter ON or OFF.

SCH5652 Cannot OUT or CHG that TN. Only entries which resulted from a Modular telephone relocation are eligible for manipulation in LD 50 TYPE = MTRT.

SCH5653 Overlay 45 is not supported for Option 11.

SCH5654 Before setting the SIAA option, you must define the intrusion tone in LD 56.

SCH5655 A value greater than 25 has been entered for the TNDM prompt when the DPNSS package is equipped. The value 25 is used for DPNSS calls.

SCH5656 Invalid user types for this device.

SCH5657 Missing software for DSDL/MSIP or application running on it. Could be MISP, MSDL, BRI, SDI, DCH, or AML.

SCH5658 The card type entered is not valid for MSDL/MISP or application running on it. Valid types are MISP, MSDL, BRII, SDI, DCH, or AML.

SCH5659 Cannot add D-channel packet data option because DSL 7 of the last card associated with the MISP is configured.

SCH5660 Cannot remove B-channel packet data option because at least one associated DSL has a B-channel with PMD call type.

SCH5661 Cannot remove D-channel packet data option because at least one associated DSL has a LTEI pair defined.

SCH5662 For the Meridian 911 package, the TN for the CWNT must be a 500/2500 telephone.

SCH5663 Entered DN does not exist.

SCH5664 Invalid DN type for Nite LDN.

SCH5665 This Nite LDN is not defined.

SCH5666 No is only allowed when all Nite DN's are cleared.

SCH5667 When configuring an MCU trunk, a corresponding voice TN must be configured.

Action: Either "out" the unit in the voice TN or put the MCU trunk on a TN where the corresponding voice TN is empty.

SCH5668 A route used for the BRI packed handler (BRIP = YES) must be a PRI or PRI2 route.

SCH5670 For Primary loop, the slot must be set equal to the clock controller slot number. For secondary loop, the slot must not set equal to the clock controller slot number.

SCH5671 The loop must be set to free run mode or switch the tracking to another reference before entering the changes.

SCH5672 Start arrangement for M911 trunk must be WNK.

SCH5673 For M911 trunks, signaling must be EAM, EM4 or LDR.

SCH5674 For M911 trunks, AUTO DN must be a CDN.

SCH5675 Cannot change a non-Meridian 911 route to a Meridian 911 route.

SCH5676 ACD listptr is nil.

SCH5677 The primary D-channel cannot be removed, unless the backup D-channel is removed first.

SCH5679 Not allowed to change the user from ISLD to PRA or SHA if the D-channel is equipped with backup D-channel.

Action: First remove the backup D-channel. Then change the user from ISLD to PRA or SHA and add the backup D-channel again.

SCH5680 The NEW MISP's application must be disabled for the change request.

SCH5681 Send line card status to MISP failed.

SCH5682 tn l s c u Cannot update MARP TN designation: TN l s c u failed TNTRANS.

Action: Check the status of the TN. MARP TN assignment in the database needs correction later.

SCH5683	MOV or OUT not allowed on a telephone being used as a CWNT of an ACD
SCH5684	Cannot remove a CDN if it is being used as an Auto-terminate DN (LD 23).
SCH5685	The device must be disabled to change a group number.
SCH5686	Cannot remove a CDN if it is being used as an CWNT. Counter should never be negative. Design error has occurred
SCH5687	Wrong extender. Enter 3PE.
SCH5688	Card slot out-of-range (1-13).
SCH5689	CNI port number out-of-range (0-1).
SCH5690	Network group out-of-range (0-4).
SCH5691	SIMM size out-of-range (1, 4, 8, 16).
SCH5692	SIMMs must be entered in order of descending size.
SCH5693	HDK/FDK device types to the ADAN are not permitted on this system type.
SCH5694	Service change is not allowed on this TN since it is currently active on an M911
SCH5695	The flow control option is not available for this user type.
SCH5696	Invalid input entered for this prompt(ALOW/DENY expected).
SCH5697	General Carrier Restriction (GCR Yes) was specified for this route, but no Equal Access toll calls were restricted (both NTOL an d ITOL are set to Allow). Either set GRC to NO or set one, or both of the Equal Access toll call sequences (NTOL an d ITOL) to Deny.
SCH5698	Equal Access call restriction was specified for this route (EQAR Yes), but a restriction type was not selected (GCR and SCR are both No). **Action:** Either set EQAR to No, or set one, or both of the restriction types (GCR and SCR) to Yes.
SCH5699	Equal Access call restriction was specified for this route (EQAR Yes), but a restriction type was not selected. (General Carrier Restriction was not activated (GCR No) and Selective Carrier Restriction (SCR) is not available because the NFCR package is not enabled). **Action:** Either set EQAR to No, or set GCR to Yes.

SCH5700 Warning: Table 0 has been configured for this card by default. Verify Table 0 in LD 97 contains the desired parameters for dial tone detection.

SCH5701 XTD Table has not yet been defined in LD 97.

SCH5702 Tone and cadence table download already in progress.

SCH5703 Configure a DCH block for DPNSS in the LD 17 first.

SCH5704 A maximum of 16 characters are allowed for DES.

SCH5705 Input does not match the existing value of DES. Existing DES is not changed.

Action: To remove a DES, enter “X” followed by the exact characters of the existing DES.

SCH5706 Input number of characters does not match the existing value of DES. Existing DES is not changed.

Action: To remove a DES, enter “X” followed by the exact characters of the existing DES.

SCH5707 DES value already exists.

Action: To change a DES, you must remove the current DES first. To remove a DES, enter “X” followed by the exact characters of the existing DES.

SCH5708 This Primary Rate Interface B-channel is used for a connection between Basic Rate Interface and a packet handler.

Action: Remove the relationship in LD 27 first.

SCH5710 XSM is not allowed to be enabled for an active TTY.

SCH5711 Default XTD Table (Table 0) cannot be removed.

SCH5712 Table cannot be removed because it is configured for an XTD card.

Action: Change XTD card configuration in LD 13 before removing Table.

SCH5713 Warning: Make sure that this XTD Table is not defined in any Route Data Blocks.

SCH5716 Warning: ARF is not allowed with BAT or LBS. Class of Service has been changed to ARF XBAT XLBS.

SCH5717 Warning: BAT is not allowed with ARF or LBS. Class of Service has been changed to BAT XARF XLBS.

SCH5718 Warning: LBS is not allowed with BAT or ARF. Class of Service has been changed to LBS XBAT XARF.

SCH5719 The XDID/EAM parameters may not be changed while the unit is busy.

SCH5720 Service loop (CONF, MFS, TDS, or XCT) cannot be added because the maximum number of service loops already exists.

To add an XCT one of the TDS, MFS, or CONF loop service limits may be exceeded. In Release 14 the maximum number of service loops allowed is 15. In Release 17 the maximum number is 16. In Release 18 the maximum number is 64.

SCH5725 Invalid Controller number (out-of-range or undefined).

SCH5726 Cannot print an undefined Controller.

SCH5727 Cannot delete an undefined Controller.

SCH5728 Cannot delete a Controller that is not empty.

Action: Remove TN assigned to superloops associated with this Controller first.

SCH5729 No free Controller available.

SCH5730 Location cannot have more than 6 characters.

SCH5731 Media must be COP (copper).

SCH5735 Remove all TNs assigned first.

SCH5738 Superloop number must be multiple of 4.

SCH5739 Cannot define that superloop. Some internal loops already exist as regular loops.

Action: Remove all TNs and route numbers for the four loops higher than the new superloop. For example, to add superloop 4, old loops 4, 5, 6, and 7 must be undefined.

SCH5740 Cannot print a new superloop.

SCH5741 Cannot delete a new superloop.

SCH5742 Superloop number is out-of-range (0-255).

SCH5743 Cannot remove a superloop that is not empty.

Action: Remove all TNs assigned to this superloop first.

SCH5744 Wrong number of input fields for the prompt SLOT.

Action: Enter LEFT or RIGHT.

SCH5745 Invalid keyword for the prompt SLOT.

SCH5746 Cannot delete XPE0 for a new superloop. XPE0 does not exist.

SCH5747 Cannot remove undefined XPE0.

SCH5748 Cannot remove XPE0 that is not empty.

Action: Remove all TNs assigned to this Controller.

SCH5749 Wrong number of inputs for the prompt XPE0.

Action: Enter Controller number (0-95), starting segment (0-3), and ending segment (0-3).

SCH5750 Peripheral number is not defined or out-of-range.

SCH5751 XPE0 cannot have the same number as XPE1.

Action: Remove XPE1 first.

SCH5752 Existing XPE0 is not empty.

Action: Remove all information in order to change the Controller number.

SCH5753 Input segment number is out-of-range (0-3).

SCH5754 Another superloop already exists within the segments.

SCH5755 Starting segment number must be smaller than ending segment number.

SCH5756 Cannot remove segments that are not empty.

Action: Remove all TNs assigned to this superloop.

SCH5757 {CR} is not allowed for the input. XPE0 has been deleted and XPE1 does not exist.

SCH5758 Define XPE0 or XPE1 for a superloop.

SCH5759 Cannot remove XPE1 from a new superloop. XPE1 does not exist.

SCH5760 Cannot remove undefined XPE1.

SCH5761 Cannot remove XPE1. XPE0 has been removed. Need information for XPE0 or XPE1.

SCH5762	Cannot remove XPE1.
SCH5763	Wrong number of input field for the prompt XPE1. **Action:** Enter Controller number (0-95), starting segment (0-3), and ending segment (0-3).
SCH5764	XPE1 cannot be the same as XPE0.
SCH5765	Existing XPE1 is not empty. **Action:** Remove all information in order to change the Controller number.
SCH5767	Input value is out-of-range.
SCH5768	Invalid input for prompt DTMF.
SCH5769	Invalid input for prompt P10P.
SCH5770	Invalid input for prompt S10P.
SCH5771	Invalid input for prompt 20PP.
SCH5772	Invalid input for INTN. Enter YES for A-law, NO for µ-law.
SCH5773	Allowed values for quiet code are 0-3.
SCH5774	Input out-of-range for maintenance thresholds, Allowed values are 1-65532. CONT is the number of continuity faults per timeslot and CRCF is the number of CRC failures per cable.
SCH5775	Input out-of-range for flash timer. FLSH can be 45-768 ms.
SCH5779	Both destination TNs must be unoccupied.
SCH5780	TN cannot be 0 0 0 0.
SCH5781	Card number for this superloop is invalid.
SCH5782	Cannot change card density for superloops.
SCH5783	SL-1 set cannot be located in a superloop.
SCH5784	Cannot move a pair when source TN is not a digital set.
SCH5785	Cannot move a pair when one of the TNs does not exist.
SCH5786	Superloop does not exist.

SCH5787	Invalid trunk for Universal Trunk or E & M Dictation Trunk. Conflict with one trunk type has already been defined.
SCH5788	1200 Ohm termination impedance applies only to RAN trunks.
SCH5789	LST is not allowed for JCO in XTRK.
SCH5790	1200 Ohm termination impedance should be used for RAN trunks in Universal Trunk.
SCH5791	10PPS2 is for Universal Trunk or E & M Dictation Trunk only.
SCH5792	Code-a-Phone is not allowed on Controller RAN trunks.
SCH5793	Superloop number is not allowed for busy lamp field array.
SCH5794	Cards 10 to 14 are invalid for Network/DTR/XMFC Card array.
SCH5795	Shelf number is not defined for this superloop.
SCH5796	TN 0 0 0 0 is not allowed. Use this TN for DTR/XMFC.
SCH5797	TDET cannot be defined in a superloop.
SCH5798	Card density (DENS) must be defined. **Action:** Enter SDENS for single SDI ports (on CPU cards), DDEN for two port SDI cards (QPC139), QDEN for four port SDI cards (QPC841/NT8D41).
SCH5799	Superloop must be disabled before removing.
SCH5803	CPU number out-of-range (0-1).
SCH5804	The specified CNI port is in-service. **Action:** Disable the CNI port before changing it.
SCH5805	The specified group is configured for other CNI port.
SCH5806	The specified slot is configured other than as CNI.
SCH5807	Slot already exists for other card.
SCH5808	Error occurred in printing CINV.
SCH5809	TSA and ASA class of service are mutually exclusive.

SCH5810 Yellow alarm pattern of FDL can only be specified for ESF framing format. The software automatically enters YALM = DG2.

SCH5812 Cannot delete DNCO, still in use.

SCH5813 A USR key cannot be configured on a data set (CLS DTA).

SCH5814 A set cannot have USR key with USRD Class of Service.

SCH5815 Terminal's Ringing Cycle Option (RCO) was reset from {old RCO} to default value 0, because the CLS was changed to FND and MWD.

SCH5816 Warning: PBXT test scheduled for automatic execution in the daily routines

SCH5817 CONF loops can only be defined on loops 29, 30 & 31 for Option 11.

SCH5818 Cannot define CONF loop on loop 31 if only 1 cabinet defined.

SCH5819 The VAS is in use in the customer data block under the VSID prompt.

Action: Delete the VAS from LD 15, then remove it from LD 17. To clear the VAS, use LD 15, and go to the VSID prompt.

SCH5820 The VAS ID is in use by a CCR, Meridian Link, or Data application.

Action: Remove the VAS by using LD 23, then delete the VAS from LD 17.

SCH5821 The VAS ID is in use by the teleset-messaging.

Action: Remove it in LD 23, then delete it from LD 17.

SCH5822 The VAS ID is in use by the teleset-status.

Action: Remove it in LD 23, then delete it from LD 17.

SCH5823 The VAS ID is in use by the CCR, or the Meridian Link application.

Action: Remove it in LD 23, then delete it from LD 17.

SCH5824 The VAS does not exist.

Action: First create the VAS in the LD 17, then use it in LD 15.

SCH5825 This loop cannot be removed until its associated DDSL has been removed first.

SCH5826 Cannot change or print the Class of Service MREA/MRED in the TN block without the option enabled in LD 15.

Action: Enable NMDR/DMDR in LD 15 before attempting the change.

SCH5827 Cannot assign a greater value to NMDR than to CFNA. Cannot assign a greater value to DMDR than to DFNA. Need to assign a value that is less than the value of CFNA or DFNA.

SCH5828 ARP only authorized for CO Trunks.

SCH5829 Maximum Dial Pulse time has to be greater than Minimum Dial Pulse time.

SCH5830 You cannot delete, add, and change a loop at the same time.

SCH5831 TSA not allowed while FTR = PHD. XFA prerequisite.

SCH5832 BPO type not allowed for XEM.

SCH5833 ARP only authorized for COT trunk.

SCH5834 Maximum Dial Pulse Time has to be greater than the minimum Dial Pulse Time.

SCH5835 Minimum Hook Flash Time has to be greater than the minimum Dial Pulse Time.

SCH5836 Access code contains an invalid character.

SCH5837 XPE package 203, SUPP package 131 or both packages are restricted.

SCH5838 No predefined table or customized table has yet been built for B34 Static Loss Plan. This is a prerequisite for B34 Dynamic Loss Switching.

Action: Configure a table for B34 Static Loss Plan (TTYP = STAT) before configuring a table for B#$Dynamic Load Switching.

SCH5839 **Action:** Contact system distributor to request the LAPW package; otherwise, log into the system using appropriate password which is authorized for changes to “configuration data”, or contact system distributor to have this data updated.

SCH5840 When entering a customized Static Loss Plan Table (Base Level Table) or a customized Dynamic Loss Plan Table (Alternative Level Table), {cr} will not be allowed if a table has not been previously installed.

Action: Enter all values for Rx and Tx or begin the command over and install a standard Predefined table, then customize a few values as required.

SCH5841 Wrong number of parameters have been entered.

Action: Enter two values, one for Rx, and the second for Tx (or enter {cr} only) for all port types except RANR and PAGT. Enter one value for RANR (Rx) and PAGT (Tx), or enter {cr} only.

SCH5842 B34 Dynamic Loss Switching is disabled. B34 Codec Static Loss Downloading is now in effect.

Action: Enter two values, one for Rx, and the second for Tx (or enter {cr} only) for all port types except RANR and PAGT. Enter one value for RANR (Rx) and PAGT (Tx), or enter {cr} only.

SCH5843 The Table Number value entered is out-of-range.

Action: Enter a Table Number within the range, [1-25] for STYP, and [1-2] for DTYP.

SCH5844 The coded Relative Input/Output Level (Rx or Tx) value is out-of-range.

Action: Enter correct ranges as follows: Rx - (0 - 31)Tx - (8 - 39)

SCH5845 Cannot change number of AOMs because it deletes the BFS key.

Action: Remove BFS key first.

SCH5846 You answered YES to the DITI prompt, but the DID to TIE package 176 is equipped. DID to TIE calls are restricted by the DID to TIE package.

SCH5847 CNI slot 8, port 0 cannot be changed or deleted.

SCH5848 The specified application is not configured on this MISP.

SCH5849 BRI trunk types can only be TIE, COT, and DID.

SCH5850 Cannot change these parameters without disabling all associated BRI trunk members.

SCH5851 Interface type not valid for Basic Rate. This message indicates that the IFC trunk entered does not support Basic Rate trunks.

SCH5852 Cannot out BRIL application without disabling the application.

SCH5853 Cannot out BRIL application without outing all the associated DSLs.

SCH5854 The specified route is not a BRI route.

SCH5855 BRIT package is not equipped.

SCH5856 The new MISP for this card does not have BRIL configured, but there is a BRIL DSL on this card.

SCH5857 BRI route is not allowed if a BRI Route Packet Handler exists.

SCH5858 PRI is not supported if the DTI2 package and the PRI2 package are not equipped.

SCH5859 A DSL trunk in NT mode must be associated with a route on NET side.

SCH5860 Protocol group cannot be removed. Remove the route(s) associated with this protocol and try again.

SCH5861 Cannot out BRIT application without disabling the application.

SCH5862 Cannot out BRIT application without outing all the associated DSLs.

SCH5863 The new MISP for this card does not have BRIT configured, but there is a BRIT DSL on this card.

SCH5864 BRIL package is not equipped.

SCH5865 ISDN option needs to be configured in the Customer Data Block before a BRI route can be configured.

SCH5866 Either the BRIL or the BRIT package needs to be equipped.

SCH5867 Line card is not a BRI SILC line card.

SCH5868 {cr} is not allowed at TNUM prompt.

Action: Enter a Table Number within the range, [1-25] for STYP, and [1-2] for DTYP.

SCH5869 Line card must be SILC for Numeris DSL.

SCH5870 Warning: Another device is configured on the same card.

Action: Change the group number as well.

SCH5871 Warning: There may be other devices on the QSDI card.

Action: Be sure the group number corresponds.

SCH5872 NPID table does not exist.

SCH5873 The NPID type cannot be entered because M911 package 224 is not equipped.

SCH5874 NPID table already exists.

Action: Use CHG command.

SCH5875 NPID table does not exist.

Action: Use NEW command.

SCH5876 M911_NPID_MHPTR is Nil.

SCH5877 NPID table out-of-range (0-7).

SCH5878 All applications on the MSDL card are affected by the group number change.

SCH5879 The Filter trigger entered is identical to an Exception trigger, or the Exception trigger entered is identical to a Filter trigger.

Action: Enter a different string or change the other Filter/Exception string.

SCH5880 The mnemonic entered is invalid.

Action: Check and re-enter the desired mnemonic.

SCH5881 The error code entered is invalid. Valid characters are 0-9 and + (plus sign).

Action: Check and re-enter a valid character.

SCH5882 The SUPPRESS threshold cannot be less than the ESCALATE threshold.

Action: Check and re-enter the desired threshold.

SCH5889 Entered a number outside of the range allowed for the parameter for NEW and CPY commands in LD 18. The valid range is 1-100.

Action: Re-enter the NEW or CPY command with a new parameter between 1 and 100.

SCH5890 Available memory is below the minimum allowed when trying to add multiple speed call lists at once using the NEW and CPY commands in LD 18. Minimum is 2048 words.

Action: Create the Speed Call lists one at a time, or free up additional memory.

SCH5891 With X11 Release 19 and later, use one of the following formats for DN block printing:

1. multiple DNs may be printed by listing them at the DN prompt using commas to separate the individual DNs

2. a range of DNs may be entered using a dash between the starting and ending DNs

SCH5892 Tried to disable B34 Static Loss Plan Download (SLPD) feature while B34 Dynamic Loss Switching (DLS) is still enabled. B34 SLPD not disabled.

Action: Disable B34 DLS before disabling B34 SLPD.

SCH5893 BIMP value not apply to XUT.

SCH5894 1200 OHM Termination impedance not apply to EXUT.

SCH5895 Cannot select PSP/PIP without MR feature ON.

SCH5896 DWC key's DN does not match the ACD DN of the queue the agent is in.

SCH5897 AWC key is already defined for this agent.

SCH5898 DWC key is already defined for this agent.

SCH5899 The appropriate DSL on this card (DSL #0 for PREF or DSL #1 for SREF) must be a trunk DSL.

SCH5900 The appropriate DSL on this card (DSL #0 for PREF or DSL #1 for SREF) is not provisioned for a clock source.

SCH5901 Either no card exists in this slot, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5902 Either the card in this slot is not a BRI SILC line card, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5903 Either DSL #1 in this slot is not a trunk DSL, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5904 Either DSL #1 in this slot is not provisioned for a clock source, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5905 The appropriate DSL on this card (DSL #0 for PREF or DSL #1 for SREF) is not configured.

SCH5906 Either DSL #1 in this slot is not configured, or the slot must be a DTI2, JDMI, or PRI2 slot.

SCH5907 The clock on this DSL is referenced in the Digital Data Block.

Action: This reference must be removed in LD 73 before the mode can be changed to NT.

SCH5908 The clock on this DSL is referenced in the Digital Data Block.

Action: This reference must be removed in LD 73 before the CLOK can be changed to NO on this DSL.

SCH5909 The asterisk (*) is not a valid entry for this prompt.

SCH5910 Cannot remove or change a 500 telephone if its DN is equal to ALDN of the CDB.

Action: You must remove or change ALDN first.

SCH5911 The Move function for the entered card input is temporary denied due to SET/TRK installation/relocation is in process. The Move function will be permitted as soon as the installation/relocation process is completed.

SCH5912 NPD ID out-of-range (0-9).

SCH5913 Invalid NPA format.

SCH5914 Invalid response to TRMT prompt. Valid responses are NONE, TEST, FAIL, NPA, or {CR}.

SCH5915 Type of NPID allowed only if M911 package 224 is equipped.

SCH5916 {CR} not allowed as valid input for IDTB prompt for NEW command.

SCH5919 The clock on this DSL is referenced in the Digital Data Block.

Action: This reference must be removed in LD73 before the DSL can be outed.

SCH5923 LAPW is not allowed without Multi-User Login (MULTI_USER) package 242.

SCH5924 Duplicate login name entered.

SCH5925 Login name must be defined when LNAME_OPTION is YES.

SCH5926 The clock on this DSL is referenced by the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the mode can be changed to NT.

SCH5927 The clock on this DSL is referenced by the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the CLOK can be changed to NO on this DSL.

SCH5928 The clock on this DSL is referenced by the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the DSL can be outed.

SCH5929 DTI package is restricted.

Action: If the BRIT package is equipped, enter TYPE = DTI2 or TYPE = PRI2.

SCH5930 The slot number is not a valid DTI/PRI/MISP slot.

SCH5931 The slot number is not a valid DTI2/PRI2/MISP slot.

SCH5932 This MISP is referenced as a clock controller in the Digital Data Block.

Action: This reference must be removed in LD 73 before the MISP can be outed.

SCH5933 This MISP is referenced as a clock controller in the DTI2/PRI2 system data.

Action: This reference must be removed in LD 73 before the MISP can be outed.

SCH5934 Answer supervision is selected and you cannot configure MR feature.

Action: Go to LD 14 to reset answer supervision.

SCH5936 The CWNT package must be enabled to assign CWNA Class of Service to a telephone.

SCH5937 The M911 Package must be enabled to assign USMA Class of Service to a telephone.

SCH5938 The requested change cannot be processed because the route would be changed to USR side, but there are NT mode DSL members on this route.

Action: NT mode DSLs must be on NET side.

SCH5939 This is not an SILC card. This slot is valid input only for SILC clock references.

SCH5941 That feature is not included in this package.

SCH5942 Autobaud overwrites configured baud rate.

SCH5943 x y MSDl SDI function conflicts with user type, the PARM setting or the BITL setting. The first conflicting pair is shown. Where:

x = user type (e.g. APL, PMSI); DCE if MOD is specified; BITL if LME is specified

y = MSDL SDI function (e.g. LME, ABD)

SCH5944 DTE must be specified for a PRT device.

SCH5945 MSDL SDI package is not equipped.

Action: Redefine the TTY/PRT on a non-MSDL SDI port.

SCH5952 Cannot have more than one CSL for CCR VAS ID.

SCH5953 Cannot take out CSL link that has a reverted DN.

SCH5956 Cannot add Vas ID that has more than one link to a cdn.

SCH5957 At least one TRF user must be defined for a TTY or the History File.

SCH5958 The primary PMSI port was removed in LD 17 (ADAN OUT xx). The re-transmission, polling, and message monitoring will not be serviced.

SCH5959 That port number is either undefined, or not a PMSI port.

SCH5960 The input is beyond the allowed range for the PMCR prompt. The allowed range is 5 to 250 or 25 percent of total system Call Registers, whichever is less.

SCH5961 Either the Ack timer (XTMR), or Polling timer (PTMR) is outside the range. The allowed ranges are XTMR = 0-6 and PTMR = 0-31.

SCH5962 The number of re-transmission (XNUM) is outside the allowed range. The accepted range is 0-4.

SCH5963 The polling Call Register was not allocated during wrap-up time in LD 17.

SCH5964 The number of PMCRs will be recalculated because the number of system Call Registers was reduced.

SCH5970 MFX Class of Service requires a DID trunk.

SCH5971 MFX Class of Service requires a IAO trunk.

SCH5973 A link is removed from a Vas ID that is defined for one or more CDN.

Action: Provide a new link.

SCH5974 Timer T2 should be smaller than T1.

SCH5975 Timer T3 should be greater than T1 when T3 is not zero.

SCH5976 Cannot remove the protocol group because at least one MPH network interface or TSP refers to it.

Action: Remove the association of the protocol group from the MPH network interface or the TSP.

SCH5977 Meridian 1 Packet Handler package not included.

SCH5978 DNA/NTN does not exist in the table.

SCH5979 DNA/NTN already exists in the system.

SCH5980 The input TN has been used by another network interface.

SCH5981 MPH maintenance B channel time slot request failed.

SCH5983 DNA table does not exist.

SCH5984 DNA table already exists.

SCH5986	DNA/NTN has too many digits. NTN maximum size is 10 digits, or DNA maximum is 14 digits.
SCH5987	Local DNA tables overflow. NTN of TSP (USID) DSL (TN) will not be in the local tables.
SCH5988	NTN does not exist in any DNA table associated with the MPH, or MPH network interface.
SCH5989	DNA table overflows.
SCH5990	Only MPHI and OPE can be easy changed when MPHI = Yes.
SCH5991	The input TN is used by D-channel packet data.
SCH5992	The input MPH loop does not exist.
SCH5993	Invalid entries for the LCN range **Action:** Enter the lowest LCN first, then the highest.
SCH5994	Invalid order of LCN range selection. The lowest LCN has to be larger than the highest LCN of any configured LCN ranges.
SCH5995	Cannot use this NTN because it is associated with a TSP.
SCH5996	The input DNA table is used by another MPH network interface or another MISP.
SCH5997	Exceed the maximum number if B-channel connections. **Action:** Enter another available MPH loop number.
SCH5998	DSL B channel call type is not IPD.
SCH6000	NTN is not associated with a TSP.
SCH6001	This LCN is not within the PVC range defined for the MPH network interface. **Action:** Check the range again and re-enter an available LCN.
SCH6002	The network interface is not configured for this MPH.
SCH6003	Not a MPH loop.
SCH6004	PVC connection does not exist.
SCH6005	Cannot remove this MISP because there is a PVC associated with it.

SCH6006	The PVC connection is enabled only if the associated TSPs and network interfaces are enabled.
SCH6008	The DNIC of the table is different from the MPH DNIC. **Action:** Enter another DNA table number.
SCH6009	The input MCU has been used by another MISP.
SCH6010	Cannot change the DNIC of a DNA table.
SCH6011	The MPH application does not exist.
SCH6012	Send maintenance pending message to the MPH application of loop X failed.
SCH6013	The MPH application must be disabled.
SCH6014	Cannot add ISDN BRI to the Dedicated MPH.
SCH6015	The MCU had been referenced by another network interface.
SCH6016	The input MCU has no MPHI option.
SCH6017	Cannot change the IPD call type because a TSP is using B channel for MPH.
SCH6018	Superloop must be entered as a multiple of 4.
SCH6020	Exceed the maximum number of supported DNA tables for a network interface.
SCH6024	Invalid operation for TCON.
SCH6025	Cannot change the TSP NTN because it is associated with a PVC connection.
SCH6026	The tandem connection does not exist.
SCH6027	The MPH network interface does not exist.
SCH6028	Cannot change the DNIC because the MISP is associated with a TSP.
SCH6029	The input TN is not an MCU.
SCH6030	The MPH network interface must be disabled.
SCH6031	The input TN is not an M2008 telephone.
SCH6032	A Meridian Packet Handler interface with MCU cannot be changed to a non-MPHI MCU if the connection still exists in the software.

	Action: Remove the connection in LD 27.
SCH6033	The DSL must be disabled before changing the call type IPD or PMD.
SCH6034	The terminal must be disabled.
SCH6035	Cannot remove the TSP because it is part of an existing PVC connection. **Action:** Remove the PVC connection and try again.
SCH6036	TN TRANS fails on MCU.
SCH6037	Cannot add or change TSP for B-channel. The call type is not IPD, or the associated DSL has TSPs configured for all B-channel packet data with MPH.
SCH6041	Exceed the maximum number of nailed-up connections with BRSC and/or MPH.
SCH6042	Old NTN is not defined in local or DNA table.
SCH6043	The selected LAPB protocol set group does not exist.
SCH6044	The selected X25P protocol set group does not exist.
SCH6045	Only two input fields are allowed.
SCH6046	Must enter a number to delete.
SCH6047	Illegal shelf entry for the MCU.
SCH6048	Input exceed the maximum limit of the D-channel TSP for the associated MPH.
SCH6049	This TEI has been used by another TSP of the DSL.
SCH6050	DNIC must have four digits.
SCH6052	Must enter NTN number to delete.
SCH6053	The DNA table is empty. It requires at least one NTN number.
SCH6054	The application option must be BRI Line.
SCH6055	The DSL must be disabled in order to change the MPH loop.
SCH6056	The NTN range is 2 to 32.
SCH6058	Disconnect BCH nailed-up connection failed.
SCH6059	The highest NTN input has more than 10 digits.

SCH6061	Cannot change the state of the network interface(s).
SCH6062	MCU cannot be a BRI card.
SCH6063	Illegal card entry for MCU.
SCH6064	Illegal unit entry for MCU.
SCH6065	This MISP has network interface(s) associated with it.
SCH6066	The old MPH link interface is not disabled.
SCH6067	This MISP has D-channel terminal(s) associated with it.
SCH6068	Cannot add MPH application to this MISP. There is a BRSC associated with it.
SCH6069	This MISP has B-channel terminal(s) associated with it.
SCH6070	This MISP has dedicated connection(s) with BRSC and/or MPH.
SCH6071	The input DNA table does not exist in any network interface.
SCH6072	Cannot remove this DNA table because it is referenced by a PVC.
SCH6073	The reference DNA table does not exist.
SCH6074	Cannot remove link from a Vas ID that is defined for one or more CDN at the ADAN prompt.
SCH6075	Cannot add a Vas ID that has no link to a Control DN.
SCH6076	You cannot use an international interface for the ISA route.
SCH6077	No TTY logical # is entered for STA administration terminal.
SCH6078	No TTY logical # is entered for STA administration terminal.
SCH6079	The STA administration terminal is not on MSDL.
SCH6080	Disable the TTY before configuring as the STA administration terminal.
SCH6081	User types PMS, ACD, APL, HSL & PRT are not allowed on the TTY as the STA administration terminal.
SCH6082	One of the ports allocated for STA application is already used by other MSDL application.

SCH6083 Since this TTY is configured with an STA application, it cannot be removed until the STA is removed.

SCH6084 STA administration port cannot be removed using X.

SCH6085 Unable to use changed parameters.

Action: To use the changed parameters, enable the STA application modified to download.

SCH6086 Cannot allocate protected or unprotected memory for STA configuration.

SCH6087 That TTY has already been configured with another STA application.

SCH6088 Remove nonexistent port(s).

SCH6089 The MSDL package, BRIL package or, BRIT package needs to be equipped.

SCH6090 The system has automatically reset DLTN to NO because AUTO is equal to YES (auto terminated).

SCH6092 The M911 Package 224 must be equipped to accept USMA/USMD Class of Service.

SCH6093 The CWNT Package 225 must be equipped to accept CWNA/CWND Class of Service.

SCH6094 CDR NEW package is not equipped.

SCH6095 The Alarm table is full. No new entries can be configured until some existing are deleted.

SCH6096 The Alarm table is empty. You cannot use the delete command for an empty table.

SCH6097 A digital telephone must have CWNA Class of Service to be used as a Call Waiting Notification TN.

SCH6098 The MPH application of the input MPH loop is in waiting state.

Action: Wait for the application to be uploaded or downloaded. Disable the MPH application.

SCH6100 Failed TN TRANS.

SCH6101 Protected loop pointer is NIL.

SCH6102	Not a valid PRI loop.
SCH6103	Either that channel is already used, or it is not a Packet Data channel.
SCH6104	The route is not configured for Packet Data.
SCH6105	Not configured for TCON.
SCH6106	The outgoing TN is the same as the incoming TN.
SCH6107	The system nailed-up list is full.
SCH6108	The BRI application running on this MISP can only support 3 line cards.
SCH6109	There is more than 1 B-channel configured in the system. Non-dedicated Meridian Packet Handlers can only support 1 B-channel interface.
SCH6110	Cannot change this MISP to a dedicated MPH because there is (are) line card(s) associated with it.
SCH6115	The new MISP cannot accommodate all D-channel numbers from the associated line card.
SCH6116	The new MISP has different characteristics than the old MISP. **Action:** Check DPSD and MPHC prompts.
SCH6117	The dedicated MPH can not associated with any line card(s).
SCH6118	PVC connection exists.
SCH6119	DNAT database download failed.
SCH6120	This LCN has been used.
SCH6121	CHG request is not allowed for PVC connection.
SCH6122	This LCN is not defined for the associated TSP.
SCH6123	PVC download failed.
SCH6124	MPH maintenance D-channel time slot request failed.
SCH6125	B-channel TN cannot be located in MPH block.
SCH6126	Free B-channel slot cannot be located in MPH block.
SCH6127	Cannot change the MPH loop because TSP still associated with this MPH.

SCH6128 Cannot get NWIF state.

SCH6129 MPH maintenance network interface time slot request failed.

SCH6130 Previous B-channel must be disabled in order to change.

SCH6131 Warning: All active calls that use the changed X25P group will be dropped.

SCH6132 Failed to send Customer Data Block Call Data Recording message.

SCH6133 MPH interface database download failed.

SCH6134 Send MPH TSP disable message failed.

SCH6135 MPH maintenance B channel interface change state failed.

SCH6136 Cannot change the TSP terminal type because the MPH DNIC are not the same.

SCH6137 The MPH is configured with more than 3 dedicated connections with BRSC and/or MISP.

SCH6138 The associated BRSC is not set up for D-channel packet data with MPH.

SCH6139 The associated MISP is not set up for D-channel packet data with MPH.

SCH6140 Cannot find SAPI16 TN in the MPH loop block.

SCH6141 All keys on the MCU are removed when MPHI is changed to YES.

SCH6155 Cannot configure BRSC on this IPE shelf because the total number of DPSD TSPs on this shelf will exceed the limit that an MPH can handle.

Action: Delete some DPSD TSPs first.

SCH6156 Cannot associate the BRSC with this MPH because the total number of DPSD TSPs the MPH will handle will exceed the limit.

Action: Delete some DPSD TSPs first or use another MPH.

SCH6157 Cannot NEW/CHG DSL or TSP of this ISDN BRI line card because it has no MISP/BRSC association.

Action: Configure a BRSC in the IPE shelf or perform a CHG CARD command to associate the line card with a MISP first.

SCH6158 User type FIL excludes MTC, SCH, BUG, and CSC User types.

Action: Remove the conflicting user types before configuring FIL.

SCH6161 Using CHG or MOV command is not permitted when the application type is DPNSS.

Action: Use LD 74 to modify any DPNSS protocol or transmission parameter

SCH6162 This logical port number is already used by another DPNSS1, DASS2 or APNSS link defined with a non MSDL card.

Action: Find a vacant logical port number.

SCH6163 This DPNSS logical port number does not exist.

SCH6164 DTSL data structures still exist. Remove the DTSL data structures in LD 74

SCH6166 There is no digital trunk output buffer defined.

Action: Load LD 17 and define the number of digital trunk output buffers. Initialize the system to effect the change.

SCH6167 The following hardware modifications cannot be done by using this command:

DCHI to MSD

MSDL to DCHI

DCHX to MSDL

MSDL to DCHX

Action: Remove the existing data structures and reconfigure the link with the desired hardware type.

SCH6168 This logical port number (dpnss link number) has not been defined in LD 74.

Action: Define a DPNSS logical port number in LD 17

SCH6169 The DPNSS link number entered is already used by a DPNSS link on a non-MSDL card.

Action: Change the link number to a vacant one.

SCH6174 The TN is currently being used as a Call Waiting Notification TN, and therefore CWND Class of Service is not allowed.

SCH6177 TDN or VOD can only be selected for PRI.

SCH6178 Feature is not defined in TSP (FEATID) database.

SCH6179 Feature input is invalid or not recognized.

SCH6180 No FA/FI IDs input.

SCH6181 Feature ID is out-of-range.

SCH6182 FI ID input conflicts with FI ID of another feature.

SCH6183 FA ID input conflicts with FA ID of another feature.

SCH6184 Warning: the feature input is already defined in the database. The input FA/FI IDs will overwrite the existing FA/FI IDs for the feature.

SCH6185 Wrong number of input fields. Only two or three input fields are expected.

SCH6186 Invalid Protocol ID.

SCH6187 There are Feature IDs defined in the TSP(s) of this DSL.

Action: Delete the Feature IDs before changing the Protocol ID to other protocols.

SCH6191 BRSC card TN cannot be 0.

Action: Configure the BRSC at slot 1 to 15 of loop 0 shelf 0.

SCH6193 Application(s) are not configured on the MISP.

Action: Select an MISP with the application or configure the MISP with the application.

SCH6194 Invalid LTID: LTG and LTN cannot be both 0.

Action: Re-enter with LTG or LTN greater than 0.

SCH6195 BRSC-MPH interface must be disabled first.

Action: Disable the SAPI16 interface between the BRSC and the MPH MISP in LD 32.

SCH6196 Cannot add or change the card type UILC because there are 8 UILCs configured on this IPE shelf already.

Action: Configure the card as SILC, or put it in another shelf.

SCH6197 Cannot add or change the card type SILC because there are 15 SILCs configured on this IPE shelf already.

Action: Configure the card as UILC, or put it in another shelf.

SCH6198 Cannot Move or Swap a BRSC card.

Action: Enter an appropriate TN.

SCH6199 BRSC card is not EI & USI allowed for this command.

Action: Enter an appropriate TN.

SCH6200 The BRSC must be disabled first.

Action: Disable the BRSC in LD 32.

SCH6201 Input is not a BRSC card TN.

Action: Enter a BRSC card TN. For PRT command, you can enter {cr}, loop, or loop shelf.

SCH6202 slot Card slot is configured. Where: slot = all available slots in the IPE shelf.

Action: Configure the BRSC in one of the slots listed.

SCH6203 tn A BRSC (tn) is configured in the IPE shelf.

Action: Configure the BRSC in another IPE shelf.

SCH6204 tn Disable BRI line cards (tn) first before adding a BRSC or removing.

Action: Disable all line cards listed in LD 32.

SCH6205 Cannot use MPH for DPSD because at least one DSL on the same IPE shelf has a LTEI pair defined.

Action: Remove all LTIDs or use a PRI B channel for accessing the Packet Switched Data Network(PSDN).

SCH6206 Cannot use PRI Channel for DPSD connection because at least one DSL on the same IPE shelf has a DPSD TSP defined.

Action: Remove all DPSD TSPs or use MPH for accessing the Packet Switched Data Network(PSDN).

SCH6207 Cannot add a BRSC to this MISP. MISP has MPH application configured.

Action: Pick another MISP without MPH application or remove the application.

SCH6208 Cannot add a BRSC to this MISP. MISP has maximum number of BRSCs configured.

Action: Pick another MISP.

SCH6209 Cannot add a BRSC to this MISP. MISP has too many LC configured.

Action: Pick another MISP, or remove some line cards and disable the MISP.

SCH6210 The MISP must be disabled first. It was programmed to handle 4 line cards.

Action: Disable the MISP in LD 32.

SCH6211 The MISP must be disabled first. It was programmed to handle 3 line cards and 1 BRSC.

Action: Disable the MISP in LD 32.

SCH6212 The MISP must be disabled first. It was programmed to handle 2 line cards and 8 BRSCs.

Action: Disable the MISP in LD 32.

SCH6213 Cannot add a BRSC to this MISP because it does not have MPH application configured.

Action: Pick another MISP with MPH application, or configure the MISP with MPH application first.

SCH6214 Cannot add a BRSC to this MPH MISP because it has the maximum number of SAPI16 connections configured.

Action: Pick another MPH MISP or remove one SAPI 16 connection from this MPH MISP first.

SCH6215 There are DSLs with both LTIDs and TSPs for D-channel PSD configured.

Action: If D-channel PSD is going to be provided and MPH is used, remove all configured LTIDs. If D channel PSD is going to be provided and an external packet handler is used, remove all configured TSPs for D-channel PSD. Otherwise, remove all LTID pairs AND TSPs for D-channel PSD.

SCH6216 There are DSLs with TSPs for D-channel PSD configured.

Action: Remove the TSPs for DPSD first.

SCH6217 There are DSLs with LTIDs for D-channel PSD configured.

Action: Remove the LTIDs first.

SCH6218 Cannot remove the MISP because at least one BRSC is associated with it.

Action: Disassociate the BRSCs by deleting them or change their Layer 3 MISP.

SCH6219 Cannot add BRI line card to this MISP because it has the maximum number of line cards configured.

Action: Add a BRSC to the IPE shelf, delete some line cards, or use another MISP.

SCH6220 Cannot remove or modify a BRSC because background maintenance task is in progress.

Action: Wait until the task is done or disable the BRSC in LD 32, then repeat the command.

SCH6222 The USR key must be removed before changing the telephone's Class of Service to DTA.

SCH6223 The TRIGGER string entered is not in the filter/exception table.

Action: Check then enter a correct string.

SCH6224 Another user is already accessing that TN.

SCH6225 Another user is already accessing that DN.

SCH6226 A telephone with an ACD key cannot be assigned CCSA Class of Service.

SCH6227 A telephone with CCSA Class of Service, or non-zero SCI cannot be assigned an ACD key.

SCH6228 ITPP=YES and METR=XPXX are incompatible.

SCH6229 ARFW package is not equipped.

SCH6230 Input is not a valid RAN route.

Action: When reprompted for RANR, a valid RAN route should be entered

SCH6231 Too many digits entered for DGTS.

Action: When reprompted for DGTS, the correct number of digits should be entered.

SCH6232 The interface type entered is incompatible with a CTYP of DCHI or SPDC. The CTYP must be MSDL. (To replace current version)

SCH6233 The OHAS DN index is illegal. There is no ODN defined for it in LD 15.

Action: Check and enter a legal index.

SCH6234 A legal OHID index must be defined to have ASCA Class of Service.

SCH6235 A legal FSVC index must be defined to have ASCA Class of Service.

SCH6236 No legal ODNs are defined in LD 15.

Action: You must define the ODN before assigning indices.

SCH6240 A telephone cannot use an ODN that is to be deleted.

Action: Be sure the deleted ODN is not used by any telephone.

SCH6242 Signaling must be standard when Equal Access toll call restrictions have been enabled for this route. (EQAR = Yes).

Action: Remove the Equal Access toll call restrictions for this route by setting EQAR to No prior to changing the signaling arrangement.

SCH6243 DTI TIE routes must be voice only when Equal Access toll call restrictions have been enabled for this route. (EQAR = Yes).

Action: Remove the Equal Access toll call restrictions for this route by setting EQAR to No prior to changing the voice and data calls type.

SCH6245 That TN is not available.

Action: Use another one.

SCH6246 Cannot build/tear down the tandem connection.

Action: Check the PRI status

SCH6247 Cannot remove this TIE trunk because there is a tandem connection associated with it.

Action: Remove the tandem connection, then remove the trunk.

SCH6252 The MOV DCH command is not supported by Option 11.

SCH6253 ISLD/VNS/VNSA user modes are not supported by the option 11 downloadable D-channel feature. Only shared modes SHA and SHAV can be used, as well as PRA and PRI.

SCH6261 The PNI number just entered is the same PNI number as currently programmed

SCH6262 % Maximum of 100 steps are allowed only.

SCH6263 BRIL and MPH applications may not be configured on the same MISP.

SCH6264 The ISA service route cannot be removed because there are calls active on that route.

SCH6265 Digits for insertion may be an invalid DN.

SCH6266 This DN cannot be removed from the Group Hunt list as it belongs to a set being relocated; moreover, the list cannot be outed, or resized down as to exclude this DN.

SCH6267	This DN cannot be added to a Group Hunt list as it also belongs to a set being relocated.
SCH6268	The response entered is not valid for the current ISDN IFC.
SCH6269	IFC (CNTY) does not correspond to the given DGTP.
SCH6270	Incorrect PWD2 password entered. Access to Loss Planning Data is not allowed.
SCH6271	DLSA is disabled. If any B34/B39 cards in the system, SLPD installation procedures must follow.
SCH6272	Start Arrangement for L1 signaling must be SEZA or PTSD.
SCH6273	Start Arrangement for RON/TRON signaling must be RT.
SCH6274	Only LDR signaling is allowed for TIE trunk on XDID.
SCH6275	The number of Meridian 1 Packet Handler Digital Subscriber Loops (DSLs) in the system has reached the limit.
SCH6276	Warning: External DN of IDC tree not stored in corresponding SDID tree to prevent overwriting existing value. This inconsistency occurs in the SDID tree when more than one external DN terminates on the same internal DN in the IDC tree.
SCH6278	Value out-of-range for TABL prompt. Accepted values are 0-15 **Action:** Check the customer documentation on TDS tone tables.
SCH6279	Overlay code is compressed, but the decoding table does not exist.
SCH6280	Class of Service HSPA and TSA are exclusive.
SCH6281	KD3 package not equipped.
SCH6282	CLS cannot be configured as MFK TN is DID and DTI2.
SCH6283	Overlay 16 - Warning - MFK Outgoing table will be cleared. Route members should not have MFK CLS if there is no incoming MFK table.
SCH6284	Overlay 16 - Warning - MFK Incoming table will be cleared. Route members should not have MFK CLS if there is no outgoing MFK table.
SCH6285	Overlay 16 - Attempt to mark a non-digital, non-DID route as MFK5 or MFK6 type of signalling.

SCH6290	The CLS DPDT or DTDP can be configured on routes with ICOG IAO only. **Action:** Check trunk configuration.
SCH6291	The CLS DPDT or DTDP can be configured on analog DID or TIE trunks only. **Action:** Check trunk configuration.
SCH6303	Password must be entered, cr is not a valid input.
SCH6304	Password entered is too long. Maximum length is 8 digits.
SCH6305	Attendant RCFW password can only consist of digits between 0 and 9.
SCH6307	The Voice Mailbox Administration application block does not exist.
SCH6308	The Voice Mailbox already exists.
SCH6309	The Voice Mailbox does not exist.
SCH6310	The Voice Mailbox Administration package is not equipped.
SCH6311	The VAS block cannot be removed because the application is configured.
SCH6312	Warning: Delete is full. Failed to send delete message to Meridian Mail or Voice Mailbox was not deleted on Meridian Mail.
SCH6313	Package is restricted.
SCH6314	Unexpected input type. **Action:** Check input type for the prompt.
SCH6315	Inaccessible data for CFPD user. **Action:** User is allowed to enter CFN or PWD as input for this TYPE prompt.
SCH6316	VMB is already configured on VAS VASID.
SCH6321	There are still Voice Mailboxes configured.
SCH6322	The Voice Mailbox Administration application is already configured.
SCH6323	The Voice Mailbox Administration application is not yet configured.
SCH6324	The Voice Mailbox Administration application must be disabled before it can be removed.

SCH6325 The Voice Mailbox Administration application has already been configured on another VAS link.

SCH6336 Out-of-Service unit only valid for NEW and OUT commands.

SCH6337 The specified card does not exist, so the unit cannot be marked Out-of-Service.

SCH6338 An attempt was made to provision an analog set in the same IPE slot as an existing ITG card.

Action: Re-enter TN within either an empty slot, or a slot with existing analog terminals.

SCH6339 ECHG of TIMP/BIMP only supported on XOPS card. In addition, TIMP/BIMP are not supported on the XOPS card when the CHINA package is equipped.

SCH6340 Invalid combination of TIMP/BIMP specified.

Supported combinations are:

600/600 (only when CLS = ONS)

900/900

600/3COM

900/3COM

600/3CM2

900/3CM2

SCH6341 You do not have access to Loss Planning data.

SCH6355 Loop cannot be added to the DCH because the maximum number of loops is already defined.

SCH6357 Interface change is not allowed for UIPE D-channels.

SCH6358 Interface change is not allowed for UIPE D-channels.

SCH6359 Backup DCH is not supported by the primary D-channel.

SCH6360 DCH move is not supported for UIPE D-channels.

SCH6372 MR value cannot be changed.

Action: Disable all trunks of the route first.

SCH6374 This response is only allowed when CDRX = NO in LD 16.

SCH6375 This DN is an OHOL DN. Only one 2/500 set can exist, and all other members must be M2616 sets and have CLS DELA.

SCH6376 Set must be M2616 with CLS DELA.

SCH6377 CLS DELD is invalid when set has LSPK key configured or a DN or HOT KEY configured with an OHOL DN (mixed appearance with 2/500 set with CLS SPKA).

SCH6378 Set with LSPK key or OHOL DN configured must have CLS DELA.

SCH6379 Attempt to configure a non conference or non XCT loop as a dealer or spare dealer loop.

SCH6380 Spare dealer conference loop already configured in the system. Only one spare dealer loop can exist per system.

SCH6381 The EUROISDN (EURO) package is not equipped.

Action: Equip package 261 and re-load if EURO ISDN is required.

SCH6382 SLPD or DLS tables have to removed before setting NATP prompt to YES.

SCH6383 NATP is disable and another pad functionality (static pad downloading, DLS or SLPD) has to be enable for XFEM, XFCOT or XDID cards on the system.

SCH6386 Input TN cannot mix route type with TCNZ interface.

SCH6387 Cannot get enough protected memory to build Advice of Charge Start of Call (AOCS) structures. AOCS supplementary service may not work properly.

Action: A possible solution is to remove some metered trunks, or to switch to AOCD or, AOCE supplementary services. If the message is output in LD 16, the member number of the first trunk for which the problem occurred is printed out.

SCH6388 ALT language database could not be loaded during previous disk OS start-up. Only help messages will be displayed in the alternate language (Option 81 only).

Action: Refer to messages issued during the previous restart for the reason why the alternate language database was not loaded. Correct the errors and do a warm start.

SCH6389 Cannot get enough protected memory to build Advice of Charge During the Call (AOCD) structures. AOCD supplementary service may not work properly.

Action: A possible solution is to remove some metered trunks, or to switch to AOCE supplementary services. If the message is output in LD 16, the member number of the first trunk for which the problem occurred is printed out.

SCH6390 Cannot get enough protected memory to build Advice of Charge End of Call (AOCE) structures. AOCE supplementary service may not work properly.

Action: A possible solution is to remove some metered trunks. If the message is output in LD 16, the member number of the first trunk for which the problem occurred is printed out.

SCH6391 lll Only PBX TNs can be configured on a phantom loop using Overlay 10.

SCH6392 lll mmm Do not copy, move, or swap between phantom and non-phantom loops.

SCH6393 Phantom DNs must be defined and unique.

SCH6394 This prompt, Class of Service, or feature cannot be configured on a phantom TN.

SCH6395 This prompt, Class of Service, or feature cannot be configured on a non-phantom TN.

SCH6396 Warning: A Phantom TN has been configured without a CFW or DCFW DN.

SCH6397 Invalid DCFW DN.

SCH6398 There are PVCs configured associated with the BRI line cards. The PVCs have to be removed in order to change the line cards, BRSC or MPH data.

SCH6399 MTRO Keyword table is corrupted.

SCH6400 XOPS can only be configured on XOPS card or unconfigured card. This is due to wiring differences between XOPS and other analog line cards.

SCH6401 Companding law chosen in INTN prompt to download to Peripheral Equipment in LD 97 is different from the PCML setting in the configuration record in LD 17.

SCH6402 This NTN does not associate to the PVC MPH.

SCH6403 The SCDR package is not equipped.

SCH6404 No other user types can be entered with MTC while XSM is yes.

Action: Due to the XSM hardware requirement, remove the XSM TTY configuration before you configure new users.

SCH6405 Class of service only valid for WRLS=YES.

Action: Change WRLS to YES.

SCH6406 WRLS only available on superloop (IPE) shelf.

Action: Make sure that the CMRC and/or CMCC are on an IPE shelf.

SCH6407	CLS DTN must be used if WRLS=YES. **Action:** Change CLS to DTN.
SCH6409	A protocol engine active (inactive) interface type is only allowed to be changed to another protocol engine inactive (active) interface type only if there is no DSL associated with the route (Overlay 16).
SCH6410	The route entered for BRIE APPL must have the protocol engine active; the route entered for BRIT APPL shouldn't have the protocol engine active (Overlay 27).
SCH6411	MPH application doesn't co-exist any other applications in a MISP card (Overlay 27).
SCH6412	The new MISP for this card does not have BRIE configured, but there is a BRIE DSL on this card (Overlay 27).
SCH6413	Cannot have IPE shelf with BRSC and trunk DSLs. When command is NEW BRSC, TN of Line Card with Trunk DSLs is printed. When command is NEW DSL, TN of BRSC is printed (Overlay 27).
SCH6414	ITNA option cannot be disabled when DGRP is defined.
SCH6415	DGRP is out-of-range. Valid DGRP is from 1-5.
SCH6416	Last AST key cannot be deleted when ITNA=YES.
SCH6417	ITNA option must be enabled and DGRP must be defined if a TN is configured on a BCS phantom loop.
SCH6418	ITNA option is not supported for an ACD agent or supervisor.
SCH6419	A BCS TN with ITNA=YES is not allowed to be copied to another TN.
SCH6420	Only BCS TN can be configured on BCS Phantom Loop via Overlay 11.
SCH6426	The Call Forward external allow/deny is only allowed for ETSI and NT-1 protocol.
SCH6427	Invalid supplementary feature.
SCH6428	Cannot delete this Call Forwarding unconditional service because it is activated now.
SCH6429	Cannot subscribe Call Forwarding unconditional for this call type because DN does not subscribe this call type.
SCH6430	ACD Agent or Supervisor cannot be configured on a BCS Phantom Loop.

SCH6431	Data block cannot be moved or swapped because either the source or the destination loop is BCS phantom loop.
SCH6432	CSL package is not equipped.
SCH6433	Standalone Mail Package is not equipped.
SCH6434	Could not add Standalone Meridian Mail server TN to server table.
SCH6435	Supplementary service is not defined in the database.
SCH6436	Invalid supplementary service.
SCH6437	There are supplementary services defined in the TSP (s) of this DSL.
SCH6439	To enable force, set RTQT to 0. To enable RTQT, set force to no.
SCH6440	Can only create phantom superloops on vacant superloops.
SCH6441	Cannot change an existing phantom superloop since there is no data associated to a phantom superloop to be changed.
SCH6442	SBR package 281 is required.
SCH6443	Must have SBRA Class of Service defined.
SCH6450	3wt requires DID trunk type.
SCH6451	Reminder: The lampaudit has been turned off. The message will be printed once every hour until the lampaudit is turned on.
SCH6453	VNS information still used, cannot be removed.
SCH6454	PSP not allowed for an XUT or EXUT.
SCH6455	BAT/ARF/LBS were entered at the same time.
SCH6456	PIP/PSP/BST STYP entered for an XCOT.
SCH6457	BBTS is not supported by this card type.
SCH6458	JCO was entered for a trunk that was not configured as a loop start, an XUT/EXUT, or the Japan Central Office Trunks (JPN) package 97 was not enabled.
SCH6459	No parameters entered for SYTP when SUPN was changed from NO to YES.
SCH6460	Warning: An SCPW must be defined for this set.

SCH6461 The ADMINSET package must be equipped.

SCH6462 Service not allowed for this set type.

SCH6463 Invalid character.

Action: SBA passwords must consist of digits only.

SCH6464 At least one option must be allowed.

SCH6465 Option not allowed for this access level.

SCH6466 Warning: Disallowed Installer level options have been cleared.

SCH6467 DRA is only allowed for DTI2 routes (DGTP=DTI2 in LD 16)

SCH6469 Warning: Equal Access toll call restriction was specified for this route, but no Equal Access toll calls were restricted.

Action: Either set EQAR to NO, or set on of the Equal Access toll call sequences to Deny (NTOL or ITOL).

SCH6470 Cannot OUT this customer because CPG Level Services is defined.

Action: Multi-Tenant Service with CPG Level Services defined must first be removed via Overlay 93. (REQ=OUT, TYPE=TENS, CUST=customer number)

SCH6471 No trailing blanks/spaces can be entered after the DN.

Action: Re-enter the DN correctly followed by carriage return.

SCH6472 Cannot OUT this customer because Multi-Tenant is defined.

Action: Multi-Tenant Service must first be removed via Overlay 93. (REQ=OUT, TYPE=TENS, CUST=customer number)

SCH6473 Cannot access the MARP TN for the current "MARP on TN l s c u" message when adding or changing a DN.

Action: Check the DN block and try the DN change again later.

SCH6474 This TYPE not allowed a repeat count for NEW input.

SCH6475 WARNING: The route being removed is the recorder route for Malicious Call Trace. Removing this route will cause the recorder to not be conferenced into the call when Malicious Call Trace is activated (unless a new recorder route is defined and MCRT in Overlay 15 is changed).

Action: Define a new recorder route and redefine MCRT in LD 15, or set RECD

to NO in LD 15.

SCH6476 WARNING: A Carriage Return has been entered for MCRT, but the route is not a recorder route or has no trunks defined.

Action: Enter a valid recorder route at MCRT or set RECD to NO.

SCH6477 Events: BRI Supplementary Service is using this CallType.

Action: Delete the BRI Supplementary Service that is using this CallType in this DN before CallType can be changed.

SCH6478 AHNT DN can be defined only if CLS = RTDA, RBDA or RBHA.

Action: Define CLS RTDA, RBDA, or RBHA before defining AHNT.

SCH6479 AEHT DN can be defined only if CLS = CFTA and at least one of RTDA or RBDA or RBHA.

Action: Define CLS = CFTA and at least one of RTDA or RBDA or RBHA before defining AEHT.

SCH6480 You cannot configure a CHG key without the Charge Account for CDR (CHG) package 23.

SCH6481 The card density of the source card (TN) and the destination card (TOTN) are different. The density of the destination card is used for the unit being moved.

SCH6482 CIST package 221 should be equipped. (Used for CLS = DNAA or DNAD, when package is not equipped).

Action: Equip CIST package 221 or choose another answer.

SCH6483 The number of M1 CT2 Mobility TNs in the system exceeded the number defined in the tape directory.

SCH6484 May not remove ACD DN when DN still exists on some supervisor's NSVC key.

SCH6486 AFD can be defined only if CLS = RTDA or RBDA or RBHA.

Action: Define CLS RTDA or RBDA or RBHA before defining AFD.

SCH6487 AEFD DN can be defined only if CLS = CFTA and at least one of RTDA or RBDA or RBHA.

Action: Define CLS = CFTA RTDA, or RDBA, or RBHA before defining AEFD.

SCH6488 If CLS = HTA and RTDA or RBDA or RBHA then AHNT must be defined.

Action: Define AHNT for the TN.

SCH6489 If CLS = HTA CFTA and any one of RTDA or RBDA or RBHA then AEHT must be defined.

Action: Define AEHT for the TN.

SCH6490 Cannot use "X" to delete AFD/AHNT/AEFD/AEHT DN.

Action: Change to CLS RTDD to remove AFD/AHNT/AEFD/AEHT.

SCH6491 Start minute or end/hour/minute for alternate time option not defined.

Action: Define all 4 fields that include the start hour, minute, and hour and end minute for the CRT x prompt.

SCH6494 List number already defined as Group Hunt list.

SCH6495 Warning: 0 means the Station Control Passwords will no longer be required for User Level Access to Set Based Administration

SCH6496 Overlay 35 is no longer supported for this machine type.

Action: Replace Overlay 35 with Overlay 135.

SCH6497 TYPE = PWR only allowed for REQ=NEW or OUT.

SCH6498 PVR, PVN do not allow multiple appearance DN.

SCH6504 Illegal billing number length change.

Action: If length is changed, a new billing number is required.

SCH6505 FFC and NFCR package/packages must be equipped.

SCH6507 CDTI2 prompt was answered with YES but this causes some discrepancy - the type of adjacent loop on the same common equipment shelf's card slot is unsuitable (it may be only DTI2 or undefined). CDTI2 is reprompted. This case is not relevant for Option 11.

Action: DCE1 is reprompted. Check the adjacent loop type (by CFN printing inLD 22) and, perhaps, precise loop definitions in LD 17.

SCH6508 An attempt to define an unsuitable loop on the common equipment shelf's card slot, on which there is already a CIS DTI or CDTI2 card defined.

Action: The second loop to be defined on such a card slot must be DT12 only.

SCH6509 cnty Invalid IFC/CNTY combination. This message may indicate that a user has entered an APISDN CNTY for EURO IFC, or an EURO CNTY for the APISDN IFC.

SCH6510 The Collect Call Blocking (CCB) package 290 is not enabled.

Action: Equip CCB package and reload if CCB is required.

SCH6511 Route changed to OGT. CCB is set to NO.

SCH6512 Route type changed to ICT. CCBA is set to NO.

SCH6514 NFCR must = YES in the customer data block.

SCH6515 At attempt to define a digital trunk on CDTI2 with CISFW = YES in a route which is neither ICOG = OGT (and TYPE = COT) nor ICOG = ICT (and TKTP=DID).

Action: Check the route data block definition and change it if necessary in LDs 21 and 16.

SCH6516 An attempt to define SIGL = CIS in LD 14 for analog trunk on IPE CIS three wire trunks card in the route which is neither ICOG = OGT nor ICOG = ICT (and TYPE = DID).

Action: Check the route data block definition and change it if necessary by LDs 21 and 16.

SCH6517 An attempt to define a signaling related CLS's other than DIP/DIPF in LD 14 for a digital trunk on CDTI2/CSDTI2 with CISFW= YES.

Action: Enter CLS = DIP / DIPF or check CDTI2 prompt in LD 73 for given loop.

SCH6518 P METR (R) prompt in LD 73 was not answered with "N" for loop on CDT12/ CSDT12 card (CDTI2 = YES). P METR (R) is reprompted until the "N" answer will be entered. Note that "carriage return" entering in this case is allowed only if P METR (R) = N was already defined earlier.

Action: Enter the "N' or check definition for prompt CDTI2.

SCH6520 Valid BTD Table is in the range from 0 to 7.

Action: Enter a number from 0 to 7.

SCH6521 Valid Cadence Phase length is in the range from 0 to 1500 milliseconds.

Action: Enter a number from 0 to 1500

SCH6522 Two BTD Phases must be entered to describe the cadence.

Action: Enter values for two phases.

SCH6523 If the first BCAD phase is 0, both phases must be 0.

Action: Enter 0 for both phases.

SCH6524 BTD package must be equipped.

Action: Add Busy Tone Detection Tone (BTD) package 294.

SCH6525 BTD table 0 cannot be removed

SCH6526 BTD table must be defined in Overlay 97

SCH6527 Required BTD table does not exist.

Action: Check if the correct BTD number has been entered.

SCH6528 NI2 is entered at the IFC prompt in LD 16 or LD 17. However, North America National ISDN Class II Equipment (N12) package 291 is not equipped.

Action: Equip package 291 and reload if NI2 Primary Rate Interface is required.

SCH6529 Digital Trunk Type (DGTP) must be PRI for NI2 interface.

SCH6533 DN is already defined.

Action: The PINX DN should be a nonexisting DN selected in the customer's numbering plan.

SCH6534 The Speed Call list specified is not defined.

Action: Define the Speed Call list in LD 18 or input an existing Speed Call list number.

SCH6535 BAT/ARF/LBS STYP requires an XCOT.

SCH6536 The response TAT is not allowed if Trunk Antitromboning (TAT) package 312 is not equipped. RCAP is reprompted.

Action: Equip Package 312 and reload to enter TAT feature.

SCH6537 The response TAT is allowed for only D100 / SL-1 / S100 / D250 and Release 21 or higher for SL-1.

Action: Check the IFC and RLS prompts.

SCH6538 The response TAT is not allowed when VTRO =YES.

Action: In LD 17, set VTRO = NO

SCH6539 The response TAT is not allowed if at least one route associated with this D-channel has TRO option on.

Action: In LD 16, turn off TRO options in all routes associated with this D-channel.

SCH6540 The response TRO is not allowed if the D-channel associated with this route has TAT set in RCAP

Action: In LD 17, set XTAT in RCAP of the associated D-channel configuration.

SCH6541 MFC on 1.5 Mb/s DTI is not supported.

SCH6542 ADL feature must be equipped for BNRA Class of Service. Class of Service is changed to BNRD.

SCH6543 FFC or ADL package(s) must be equipped.

SCH6544 Two-star (**) and/or four-star (****) abort is not allowed during the critical sessions of adding (NEW), changing (CHG) or deleting (OUT) the data.

Action: To abort the session, enter carriage return for each prompt except SLV3 and SLV6 prompts. For SLV3 and SLV6 prompts, enter NXX and SUB responses respectively.

SCH6545 VTRO is not allowed if TAT is set in the RCAP

Action: In LD 17, set XTAT in RCAP of the associated D-channel configuration.

SCH6546 Route and member are not allowed if this route has TRO and the associated D-channel has TAT set in the RCAP

Action: In LD 16 turn off TRO or in LD 17, set XTAT in RCAP

SCH6547 TRO or TAT ios not allowed if TAT package 293 is not equipped.

SCH6548 Invalid Privacy Indicator entered for DTPI or DPPI prompt.

SCH6549 CLBA/CLBD is not allowed if Calling Party Privacy (CCP) package 301 is not equipped.

SCH6550 CPNW list already exists for this customer

SCH6551 CPNW list does not exist for this customer

SCH6552 ISDN package 145 is needed for CPNW feature

SCH6553 Warning: Adjacent loop is a DTI2 loop defined as being on a CDTI2 card. This loop must be defined in LD 73 as CDTI2=YES or the adjacent loop must be changed to CDTI2=NO.

SCH6554 Warning: Adjacent loop is DTI2 loop with CDTI2 prompt defined differently from this loop. Such a discrepancy must be removed by defining the same CDTI2 value for the adjacent loop.

SCH6575 .REMOTE_IPE_I is not equipped.

SCH6576 Missing LCRI S/W from disk.

SCH6577 Cannot change SUPT in the defined superloop.

SCH6578 File I/O: error string - database access error.

SCH6579 Conf: error string - configuration error.

SCH6583 China Attendant Monitor Package (CHINA) package 285 is not equipped. Options AMA/AMD/TOA/TOD cannot be entered in LD 15.

Action: Equip package 285 and re-load if Attendant Monitor is required.

SCH6592 Warning: Table has been removed. Using Overlay 20, ensure that this BTD table is not assigned to any trunk card.

Action: Print out blocks using Overlay 20 and check BTDT number.

SCH6593 BTS is not supported on Japan trunks and is no longer required.

SCH6594 BTS is only supported on CO trunks with loopstart signalling.

SCH6595 IFC type and Loop type mismatch. This message may indicate that a user has entered a PRI loop as DCHL for a PRI2 IFC, or visa-versa.

SCH6596 When updating SDID tree after the change in the IDC tree, a SDID tree branch is found missing, which indicates there was an inconsistency between the SDID and the IDC tree.

Action: Process as normal. The inconsistency is removed automatically.

SCH6597 Invalid input for NATP.

Action: 1. Enter YES for North American Transmission Plan.

2. Enter NO for other transmission plans.

SCH6598 FLEN must not be less than the length of the longest SDRR plus the length of the SPN.

SCH6599 Suppress has to be greater than ESCALATE.

SCH6600 Default ESCALATE has to be smaller than current SUPPRESSION.

SCH6601 The ALRM_FILTER package is restricted.

Action: The requested action is denied.

SCH6602	System Event List is empty. **Action:** None. Events cannot be printed.
SCH6605	Duplicate event.
SCH6606	Escalate must be less than suppress.
SCH6607	Event not in Event Preference Table.
SCH6608	Invalid escalate.
SCH6609	Invalid event id.
SCH6610	Invalid new size; out of valid range.
SCH6611	Invalid severity.
SCH6612	Log resize aborted.
SCH6613	Log resize failed.
SCH6614	Missing event id.
SCH6615	New suppress threshold is out of valid range.
SCH6616	Suppress must be greater than the maximum escalate value in the event preference table (EPT).
SCH6617	Timer value is out of valid range.
SCH6618	Event Preference Table (EPT) is full.
SCH6619	Call Park data block number out of range. The valid range is 1-5. **Action:** Enter valid input.
SCH6621	Trying to change/out/print a data block that does not exist. **Action:** Enter a Call Park Block that is defined in the customer database.
SCH6622	Mutually exclusive supervision types entered.
SCH6623	Must create data block 0 before creating other data blocks.
SCH6624	Must delete/out other data blocks before deleting/out data block 0. **Action:** Remove all the Secondary Call Park Blocks first.

SCH6625 Invalid input. For card 0, units 0-7 must all be of the same type and units 8-15 must all be of the same type.

SCH6626 Invalid input. For card 0, the valid unit range for MFC/MFE/MFK5/MFK6/MFR units is 8-11.

SCH6627 ARDL package is not equipped (Overlay 11, 16, 81).

SCH6628 ARDL feature is not allowed for SL-1 and ARIES sets only (Overlay 11).

SCH6634 This DN cannot be used as it would create an illegal multiple appearance of the data DN of a dynamic voice/data TN.

SCH6635 DTM key could not assigned with current set configuration. The DTM key has been removed.

SCH6636 Only one DTM key is allowed per TN.

SCH6638 PGND/PGNA is not a valid input. The PAGENET package is not equipped.

Action: Contact your technical support group for correct package configuration.

SCH6639 PTU Package not equipped.

Action: Equip PTU package and reload if PTU package is required.

SCH6640 Cannot change agent ID mode (AID) to “no” if MQA option is enabled. MQA option must be disabled first.

SCH6641 Cannot remove an ADS block if the MQA option is enabled first, which requires the MAX HSL to be disabled.

SCH6642 The MQA option cannot be changed (“yes” to “no” or “no” to “yes”) if the High Speed is up.

SCH6643 The Report Control Option cannot be disabled if MQA agents belong to the queue.

SCH6644 An MQA agent has logged into this queue since the Report Control option (RPRT) was changed. Since this option cannot be disabled when MQA agents are serving the queue, the option is reset to its original value (“yes”).

SCH6645 Only one ADS block per system can have MQA enabled.

SCH6646 A pilot DN of USE=SLCU (Speed Call List User) cannot be a member of the Speed Call list it accesses.

SCH6647 The ACD DN specified is not compatible with MQA. Specifically, one of the following is true for the ACD DN specified: IVMS, IMS, IVR, or DAL is enabled, or RPRT is disabled. This message is just a warning. The ACD DN specified will be assigned to the agent, but the agent set can no longer be an MQA ACD agent.

SCH6649 Cause: VNS DN ALREADY DEFINED the response cannot be accepted because at least one VDN is already defined in another VDN block, Impact: the response is not accepted and VNDN is prompted again. Output data: no output data.

Action: Check which VDNs are already defined and configure blocks of DNs without them.

SCH6650 Missing FNET L/W/ from disk.

SCH6651 Missing FPEC L/W from disk.

SCH6652 The superloop specified is not configured as a Fiber Remote superloop.

SCH6653 TN on Phantom DTI2 loop must be TIE or DID.

Action: Restart LD 14 and answer TIE to the prompt TYPE, or answer the prompt TN by choosing a loop which is not defined as a Phantom DTI2 loop.

SCH6654 Cannot move a TN located on a Phantom DTI2 loop.

Action: Restart the LD14 and answer NEW to the prompt REQ, or answer the prompt TN by choosing a loop which is not defined as a Phantom DTI2 loop.

SCH6655 n Error during the ISPC trunk configuration.

Where n = the error cause:

1. ISPC Reference number already exists. In Overlay 14, in answer to the prompt SREF, an ISPC reference number which is already configured for the system, is not allowed.

2. The trunk must be a TIE trunk.

3. The trunk must be configured with the DTN class of service.

4. Data corruption with the route pointer.

5. The route is not an ISL route.

6. The trunk is not a DID trunk.

7. The route is not configured with DSEL=DTA.

8. The route must not be an ISL route.

9. The route is not configured with DLTN=YES

10. The route is not configured as incoming.
11. The route is not configured with PRDL=BSY
12. The route is not configured with DTD=YES
13. The route is not configured as outgoing.
14. The route is not configured with NEDC+ETH
15. The route is not configured with FEDC=ETH
16. The route is not configured with CPDC=NO
17. DDD_PACKAGE is restricted.

Action: Check the validity of the SPC reference number provided by the telecommunication administration.

SCH6656 The ISPC package 313 is mandatory to configure a Phantom DTI2 loop.

Action: Enable the ISPC Package 313 and reload the PBX if Phantom DTI2 loop is required.

SCH6657 You are not allowed to create more than one TN at the time on a Phantom DTI2 loop.

Action: To configure more than one TN on a Phantom DT12 loop, complete the command sequence in LD 14 for each additional TN.

SCH6658 Service change is not allowed on unit currently involved in a Broadcast call.

SCH6659 CLID entry no defined for the customer.

SCH6660 Service change is not allowed on this TN since it is currently pending for this application Login or logout event.

SCH6661 Request to create a DISA block for the customer is not allowed. The customer already has 240 DISA Blocks defined.

SCH6662 This set type cannot have the FLXA class of service.

SCH6663 A DTM key cannot be on key 00.

SCH6664 The FLXA class of service is required for a voice TN on a high unit or a data TN on a low unit.

SCH6665 The VDN block does not exist. In overlay 79, the VDN entered at the prompt VNDN is not accepted when the request is OUT, DIS, or ENL.

Action: Enter a correct value, which must be the first VDN of an existing

VDN block.

SCH6666 The maximum number of VDN's for a customer has been exceeded. The FLXA class of service is required for a voice TN on a high unit or a data TN on a low unit.

Action: Re-enter a number for your VDN block which does not exceed your customer limit.

SCH6667 The change is not accepted because VNS calls are still using this D-channel.

Action: All calls using this D-channel must be cleared before VNS parameters of the D-channel can be modified.

SCH6668 Card 0 not supported in this overlay.

SCH6669 WARNING: New MFC/MFE/MFK5/MFK6 units on Card 0 can only be enabled by ENLX in LD 34.

Action: After configuration of these units, go into LD 34 and perform ENLX 0.

SCH6670 QSIGGF package is restricted.

SCH6672 Master Mode package is restricted.

SCH6678 Supervised DIDs: JDID requires Japan Trunk Package (97), loop start signalling and XUTJ pack.

SCH6679 Warning: The prime key does not have any of the following functions: SCR, MCR, SCN, MCN, ACD. The model is invalid for Automatic Set installation.

SCH6680 Only JDID and BTS CLS are allowed for Loopstart DID trunks.

SCH6681 CPK is not a legal response because the release ID at the far end is below rls22 or the interface type of the D-channnel is not SL1.

Action: Change the release ID or change the interface type.

SCH6682 CPK is not a legal response because the package, CPRKNET, is not equipped.

Action: CHNge the package restriction.

SCH6683 The position ID cannot be changed while this agent is acquired.

SCH6684 This DN cannot be used with a DTM key as it is already in use.

SCH6685 NAC is not a valid RCAP; BRI route IFC configuration is not SL1.

SCH6686 RCAP is changed to XNAC due to incompatible IFC configuration.

SCH6687	NAC is not a valid RCAP. The D-channel IFC configuration is not SL1; or RLS configuration is less than 22.
SCH6688	RCAP is changed to XNAC due to incompatible RLS configuration.
SCH6689	Customer option is changed to CPD due to Call Park database memory allocation problem.
SCH6690	FLXA class of service is allowed only on Aries sets connected to XDLC cards.
SCH6691	The associated DSLs must be removed before changing the BRIT route interface type to ISGF or ESGF.
SCH6692 x1	x1 = % Invalid input when the MMCS package is not equipped.
SCH6693 x2	x2 = % DTIM should be defined to have PRDL=DNIS
SCH6694 x3	x3 = % The route is not DNIS.
SCH6695 x4	x4 = % Invalid entry for FDG, FEX and WATS routes.
SCH6696 x5	(x5 = % INDI + NDGT) greater than or equal to 31 is not acceptable for autoterminate routes.
SCH6697 x6	x6 = % DTIM only supported for DID, TIE or IDA trunks.
SCH6698	There is a conflict in the configuration of RCAP and NASA, i.e. if RCAP's CPK is set, then NASA is not allowed to be defined as "NO". **Action:** Change either configuration as needed.
SCH6699	CAB number out of range.
SCH6700	Invalid TTY_TYPE.
SCH6701	Only 1 TTY allowed per expansion cabinet.
SCH6702	There is no TTY configured on this expansion cabinet.
SCH6703	Only 4 TTYs with TTY_TYPE PTY may be configured.
SCH6704	Only 3 TTYs with TTY_TYPE LSL may be configured.
SCH6705	Invalid FLOWTYPE.
SCH6706	Invalid FLOWTYPE for Low Speed Link on Card 0.

SCH6707	LSL and XLSL not valid on Option 11C.
SCH6708	Low speed link not allowed on Card 0 Port 0.
SCH6709	CLID block is not defined in the Customer Data Block.
SCH6710	A warning message. CLID Entry is not defined n the CLID block of the Customer Data Block. The CLID Entry is stored in the database.
SCH6711	No trailing blanks/spaces can be entered after the CLID entry. **Action:** Enter {CR} after the CLID entry.
SCH6712	The input for the CLID entry should be an integer or a “D”.
SCH6713	Cannot decrease CLID table size. Entries to be removed are not empty. **Action:** Remove the unnecessary CLID entries first. Then decrease the CLID table entry size.
SCH6714	CLID Entry or Entries are not defined since the entry or entries are not configured.
SCH6715 x7	x7 = x7 % DTIM not supported for routes with ISL mode.
SCH6720	One or more of the packages to operate the OPEN_ALARM feature is missing. This feature requires the following packages: MAT, ALARM_FILTER and OPEN_ALARM.
SCH6722	Digit Insertion function does not support SPRE/FFC digits. **Action:** Users may dial manually.
SCH6723	Cannot “out” a dch/dsl while there are call-independent connections on the dch/dsl interface.
SCH6755	CLID entry D is not allowed to be assigned to all the DN keys on the set. **Action:** Assign a non-D CLID entry to the DN key of the BCS set.
SCH8781	DCHI or BCHI cannot be 0. **Action:** Enter new value 1 - 15.
SCH8782	PIP/PSP not available without MR or SUPP. (This message only applies to X11 Release 19 and earlier)
SCH8783	The monitored or monitoring set cannot be moved or copied.
SCH8784	The Busy/Forward Status package is restricted. BFS key is not allowed.

SCH8785	An invalid TN has been entered for the Busy/Forward Status (BSF) key.
SCH8786	The monitored set is on a different customer.
SCH8788	The monitored set may not have an ACD-DN.
SCH8789	The set is already monitored by 16 other sets.
SCH8790	The telephone is already monitored by 16 other telephones.
SCH8791	Monitored telephone cannot be BRI.
SCH8798	RPE2 data block has not been created by LD 52.
SCH8799	Operation not allowed. **Action**: Remove loop from RPE2 group. Use LD 52.
SCH8802	Illegal answer to prompt TASK.
SCH8803	Group is spared.
SCH8804	Command is NEW and group exists.
SCH8805	Command is CHG or OUT and group does not exist.
SCH8806	{CR} only allowed for PRT on GRP prompt.
SCH8807	Command is not NEW and RPE2 data does not exist.
SCH8811	CORP/CORX can only be configured on 2.0 Mb digital CO trunks if the International Supplementary Features (SUPP) package 131 and the DTI2 package 129 are equipped.
SCH8813	Group Hunt pilot DN function is not supported.
SCH8814	PLDN entered is invalid.
SCH8815	PLDN size is out-of-range.
SCH8816	Customer is undefined.
SCH8817	PLDN package is unequipped.
SCH8818	TN translation has failed.
SCH8819	Unable to obtain a PDS/UDS.

SCH8820	The DN entered is not valid for the GHT list.
SCH8821	The LIST TYPE does not match REQ TYPE.
SCH8822	The associated PLDN must be removed first.
SCH8823	The GHT list number is out-of-range.
SCH8824	The PLDN and GHT customer numbers do not match.
SCH8825	The DN must first be removed from the GHT list.
SCH8826	The GHT list is already associated with another PLDN.
SCH8827	PLDN USE and LIST TYPE do not match.
SCH8831	Password does not exist.
SCH8832	Cannot remove logged on password.
SCH8833	Only administrator is allowed to print audit trail.
SCH8834	The occupied buffer area larger than the requested size and therefore cannot be reduced. **Action:** Print buffer first.
SCH8835	Invalid LAPW password option selected.
SCH8836	Password has print-only Class of Service.
SCH8837	Audit Trail buffer size must be 50-1000 and divisible by 50.
SCH8838	LAPW users are not allowed to print SPWD passwords.
SCH8839	User is restricted from printing Speed Call List.
SCH8840	Feature is not available without LAPW package.
SCH8841	User does not have access to this data.
SCH8842	Valid password must be entered.
SCH8843	Only 32 CUSTOMER TENANT combinations are allowed.
SCH8844	This tenant is already allowed/denied for this customer.
SCH8845	Password conflicts with existing passwords.

SCH8846 Illegal character entered for password. Must be 0-9, A-Z, or a-z.

SCH8847 Warning: Display DN does not start with an ENP pilot DN.

SCH8848 ICP cannot co-exist with anything else.

SCH8849 xxxx This is an X20 error message:

Where xxxx =

139 : Channel number out-of-range

219 : Cannot configure analog trunk in digital route

279 : Unable to match input field with stored mnemonics

597 : Required number of TN blocks not configured or removed because maximum channel number was reached

969 : Burst parameter cannot have a value less than that of the replenishment parameter

970 : Unable to match input field with stored mnemonics

971 : Invalid response

972 : Input out-of-range

974 : DTSL/DDSL specified is not configured as a public network link

1300 : Wrong number of input fields for prompt DTSL/DDSL (DPNSS)

1301 : DTSL/DDSL number out-of-range (0-159) (DPNSS)

1302 : DTSL/DDSL block already exists (DPNSS)

1303 : DTSL/DDSL block does not exist (DPNSS)

1304 : No DTSL/DDSL blocks exist (DPNSS)

1305 : Signaling link still in service (DPNSS)

1306 : DTSL/DDSL still enabled (DPNSS)

1307 : DTSL number does not belong to a DASS signaling card (DPNSS)

1308 : DTIB/DTOB must be set up in LD 17. Digital trunk input/output buffers are zero. (DPNSS)

1310 : Wrong number of input fields in response to LTYP prompt (DPNSS)

1311 : Unable to match input with stored mnemonics (DPNSS)

1315 : Unable to match input with stored mnemonics (DPNSS)

1316 : Wrong number of input fields (DPNSS)

1317 : Number out-of-range (DPNSS)

1320 : Wrong number of input fields in response to DDCS prompt (DPNSS)

1321 : DDCS number out-of-range (DPNSS)

1322 : DDCS not configured (DPNSS)

1329 : Cannot out a DTSL/DDSL if a channel is configured«

1330 : Wrong number of input fields for prompt DTSL/DDSL (APNSS)

1331 : DTSL/DDSL number out-of-range (0-159) (APNSS)

1332 : DTSL/DDSL block already exists (APNSS)

1333 : DTSL/DDSL block does not exist (APNSS)

1334 : No DTSL/DDSL blocks exist (APNSS)

1335 : Signaling link still in service (APNSS)

1336 : DTSL/DDSL still enabled (APNSS)

1338 : DTIB/DTOB must be set up in LD 17. Digital trunk input/output buffers are zero. (APNSS)

1340 : Wrong number of input fields in response to LTYP prompt (APNSS)

1341 : Unable to match input with stored mnemonics (APNSS)

1345 : Unable to match input with stored mnemonics (APNSS)

1346 : Wrong number of input fields (APNSS)

1347 : Number out-of-range (APNSS)

1350 : Wrong number of input fields in response to DDCS prompt (APNSS)

1351 : DDCS number out-of-range (APNSS)

1352 : DDCS not configured (APNSS)

1355 : DDSL mismatch

2071 : Package not configured

2073 : IDA route cannot be changed to non-IDA and vice versa

8000 : PBX Reference Number does not begin with Location Reference Number (Warning only—entry as accepted)

8001 : NCOP transmission must be used

SCH8850 Route List Block (RLB) does not exist.

SCH8851 Input out-of-range (0-999).

SCH8852	ESN data block does not exist.
SCH8853	Input out-of-range (1-10).
SCH8854	Input out-of-range (2-8).
SCH8855	Route List Block (RLB) with Digit Manipulation Index (DMI) is invalid.
SCH8860	Tenant number out-of-range (0-511).
SCH8861	Link used by other customer.
SCH8862	Cannot change set with IRGA CLS from AAPBX.
SCH8863	Cannot change set with IPNA CLS from AABCS.
SCH8864	Cannot use IRGA/IRGD together with NEW X command.
SCH8865	Cannot use the OUT command on a set with IRGA CLS.
SCH8866	ICP cannot be removed with agents still defined.
SCH8867	ICP cannot be set up for an ACD DN with agents.
SCH8868	Response NO not allowed when ICP is defined.
SCH8869	Cannot remove a tenant which is owner of ICP.
SCH8870	Cannot remove MC when ICP is allowed.
SCH8871	ICDN must be entered.
SCH8872	Maintenance message out-of-range (0-9).
SCH8873	Maintenance message must be entered (0-9).
SCH8874	APL not defined for ICP in LD 17.
SCH8875	APL number must be entered (0-15).
SCH8876	Cannot decrease NIPN when higher IPN/IRG defined.
SCH8877	Cannot remove ICP when ACD group defined for APL.
SCH8878	Cannot remove ICP when IPN/IRG sets exist.
SCH8879	Terminal/printer number must be entered (0-{NIPN}).

SCH8880	Both DSET and DCON packages must exist.
SCH8881	Must be quad loop for digital console.
SCH8882	LANG number out-of-range (0-15) for digital console.
SCH8883	Primary and secondary TNs must be on the same Loop, Shelf and Card.
SCH8884	Unit number out-of-range for digital consoles.
SCH8885	Warning: The active password length is changed only if new configuration data is dumped, and a complete data load and program load takes place.
SCH8886	Cannot remove customer while Flexible Feature Code tree exists.
SCH8887	An invalid value for the Electronic Lock password was entered.
SCH8888	The Station Control Password can only use digits 0-9.
SCH8889	CEPT default does not match the password length defined in LD 15.
SCH8890	Digit entered for REP causes replacement CEPT code to conflict with existing DN.
SCH8891	Maximum number of FFCs outed in this pass.
SCH8892	FFC was defined earlier in this program.
SCH8893	Specified DN conflicts with an existing DN.
SCH8894	Package is not equipped. **Action:** Contact your technical support group.
SCH8895	FFC code does not exist.
SCH8896	FFC data does not exist.
SCH8897	FFC data already defined for a customer.
SCH8898	FFC package is not enabled.
SCH8899	511 is an invalid entry for a ring cadence.
SCH8900	No FDTD table configured.
SCH8901	COOP package is not equipped.

SCH8902	Pointer to COOP_CPG_ICCOUNT array not defined.
SCH8904	Cannot define a non-terminal loop as a GEC loop.
SCH8905	Cannot set subtype if TYPE = TIE.
SCH8907	Cannot use OUT command on console with ICP.
SCH8908	Cannot use OUT command on a set with IPNA CLS.
SCH8909	ICP already configured for this customer.
SCH8910	Packages 35 (IMS), 40 (BACD), 46 (MWC), 109 (APL), 131 (SUPP), and 139 (FFC) must be included.
SCH8911	Terminal/printer number is already used.
SCH8912	Terminal/printer number out-of-range (0-99).
SCH8913	ICP is not configured for this customer or tenant.
SCH8914	FDTD table does not exist.
SCH8915	Trying to remove a nonexistent digit sequence.
SCH8916	Table full, no more sequences allowed.
SCH8917	FDTD digit sequence already exists in table.
SCH8918	FDTD table does not exist (REQ = OUT/CHG).
SCH8919	FDTD table exists (REQ = NEW).
SCH8920	OPCB package is restricted.
SCH8921	Invalid entry for ALDN. ALDN can only be configured on a CHG command.
SCH8922	DN conflicts with ALDN.
SCH8923	Input number is out-of-range (0 - 10). **Action:** Choose a number 0 - 9.
SCH8924	Category code out-of-range (1-10).
SCH8925	No current entry in list.
SCH8926	At least one of call types CDPC/TOLL/ALRM/TNDM/SSUC/NDGT must be set.

This error message may appear if NDGT is answered with 0(NDGT is now the last prompt among SSDG's call type marks).

This error message may appear if SSUC is answered with NO (SSUC is now the last prompt among SSDG's call type marks).

Action: Set at least one of the call types CDPC/TOLL/ALRM/TNDM/ SSUC/NDGT

SCH8927 SSL not applicable to move command.

SCH8928 SSL list already full (100 entries).

SCH8929 SSL entry out-of-range (0-9999).

SCH8930 SSL entry does not exist.

SCH8931 Category code out-of-range.

SCH8932 List number out-of-range (0-15)

SCH8933 SSL list does not exist

SCH8934 HWTT input out-of-range (0-600).

SCH8936 Same digit cannot be assigned to two programmable control digits.

SCH8948 LAPW - Print Speed Call List is not allowed.

SCH8949 Digital set cannot have LVXA Class of Service.

SCH8950 ACD set cannot have LVXA Class of Service.

SCH8951 Cannot have MTA and LVXA Class of Service.

SCH8952 CMOP - Package is not equipped.

SCH8953 TVT - Volume key may not be changed using Attendant Administration.

SCH8954 TVT - Only one of Volume Up/Down keys are configured.

SCH8955 TVT - Attempt to define a non-terminal loop as a TVT loop.

SCH8956 TVT - Before changes to OGTPECL/DCTI must be reset.

SCH8957 ICP data is not copied.

SCH8958 This set does not have IPNA CLS.

SCH8959	This set does not have IRGA CLS.
SCH8960	ICP package 143 not equipped.
SCH8961	PPM - Input value out-of-range (0-9999 inclusive).
SCH8962	PPM - Input value out-of-range (0-15 inclusive).
SCH8963	Warning: Port has been configured as a background terminal.
SCH8964	PPM - Input value out-of-range. Value must be (0-3).
SCH8965	PPM - Input value out-of-range. Value must be (0-7).
SCH8966	PPM - Input value out-of-range. Value must be (0-28).
SCH8967	PPM - Input value out-of-range. Value must be (0-23).
SCH8968	PPM - Input not allowed; only allowed for daily print.
SCH8969	PPM - No space allowed after second hour input.
SCH8970	PPM - No prime DN specified. MRA CLS changed to MRD.
SCH8971	PPM - MR package is not equipped.
SCH8972	PPM - Meter associated with this set/route is being deleted.
SCH8973	ALP - Input is out-of-range (0-7) for APAD in CDB.
SCH8974	DTI2 - Route is not a 2.0 Mb/s digital route.
SCH8975	DTI2 - PAD category does not exist.
SCH8976	DTI2 - JDMI package not equipped.
SCH8977	DTI2 - Route is not a JDMI route.
SCH8978	DTI2 - 1.5 Mb/s DTI is invalid for private line routes.
SCH8979	DTI2 - DTA is an invalid DSEL for RML and RLT routes.
SCH8985	TBAR - Invalid group hunt member encountered all routes are assigned ART # O.
SCH8986	SUPP package 131 not equipped.
SCH8987	TBAR - ARTs do not exist.

SCH8988	TBAR - out-of-range (1-63).
SCH8989	TBAR - ART already exists.
SCH8990	RAN, MUSIC, AWU, and CAS routes cannot be barred.
SCH8991	AFBT cannot be greater than AFNT.
SCH8992	MPO package is not equipped.
SCH8993	AFBT is greater than AFNT, AFBT has been set to.
SCH8994	Cannot delete ART as it is used as default.
SCH8995	MCT & MFC packages must be equipped.
SCH8996	RART, REQ = NEW, or OUT is disallowed. New routes are created/removed using LD 16.
SCH8997	0, 1, and 2 are the only inputs allowed for RVDL.
SCH8998	RCDT, REQ = NEW, or OUT is disallowed.
SCH8999	ART not defined for ART number entered.
SCH9002	CDN cannot be allowed as night DN.
SCH9949	GPT Integrated Digital Access Service Change x x x x x.
SCH9952	Call Forward All Calls DN size exceeds M2317 or M3000 maximum length of 23 digits. **Action:** Enter the correct number of digits between 4 - 23.
SCH9953	Class of service FLXA/VCE is required for a DTM key.
SCH9954	This set cannot be copied as it contains a DTM key. The DTM key must first be deleted before copying to prevent a multiple appearance of a data DN.
SCH9955	It is not allowed to configure a phantom DTI2 loop as tracking for the clock controller. **Action:** Enter another loop number.
SCH9959	FCDR is set to OLD whereas CDRM was previously equal to YES. As it is incompatible for CDRM feature, DUR5 is reset to NO.

SCH9960 CDRM is set to YES whereas DUR5 was previously set to YES. As it is incompatible for CDRM feature, DUR5 is reset to NO.

SCH9962 In Overlay 25, the commands MOVE and SWAP are not allowed on a phantom DTI2 loop.

SCH9974 ISL mode not supported with MIF feature.

SCH9981 MMSN data is in use and cannot be cleared.

Action: Remove all mportbl sets defined with VISI = YES before removing MMSN.

SCH9982 A mportbl set defined as Visiting may not be assigned a multiple appearance DN.

Action: Assign a unique DN on key 0.

SCH9996 This MWI NSI table does not exist.

Action: Enter the Manufacturer Identifier of the MWI NSI table on which to work or {CR}.

SCH9997 Character our-of-range A to Z. MFID is re-prompted.

Action: Enter a character inside the valid range or {CR}.

SCH9998 An attempt was made to set FNP to NO in LD 15.

Action: All data associated with FNP must be deleted prior to setting FNP to NO. In LD 15, set VNR to NO. In LD 87 and LD 90 set all FLEN to 0. In LD 86 set FSNI and MXFS to 0, MXDM and MXRL to 0-256, AC1 and AC2 to 0-99. In LD 24, set DFCL to a 7 or 10 digit length value.

SCSI: Small Computer System Interface

SCSI messages appear when problems are encountered relating to the SCSI low level software.

SCSI messages

SCSI0001 Unable to initialize Interrupts for SCSI.

SCSI0002 Unable to initialize floppy drive x.

SCSI0003 Unable to initialize SCSI controller on IOP.

Action: Be sure IOP is in place and enabled.

SCSI0004 x File system initialization failed for floppy x.

SCSI0006 Floppy Disk INIT: Block device INIT failed for CMDU x.

SCSI0008 x Floppy Disk: Unknown floppy controller in CMDU x not supported.

SCSI0009 x Hard disk in CMDU x is not responding.

SCSI0010 x y Hard Disk Test: Partition x in CMDU y is not initialized.

Action: Reinstall software from installation disks.

SCSI0011 w x y z Read Test: Read failed near sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0012 x Floppy drive in CMDU x is not responding.

Action: Check the CMDU power, and IOP to IOP cables.

SCSI0013 Floppy Disk Test: Floppy disk is not initialized.

SCSI0014 x y CMDU x is not active, using CMDU y.
Action: Check the CMDU power, and IOP to IOP cables.

SCSI0015 Hard Disk Init: Both hard disks are disabled. Check CMDU power, and IOP to IOP cables.

SCSI0016 x File system initialization failed for x. Reinstall software from installation disks.

SCSI0017 w x y z Error writing to floppy disk, sector w, errNo x, sense y, addSense z.
Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0018 w x y z Error reading from floppy disk, sector w,errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0020 No response from hard disk in both CMDUs, or hard disks were incorrectly initialized. Be sure the CMDU power is on, and cables are in place.

Action: Reinstall software from installation disks if necessary.

SCSI0021 x Active shelf x has no active CMDU. Be sure there is a CMDU on active core shelf.

SCSI0022 x Controller self test failed.

SCSI0023 No active CMDU present.

Action: Ensure the CMDU is enabled, power is on, and cables are in place.

SCSI0024 Error reading from active hard disk.

SCSI0025 Error reading from standby hard disk.

SCSI0026 w x y z Error writing to active hard disk, sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0027 w x y z Error writing to standby hard disk, sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0028 w x y z Error reading from active hard disk, sector w, errNo x, sense y, addSense z.

Action: Refer to Table 10 starting on page 788 for a listing of x, y and z values and value descriptions.

SCSI0029 x	Error reading from standby hard disk, sector x.
SCSI0030 x	Hard disk synchronization error. CMDU x is not the active disk.
SCSI0031	Synchronization failed because one or both hard disks are disabled. **Action:** Check standby CMDU power and cables.
SCSI0032	Synchronization failed because one or both hard disks are not initialized.
SCSI0033	Raw file system INIT failed for floppy drive x.
SCSI0034	Active drive partition bigger than standby.
SCSI0036	Comparison failed between Active and Standby hard disks for x.
SCSI0037	Synchronization called with invalid CMDU number x.
SCSI0038	Synchronization failed for x.
SCSI0039	No standby CMDU present. **Action:** Be sure standby CMDU power is on, and cables are in place.
SCSI0040	Timeout before writing active hard disk sector x.
SCSI0041	Timeout before writing standby hard disk sector x.
SCSI0042	Timeout before reading active hard disk sector x.
SCSI0043	Timeout before reading standby hard disk sector x.
SCSI0044	Watchdog timeout while accessing disk.
SCSI0100	CMDU Y, Error Reading from Hard Disk, sector X, errNo Z, sense W, add Sense V.
SCSI0101	CMDU Y, Error Writing to Hard Disk, sector X, errNo Z, sense W, addSense V
SCSI0102	CMDU X, Timeout before Reading from Hard Disk sector Y
SCSI0103	CMDU X, Timeout before Writing to Hard Disk sector Y
SCSI0104	CMDU X, Filename F Date D Time T Size S
SCSI0105	Files that are different in Dir: X
SCSI0106	Files that are different in Partition: P.

SCSI0107	This message is printed when list items exceed the allowable parameters.
SCSI0108 x	Partition X: Sector number %d does not match
SCSI0109 x y	CMDU x in Active Side is not latest, using CMDU y.
SCSI0110	Partition parameters of the Active and Standby drives are different
SCSI0111	Cannot decide latest CMDU, going with CMDU X
SCSI0112 x y z	Partition X: reporting Y sectors to sync. This is greater than partition size Z, so Sync will complete partition. **Action:** Reinstall software from installation diskettes if required.

SDL: Peripheral Software Download

The Peripheral Software Download (PSDL) feature stores Peripheral Software (PSW) on disk for

- Network Cards (NT8D04)
- Network/DTR (NT8D16)
- Controllers cards (NT8D01)

The PSW is downloaded to the peripheral cards when:

- system initialization occurs
- the card is enabled via ENLL and ENXP commands in LD 30 and LD 32
- the card undergoes power up reset

Control of initialization downloaded is defined in LD 97.

SDL messages

SDL0000 text

Peripheral Software Download has occurred. The output format is:

SDL0000 device, VERSION x, mode

Where device is :

XNET loop = NT8D08 Network card loop number

XNPD loop = NT8D16 Network/DTR card loop number

XPEC xpec# (loop shelf) = NT8D01 Controller card

Where VERSION x = Peripheral Software version (0-99)

Where mode is :

FAST MODE (from initialization)

MAINT MODE (by ENLL command in LD30/LD32)

BKGD MODE (second attempt after initialization)

SDL0100 status

Current status of the Peripheral Software Download process.

Status can be :

BUSY (download in process)

IDLE

SUSP (user loading a program with SUSP option)

ABRT (aborting)

SDL0101

Maintenance bit is not ON for the TN.

SDL0102

TNTRANS failed for the download TN.

SDL0103

Bad sub packet data length.

SDL0104

First data byte in the packet is not H.0B.

SDL0105

Bad packet data length.

SDL1301

Failure in starting the PSW download process.

Action: Do a manual initialization and try the download again. If still unsuccessful, do a manual SYSLOAD. CAUTION: Initialization and SYSLOAD will interrupt call processing.

SDL1302

Failure in continuing the PSW download process.

Action: Do a manual initialization and try the download again. If still unsuccessful, do a manual SYSLOAD. CAUTION: Initialization and SYSLOAD will interrupt call processing.

SDL2100 Cannot allocate memory for PSDL output buffers.

SDL2110 e hw a v m Failed to download software to device.

Where:
e (cause of the error) can be:
1 = Acknowledgment timeout error
2 = Peripheral Software (PSW) version or checksum error
3 = PSW record checksum error
4 = PSW record format error
5 = Card firmware state error

hw (card name) can be:
XNET (Network Card) XPEC (Peripheral Controller) etc.
a (card address) can be:

Loop for Network Card Network/DTR Card

XPEC # (loop shelf) for Peripheral Controller

v is the PSW version

m can be:

FAST MODE (from initialization)

MAINT MODE (by ENLL command in LD 30)

BKGD MODE (second attempt after initialization from background program)

Hw (3902 3903 3904 3905) for M3900 flash download

e (cause of the error for M3900) can be:
1 = Timeout error
2 = PSW checksum error
3 = Record checksum error
4 = Record format error
5 = Firmware state error
6 = Invalid page number received
7 = Unrequired page delivered during download
18 = Flash memory cannot be erased (M3900)
19 = Error detected while programming flash (M3900)
20 = An application is currently active, download cannot proceed.(M3900)
21 = verification byte incorrect (M3900)

Action: Try to download to the card by using the appropriate enable command.

SDL2401 Failed to allocate a Call Register for Peripheral Software Download (PSDL).

Action: Do a manual initialization and try the download again. CAUTION: Initialization will interrupt call processing.

SDL4200 All target devices in the current Peripheral Software Download (PSDL) list failed download.

Action: Do the following in order:

1. Do a manual SYSLOAD and try download again. CAUTION: this will interrupt call processing.

2. Use a different set of system disks.

3. Replace all cards involved.

SDL5201 Invalid SL-1 software version.

Action: Check the software version on disk.

SDL5202 Peripheral Software (PSW) is not configured on the disk.

SDL5301 Insufficient memory for the Peripheral Software (PSW) subdirectory.

Action: Try manual initialization and retry the command. CAUTION: Initialization will interrupt call processing.

SDL5302 v The Peripheral Software (PSW) version v can not be found on the disk.

SDL5303 t The Peripheral Software (PSW) Type cannot be found on the disk.

Where t = the requested device Type, where:

XNET = Network card

XPND = Network/DTR card

XPEC = Controller card

SDL7111 loop Failure in writing Peripheral Software (PSW) data to a loop.

Action: Check the network card.

SDL7112 loop The Peripheral Controller, Network or Network/DTR card has requested an SDL download. The PSDL is waiting to recover the bad cards; but, they can also be recovered by the Midnight SDL Audit.

Action: If the program was loaded manually, exit the activity by entering "****" or “END” as soon as possible.

SDL7113 Trying to put the Peripheral Controller, Network or Network/DTR card into the PSDL tree has failed five (5) times. These cards will not be recovered by SDL.

Action: Initialize manually.

SDL7114 The SDL recovery request for this Peripheral Controller has been ignored, because of more than ten (10) requests so far today.

SDL7115 loop The SDL recovery request for this Network or Network/DTR card has been ignored, because of more than ten (10) requests so far today.

SDL7116 The request for SDL auto-recovery has not been queued nor processed. The system cannot get a three-word data block.

SDL7117 x y z An error occurred when downloading PSW records to the MSDL/MISP card. Meridian 1 was not able to send messages to MSDL/MISP card.

Where: x = card type that was being downloaded Values for x are: H.1: XNET card type H.2: LCRI card type H.3: XNPD card type H.4 : XPEC card type H.5 : MISP basecode loadware H.6: MISP BRI Line application H.7: MISP BRI Trunk application H.8: MISP MPH application loadware H.9: MSDL base PSW H.10: MSDL ASYN. Application PSW H.11: MADL DCH application PSW H.12: MSDL MLNK application PSW H.13: BRSC base code H.14 : BRSC BRI application H.15: UIPE PRI loadware application H.16: UIPE BRIT loadware application H.17: NI2 TR1268 data file.

Where: y = card address to which download was done (INDEX number of MSDL/MISP). Where: z = Return value from MSDLMISP_HDLR H.0 : Request to send message failed H.2 : MSDL/MISP card is not operational H.5 : No buffer available to send message to MSDL/MISP card

SDL7118 x y z An error occurred when downloading PSW records to the MSDL/MISP card. Meridian 1 was not able to send messages to MSDL/MISP card.

Where: x = card type that was being downloaded Values for x are: H.1: XNET card type H.2: LCRI card type H.3: XNPD card type H.4 : XPEC card type H.5 : MISP basecode loadware H.6: MISP BRI Line application H.7: MISP BRI Trunk application H.8: MISP MPH application loadware H.9: MSDL base PSW H.10: MSDL ASYN. Application PSW H.11: MADL DCH application PSW H.12: MSDL MLNK application PSW H.13: BRSC base code H.14 : BRSC BRI application H.15: UIPE PRI loadware application H.16: UIPE BRIT loadware application H.17: NI2 TR1268 data file.

Where: y = card address to which download was done (INDEX number of MSDL/MISP). Where: z = Return value from MSDLMISP_HDLR H.0 : Request to send message failed H.2 : MSDL/MISP card is not operational H.5 : No buffer available to send message to MSDL/MISP card

Action: Check the state of the MSDL card. Try to disable and enable MSDL/MISP card from the software. If the problem persists contact your technical support.

SECA: Security Administration Alarm

SECA messages

SECA0001 Authcode violation has been detected.

Action: Refer to the Operator Data for information regarding origination.

SECA0002 An unauthorized user (identified by its ANI/CLI) tried to reach called number (service) given in message data.

SRPT: System Reports

The System Reports messages, appear during normal system operation. Some are warning messages and indicate an action must be taken. Others are information messages that indicate system activity and progress.

SRPT messages

SRPT0008 xxxx FTP access locked out. Too many bad login attempts. Last source IP address: xx (All FTP ports locked out for 10 minutes)

SRPT0009 FTP access re-enabled.

SRPT0010 xxxx PDT access locked out.Too many bad login attempts. (PDT access locked out for 10 minutes)

SRPT0011 yyyy PDT access re-enabled.

SRPT0012 xxxx FTP access locked out. Too many bad login attempts. Last source IP address: xx (All FTP ports locked out for 10 minutes)

SRPT0013 yyyy FTP access re-enabled.

SRPT0014 xxxx PDT access locked out. Too many bad login attempts. (PDT access locked out for 10 minutes)

SRPT0015 xxxx P DT access re-enabled.

SRPT0016 OMM: IP link is DOWN between cab <#> and cab <#>.

SRPT0720 x ROM OS x: Cold start. Running on CP x

SRPT0721 x y ROM OS x: Cold start. Running OS version x created on y.

SRPT0722 ROM OS x: Loading “diskos” from f0/p/os/diskos.

SRPT0723	ROM OS x: Loading “diskos” from f0/diskos.
SRPT0724	ROM OS x: Loading “diskos” from f1/p/os/diskos.
SRPT0725	ROM OS x: Loading “diskos” from f1/diskos.
SRPT0726	ROM OS x: Loading “diskos” from p/os/diskos.
SRPT0727	ROM OS x: Loading “diskos” from p/diskos.
SRPT0728	“ROM PS x: “ “diskos” ”rom/flash/flashos”.
SRPT0730 x y z	OS x cold start. Release y. Created z.
SRPT0731 x y z	OS x warm start. Release y. Created z. Last cold start: date. Last warm start: date
SRPT0750	INI x: on side x due to cold start.
SRPT0751	INI x: on side x due to {reason}. Previous INI: {side} due to {reason}. INIs since switchover: x. INIs since cold start: x.
SRPT0752	INI x: INI completed in y seconds.
SRPT0754	INI due to "x". Previous INI: “y”. INIs since cold start: z.
SRPT0760	SWD: Swd watchdog timer expired on task {name}.
SRPT0770	TOD x: Midnight job server starts on side x. Number of jobs to do: y.
SRPT0771	TOD x: Midnight job server restarts on side x. Reason: error in job {name}. Skipping first y jobs.
SRPT0772	TOD x: Skipping midnight job {name}.
SRPT0773	TOD x: Starting midnight job {name}.
SRPT0774	TOD x: Midnight jobs completed on side x.
SRPT0775	TOD x: Midnight jobs partially completed. Job list corrupted. **Action:** Consider Warm Start.
SRPT0780	RST x: Manual INIT in progress.
SRPT0781	RST x: Warm Start in progress. Reason: {x}
SRPT0782	RST x: Cold Start in progress. Reason: {x}

SRPT0783	RST x: Restart threshold exceeded for task {name}.
SRPT0784	RST x: Warning: unregistered task being restarted.
SRPT0785	RST x: Task being deleted. Task ID {name}.
SRPT0786	RST x: Task being restarted. Task ID {name}.
SRPT0787	RST x: System recovery failure: Task {name}. **Action:** Reload the system with the Manual Reload button (bottom).
SRPT0788	RST x: Restart subsystem failure (no automatic restart). **Action:** Reload the system with the Manual Reload button (bottom).
SRPT0789	RST x: Exception caused task restart: TID {x}, vec {y}, pc {z}.
SRPT0790	RST x: SL-1 requested warm start - INIT reason {x}.
SRPT1000	Incorrect security device.
SRPT1020	CardLAN: connection x closed.
SRPT1021	CardLAN: Server socket x created.
SRPT1022	CardLAN: Connection x accepted with socket x.
SRPT1023	100BaseT: Configuration is provided from iprem.db database in the reported directory.
SRPT1024	100BaseT: Configuration is from defaulted values.
SRPT4500 x	Skipping slot X. Cannot calculate address to check for CP with cable.
SRPT4501 x	Skipping slot X. Cannot get card ID.
SRPT4502	CP Single Mode: Timeout waiting for response from remote CP. **Action:** Check that both CPs have the same number of SIMMs.
SRPT4503	CP Single Mode: Remote processor is not CP. **Action:** Be sure remote processor is CP.
SRPT4504	CP Single Mode: CP redundancy impossible. No CP to CP cable.
SRPT4505	CP Single Mode: CP redundancy impossible. There is no remote power. **Action:** Check CE power supply on remote Core module. Be sure the CP to CP

	cable is properly connected.
SRPT4506	CP Single Mode: CP redundancy impossible. Both shelves have the same ID. **Action:** Set the JB4 jumper on the backplane so both sides match.
SRPT4507	CP Single Mode: CP redundancy impossible. Both switches are in MAINT. **Action:** Check that at least one of the CP Norm/Maint switches is in Norm mode (up).
SRPT4508	CP Single Mode: could not synchronize CSA space.
SRPT4509	Could not set CP semaphore bit (side x).
SRPT4510	CP Single Mode: memory shadow test failed. **Action:** Reseat or replace the Standby CP.
SRPT4511 x	Cannot open BIC window (slot x). Cannot check for CP cable.
SRPT4512 x	Cannot close BIC window (slot x).
SRPT4513 x	Could not get CP semaphore bit (side x).
SRPT4514 x	Skipping slot x, cannot calculate address to see if CP bit is set.
SRPT4515	Unable to find the active CMDU.
SRPT4516	Unable to find the diskos.sym file.
SRPT4517 x	CP: Switching from CPU x to preferred side.
SRPT4538	LDR: Inconsistencies in boundaries of previous sl1 load.
SRPT4539	LDR: Inconsistencies in boundaries of previous ovl load.
SRPT4540	LDR: Error loading SL-1 file into memory.
SRPT4541	LDR: Error loading overlay file into memory.
SRPT4542	LDR: Error in loading, last address {n}.
SRPT4543	LDR: Error returned from segInit2{n}.
SRPT4544	LDR: Error getting dloPathFileName for ovlres. **Action:** Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4545 LDR: Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4546 LDR: Error sl1_start_addr {n}, last sl1_prot_address {x}.

SRPT4547 LDR: Error initializing SL-1 pool and data area.

SRPT4548 LDR: Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4549 LDR: Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4550 LDR: Error in loading, last SL-1 address {n}.

SRPT4551 LDR: Overlay start address {n} overlaps end of SL-1 area {x}.

SRPT4552 LDR: Error ovl_start_addr {n}, last_ovl_prot_addr {x}.

SRPT4553 LDR: Error initializing overlay data area.

SRPT4554 LDR: Error calling ovlres entry.

SRPT4555 LDR: Invalid parameter to ldrNextPage, address {n}.

SRPT4556 LDR: Seek error while loading (OVL or INSTALL) code file.

SRPT4557 LDR: Error reading a_out header from file (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4558 LDR: Invalid a_out header in file.

SRPT4559 Error reading link header.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4560 LDR: Invalid link header in file.

SRPT4561 LDR: IModule not linked to page boundary.

SRPT4562 LDR: Seek error while loading (OVL or INSTALL) code file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4563 LDR: Error reading a_out header into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4564 LDR: Error reading text segment from disk into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4565 LDR: Error reading data segment from disk into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4566 LDR: Seek error while loading SL-1 code.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4567 LDR: Error reading a_out file from SL-1 file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4568 LDR: Invalid a_out header in SL-1 file.

SRPT4569 Error reading link header from file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4570 LDR: Invalid link header in file.

SRPT4571 Module not linked to page boundary.

SRPT4572 LDR: Seek error while loading code. Reload the system with the Manual Reload button.

Action: Reinstall software from installation disks.

SRPT4573 LDR: Error reading a_out header from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SRPT4574	LDR: Error reading text segment from disk into memory. **Action:** Reload the system with the Manual Reload button. Reinstall software from installation disks.
SRPT4575	LDR: Invalid data segment in SL-1 module.
SRPT4576	Error access in code file. Reload the system with the Manual Reload button. **Action:** Reinstall software from installation disks.
SRPT4577	LDR: Error reading data segment from disk into memory. **Action:** Reload the system with the Manual Reload button.
SRPT4578	LDR: Invalid a_out header in memory (OVL or INSTALL).
SRPT4579	LDR: Invalid link header in memory (OVL or INSTALL).
SRPT4580	LDR: End of Protected data = x (OVL or INSTALL).
SRPT4581	LDR: Unprotected data start x overlaps Unprotected data end at y (OVL or INSTALL).
SRPT4582	LDR: Error copying data from Protected memory to Unprotected memory for static modules. **Action:** Reinitialize the system with the INIT button.
SRPT4583	LDR: Invalid a_out header in memory.
SRPT4584	LDR: Invalid link header in memory.
SRPT4585 x	LDR: End of Protected data = x.
SRPT4586 x y	LDR: Unprotected data start x overlaps Protected data end at y.
SRPT4587	LDR:Error copying data from Protected memory to Unprotected memory for SL1 modules. **Action:** Reinitialize the system with the INIT button.
SRPT4588	Auxiliary processor has been reset.
SRPT4589	System security device is not functioning or has been removed.
SRPT4590	System security device problem has been resolved.
SRPT4591	PDT password reset successful. **Action:** Contact your technical support group..

SRPT4592 PDT password reset attempt failed.

Action: Information only, no action required.

SRPT4593 PDT password file restored from backup.

SRPT4594 Unable to mount device because of Database Upgrade Tool or an incompatible PCMCIA card has been inserted on device a: or b:

Action: Contact your technical support group.

SRPT4595 Failed to read IOP Card ID on Core Side x.

SRPT4596 IOP cards are not identical.

SRPT4597 KC: failed to retrieve data from keycode file: {file name}.

SRPT4598 “KC mismatch: System ID in keycode “ “n” ” and in direct.rec”.

SRPT4599 “KC x: “ “n” ” does not match the direct record. Keycode value = x, direct.rec value = y”.

SRPT4600 KC x: Keycode Error Code: n.

SRPT4601 KC: The new Keycode has been enabled.

SRPT4602 KC: The new Keycode has been rejected. Use KSHO in LD 143 to check it.

SRPT4603 “KC x: Cannot open file “ “{file name} “ “ “.

SRPT4604 KC x: Security Device error on Core side x.

SRPT4605 “KC x: Internal Format error keycode file “ “{file name}” ”.

SRPT4606 “KC x: Validation error in keycode file “ “{file name}” ” ”.

SRPT4607 “KC x: Parameter Extraction error from keycode file “ “{file name}” ” ”.

SRPT4608 “KC x: Keycode Enhancement error using keycode file “ “{file name}” ” ”.

SRPT4609 “KC x: error. From file. ““{file name}””. To file: “ “{file name}””. Error = y”.

SRPT4610 “KC: failed to remove file: ““{file name}””. Error = x”.

SRPT4611 “KC: failed to get data from the ““{file name}”” file. Code = n”.

SRPT4612 KC: file x y z.

SRPT4613 “KC Error. “ “x” “ returns with error code: y. “ “ z” “ error”.

SRPT4614 KC Envelope Error: x.

SRPT4615 Security Device on Core Side is missing.

Action: Check and reseat security device.

SRPT4616 Security Device on Core Side x is corrupted.

Action: Check and reseat security device

SRPT4617 Security Device on Core Side x is invalid.

Action: Check and reseat security device.

SRPT4618 KC: Keycode file is missing.

Action: Please reinstall software from CDROM.

SRPT4619 Last Archive Procedure had failed.
No archives were completed since month day hour: minute: second year.

Action: Use LD 143 to perform Attended Backup (ABKO)

SRPT4620 Error x while y status of last archive.

SRPT4621 Results of the last Backup are not available. Reason: x.

SRPT4622 Security Device on Core Side x is missing.

Action: Check and reseat security device.

SRPT4623 Security Device on Core Side is corrupted.

Action: Check and reseat security device.

SRPT4624 Security Device on Core Side is invalid.

Action: Check and reseat security device.

SRPT4625 Keycode file type of x is not supported.

Action: Check that correct keycode is used.

SRPT4626 Can’t read keycode file {file name} - insufficient buffer.

SRPT4627 IO problem for Keycode x.

Action: Check that correct keycode is used.

SRPT4628 Keycode file {file name} has wrong format.

Action: Check that correct keycode is used.

SRPT4629 Keycode file {file name} is not found.

Action: Check that correct keycode is used.

SRPT4630 CRC problem for Keycode x.

Action: Check that correct keycode is used.

SYS: System Loader

This program is loaded into memory whenever a complete program and data load is required. SYSLOAD occurs when:

- the system is powered-on,
- the system RESET button is pressed
- the RELOAD buttons on the Changeover and Memory Arbitrator cards are pressed simultaneously
- a CE fault or power failure has caused some of the system memory contents to be destroyed.

This program loads all call processing programs and office data from the storage device into system memory. During this procedure, it diagnoses all memory faults and presents fault information on any TTY which is equipped. When the loading is complete (5 to 25 minutes):

- this program is erased from memory
- the initialize program (INI) is run
- call processing commences.

Format of SYS messages

SYS messages are formatted as SYSxxx to indicate a warning message and SYSxxx FATAL to indicate a fatal error requiring hardware replacement. Warning messages may be followed by an additional field indicating program number, terminal number (TN), customer data block (CDB) number, route data block (RDB) number, etc., of the data block in error.

The general format of Generic X11 SYSLOAD SYSLOAD Error error messages is:

SYSxxx dsid dsindex

where:

dsid = the data structure identifier

dsindex = the data structure index number.

Corrupted data structures

Some SYS messages may also prevent a data dump from occurring due to corrupted data. Investigate and resolve any SYSXXX messages. Add or correct data as required and then attempt to data dump (LD 43) onto a second copy of the tape or disk. If “EDD016 No Go Bad Data” is printed, use the EDD CLR command, then reload from the new copy to check that data is now valid.

SYS messages

SYS0000 SYSLOAD has taken place.

For Omega machines, output may be one of:

1. SYS0000 0500 = Machine may have been switched on with a tape or disk in place. No action.

2. SYS0000 CPU x = SYSLOAD controller switch from one CPU to the other, subsequent to SYS0000 {source} {...(see below).

3. SYS0000 {source} {page} {addr} {dis} code {prev} CPU x.

4. SYS0000 {source} {addr} {dis} CODE {prev} CPU x

Where: {source} = cause of SYSLOAD. Given only if a fault is detected.

{source} may be one of:

0400 = Power-on reset

0803 = Network disconnected from CPU (faulty connection from SBE to network or defective or disabled SBE; SL-1 XN only)

0805 = Soft switch

1000 = Parity error

2000 = Watchdog

4000 = Write-protect violation

8000 = Response timeout

{page} = Fault page (4-digits hexadecimal)

{addr} = Fault address (4 to 6 digits hexadecimal)

{dis} = Last maintenance code digit display (2-digits hexadecimal)

CODE {prev} = previous history fault. May be one of:

001X—Extender-generated bus fault

002X—Page 0 memory test fault

003X—Memory page decoding fault

004X—Switch CPU fault

CPU x = CPU number used for SYSLOAD

For C types machines (81, 81C, 61C and 51C) machines, output is as follows:

Format of the message is:

xxyy 0 {addr} {dis} CPU z

Where:

xx = cause of SYSLOAD. Given only if a fault is detected. xx is one the following HEX numbers:

04 = Hardware reset (i.e. Powerupt or manual reset)

08 = Software reset (i.e. not a hardware reset and not a sanity reset)

20 = Sanity reset (i.e. Hardware watchdog timer timed out)

Where:

yy = is the most recent trap source, set to one of the following HEX codes:

21 Hardware Sanity Timeout

22 SWO: Failure on switchover

23 SWO: Too many switchovers

24 WARM: Disk OS Warmstart failure

25 WARM: Too many Disk OS Warmstarts

26 WARM: Disk OS not loaded

27 RESET: Forced Switchover in progress

28 RESET: Soft Reset in progress

29 TASK: Unable to create msg queue

2A Protected Memory checksum failure

2B INFO: Disk OS Warmstart begins

2C INFO: DRAM is uninitialized

2D Restart: Can't delete safe task

2E RESET: Task threshold exceeded

2F WARM: Exception vector threshold exceeded

30 WARM: total Exception threshold exceeded

31 WARM: Non-bus error exception in interrupt

32 WARM: Exception handling already busy

33 WARM: Exception call to RestartTask() failed

34 RESET: Manual INIT requested

35 SEG: Checksum failure detected
36 SEG: Disk OS Text segment corrupted
37 SEG: Disk OS partitions corrupted
38 DISKOS: Unable to load SL1
39 DISKOS: Unable to start SL1
3A INSTALL: reboot after installation
3B IOP Bus Error on active IOP
3C Parity Error on both sides
3D Parity Error in Split mode
3E Parity Error - remote SIMM: missing
3F Parity Error - remote SIMM: disabled
40 HI: bus error recommended action
41 HI: bus error TASK_RESTART for safe task
42 HI: Warm Start not possible
43 SWD expired for task with Warmstart option
<44 - 48 unused>
49 OS: manual (PDT) request (TRP)
4A OS: request to reboot (sysToMon) (reboot x)
4B OS: Reset task initialization failed
4C OS: Scheduler initialization failed
4D OS: S/W watchdog initialization failed
4E OS: Protected Memory initialization failed
4F OS: Security Cartridge check failed
50 OS: Normal recovery from bus error
51 OS: Unable to recover from bus error
52 OS: Unable to run "diskos"
53 OS: Unable to load "diskos"
54 OS: Disk volume initialization failed
55 OS: SCSI initialization failed
56 OS: DOS file system initialization failed

57 OS: IOP initialization failed

58 OS: Exception handlers initialization failed

59 OS: IO subsystem initialization failed

5A OS: Clock initialization failed

5B OS: Failed during Loader run

5C OS: Failed to spawn Loader task

5D OS: kernel initialization failed

5E OS: diskos Prot mem seg overlaps Unprot mem seg

5F Operating System level command to coldstart.

{addr} - Fault address (4 to 8 digits hexadecimal)

{dis} = Last maintenance code digit display (2 digits hexadecimal)

CPU z = CPU number used for SYSLOAD

SYS0001 FATAL System real-time clock (RTC) does not respond. The Peripheral Signaling providing clock or the Control, Interface and Memory (CIM) card may be faulty.

SYS0002 FATAL Configuration record not found. The system is not able to load with this storage medium. Replace active storage medium with backup.

Action: Press RESET button (or both RELOAD buttons simultaneously) to restart the SYSLOAD.

SYS0003 FATAL Unable to allocate sufficient memory to load firmware.

Action: A memory fault must be cleared or more memory must be equipped.

SYS0004 FATAL Unable to allocate the overlay area.

Action: A memory fault must be cleared or more memory must be equipped.

SYS0005 FATAL DNXLXXX program not on storage medium. A vital program is missing from the storage medium.

Action: Initiate SYSLOAD. If SYS0005 F is reprinted, replace active storage medium with backup. Initiate SYSLOAD again. If system loads correctly, return defective storage medium to manufacturer.

SYS0006 FATAL Primary storage medium has permanent interrupt. The storage device is disabled and cannot be enabled until the fault is cleared.

SYS0007 D70 Network Mode data cannot be loaded when the Master Mode package 309 is restricted.

SYS0008 FATAL Active CPU faulty.

Action: Force a switch to idle CPU.

SYS0009 FATAL Not enough memory for operation.

Action: A memory fault must be cleared or more memory must be equipped.

SYS0010 FORCED Memory 0 failure.

Action: If more than one memory module on any shelf fails, then suspect bus extenders. Use maintenance storage medium, if the fault cannot be cleared.

SYS0011 FORCED Memory 1 failure.

Action: If more than one memory module on any shelf fails, then suspect bus extenders. Use maintenance storage medium, if the fault cannot be cleared.

SYS0012 TBAR Package is not equipped. FTOP in CDB reset to FRES.

SYS0013 % Cannot load UIPE JTTC data when JTTC package (#335) is restricted.

SYS0014 Existing data removed because FCDR package is restricted.

SYS0015 JTTC Package is not equipped; data lost.

SYS0016 DMWI package removed since neither MW, IDA or DPNSS package is equipped.

Action: Equip with the appropriate package.

SYS0017 Only digital consoles can have an IADN.

SYS0018 Default CLID info is present but the MMCS package is not equipped.

Action: Sysload again with MMCS package #317

SYS0019 International CLID info is present, but the MMCS package is not equipped.

Action: Sysload again with MMCS package #317 equipped.

SYS0020 FATAL Memory failure on protected data store, memory pack 0.

SYS0021 FATAL Memory failure on protected data store, memory pack 1.

SYS0022 The Path Replacement RCAP (PRI/PRO) is removed because the QSIG SS package #316 is restricted.

SYS0023 All QSIG Supplementary services RCAP are removed since the GF package is not equipped.

Action: Equip package #305. Sysload and reconfigure the QSIG RCAP for supplementary services.

SYS0024 Invalid message type detected when transferring a loss plan (losp) file. Transmission can be adversely affected.

Action: Contact your technical support group.

SYS0025 A loss plan structure was found in illegal state.

Action: Contact your technical support group.

SYS0026 No cards were specified in transfer of the data from card.db file. Transmission will be adversely affected.

Action: Contact your technical support group.

SYS0027 Invalid message type detected when transferring an attribute (attr) file data. Transmission will be adversely affected.

Action: Contact your technical support group.

SYS0028 Too many GTDs were specified in the attr.db file loaded.

Action: Contact your technical support group.

SYS0029 The starting GTD specified in the attr.db file was beyond the limit in the system.

Action: Contact your technical support group.

SYS0030 No GTD definitions were supplied. Transmission will be adversely affected.

Action: Contact your technical support group.

SYS0031 The ending GTD specified in the attr.db file was beyond the limit in the system.

Action: Contact your technical support group.

SYS0032 Memory could not be allocated for storing TNs for GDLS default port type allocation.

Action: Contact your technical support group.

SYS0033 No list of TNs for default port type allocation was found.

Action: Contact your technical support group.

SYS0034 A problem occurred during the reading of the GDLS loss plan files.

Action: Contact your technical support group.

SYS0035 Trying to load Numeris Master Mode data with MMCS or Master Mode packages that are unequipped. The data will be lost.

Action: Equip Packages 309 and 317 and re-load.

SYS0036 CNAME package has been automatically turned off because the system is not equipped with the CPND package.

Action: Contact your technical support group if the system is incorrectly packaged.

SYS0037 CMOD unit data is discarded because the system is CNUMB AND CNAME package restricted.

Action: Contact your technical support group if the system is incorrectly packaged.

SYS0038 The CIS MFS package is equipped and the CIST package is not equipped.

SYS0039 ICS MFS package equipped and CIST package not equipped.

Action: Enable the CIST package and reload the system.

SYS0040 I/O device number 0 is incorrect type. An error has been made in the data on the storage medium.

SYS0041 I/O device number 1 is incorrect type. An error has been made in the data on the storage medium.

SYS0042 CMOD list is not created due to a lack of memory.

Action: Contact the distributor and request the expansion of the system memory size.

SYS0043 Invalid CMOD unit number (i.e. >31) is encountered. CMOD unit is not added into the system CMOD list.

Action: A system memory corruption might have occurred. Contact your technical support group.

SYS0050 CPU has no spare memory module.

SYS0051 DMI entry has been discarded due to a missing FNP (160) package

Action: Contact your technical support group if the system is incorrectly packaged.

SYS0052 SIDE is defined on a DASS2 route but the MMCS package is not equipped.

SYS0053 Microcellular packages restricted. Mobility related data will be removed from database.

Action: For Microcellular/Mobility, packages 302 (.MOSR) and 303 (.MMO) are required. Contact your technical support group.

SYS0054 Mobility related data blocks are removed. Possibly, superloop does not exist.

Action: Contact your technical support group.

SYS0055 Invalid value in the EBLN ISM parameter.

SYS0060 CPU has no spare memory module. Too many logical units, TDS or MFSD loops for I/O table.

SYS0061 RCAP CTO or ECTO is removed during sysload because BNE package is not equipped.

SYS0062 MSMN Package unrestricted with MC32 package #350 restricted.

SYS0063 Invalid data found while building DMC Index table for DCS units.

SYS0064 Invalid data found while building DMC Index table for DCS units.

SYS0065 Unable to allocate the FDL_STRUCT.

SYS0066 FXS info is present but the FXS package is not equipped.

Action: Sysload again with FXS package #152 equipped.

SYS0067 Survivability ISM exceeds Survivability ISM limit.

SYS0068 <key#> TN <TN#> BCS data block limits have caused some keys above <key#> on TN <TN#> to be discarded.

SYS0069 BCS block overflow. Some keys will be deleted.

SYS0070 FATAL Primary storage medium fault. Storage medium not ready or head fault detected.

SYS0071 A record could not be read from storage medium. A storage medium fault is indicated. System may still load, even though data or programs are missing.

SYS0072 A storage device function timed out. A fault in the storage device interface (TI or MSI) or storage device (TU or MSU) is indicated. System may still load even though data or programs are missing.

SYS0073 Data could not be accessed from one tape track or disk address. A fault in the storage device interface (TI or MSI) or storage device (TU or MSU) is indicated. System may still load even though data or programs are missing.

SYS0079 Both CPU faulty.

SYS0080 Active CPU faulty. Initiating CPU switch.

SYS0081 Physical available memory does not match configuration memory but fulfills minimum requirement to allow a sysload.

SYS0082 Segmented Bus Extender (SBE) configured but not equipped.

SYS0083 SBE equipped but not configured.

SYS0084 Secondary memories disabled; all primary memories used. (Procedure DO_OVLY_AREA.)

SYS0085 SMART ROM MTYP 0 assumed (procedure CHECK_ROM_TAG).

SYS0086 Corrective ROM MTYP 192 assumed (procedure CHECK_ROM_TAG).

SYS0087 Memory configuration error (procedure BUILD_MOD_MAP).

SYS0088 QPCxxxy ROM issue not compatible with software issue (procedure CHECK_ROM_TAG), where xxx is the QPC code and y is the vintage code of the ROM. Systems with vintage B and later ROM cards can disregard this message. All normal operations on an upgraded system are unaffected.

SYS0089 CPU p b Memory block b on page p is not configured. (Procedure ISSUE_ERRORS.)

SYS0090 x Memory x failure. For system options XN, NT, XT, RT, 51, 61 and 71 the value of x can be:

0=pack 0 memory 0

2=pack 2 memory 0

10=pack 0 memory 1

11=pack 1 memory 1

12=pack 2 memory 1

For all other system options:

0= page 0 memory 0

0=page 1 memory 0

0=page 2 memory 0

2=page 8 memory 0

2=page 9 memory 0

2=page 10 memory 0

3=page 12 memory 0

3=page 13 memory 0

3=page 14 memory 0

10=page 0 memory 1

10=page 1 memory 1

10=page 2 memory 1

11=page 4 memory 1

11=page 5 memory 1

11=page 6 memory 1

12=page 8 memory 1

12=page 9 memory 1

12=page 10 memory 1

13=page 12 memory 1

13=page 13 memory 1

13=page 14 memory 1

This message may indicate an incorrect ROM card.

SYS0091 x Page decoding fault on memory x (0 or 1). Page decoding faults will cause all the memory cards being tested at the time of the failure to be marked “failed”.

SYS0092 x CMA fault on memory x (0 or 1).

SYS0093 INHIBITS xxxx If multiple reload attempts occur, past history failures may cause serious assumed fault conditions indicated by xxxx as follows:

1. 0001 = Primary page 0 assumed faulty. No attempt will be made to test this memory card.

2. 0002 =Secondary page 0 assumed faulty. No attempt will be made to test this memory card.

3. 0004 =Primary page decode assumed faulty. No attempt will be made to test the memory.

4. 0008 =Secondary page decode assumed faulty. No attempts will be made to test the memory cards on this memory shelf.

5. 0010 =Enabling of extenders caused bus fault. The extenders will not be enabled.

6. 0020 =switch to standby CPU will not be attempted.

7. 0040 =Execution from active CPU will not be attempted.

8. 0080 =Trap sequence determined primary page 0 faulty. Card will be re-tested.

9. 0100 =Trap sequence determined secondary page 0 faulty. Card will be re-tested.

SYS0094 x — Memory page x passes test but the memory page is not in the configuration. Memory packs that are installed and not identified in the configuration record are tested but not used for loading programs or data. Such cards are indicated by x which can be the same as for SYS0090.

SYS0095 x — Indicated split memory option for the memory card differs from the majority. (The data store memory split option is verified on a “majority opinion” basis of each memory card and the configuration record.

SYS0096 — Configuration changed from split to non-split. The configuration record differs from both memory packs concerning the “split data store” option. In this event, the configuration record is changed to agree with the majority.

SYS0097 — Configuration changed from non-split to split. The configuration record differs from both memory packs concerning the “split data store” option. In this event, the configuration record is changed to agree with the majority.

SYS0098 x — Memory x changed from unequipped to equipped. Configuration-equipped memory cards are forced to be consistent with the split option and with minimum system requirements.

Memory cards which are incorrectly equipped are indicated by x as follows:

0=page 0 memory 0

0=page 1 memory 0

0=page 2 memory 0

10=page 0 memory 1

10=page 1 memory 1

10=page 2 memory 1

SYS0099 x Memory x changed from equipped to not-equipped. Where: x is interpreted as it is in SYS0098.

SYS0100 CPU switchover initiated by SYSLOAD.

SYS0101 code xxx Where CODE can be either PROG (Program xxx has length error) or INTR (Intrinsic length error).

SYS0102 code xxx Where code can be either PROG (Vector number out of range, program xxx) or INTR (Intrinsic number out of range).

SYS0103 code xxx Where code can be either PROG (Program xxx already loaded) or INTR (Intrinsic already loaded).

SYS0104 INTR 0 No intrinsic on storage medium. This is a warning only.

SYS0105 PROG xxx SL-1 assembler routines are not supported. Programs containing such code will not be loaded.

SYS0106 Program number is in old compiler format.

SYS0190 Valid TN is in the DN block. TN is rejected.

SYS0191 Invalid TN is in the DN block; TN is rejected from DN block.

SYS0201 Data block length error.

Output data depends on software as follows:

X11: xxxx yyyy (data structure identifier & index number)

X08: TN l s c u: terminal number

Action: See “Corrupted data structures” in the SYS introduction.

SYS0202 TN l s c u Station type does not match card type.

SYS0203 TN l s c u Secondary attendant block forces out TN already loaded.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0204 TN l s c u Unit number of Digitone receiver not zero.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0205 TN l s c u Unit number of trunk not zero or one.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0206 Loop number out of range.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0207 Shelf not in configuration record (local or remote).

Action: See “Corrupted data structures” in the SYS introduction.

SYS0208 TN l s c u Invalid pointer to station data. Program error.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0209 A Call Park Block has been discarded due to its number conflicting with an existing Call Park Block.

Action: Contact your technical support group.

SYS0210 ARS data block does not exist.

SYS0211 ARS user codes exceed table size.

SYS0212 SCL DND template number exceeds length of list allocated. EDD error.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0213 Attempt to use nonexistent ARS schedule block.

SYS0214 Conversion error.

SYS0215 Storage medium directory error.

SYS0216 Patch block error.

SYS0218 Limit on number of storage medium, teletype and History File units exceeded (limit is 16 units).

SYS0219 Incompatible feature packages are enabled. Attendant Overflow Position feature package is changed to restricted because Centralized Attendant Service Main or Remote feature package is not restricted.

SYS0227 Unable to allocate enough PDS for converted SL-1 station.

SYS0229 Same as SYS0227.

SYS0230 Customer Data Block (CDB) does not exist when loading Automatic Call Distribution (ACD) blocks.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0231 Number of ACD blocks exceeds list size.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0232 key cust dn ACD-DN does not exist in DN tree.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0233 Data assigned to SL-1 ACD key is invalid, or the data assigned can not be used with 500/2500 sets as ACD stations.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0234 Number of stations assigned to ACD group exceeds maximum.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0236 Authorization code data block does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0237 Too many authorization codes in authcode table.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0240 CDB does not exist for Direct Inward System Access (DISA) data block.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0241 Too many DISA data blocks in DISA list.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0242 Number of dial intercom groups exceeds maximum allowed in customer data block.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0245 Too many different SL-1 telephone configurations or 500/2500-type set configurations have been created.

Action: Make more sets with identical feature configurations and key layouts. See “Corrupted data structures” in the SYS introduction.

SYS0250 Tree data blocks corrupted. Tree will be released.

SYS0251 Unable to locate New Flexible Code Restriction (NFCR) pointers table.

SYS0252 Unable to locate tree block pointers table.

SYS0253 <TN> PSPCA Class of Service only allowed for IPE, TIE< E&M trunks with MIA Class of service. Class of service changed to SPCD.

Action: DO NOT DATADUMP.

SYS0254	The number of digital TN's exceeds the Digital TN limit and no further TN's can be sysloaded.
SYS0255	The number of analog TN's exceeds the Analog TN limit and no further analog TN's can be sysloaded.
SYS0256	Unable to allocate memory for PLUGIN data block.
SYS0257	PLUGIN pkg not equipped, PLUGIN data cleared.
SYS0258 x	Plugin x is disabled. PLUGIN x performs a different function in the current release with respect to the previous release.
SYS0260	RCAP UUS1 is removed during sysload because BNE package is not equipped.
SYS0262	Existing EuroISDN diversion remote capability is removed since the BNE package is restricted. **Action:** Enable the BNE package and sysload the machine again.
SYS0263	Existing EuroISDN diversion remote capability is removed since the BNE package is restricted. **Action:** Enable the BNE package and sysload the machine again.
SYS0264	The number of ISDN B Channels exceeds the ISDN Channel limit and no further TNs can be sysloaded.
SYS0265	The number of DTI Channel TNs exceeds the DTI Channel limit and no further TNs can be sysloaded.
SYS0266	The number of Analog Trunk TNs exceeds the Analog Trunk TN limit and no further TNs can be sysloaded.
SYS0267	The number of Data Port TNs exceeds the Data Ports limit and no further TNs can be sysloadec.
SYS0268	The number of Phantom Port TNs exceeds the Phantom Ports limit and no further TNs can be sysloaded.
SYS0269	The number of CLASS Telephone TNs exceeds the CLASS Telephones limit and no further TNs can be sysloaded.
SYS0270	The number of Attendant Console TNs exceeds the Attendant Consoles limit and no further TNs can be sysloaded.

SYS0277 The number of ITG ISDN Trunks exceeds the ITG ISDN Trunks limit and no further trunks can be sysloaded.

SYS0278 FFC package restricted. Changing CLS from ERCA to ERCD.

SYS0279 Virtual and Host Terminal data block cannot be loaded when the VIRT_OFFICE_PKG is not equipped.

SYS0300 tn Customer data block does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0301 ACD supervisor key assigned to an agent station.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0302 ACD display queue key has invalid ACD DN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0303 More than 9 supervisors are assigned to a simple ACD DN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0304 Agent key assigned but agent does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0305 Agent key identifies agent who already has another supervisor.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0306 Agent key assigned identifies a supervisor station.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0307 Attempt to assign an ACD agent function to a non-ACD set.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0308 Attempt to assign a ’call supervisor’ key to the supervisor.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0310 key cust dn Illegal digits in DN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0311 Not-ready-key is assigned to a non-ACD station.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0312 CAS key assigned to SL-1 telephone but CAS data blocks do not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0315 A function requiring an LED is assigned to a non-LED key.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0316 CAS key assigned to SL-1 telephone but CAS data blocks do not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0317 More than 10 CAS keys have been assigned to SL-1 telephones.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0320 TN l s c u DN assigned dials operator.

SYS0330TN l s c u Shorter DN already exists. For SYS033xxxx, xxxx is the DN concerned.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0340 TN l s c u Longer or equal length DN already exists.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0350 N l s c u Loop number in Directory Number block does not match TN.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0360 TN l s c u Trunk member number out-of-range.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0370 TN l s c u Route data block does not exist.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0380 TN l s c u Attendant member number out of range or in use.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0385 TN of the terminal is not the prime DN of attendant.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0390 TN l s c u Attendant Directory Number block of wrong type.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0391 Invalid TN for attendant.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0400 TN l s c u Assigned DN has more than 16 stations.

SYS0410 TN l s c u DN call type in conflict, i.e., single vs multiple.

Action: See “Corrupted data structures” in the SYS introduction.

SYS0420 Network loop in configuration record conflicts with existing loop.

SYS0421 Tone loop in configuration record conflicts with existing loop.

SYS0422 Conference loop in configuration record conflicts with existing loop.

SYS0423 MF Sender in configuration record conflicts with existing loop.

SYS0430 Private DN in trunk data block conflicts with existing DN.

SYS0500 CPU test failed on nonactive CPU.

SYS0510 Changeover and Memory Arbitrator (CMA) pack failed to respond. Faulty CMA pack.

SYS0511 CMA pack indicated that nonactive CPU failed CPU test. Probable fault on nonactive CPU or CMA pack.

SYS0514 The loop does not exist in LD 73.

SYS0520 Unable to find data for other CPU after switchover.

SYS0600 Emergency conference group out-of-range (0 to 9).

Action: Check data.

SYS0601 Emergency conference member out-of-range (1 to 10).

Action: Check data.

SYS0602 Software problem.

Action: Contact your technical support group.

SYS0603 Two TNs assigned as the same member of the same group.

Action: Check data.

SYS0606 id index Customer data block number read from the storage medium record header greater than the size of the customer data block pointer array. The output data is defined as follows:

Where:

ID = Structure Identifier

INDEX = Index number definition

The meaning of the possible id—index are:

1. ESN—Customer number = error occurred while loading ESN data block (ESN_DATA_BLK).

2. ESNS—Data block index = error occurred while loading supplementary digit block (ESN_SDR_BLK).

3. ESNL—Customer number = error occurred while loading location route block (ESN_LOC_RTE_BLK).

4. ESNR—Data block index = error occurred while loading route list (ESN_RTE_LIST_BLK).

5. ESND—Data block index = error occurred while loading digit manipulation block (ESN_DM_BLK).

SYS0607 id index Electronic Switched Network (ESN) data structure was loaded from storage medium but a corresponding customer data block to reference this structure does not exist.

Action: See SYS606 for output data.

SYS0608 id index More than one ESN data block was loaded from storage medium for the same customer.

Action: See SYS606 for output data.

SYS0609 id index One of the ESN data structures which are referenced from the ESN data block was loaded but the ESN data block does not currently exist for the corresponding customer.

Action: See SYS606 for output data.

SYS0610 id index Insufficient protected data store for supplementary digit pointer block.

Action: See SYS606 for output data.

SYS0611 id index The supplementary digit restriction index read from the storage medium record header is greater than the maximum value, which is stored in the ESN data block.
Action: See SYS606 for output data.

SYS0612 id index More than one supplementary digit restriction block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0613 id index Insufficient protected data store memory space to set up the route list pointer block.

Action: See SYS606 for output data.

SYS0614 id index Route list index read from the storage medium record header greater than the maximum value, which is stored in the ESN data block.

Action: See SYS606 for output data.

SYS0615 id index More than one route list block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0616 id index Insufficient protected data store memory space to set up the digit manipulation pointer block.

Action: See SYS606 for output data.

SYS0617 id index Digit manipulation index read from the storage medium record header is greater than the maximum value, which is stored in the ESN data block.

Action: See SYS606 for output data.

SYS0618 id index More than one digit manipulation block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0619 id index More than one location route block was found on storage medium for the same customer and index.

Action: See SYS606 for output data.

SYS0620 id index Insufficient protected data store memory space to set up a block in the network translation tree.

Action: See SYS606 for output data.

SYS0621 id index One of the translation table digits read from the storage medium is out-of-range.

Action: See SYS606 for output data.

SYS0622 id index The same sequence of digits has been read from storage medium for the specified network translation table.

Action: See SYS606 for output data.

SYS0623 id index Cannot enter any more ARS digit manipulation records into ESN digit manipulation block, because ESN DM block is full.

Action: See SYS606 for output data.

SYS0624 id index Cannot convert ARS codes other than three digits in length.

Action: See SYS606 for output data.

SYS0625 id index Cannot convert digit manipulation entry as length is greater than 20 digits.

Action: See SYS606 for output data.

SYS0626 NARS is not available.

SYS0627 Translation data is corrupted.

SYS0628 Route list pointer.

SYS0629 Trunk route data.

SYS0630 Location route data.

SYS0631 Route list entry data.

SYS0632 Insufficient protected data store memory space to set up the Free Calling Area Screening (FCAS) pointer block.

SYS0633 More than one FCAS NXX block was found on storage medium for the same customer, index and NPA.

SYS0634 The FCAS index read from the storage medium record header is greater than the maximum value, which is stored in the ESN data block.

SYS0638 NARS—Invalid NXX.

SYS0639 NARS—FCAS data cannot be accessed.

SYS0640 Cannot perform data conversion for this generic/release/version of storage medium.

SYS0641 The value of the variable ’BLOCKTYPE’ was out-of-range. This variable is set to the storage medium header word ’TAPEBLOCKTYPE’.

SYS0642 The customer data block number read from the storage medium record header is greater than the customer data block pointer size.

SYS0643 No customer data block exists to which authcode can be attached.

SYS0644	The block number read from the storage medium record header does not match the expected block number.
SYS0645	More than one block was read from storage medium with the same block identification.
SYS0646	The authcode header table (AUTH_TABLE_BLK) does not exist to which the remaining authcode data blocks may be attached.
SYS0647	Authcode conversion can occur only in conjunction with the BAUT package and not the NAUT package.
SYS0648	During conversion, more different class codes were read from storage medium than there is room in the new class code table.
SYS0649	Attempt to allocate protected data store memory space failed.
SYS0650	During conversion, two authcodes which contained identical digits were loaded.
SYS0653	Cannot allocate space for NCTL block which should be split from the ESN data block.
SYS0654	More than one Coordinated Dialing Plan (CDP) list was found on storage medium for the same customer.
SYS0655	The index for the TDET block was 0 or greater than the maximum size.
SYS0666	Cannot allocate memory for DCH table of PTRs.
SYS0667 c	PRA option for customer c was turned off because ISA is restricted.
SYS0668 x	Cannot load data block for DCH x when the ISA and/or DTI packages are restricted.
SYS0669 loop	Cannot load data block for PRI loop when the ISA and/or DTI packages are restricted.
SYS0670 r c	Cannot load route r for customer c when the ISA package is restricted and the route configured to have B channels.
SYS0671 r c	SDN option for route r in customer c is turned off because ISA is restricted.
SYS0672	The provisioned ROM (QPC717) does not support Expanded Memory.
SYS0673	The MISC/PS board (QPC709) has been fitted with an improved ROM (QPC717D).

SYS0674 The Meridian ST ROM (QPC717D) with MISC/PC (QPC709C) and the expanded memory boards (QPC814)—MTYP 768 is assumed. Only issued when the configuration record indicates something other than 768.

SYS0700 xx This message indicates self-test results, and call processing status. xx refers to appended numbers that follow the SYS700 message itself. Each set of numbers is associated with a specific call processing or self-test activity. They appear as the activity takes place.

00 = Begin CP board reset

01 = Begin SRAM self- test

02 = ROM created on {date}

03 = Beginning DRAM self-test; DRAM being configured

04 = Booting ROM Operating System

SYS0701 xx This message indicates self-test results, and call processing status. xx refers to appended numbers that follow the SYS701 message itself. Each set of numbers is associated with a specific call processing or self-test activity. They appear as the activity takes place.

01 = ASIC ICC failure

02 = SRAM test failure

03 = CP test failure

04 = HPM test failure

05 = PEROM checksum failure

06 = SRA ASIC failure

07 = CMB ASIC failure

08 = BIC ASIC failure

09 = Duarte test failure

10 = Time of day clock failure

11 = No DRAM available

12 = LCD display test failure

SYS0702 x x x x x x DRAM size (in megabytes). Each x indicates a bank populated, with a maximum of 6 banks available.

SYS0703 xxxx Self-tests completed. xxxx refers to the test flags. 0FFF indicates that all the tests passed.

SYS0704 Soft reset completed.

SYS0705 xx This message indicates self-test results, and call processing status. xx refers to appended numbers that follow the SYS705 message itself. Each set of numbers is associated with a specific call processing or self-test activity. They appear as the activity takes place.

00 = CPU speed unknown

01 = CPU speed less than 25 Mhz

02 = CPU speed at 25 Mhz

03 = CPU speed between 25 Mhz and 33 Mhz

04 = CPU speed at 33 Mhz

05 = CPU speed between 33 Mhz and 40 Mhz

06 = CPU speed at 40 Mhz

07 = CPU speed greater than 40 Mhz

SYS0706 xx Software full reset, or software warm reset.

Where:

xx refers to the following explanations:

00 = Low level debugger command to warm start, or unexpected exception or interrupt occurred during early reset sequence

01 = Hardware sanity timeout (once)

02 = SWO: failure on switchover

03 = SWO: too many switchovers

04 = WARM: disk OS warm start failure

05 = WARM: too many disk OS warm starts

06 = WARM: disk OS not loaded

07 = RESET: forced SWO in progress

08 = RESET: soft reset in progress

09 = TASK: unable to create message queue

10 = Protected memory checksum failure

11 = INFO: disk OS warm start begins

12 = INFO: DRAM is initialized

13 = RESET: cannot delete verified task

14 = RESET: task threshold exceeded

15 = WARM: Exc vector threshold exceeded

16 = WARM: Exc total threshold exceeded

17 = WARM: Exc handling already busy

18 = WARM: Exc restart task failed

19 = RESET: manual INIT requested

20 = SEG: checksum failure detected

21 = SEG: disk OS text segment corrupted

22 = SEG: disk OS partitions corrupted

23 = DISKOS: unable to load Meridian 1

24 = DISKOS: unable to start Meridian 1

27 = Bad active IOP is detected

28 = Parity error on both sides

29 = Parity error on split sides

30 = Parity error - remote SIMM is missing

31 = Parity error - remote SIMM is disabled

41 = OS manual (PDT) request

42 = OS request to reboot (sysToMon)

43 = OS RST - initialization failed

44 = OS SKD - initialization failed

45 = OS SWD - initialization failed

46 = OS PMEM - initialization failed

47 = OS security check failed

48 = OS normal recovery from BER

49 = OS unable to recover from BER

50 = OS unable to run"diskos"

51 = OS unable to load "diskos"

52 = OS VOL - initialization failed

53 = OS SCSI - initialization failed

54 = OS DOS - initialization failed

	55 = OS IOP - initialization failed
	56 = OS EXC - initialization failed
	57 = OS IOS - initialization failed
	58 = OS clock initialization failed
	59 = OS failed during loader run
	60 = OS failed to spawn loader task
	61 = OS kernal initialization failed
	62 = OS "diskos" P segment overlaps U segment
	63 = Operating system level command to cold start
	For reason 63, xx appears as a "-1." Output looks like SYS0706 -1
SYS0720 x	Running VxWorks Boot OS. X11 Release x.
SYS0721	Cannot access {filename}.
SYS0722 x	Cannot load {filename} to x.
SYS0723 x	Boot OS restart reason x.
SYS0724	Boot OS exception.
SYS0800	Unable to allocate Peripheral Signaling (PS) polling table.
	Action: Clear memory fault or add memory.
SYS0802 i t n	Unable to allocate protected TN block or translator for CMF incoming or outgoing table.
	Output:
	i = incoming/outgoing
	t = table number
	n = level number.
SYS0803	Unable to allocate protected directory block.
	Action: Clear memory fault or add memory.
SYS0804	Unable to allocate protected loop block.
	Action: Clear memory fault or add memory.
SYS0805	Unable to allocate dial intercom group block.
	Action: Clear memory fault or add memory.
SYS0806	Unable to allocate protected Flexible Feature Table.

SYS0807 Unable to allocate protected Radio Paging data for a radio paging system or a translation table entry

SYS0808 Unable to allocate memory for Group data link.

SYS0809 Unable to allocate ARS UAC table or schedule block.

Action: Clear memory fault or add memory.

SYS0810 Unable to allocate 'do not disturb' block.

Action: Clear memory fault or add memory.

SYS0811 Ext DIG5 block without Basic block.

SYS0812 Ext MR block without Basic block.

SYS0813 Aux Customer block without Basic block.

SYS0814 ftc c r t n FTC class access code table is missing.

Where:

ftc = Flexible toll and code

c = Customer number

r = Route number

t = AC (FTC access code table) or = QUL (FTC qualify code table)

n = 13 (class 1), 14 (class 2) or 15 (class 3)

SYS0815 ftc c r q n Code restriction master head table or FTC head table is missing.

Where:

ftc = Flexible toll and code

c = Customer number

r = Route number

q = FTC qualify code table

n = 16 (class 1), 17 (class 2), 18 (class 3)

SYS0821 SYS2 Procedure SETBLOCK: memory block has not been allocated.

SYS0822 SYS2 Procedure SETUPTNTERMLOOP. Protected group block does not exist.

SYS0823 SYS2 Procedure SETUPTNTERMLOOP. Protected loop block does not exist. (PLOOPPTR=NIL)

SYS0824 SYS2 Procedure SETUPTN TERM LOOP. Protected loop block exists and the loop is remote.

SYS0825 SYS2 Procedure SETUPTNCARD. Protected card block does not exist. (PCARDPTR=NIL)

SYS0826 Unable to allocate protected DTI block.

SYS0827 Unable to allocate protected group block.

SYS0900 Unable to allocate memory for the overlay area.

Action: Clear memory faults or add memory.

SYS0901 code xxx Where code is defined as:

INTR = Unable to allocate enough memory for the intrinsic xxx.

PROG = Unable to allocate enough memory for program xxx.

Action: Clear memory faults or add memory.

SYS0905 Unable to transfer program to memory other than page 2.

Action: Clear memory faults or add memory.

SYS0910 Memory map for active memories invalid. Program error.

SYS0920 Memory map for active memories invalid. Program error.

Action: Clear memory faults or add memory.

SYS0999 FATAL Major alarm (power fail transfer) tripped by software because of insufficient protected memory.

Action: Clear memory faults or add memory.

SYS1000 Card density greater than loop density.

SYS1001 Card density less than higher equipped units.

SYS1002 Card block not found on storage medium for unit block found on storage medium.

SYS1003 No card block for secondary attendant.

SYS1004 Customer station group header tables does not exist.

SYS1005 Not enough protected data store can be allocated for pretranslation.

SYS1006 Station group entry number is greater than MAX_SGRP.

SYS1007 Pretranslation table number is greater than MAX_PRXL.

SYS1008 MFC conversion is not supported for this conversion.

SYS1009 No NLC data exists to load the NLC ARS block. (NLC_ARS_LOAD)

SYS1010 The corresponding NLC block does not exist for the NLC ARS block (NLC_ARS_LOAD).

SYS1011 No NLC data exists to load the NLC DNL lists. (NLC_ARS_LOAD)

SYS1012 The corresponding NLC block does not exist for the NLC DNL block. (NLC_DNL_LOAD)

SYS1013 SSTB I/O Unable to allocate protected supplementary service tables.

Where:

I/O = 0 for incoming, 1 for outgoing.

SYS1014 CMF g t n MFC conversion for levels greater than 2 are not supported.

Where:

g = 0 for incoming, 1 for outgoing

t = table number

n = level number.

SYS1015 AUTH data block does not exist.

SYS1016 SARG number is greater than SARG_MAX.

SYS1017 Not enough protected data store can be allocated for SARG block.

SYS1018 Not enough protected data store can be allocated for AUTH_PTR table.

SYS1019 Not enough protected data store can be allocated for AUTHCODE block.

SYS1020 Not enough room exists in AUTH_PTR_TABLE.

SYS1026 CMF_TIE_PACKAGE not equipped.

SYS1027 CMF_DID_PACKAGE not equipped.

SYS1028 NWK_PACKAGE not equipped.

SYS1056 Unit number of DTD, MFC, MFE out-of-range.

SYS1057	MFE package not equipped.
SYS1058	MFE data corruption.
SYS1059	Caller’s Name Display: Cannot set up special name table.
SYS1060	Caller’s Name Display: The average size of the name is not configured.
SYS1061	Caller’s Name Display: The maximum number of names is not configured.
SYS1062	Caller’s Name Display: Not enough memory for names.
SYS1063	Caller’s Name Display: No memory reserved for names.
SYS1064	Caller’s Name Display: Cannot find TN for dumped name.
SYS1065	Caller’s Name Display: Name is loaded for TN that has no CND data.
SYS1066	Caller’s Name Display: Corruption during stealing from name pool.
SYS1067	Caller’s Name Display: Trying to dump CND data for non-existent attendant.
SYS1068	Caller’s Name Display: Cannot find secondary attendant block.
SYS1069	Caller’s Name Display: Trying to dump a monitored area title for a customer that does not exist.
SYS1070	Caller’s Name Display: Cannot set up display group table.
SYS1082 adon	Tape contains VNET package but is missing CR_ADDON package. Any networking call attempts will fail.
SYS1083	Digit buffering is not supported and outpulsing rate is reset to 100 ms.
SYS3000 c	Customer c missing from Call Park block. Cannot load block.
SYS3001 c	Cannot build DN because DN information is missing from Call Park block for customer c.
SYS3002 c dn	Cannot build the remainder of the Call Park DNs for Customer c. dn is failed DN.
SYS3003	Speed call list is partially missing.
SYS3004	Cannot build DN for ESN test maintenance lines.
SYS3005	Fatal. Conversion was not done properly. Wrong generic/release.

SYS3006	Conversion flag not set.
SYS3007	SCC data table is required.
SYS3008	Card density on storage medium is greater than configured loop density.
SYS3009	Card density in protected card block does not equal the card density on storage
SYS3010	Encountered card block with wrong card type.
SYS3011	The expected number of card records not received from storage medium.
SYS3012	A higher density loop has a lower density card record for upper units.
SYS3013	ADM trunk type not supported. Route or trunk data block discarded.
SYS3015	Unable to allocate Protected Data Store (PDS) for set relocation.
SYS3016	Unable to allocate PDS for History File.
SYS3017	Unable to allocate PDS for tone detector block.
SYS3018	File LAST missing from tape list.
SYS3019	Multiple Office Code/DID ranges block found with no location code.
SYS3020	There is a Multiple Office Code and DID ranges block for a location code that does not have a MNXX block defined. MNXXX was allocated anyway.
SYS3021	The pointer to MNXXX block was not nil (possibly two MNXXX blocks for this location code).
SYS3022	There is a Multiple Office Code and DID ranges block for a location code but the length is zero.
SYS3024	Data block can only be loaded when DTI package is selected. on code but the length is zero.
SYS3025	Data block can only be loaded when AMP package is selected.
SYS3026	Attempt to allocate pds for Tenant Data Block failed.
SYS3027	Block header customer number too large.
SYS3028	Block header route number too large.
SYS3029	Block header tenant number too large.

SYS3030	Tenant data blocks out of order, presumed missing.
SYS3031	Essential tenant data blocks are missing. Sysload disabled tenant service.
SYS3032	Tenant service package restricted but tenant data block detected.
SYS3034	Tenant service should not be packaged with mini-CDR.
SYS3035	Digital set data block cannot be loaded when digital set package is not equipped.
SYS3036	M3000 data block cannot be loaded when M3000 package is not equipped.
SYS3037	The first part of an atm schedule block was lost.
SYS3038	MSI Hardware register fault.
SYS3039	BG TIME/CATEGORY block without AUX CUST BLK.
SYS3040	AWU time on the TN has been erased.
SYS3041	SLST package not allowed on SL-1 N machine. Trap is called.
SYS3042	Two supervisors have a NSVC key assigned for this ACD-DN.
SYS3043	The ACD NSVC key is assigned to an invalid ACD-DN.
SYS3044	The ACD NSVC key is assigned to an agent’s station.
SYS3045	The NSVC key is assigned to an illegal DN lamp key.
SYS3046	Cannot allocate memory space for Speed Call List header table.
SYS3047	Automatic conversion is not available for a given data base. Data base on tape is not updated to minimum release.
SYS3048	Expecting an extension block on tape which is not there.
SYS3049	An illegal extension block is read by the tape. Block that has been read is not is not an extension of the previous block.
SYS3050	The primary block is missing from the tape. The extension block read from the tape needs a primary block.
SYS3051	Cannot load FTC data block if FTC is not packaged.
SYS3052	Cannot get Protected Data Block for Auxiliary Customer Block.

SYS3053 Cannot get Protected Data Block for creating Table 0.

SYS3054 Mini CDR module is entered when either DNXP or CDRE is present. Mini CDR is not supported when either DNXP or CDRE (or both) are present.

SYS3055 Digital Set Package not equipped.

SYS3056 Customer ID for given Prexl_block is out-of-range.

SYS3057 Customer data block does not exist for given prexl_block.

SYS3058 System out of memory. Cannot create storage for prexl_block because no more PDS available.

SYS3060 c zz ss DN's hundreds group conflict with a shorter hundreds group.

Where:

c = customer number

zz = conflicting hundreds group

ss = is the shorter existing group

SYS3061 c xx yyyy This DN's hundreds group conflicts with a different hundreds group within this data base.

Where:

c = customer number

xx = conflicting hundreds group

yyyy = is the longer existing group

SYS3062 Private DN has already been defined as non-private DN line set up fail.

SYS3063 FGD package is restricted; FGD block could not be loaded.

SYS3064 FGD block number exceeds length of list allocated.

SYS3065 Unit number of MFVE receiver not zero or one.

SYS3066 Unit number of MFR receiver is not zero.

SYS3067 Cannot allocate P_NKDM_TABLE for given customer.

Action: Remove unnecessary configuration, make sure customer really needs IDC.

SYS3068 Fatal error: no space for the conversion program.

SYS3069 Fatal error: the conversion program is not on the storage medium.

SYS3070 Fatal error: Conversion error: wrong version or wrong storage medium issue.

SYS3071 CPND NAME dn A CPND name associated with the given DN was not loaded into memory because it was too long, invalid or there was not enough protected data store available.

Action: Re-enter the name in LD 95. If there are many of these messages then evaluate the available protected data store.

SYS3072 Block index is out-of-range for given ovflw_index_block.

SYS3073 Block index does not correspond with given ovflw_index_block. Block index is within range but it does not match with given ovflw_index_block.

SYS3074 Ran out of memory. Cannot allocate PDS for AUTH_TABLE_block.

SYS3076 No more PDS. Cannot allocate PDS for ATM_Sch_Blk.

SYS3077 No more PDS. Cannot allocate PDS for Cust_ATM_MHT block

SYS3078 Cust ID out-of-range. ATM_Sch_Blk customer ID is out-of-range of cDataPtr.

SYS3079 Customer Data is missing. No customer data exist for given cust ID for ATM_Sch_Blk.

SYS3080 Hour given is out-of-range. ATM_Sch_Blk number of hours out-of-range of 24 hours.

SYS3081 The value of printer is NIL. No ATM_Sch_Root_Ptr exist for given Cust_ID.

SYS3082 No more protected data store. Cannot allocate PDS for ATM_Sch_Rovt_Ent block.

SYS3084 Unable to allocate head/sub-head table block for FGD ANI data

SYS3085 No NPA block exists to which Nxx block can attached.

SYS3086 No NXX block exists to which SUB block can be attached.

SYS3087 The block number read is greater than expected.

SYS4007 LLC data block found but feature is not packaged. Data block not loaded into the system.

SYS4009 Cannot allocate memory for PNI Table.

Action: Check the Memory card.

SYS4010 Cannot allocate memory for PNI customer table.

Action: Check the Memory card.

SYS4011 Cannot allocate memory for PNI count table.

Action: Check the Memory card.

SYS4012 MAX_DGT_MAN_TBLS equal .MAX_DM_TBLS. The system cannot automatically create a new home location code (HLOC) digit manipulation index. (DMI).

Action: Manually use LD 86 and 90 to create the DMI for HLOC.

SYS4013 Patch block error.

SYS4014 Aries set data block cannot be loaded when Aries set package is not equipped.

SYS4015 SYS custno out-of-range. The cust ID of ICI Table Block is bigger than the size of cDataPtr.

SYS4016 No customer data block exists for given cust ID, of ICI Table block.

SYS4017 No protected data store exists to allocate a new ICI table block.

SYS4020 c r t INC CMF TBL in non VNET route has been zeroed,

Where:

c = customer number

r = a route number

t = an incoming CMF signaling table associated with the route

SYS4021 c r t ISST TBL in non VNET route has been zeroed.

Where:

c = customer number

r = route number

t = an incoming supplementary service table associated with the route

SYS4023 Unable to free unused PS for later PDS use.

SYS4024 x “x” 256W chunks of memory are available.

SYS4025 Only top 256 elements of MS were saved when moving STK or adjusting its size.

SYS4026	Only top 256 elements of RAS were saved when moving STK or adjusting its size structures.
SYS4033	Loop block not allocated due to cap limit.
SYS4034	Duplicate clock source option.
SYS4035	Card block not allocated due to cap limit.
SYS4036	Page 5 option set, bug logical Page 509 not on Page 5. No memory enhancement performed (XN and L only).
SYS4038	MSM package is not equipped.
SYS4040	5 or 6 Hunt and Night DNs, and all Display DNs have been removed because the ENP package is not equipped.
SYS4041	Display DNs are being removed because the customer does not have EDN option selected.
SYS4100	The ICDR data exists on the system tape but the ICDR package is disabled for the software active on the switch. All telephone sets and attendant console's ICDR options are removed.
SYS4101	The MCT data exists on the system tape but the MCT packages is disabled for the software active on the switch. MCT options have been reset.
SYS4102	Tape contains Enhanced Hot Line data but EHOT package is not equipped.
SYS4103	Hot Line Package must exist for EHOT package to be enabled.
SYS4105	This extension and all following extensions have been removed by Capacity Admin.
SYS4106	This PSTRN trunk and all following PSTN trunks have been removed by Capacity Admin.
SYS4107	This attn and all following attns have been removed by Capacity Admin.
SYS4108	Total number of extns removed by Capacity Admin.
SYS4109	Total number of PSTN trunks removed by Capacity Admin.
SYS4110	Total number of attendants removed by Capacity Admin.
SYS4111	Pilot DN block exits but tape is not equipped with GPHT package. PCBs are not loaded.

SYS4112 nn	More than 16 logical units cannot be configured. Therefore TTY “nn” is no longer configured.
SYS4200	Network Attendant Service (NAS) schedule block found on disk, but the NAS package is restricted. NAS data was not loaded.
SYS4201	One of NARS, NCOS or BRTE package required by Network Attendant Service (NAS) is restricted. NAS data was not loaded.
SYS4202	Warning: the disk is equipped with Network Attendant Service (NAS) and at least one of Attendant Overflow Position (AOP), Centralized Attendant Service Main (CASM) or CAS Remote (CASR). These packages are mutually exclusive. If the customer is using NAS, the AOP, CASM and CASR packages should be restricted.
SYS4203	P_AUX_CDB is missing for the Network Attendant Service (NAS) schedule block to be loaded. NAS data was not loaded.
SYS4204	The SDI_RECORD cannot be loaded or allocated during SYSLOAD.
SYS4205	Data can only be loaded when PRI2 package is selected.
SYS4206	Data can only be loaded when PRI2 or DTI2 package is selected.
SYS4207 c	No memory block (PDS) for Console Presentation Group (P_cpg_data_blk) during conversion. Attendant parameters for customer c are lost.
SYS4209	BKGD Port ID of “IS” changed to its ASCII equivalent “01”. This was done because the previously defined BKGD port of “IS” conflicts with a new message type in the Hospitality Voice Services (HVS) feature. **Action:** Continue to use the new port ID or “01”, or change it to another valid ID. This error does not inhibit a subsequent data dump.
SYS4210 xxx	Where xxxx can be one of the following codes: 216 DDSL number exceeds length of list allocated 563 Bad DPNSS channel block (data is lost) These codes correspond to SYS216 and SYS563 on SLX systems.
SYS4211	CPG number is out-of-range (1-63).
SYS4212	Customer number for CPG data block is out-of-range (0-99).
SYS4213	CPG (1-63) data block found but the CPG basic package (CPG_BAS_PACKAGE) is not equipped.

SYS4214	No Protected Data Store (PDS) to allocate the CPG data block.
SYS4215	No Protected Data Store (PDS) to for CPG0 data block at SYS2 wrap up time.
SYS4216	The protected CPG pointer block is nil (DNXL module) for a configured customer.
SYS4217	Customer configured, no CPG0 data block SYS2 will recover with the default values.
SYS4218	ATL package not equipped.
SYS4219	Cannot find the ACD Block for this Target Table.
SYS4220	Invalid DN for this NACD Target Table.
SYS4221	l s c u find the ACD Block for this Source Table.
SYS4222	Invalid DN for this NACD Source Table
SYS4223	Not enough Protected Data Store to set up FSNS pointer block.
SYS4224	More than one FSNS XXX block was found for the same customer, index and NPA.
SYS4225	The FSNS index record header was found to greater than the maximum value which is stored in the ESN data block.
SYS4226	Missing MCAD_TABLE entries on FTC conversion. Cadence data will be set to the defaults.
SYS4227	Cannot get Protected Data to create a new MCAD ENTRY table. Cadence data will be set to the defaults.
SYS4301	Aries data block cannot be loaded unless the Aries Package is equipped.
SYS4304	The system has found some corrupted LAPW data.
SYS4305	The root pointer is not set. The LAPW data will not be loaded.
SYS4306	The LAPW package is not equipped. The LAPW data will not be loaded.
SYS4307	PLDN package is not equipped; data has been cleared.
SYS4308	Bad data encountered while loading DN_GHBLK.
SYS4309	Unable to allocate PDS GPHT data block.

SYS4310 Bad data encountered while loading SCL_P_GHBLK.

SYS4311 l s c u The key template for the SL-1 set at this TN is missing. The data block cannot be loaded.

Action: The set must be redefined.

SYS4312 Attendant Alternative Answering (AAA) and Attendant Forward No Answer (AFNA) are mutually exclusive.

SYS4313 When a disk with IMS data and packages has been dumped to disk, and an IMS package is missing, then two SYS4313 messages are output on SYSLOAD instead of SYS0802.

SYS4314 PRI2 loop Conversion of PRI2 data block is not provided.

SYS4315 The Automatic Number Identification package (ANI) package 12 is not equipped. The data has been lost.

SYS4317 Use another data base. The data base on tape is developmental, before the final issue.

SYS4318 1.5 and 2.0 REP cannot co-exist, 2.0 is removed.

SYS4319 No RPE2 package. RPE2 not loaded.

SYS4320 CASM package 26 is not allowed on this machine type.

SYS4321 CASR package 27 is not allowed on this machine type.

SYS4322 Dedicated trunks can not be assigned to an ISA service route.

SYS4323 The step flag is turned off. Stepping to an ISA route is not allowed.

SYS4324 The step flag is turned off. Stepping to an ISA service route is not allowed.

SYS4325 The step flag is turned off. Stepping to a non-existing route is not allowed.

SYS4326 l s c A card number has been found during SYSLOAD which is out-of-range. Valid card numbers are listed here:

ENET: 1 - 10

Network/DTR card (NT8D18): 0-9 and 15

Network (NT8D04) card: 0-15

SYS4327 DO NOT DATADUMP This TN is greater than the limit and cannot SYSLOAD. DO NOT DATADUMP. SYSTEM INFORMATION WILL BE LOST.

Action: Order new disks with expanded limits.

SYS4328 DO NOT DATADUMP This ACD Agent/Supervisor is greater than the limit and cannot SYSLOAD. DO NOT DATADUMP. SYSTEM INFORMATION WILL BE LOST.

Action: Order new disks with expanded limits.

SYS4329 DO NOT DATADUMP This ACD DN is greater than the limit and cannot SYSLOAD. DO NOT DATADUMP. SYSTEM INFORMATION WILL BE LOST.

Action: Order new disks with expanded limits.

SYS4330 DO NOT DATADUMP This AST set is greater than the limit and cannot sysload. If you datadump, system information will be lost.

Action: Order new disks with expanded limits.

SYS4332 The IFC type of the ISA service route and the ISA route do not match.

SYS4333 The ISDN package is restricted in this event. You cannot load the DCH number.

SYS4334 The PRA package is restricted. You cannot load the DCH number.

SYS4335 The DCH mode is dedicated in the ESL mode, and the ESL package is restricted. You cannot load the DCH number.

SYS4336 This telephone set is declared incorrectly as an ACD Agent station.

SYS4337 The ACD_POS_LST_PTR for the ACD-DN is not set correctly.

SYS4338 xxxx yyyyyy ACD Package A is not equipped. The FFC package cannot be loaded for ACD 500/2500 sets.

Where:

xxxx = FFC type (LILO or NRDY)

yyyyyy = FFC that will not be loaded

SYS4339 The Virtual Network Service (VNS) data block cannot be loaded.

SYS4340 DNs cannot be built because the DN information is missing from the Virtual Network Services (VNS) data block.

SYS4341 The rest of those DNs cannot be built because there is no valid Customer Block existing.

SYS4342	RPA data lost; RPA package is not equipped.
SYS4343	RPA data lost; nil cust_no/ffc/rpa_dn pointer.
SYS4344	RPA data lost; corruption in ffc rpa system parameter block.
SYS4345	This customer lost the SDAC data because neither the SUPP nor PRTRANS packages are equipped.
SYS4346	The ISDN International package is restricted from that operation. The TSYNC data is not loaded.
SYS4347 c	The DN information for this customer is missing. The system cannot build a DN in the data base. Where: c = Customer number
SYS4348	The Time Synchronization (TSYNCH) package has been found, but the International ISDN supplemental features are restricted from its use. The TSYNCH data is not loaded.
SYS4349 c	You cannot build a TSYNCH DN, because the DN information for that customer (c) is missing.
SYS4350	Hospitality IDC tree block not loaded since Hospitality package is unequipped
SYS4351	Hospitality IDC tree block is not loaded.
SYS4352	Hospitality package is removed since some of the packages it requires are missing.
SYS4353	Hospitality Authcode block is not allowed.
SYS4356	Mini-CDR is not allowed on Option 11 machines. The package has been disabled.
SYS4357	The Remote Peripheral Equipment (RPE) package is not allowed on Option 11 machines. The package has been disabled.
SYS4358	The RPE2 package is not allowed on Option 11 machines. The package has been disabled.
SYS4359	Program type in the program header is invalid.
SYS4360	Conflicting information found in program header.
SYS4361	Overlay number in program header is out-of-range.
SYS4362	No program ROM was found.

SYS4363	Checksum on program ROM failed.
SYS4365	Fatal error: DNXL program not found on the storage medium.
SYS4366	Fatal error: SYS4 program not found on the storage medium. SYS4366 is only on the X81 stream at this time.
SYS4367	FATAL ERROR: If any of the packages listed below are equipped, the QPC948B ROM must be used. This message will always be given in conjunction with a SYS0088 message. The packages are: IDA, DPNSS, and DASS. This message applies to the ST machine only.
SYS4368	FATAL ERROR: The DNXL program cannot be found on the storage medium.
SYS4369	FATAL ERROR: The SYS4 program cannot be found on the storage medium.
SYS4370	FATAL ERROR: You must use QPC948B ROM if any of the following packages are equipped: IDA, DPNSS and DASS.
SYS4371	RPA data lost: in proc rpax_parm_blk; dnxlptr is nil.
SYS4372	rpa data lost; in proc rpax_parm_blk; rpa_ffc_parm_ptr already exists.
SYS4373	RPA data lost; in proc rpax_parm_blk; not enough memory for rpax parameter blk.
SYS4374	RPA data lost; in proc rpasys_head_blk; rpa_system_ptr: p_aux_cust_hdr not nil, data already exists.
SYS4375	RPA data lost, in proc rpasys_head_blk, not enough memory for rpa_system_blk or system parameter block.
SYS4376	RPA data lost; in proc rpasys_parm_blk, rpa_system_ptr: p_aux_cust_hdr is nil.
SYS4377	RPA data lost; in proc rpasys_parm_blk,rpa_system_parm_ptr[ ]: sys_head_ptr not nil. Data already exists.
SYS4378	RPA data lost; in proc rpasys_parm_blk, not enough memory for rpa traffic block.
SYS4379	RPA data lost; in proc rpa_dnpsa_tree, not enough memory for rpa dn block or dn-psa block.
SYS4380	RPA data lost; in proc rpa_dnpsa_tree, digit should not be 0.
SYS4381	RPA data lost; in proc rpa_dnpsa_tree, result from rpa_trans is not.rpa_invalid_dn.

SYS4382	RPA data lost; in proc rpa_trans, dnxlptr is nil or digit_count is greater than the maximum size of digit corruption in dn psa tree.
SYS4383	RPA data lost; in proc valid_ffc, wrong data type.
SYS4384	PGIP and PGSP FFCs will not be rebuilt when loading phase 6.65 and up.
SYS4385	Data block is unusable. It was dumped on an issue prior to 6.67; data lost.
SYS4387	Cannot get pds for the idc name block.
SYS4391	1.5 Mb/s DTI/PRI pad category table data can only be loaded when GPRI package (167) is equipped.
SYS4392	SCART/SCORE site ID different.
SYS4393 x	Due to the Security Cartridge feature Flash ROM on device x has failed checksum: Where: x = 4 indicates cartridge Flash ROM x = 8 indicates SCORE Flash ROM
SYS4394 x	Cannot find a directory record on device x. Where: x = 4 indicates cartridge Flash ROM x = 8 indicates SCORE Flash ROM **Action:** If x is not shown, then system should not load. Contact the manufacturer.
SYS4395	Unable to read control record.
SYS4396	Reserved. **Action:** Contact your technical support group.
SYS4397	Both Flash ROMs failed checksum.
SYS4398	Flash interface not idle.
SYS4399	Security check failed.
SYS4400	Could not post-process Digital DPNSS Signaling Link (DDSL).
SYS4401	Analog Private Network Signaling System (APNSS) TN lost.

SYS4402	FAXS package is removed because EES package is not equipped.
SYS4403	MSDL/MISP master table does not exist or cannot be allocated.
SYS4404	MSDL/MISP index is invalid.
SYS4405	AMP package 78 is not allowed on this machine type.
SYS4406	MFC package 128 is not allowed on this machine type.
SYS4407	MFE package 135 is not allowed on this machine type.
SYS4408	L1 package 188 is not allowed on this machine type.
SYS4409	RPA package 187 is not allowed on this machine type.
SYS4410	X25 package 153 is not allowed on this machine type.
SYS4411	Prerequisite package is missing during a sysload with EMCT package. EMCT package is restricted.
SYS4412 x	The I/O address of port x is the same as a previously built port. Port x will be taken out of the configuration record (LD 17). **Action:** Check for any data corruption or conversion problems.
SYS4413	The number of DSLs has reached the limit. No further DSLs can be loaded.
SYS4414	Cannot allocate protected storage.
SYS4415	Cannot find Digital Subscriber Loop (DSL) data.
SYS4416	Basic Rate Interface (BRI) package restricted.
SYS4417	MISP cannot be associated with line card because protected loop data block for the card does not exist.
SYS4418	MISP cannot be associated with line card because protected card data block for the card does not exist.
SYS4419	Cannot find USID map.
SYS4420 dn	WARNING: Multiple TNs associated with BRI DN.
SYS4421	The number of Logical Terminal IDs has reached the limit. No further LTIDs can be loaded.

SYS4422 JDMI package 136 is not supported on this machine type.

SYS4423 CUST x DN xx During DN translation in sysload, no MARP or more than one MARP was found in the database for DN “nnnn” in customer “x”. Only one MARP should be defined for a DN.

The MARP database information for TN “l s c u” has been corrected and a default MARP TN selected for the DN. This corrected database can be saved or altered further by service change before saving with a data dump.

SYS4424 Invalid ROM version. Install ROM for X11 Release 18.

SYS4425 WARNING: Memory auto configuration has occurred. Verify that the installed memory agrees with the tested memory. Output:

MEMORY AUTOCONVERSION

MTYP xxxx xxxx xxxx

MEMORY MAX ADDRESS IS yyyyy

Where:

xxxx = memory type configured (768, 1MEG, etc.)

yyyy = highest configured address (i.e. 1FFFFF for 2Meg)

Action: Adjust MTPY prompt in LD 17 if multiple cards are in use.

SYS4426 MSDL/MISP master table does not exist or cannot be allocated. Output: MSDL/MISP {msdlmisp index in decimal}.

SYS4427 MSDL/MISP index is invalid. Output: SYS4427 MSDL/MISP {msdlmisp index in decimal}.

SYS4428 MSDL/MISP MSDL_MISP_BLOCK does not exist. Output: SYS4428 SID BLK {msdlmisp index in decimal}.

SYS4429 Conv: No memory is available. Cannot allocate the phy_dump_array structure.

SYS4430 Conv: No memory is available. Cannot allocate the p_async_block structure.

SYS4431 SYS4431 = Conv: The conversion of ESDI asynchronous data block failed, because the corresponding P_ASYNC_BLOCK cannot be found, due to a database corruption.

SYS4432 Conversion of CSL failed: The ESDI parameter download data block is missing from the database.

SYS4433 SYS4433 = Conversion of CSL failed: The ESDI parameter download data block is not set up for the synchronous mode.

SYS4434 Conv: The required entry in DUMP_CARD_TYPE structure is not free and is in use by another IO unit. Output: INDX: {occupied physical address in decimal} . CARD: {card type in decimal. This is the card type occupying the entry, which we assumed to be free.}

SYS4435 Conv: The XSM is lost because the SDI data block was not previously created, due to an earlier error.

SYS4436 The block PHY_ARRAY is missing. It must exist and should have been loaded from tape. Therefore this is a database corruption.

SYS4437 SDI x The P_SDI_BLK_PTR pointer is nil for the given logical SDI number in decimal. This indicates one of the following:

1. Corruption in the configuration record

2. Corruption in the P_SDI_BLK_PTR

To be consistent, CONFIGTTYOP is zeroed out for the specific device.

SYS4438 Corrupt database. Bad card type. Only SDI, SDI2, XSDI, SDI4, DCHI and MSDL cards are allowed for asynchronous IO. Output:

CARD: {card type in decimal}

SDI: {sdi number in decimal}

SYS4439 SDI x The P_SDI_BLK_PTR pointer is nil for the given SDI number in decimal. This indicates one of the following:

1. Corruption in the configuration recordCorruption in the P_SDI_BLK_PTR

2. To be consistent, CONFIGTTYOP is zeroed out for the specific device.

SYS4440 Procedure GET_PHY_BLK failed: dev_no is not valid. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4441 Procedure GET_PHY_BLK failed: port_no is not valid. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4442 Procedure GET_PHY_BLK failed: Too many TTY, printer, DCH, AML or MSDL units. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4443 Procedure GET_PHY_BLK failed: Undefined logical application type. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4444 Procedure GET_PHY_BLK failed: Cannot allocate PDS for the physical IO block.

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4445 Procedure GET_PHY_BLK failed: Too many loop devices and serial card devices. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}=

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4446 Procedure GET_PHY_BLK failed: Cannot find the physical IO block previously allocated. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4447 Procedure GET_PHY_BLK failed: The port is already in use by another application. Output:

LU TYPE: {logical application type in decimal}

LOG NUM: {logical application number in decimal}

DEV NUM: {physical device number in decimal}

PRIO NUM: {IO polling table priority number in decimal}

OPTION: {optional parameter in decimal}

SYS4448 The MSDLMISP socket ID data structures do not exist.

SYS4449 Database corruption. The P_ESDI_TBL_HDR is nil. Output: CSL {esdi number in decimal}.

SYS4450 Database corruption. The content of pointer P_ESDI_BLK_PTR[ESDI_PORT_NO]: P_ESDI_TBL_HDR is nil. Output: CSL {esdi number in decimal}.

SYS4451 The given AML number is removed from the VAS list belonging to the given VAS number, since the protected AML data block belonging to the given AML number, does not exist. Output: VAS {vas number in decimal}.

SYS4452 Corruption: The ESDI block number 49 is removed from X11 Release 18. It is not allowed to exist in X11 Release 18 and later, databases. Output: ESDI {esdi number in decimal}.

SYS4453 Corruption: The CSL block number 50 is removed from X11 Release 18. It is not allowed to exist in X11 Release 18 and later, databases. Output: AML {aml number in decimal}.

SYS4454 Corruption. The PHY_BLK_PNTR is nil. The pointer should point to PHY_ARRAY and must have been loaded from tape previously. As a result the given AML block is disregarded. Output: AML {aml number in decimal}.

SYS4455 x Warning: AML x is not loaded because the address is occupied by a previously loaded device. X11 Release 17 and earlier can configure an unused ESDI AML on top of an existing port. X11 Release 18 and later removes the unused ESDI.

SYS4456 The logical IO table header for csl_log_appli type for the given logical AML number cannot be set up. As a result the given AML block is disregarded. Output: AML {aml number in decimal}.

SYS4457 The X25 block type (i.e., block 75) is no longer supported. Output: X25 {X25 number (i.e., esdi number) in decimal}.

SYS4458 The logical master head IO tables cannot be allocated due to lack of memory. As a result the given DCH block is disregarded. Output: DCH {dch number in decimal}.

SYS4459 The AML number is out-of-range. Output: AML {aml number in decimal}.

SYS4460 The SDI number is out of range. Output: SDI {sdi number id decimal}.

SYS4461 Warning: Since the physical dump array block is not loaded from tape then it is created blindly. The reasons that the block is missing from the tape are:

1. Conversion from Release 17 to 18 failed.

2. The tape has only the minimum database (i.e., only the configuration record and no other database). This last case is not a database conversion or loading corruption and is normal.

SYS4462 Failed to allocate memory for logical master head I/O table, or failed to allocate memory for the physical DUMP_CARD_TYPE structures.

SYS4463 Failed to allocate memory for P_ASYNC_BLOCK structure. Output: INDX: {sdi number in decimal}.

SYS4464 The asynchronous application type is not allowed on the ESDI card type starting from RLS 18. Output: INDX: {sdi number in decimal}.

SYS4465 Warning: Since the card type for the given SDI application type was bad, the memory previously allocated for the given SDI application type, is released. Output: INDX: {sdi number in decimal}.

SYS4466 Warning: Since user types are defined but their logical SDI data structures do not exist, due to a corruption, the user types are cleared from the configuration record data structure. Output: INDX: {sdi number in decimal}.

SYS4467 XSDI Block type number 93 is no longer supported starting from X11 Release 18.

SYS4468 XSDI Out of PDS to allocate SDI_MHT_BLK block type.

SYS4469 The History File cannot be allocated, because of package restriction, or because there is no more space in the I/O polling table.

SYS4470 ISM limit for the D-channel is reached. The total D-channels configured on the existing database, is more than the number the customer is allowed to have. Output: DCH {dch number in decimal}.

SYS4471 ISM limit for the AML is reached. The total AML links configured on the existing database, is more than the number the customer is allowed to have. Output: AML {aml number in decimal}.

SYS4472 Both MSDL and BRI packages are restricted, so the data associated with the MSDl or MISP cards is not loaded.

SYS4473 The block type_sid_blk (#104) cannot be loaded since the MSDL_PACKAGE number 222 is restricted. Output: SID BLK {msdlmisp index in decimal}.

SYS4474 Corrupt database. Bad card type. Only DCHI and MSDL cards are allowed for DCH links.

Output:

CARD: {card type in decimal}

DCHI {dch number in decimal}

SYS4475 Corrupt database. Bad card type. Only ESDI and MSDL cards are allowed for AML links. Output:

CARD: {card type in decimal}

AML: {aml number in decimal}

SYS4476 FNP package not equipped, cannot load DTAD data.

SYS4477 FC68 package 223 and Japan Trunk package 97 are mutually exclusive. FC68 package is turned off automatically.

SYS4478 TN is thrown out because the size of the protected TN block has exceeded 255 words.

SYS4479 Fatal error: The SYSPP program cannot be found on the storage medium.

SYS4480 Cannot allocate memory for a group I/O table.

SYS4481	The Network Call Pickup package has been restricted because some or all of its prerequisite packages are not equipped.
SYS4488	WARNING: The ARDL package (304) and the OPAO package (104) are mutually exclusive. ARDL package is turned off automatically.
SYS4500 x	Skipping slot x. Cannot calculate address to check for CP with cable.
SYS4501 x	Skipping slot x. Cannot get card ID.
SYS4502	Timeout waiting for response from remote CP. **Action:** Check that both CPs have the same number of SIMMs.
SYS4503	Remote processor is not CP. **Action:** Be sure remote processor is CP.
SYS4504	CP redundancy impossible. No CP to CP cable.
SYS4505	CP redundancy impossible. There is no remote power. **Action:** Check the CE power supply on remote Core module. Be sure the CP to CP cable is properly connected.
SYS4506	CP redundancy impossible. Both shelves have the same ID. **Action:** Set the JB4 jumper on the backplane so both sides match.
SYS4507	CP redundancy impossible. Both switches are in MAINT. **Action:** Check that at least one of the CP Norm/Maint switches is in Norm mode (up).
SYS4508	CP single mode: could not synchronize CSA space.
SYS4509	Could not set CP semaphore bit (side x).
SYS4510	CP single mode: memory shadow test failed. **Action:** Reseat or replace the Standby CP.
SYS4511 x	Cannot open BIC window (slot x). Cannot check for CP cable.
SYS4512 x	Cannot close BIC window (slot x).
SYS4513 x	Could not get CP semaphore bit (side x).
SYS4514 x	Skipping slot x, cannot calculate address to see if CP bit is set.

SYS4515 Unable to find the active CMDU.

SYS4516 Unable to find the diskos.sym file.

SYS4517 x Switching from CPU x to preferred side.

SYS4520 Cannot get available memory for SL-1 Memory Control from Memory management. Sysload fails due to lack of memory.

SYS4521 Cannot turn on memory protection. Input address is invalid.

SYS4522 Cannot turn off memory protection. Input address is invalid.

SYS4523 yyyy mm dd hh:mm:ss HD0 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4525 yyyy mm dd hh:mm:ss HD0 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4527 iiii dd/mm/yyyy hh:mm:ss rr This message refers to the X11 release and issue (iiii), date and time (dd/mm/yyyy hh:mm:ss) and size (rr) of the database to be sysloaded. The date and time indicate when the file was last written.

SYS4528 yyyy mm dd hh:mm:ss HD Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4529 yyyy mm dd hh:mm:ss FD0 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4530 yyyy mm dd hh:mm:ss FD1 Database data dumped yyyy/mm/dd hh:mm:ss.

SYS4531 During conversion, XTD and/or RDB DFQ has been changed to XTDT.

Action: Consult NTPs and LD 97, LD 20 and LD 21 to ensure that configuration is as desired for XTD operation.

SYS4532 The CPSI entry cannot be allocated; the limit for SIO devices has been reached.

SYS4533 Cannot allocate protected data store for XTD table. Table not loaded.

SYS4534 Warning: IEN package or SACP package not equipped. Configured IEN ICI keys are removed. Procedure REMOVE_IEN_ICI (module SYSPP).

SYS4535 Warning: IEN Block Timer is reset to its default value because SACP or NAS package is not equipped.

SYS4538 Inconsistencies in boundaries of previous SL1 load.

SYS4539 Inconsistencies in boundaries of previous OVL load.

SYS4540 Error loading SL-1 file into memory.

SYS4541 Error loading overlay file into memory.

SYS4542 Error in loading, last address {n}.

SYS4543 Error returned from segInit2{n}.

SYS4544 Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4545 Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4546 Error sl1_start_addr {n}, last sl1_prot_address {x}.

SYS4547 Error initializing SL-1 pool and data area.

SYS4548 Error getting dloPathFileName for ovlres.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4549 Unable to open {file name}.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4550 Error in loading, last SL-1 address {n}.

SYS4551 Overlay start address {n} overlaps end of SL-1 area {x}.

SYS4552 Error ovl_start_addr {n}, last_ovl_prot_addr {x}.

SYS4553 Error initializing overlay data area.

SYS4554 Error calling ovlres entry.

SYS4555 Invalid parameter to ldrNextPage, address {n}.

SYS4556 Seek error while loading (OVL or INSTALL) code file.

SYS4557 Error reading a_out header from file (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4558 Invalid a_out header in file.

SYS4559 Error reading link header.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4560 Invalid link header in file.

SYS4561 Module not linked to page boundary.

SYS4562 Seek error while loading (OVL or INSTALL) code file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4563 Error reading a_out header into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4564 Error reading text segment from disk into memory (OVL or INSTALL).

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4565 Error reading data segment from disk into memory (OVL or INSTALL). Reload the system with the Manual Reload button.

Action: Reinstall software from installation disks.

SYS4566 Seek error while loading SL-1 code.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4567 Error reading a_out file from SL-1 file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4568 Invalid a_out header in SL-1 file.

SYS4569 Error reading link header from file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4570 Invalid link header in file.

SYS4571 Module not linked to page boundary.

SYS4572 Seek error while loading code.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4573 Error reading a_out header from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4574 Error reading text segment from disk into memory.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4575 Invalid data segment in SL-1 module.

SYS4576 Error access in code file.

Action: Reload the system with the Manual Reload button. Reinstall software from installation disks.

SYS4577 Error reading data segment from disk into memory.

Action: Reload the system with the Manual Reload button.

SYS4578 Invalid a_out header in memory (OVL or INSTALL).

SYS4579 Invalid link header in memory (OVL or INSTALL).

SYS4580 x End of Protected data = x (OVL or INSTALL).

SYS4581 x y Unprotected data start x overlaps Unprotected data end at y (OVL or INSTALL).

SYS4582 Error copying data from Protected memory to Unprotected memory for static modules.

Action: Reinitialize the system with the INIT button.

SYS4583 Invalid a_out header in memory.

SYS4584 Invalid link header in memory.

SYS4585 x End of Protected data = x.

SYS4586 x y Unprotected data start x overlaps Protected data end at y.

SYS4587 Error copying data from Protected memory to Unprotected memory for SL-1 modules.

	Action: Reinitialize the system with the INIT button.
SYS4588	Feature Group D not allowed on Option 11 machine. Package 158 has been disabled.
SYS4589	Customer n has DITI = YES in LD15 but the DID to TIE package 176 is equipped, DID to TIE calls will be restricted by the DID to TIE package.
SYS4590	BRIT package restricted.
SYS4592	BRIL package restricted.
SYS4593	Either the BRIL or the BRIT package needs to be equipped.
SYS4594	BRIL application will not be configured on any MISP because the BRIL package is not equipped.
SYS4595	BRIT application will not be configured on any MISP because the BRIT package is not equipped.
SYS4596 xx yy	PEMD data in the route datablock was erased due to PEMD package restriction. Where: xx = customer number yy = route number
SYS4600	The DTI package is restricted and either the BRIT package is restricted or the DTI2 package is equipped or the PRI2 package is equipped.
SYS4601	M911 package is restricted, therefore NPID block cannot be loaded in memory.
SYS4602	NPID block exceeds length of block allocated.
SYS4605 xx	SICA Table xx is erased due to PEMD package restriction.
SYS4606 x	That CDR Link port has been removed.
SYS4607 x	That Low speed Link port has been removed.
SYS4608	The port allocated for STA is being used by another application.
SYS4609	STA logical number is out-of-range.
SYS4610	STA logical number is out-of-range.
SYS4613	Protected loop block does not exist.

SYS4614 Cannot update card pointers to BRSC data block because card data blocks exist.

SYS4615 Cannot associate BRSC with line card because protected card data block does not exist.

SYS4616 xxxx yyyy Unable to allocate protected data storage for DCH call reference table.

Where:

xxxx = mnemonic of feature affected

yyyy = name of data structure affected

SYS4617 Unable to allocate protected data storage for limited access to Overlays (LAPW). The LAPW package has been restricted.

SYS4620 Attendant Blocking of Extension feature turned off because SACP package is not equipped.

SYS4621 s s Kwords of expanded memory have been auto-configured. MTYP prompt in LD 17 has been updated. This message will only occur on a new system installation. No action required. This is the standard message for the auto installation of expanded memory.

SYS4623 IPRA package is restricted, but there is an international interface. The interface cannot be enabled with the current software packaging.

SYS4624 The number of Meridian 1 Packet Handler Digital Subscriber Loops (DSLs) reached the limit. No further MPH DSLs can be sysloaded.

SYS4625 B Channel TN not in MPH loop data block.

SYS4626 LAPB data block does not exist.

SYS4627 X25P data block does not exist.

SYS4628 Resident code is compressed, but the decoding table does not exist.

SYS4629 Meridian 1 packet handler (MPH) package is restricted.

SYS4630 The MPH application cannot be configured on an MISP because the MPH package is restricted.

SYS4631 KD3 Package unequipped - Data is discarded.

SYS4632 MFK5/MFK6 data corruption.

SYS4633 n Cannot load data block for PRI loop n when INBD package is restricted.

SYS4634 n Backup D-channel n is not loaded for this interface.

SYS4635 Cannot allocate Protected Data Store for AOC parsing tables.

SYS4636 The Voice Mailbox Administration data block exists without the feature configured.

Action: Contact your technical support group.

SYS4637 The Voice Mailbox Administration data block contains invalid TNs.

Action: Contact your technical support group.

SYS4638 There is no memory available to build the Voice Mailbox data block.

Action: Contact your technical support group.

SYS4639 Voice Mailbox data exists without the feature package configured. The mailbox data has been discarded.

Action: Contact your technical support group.

SYS4640 Voice Mailbox Administration application data exists with the feature package restricted. The application data is discarded.

Action: Contact your technical support group.

SYS4641 Superloops 32, 36, 40, 48 have been added to the configuration. This only occurs when upgrading to the Option 11E CPU and these loops do not already exist. No action required. Standard message for the auto-configuration of superloop data.

SYS4642 Superloops 32, 36, 40, 48 have NOT been added to the configuration. This message only occurs when upgrading to the Option 11E CPU and one of these loops is already configured.

Action: Check that the configuration is as desired. If a third box is being added to the system then superloops 32, 36, 40, and 48 must exist.

SYS4643 M2317 data block cannot be loaded when package is not equipped.

SYS4645 Only one of the language packages may be equipped. The MLMS feature has been disabled (Option 81 only).

Action: Reinstall the system.

SYS4646 Mismatch between language pkg read at cold start and during SYSLOAD (Option 81 only]

Action: Print out the list of equipped packages in LD 22. If the list does not match that on the label, restart the system.

SYS4647 The MLMS language packages is allowed on Option 81 systems only. The packages were disabled. No action required.

SYS4648 lll Phantom loop {lll} is found, but the PHTN package is restricted. Phantom loop {lll} is not loaded. All phantom TNs configured on this loop will not be loaded and existing SYS messages will be given. OUTPUT: lll = phantom loop number

SYS4649 MCT data exists without the MCT package. The data is cleared.

SYS4650 SCDR data exists without the SCDR package. The data is cleared.

SYS4651 CDR link and the MCT packages are mutually exclusive. The CDR link package is turned off.

SYS4653 A BCS Phantom loop is found, but either the phantom or csl package is not equipped.

Action: Remove the loop and all associated data.

SYS4654 Procedure SAMM_PBX_SRVR. Standalone Meridian Mail server not loaded - out of PDATA

SYS4655 Procedure SAMM_PBX_SRVR. Too many Standalone Meridian Mail servers loaded, not included in the table, TN not loaded.

SYS4656 Cannot allocate protected data store for xpec. This error message will be called from new proc SETUP_INIT_XPEC in MODULE SYS4XXX.

SYS4657 Warning. Existing CIST data are removed because CIST package 221 is restricted.

SYS4658 Existing ACRL data is removed because the ACRL package is restricted. Enable the ACRL package and reload the system.

SYS4663 TN 0 0 0 0 is not valid. TN is rejected

SYS4664 LAPW password nn is removed because it is a Set Based Administration password and the ADMINSET package is restricted.

SYS4665 Set Based Administration login limits are set to zero because the ADMINSET package is restricted.

SYS4666 The ADMINSET package is equipped, but one of its dependant packages (FFC package, LAPW package, Multi-User package) is restricted. Set Based Administration login limits are set to zero.

SYS4667 On sysload, CCB data exists, but the CCB package is restricted.

Action: CCB data is cleared.

SYS4668 Call Pickup Network Wide cannot be loaded as ISDN package 145 is restricted.

Action: Load with ISDN package equipped.

SYS4669 The DPNSS_ES package is equipped, but the DPNSS package is not.

Action: Since DPNSS is a pre-requisite for DPNSS_ES, DPNSS_ES is forced unequipped.

SYS4679 CAC defined for BCS, PBX or route exceeds the CIS maximum range for CAC (9). CAC is set to CIS default value for CAC (3).

SYS4690 China Attendant Monitor Package (CHINA) package 285 is not equipped but the Attendant Monitor option is allowed, then the options are reset to disable the China Attendant Monitor feature.

SYS4691 BTD package is not equipped, the BTD tables have been removed.

SYS4692 Unable to allocate protected memory for BTD Table 0.

SYS4693 IDC package is removed since NFRC package is missing.

SYS4694: CDB cc and/or RDB rr Due to unequipped IDC package, IDC data has been lost in customer cc or IDC data has been lost in Route rr of Customer cc.

SYS4695 The mnemonic, filter and exception tables have been removed. NOTE: Their functionality has been replaced by the new Event Default and Preference Tables for Option 81 switches.

SYS4696 Auto-configuration of conference loop 62, 94 or 95 could not be done. Loop 62 , 94 or 95 has already been defined.

Action: Check your configuration record and redefine loop 62 for conference.

SYS4697 Auto-configuration of conference loop 62, 94 or 95 has performed successfully.

SYS4698 If package 46 is not equipped and the feature is, it indicates that package 46 is not equipped and that the TMAR bit for customer y is cleared.

SYS4699 WARNING: Existing ARDL data is reset to its default values, because ARDL package is restricted.

SYS4700 A Secondary Call Park Block has been discarded due to CPRKNET package missing.

Action: Contact your NT representative for correct package configuration.

SYS4701 Customer Call Park option changed from CPN to CPA due to CPRKNET package missing.

Action: Contact your NT representative for correct package configuration.

SYS4702 A Secondary Call Park Block has been discarded since the customer does not have a Primary Call Park Block.

Action: Contact your NT representative.

SYS4706 Warning: Clear CPP or TCPP for a non-ISDN trunk route if the OPOA package is equipped.

SYS4707 x A Sysload Warning Message indicates that the TAT database has been removed due to the TAT package not being equipped in the M1 switch.

SYS4708 x A Sysload Warning Message indicates that the TAT database has been removed from the D-channels associated with the DCHI cards.

SYS4712 cust PTU or MFC package not equipped; PTU data cleared in customer data block.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4713 cust route PTU or MFC package not equipped; PTU data cleared in route data block.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4714 cust table-number PTU and MFC packages are not equipped. PTU data cleared in incoming R2MF table.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4715 FFC or AWU package not equipped. WUD and STE data are cleared.

SYS4716 The VDN block cannot be loaded during SYSLOAD. The VNS database cannot be restored.

Action: Redefine the VDN data block.

SYS4717 The ARDL package (304) and the OPOA package (104) are mutually exclusive. ARDL package is automatically turned off.

SYS4718 Cannot load EuroISDN Network Mode data when Master Mode package is restricted.

SYS4719 table-number PTU and MFC packages are not equipped. PTU data cleared in outgoing R2MF table.

Action: Equip PTU and MFC packages and reload if PTU is required.

SYS4720 Either the Speed Call or System Speed Call package is restricted and the data exists.

SYS4722 Customer Call Park data is lost due to Call Park database memory allocation problems.

Action: Contact your technical support group.

SYS4723 Customer option is changed to CPD due to Call Park database memory allocation problem.

Action: Contact your technical support group.

SYS4729 xx xx = %DNIS MMCS informations were found and MMCS package is restricted, the fields are set to default value INDGT, PRDL, INDI, DTIM, DIG#, DIIE).

SYS4730 Phantom DTI2 loop {lll} is found, but either the ISPC package or the DTI2 package is restricted. Phantom DTI2 loop {lll} is not loaded. All phantom DTI2 TNs configured on this loop will not be loaded and existing SYS messages will be given.OUTPUT: lll = phantom loop

Action: Unrestrict the ISPC package and the DTI2 package and then reload the PBX if necessary.

SYS4731 Unable to allocate protected memory for CLID Block or CLID table. Some CLID entries may be lost.

Action: Use Overlay 21 to print the CLID entries. Configure the entries that are needed.

SYS4732 {TN} x MFC/MFE/MFK5/MFK6 trunk: the MF digi5t transmit level (MFL) for this trunk has been changed to an MF transmit level identifier (MFLI) and has been given a default value of 0. x is the former MFL, value for the TN.

Action: Use LD 97 to change the system transmit levels (MFTL0 and MFTL1) and LD 14 to change the MFLI for each trunk.

SYS4750 This template contains keys at the end that exceed the phone set capacity. These keys are removed and replaced by NULL_KEY.

Action: Reconfigure the phone set that uses this template.

SYS4751 The keys in this phone set are removed at the end since they exceed capacity (see SYS4750 for more information). The user may need to reconfigure the keys on this set. The phone set will not be taken out of service.

Action: Since some keys are lost at the end, use the overlay and reconfigure the keys if necessary.

SYS5714 Cannot allocate protected data store for XTD Table.

SYS6692 x1 x1 = %Invalid input when the MMCS package is not equipped.

SYS6693 x2 x2 = %DTIM should be defined to have PRDL=DNIS.

SYS8980 Data block can only be loaded when STIE package is equipped.

SYS8981 ICP Package not equipped.

SYS8982 Attempt to write a protected bit field for a specific bit offset and bit width which do not fit in a 16 bit word.

SYS8983 CLED package not equipped, data cleared.

SYS8984 Digital console package not equipped, data cleared.

SYS8985 FFC code corruption.

SYS8986 Flexible Feature Code is out of Protected Data (PDATA) storage.

SYS8987 FFC customer pointer is missing. The FFCs are not ready.

SYS8988 FFC package 139 is not equipped. FFCs have been removed.

SYS8989 mmmm ddd ppp Package not equipped, FFC will not be loaded.

Where:

mmmm = mnemonic of FFC not loaded

ddd = digits of FFC not loaded

ppp = package not equipped

SYS8990 OPCB package not equipped, data cleared.

SYS8991 SUPP package not equipped, special service list data cleared.

SYS8992 MPO package is restricted but MPO data is found. MPO data is cleared.

SYS8993 DTI2 - DTI2 package not equipped, data cleared.

SYS8994 DTI2 - JDMI package not equipped, data cleared.

SYS8995 ART head table not found, data lost.

SYS8996 Unable to allocate protected data store for TBAR.

SYS8997 Duplicate Art # found, date lost.

SYS8998 ART # out-of-range, data lost.

SYS8999 TBAR package not equipped, data not loaded.

SYS9026 DPNNS1 MWI: an NSI table cannot be restored.

Action: Redefine the MWI NSI table.

SYS9027 Existing MFS data is removed because the CISMFS package is restricted.

SYS9028 System is not ESA packaged. ESA data has been discarded.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9029 ESA data is for an undefined customer. ESA data has been discarded.

Action: Contact your technical support group.

SYS9030 System is not ESA_CLMP packaged. ESA_APDN has been reset to YES.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9030 System is not ESA_CLMP packaged. ESA_APDN has been reset to YES.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9031 Invalid DFCL configuration is encountered in the ESA block. DFCL has been reset to null.

Action: Contact your technical support group if the system packaging is incorrect.

SYS9032 NI-2 CBC package not equipped. NI-2 CBC data lost.

Action: Install NI-2 CBC package.

SYS9033 Diversion remote capability is removed since the QSIG-SS package is restricted.

Action: Enable the QSIG-SS package and Sysload the system again.

SYS9034 The RCAP MQC is removed because the MEET package is restricted.

SYS9037 Customer has configured a RAN route with data requesting the RAN broadcast package but RAN broadcast package restricted. Broadcast capability removed from route, ringback tone provided while waiting and new RAN machine types changed.

Action: Enable RAN Broadcast package. DO NOT DATADUMP, system information will be lost.

SYS9038 Number of broadcasting routes exceeds ISM limit. Broadcast capability removed from route.

Action: Customer must contact distributor to increase ISM limit. DO NOT DATADUMP, system information will be lost.

SYS9039 Number of broadcast RAN connections exceeds ISM limit.

Action: Customer must contact distributor to increase ISM limit. DO NOT DATADUMP, system information will be lost.

SYS9040 Customer has broadcasting music route configured but music Broadcast package restricted.

Action: Enable music Broadcast package. DO NOT DATADUMP, system information will be lost.

SYS9041 TBAR Package is not equipped. FTOP in CDB reset to FRES.

SYS9063 Invalid trunk type encountered in trunk TN block.

SYS9064 The MMCS or IVR packages are restricted. VPA cls cleared.

SYS9066 Trying to load some NI-2 Master Mode data with MMCS or Master Mode or NI-2 packages unequipped. These data will be lost.

Action: Equip packages 309 or 317 or 291 and re-load.

SYS9069 Trying to load some French Code Abonne Network Side data with

MMCS or DTI2 or FCANS package unequipped. The data will be lost.

Action: Equip packages 317 or 129 or 343.

SYS9070 CPP//CPPO database defined for the route is discarded because CPP/CPPO is not equipped.

SYS9115 Unable to allocate protected memory for ANI block or ANI Table. Some ANI Entries could be lost.

Action: Use Overlay 21 to print the ANI Entries. Try to configure the entries that are needed, or contact your technical support group.

SYS9116 The PRA package is restricted in the system.

SYS9117 Taiwan R1 data in RDB but package is off. Data is lost.

Action: Equip TWR1 package and reload. Contact your technical support group.

SYS9118 Taiwan R1 data in the trunk data block but the package is off. Data is lost

Action: Equip TWR1 package and reload. Contact your technical support group.

SYS9120 The QSIG call transfer remote capability is removed during the sysload since the QSIG-SS package is restricted.

Action: Equip the package #316 and sysload a second time. Reconfigure RCAP to ETI or CTO.

SYS9123 Unable to allocate memory for the access prefix block or access prefix table.

Action: A memory fault must be cleared or more memory must be equipped.

SYS9124 Access prefix data cannot be loaded as ISDN package #145 is restricted.

Action: Feature DAPC is part of the ISDN package #145.

SYS9125 The ACLI package is not equipped.

Action: Equip the ACLI package.

SYS9126 System is PRA package restricted. ICS data is discarded while sysloading.

SYS9127 System is DTI package restricted. ICS data is discarded while sysloading.

SYS9128 Package #350 unrestricted with package #240 restricted.

SYS9129 Package #350 restricted with MWUN set to 32.

SYS9130 Incompatible units have been configured on the same line card.

SYS9131 FDID IDC tree block not loaded since FDID package (362) is not equipped.

Action: Equip package 362 and re-load.

SYS9132 One or more of the following packages required for FDID (362) is missing: NFCR (49), CCOS (81), BGD (99), RMS (100), IDC (113).

Action: Check the package dependencies for this feature, equip the necessary packages, and reload.

SYS9134 Unable to allocate memory for access prefix block or access prefix table.

Action: A memory fault must be cleared or more memory must be equipped.

SYS9135 Access prefix data cannot be loaded as the ISDN package #145 is restricted.

Action: The feature DAPC is part of the ISDN package #145.

SYS9137 The prompts related to the BSFE feature are set to default values as the BFS package is not equipped.

SYS9138 The number of portable TNs exceed the Portable Limit and no further portable TNs can be sysloaded.

SYS9148 The FGD package is not equipped: FGNO value is lost in DGCR.

SYS9150 Phantom TN superloops are moved to current loop +32 and Phantom TN cards are moved to current card +20 (for Option 11C only).

TDS: Tone and Digit Switch Diagnostic (LD 34)

The Tone and Digit Switch and Digitone Receiver diagnostic program (LD 34) tests packs used in generating and detecting tones in the SL-1 system. Response to commands for the Dial Tone Detector card are output as DTD messages. Response to commands for the Tone and Digit Switch card are output as TDS messages.

TDS messages

TDS0000	Program identifier indicating that the program has been loaded.
TDS0001 loop	TDS loop has incorrect Digitone cycle. Outpulsing from that TDS may be faulty, or 100 ms Digitone burst is being used in a system defined for a 50 ms operation or vice versa.
TDS0002 loop	TDS loop is transmitting erroneous Digitone frequencies. Digitone outpulsing from that TDS will be faulty. Minor lamp is lit on attendant console.
TDS0003 loop	20 pps outpulser on TDS loop L has bad timing or is not producing the correct number of pulses per request. 20 pps outpulsing is faulty.
TDS0004 loop	10 pps outpulser on TDS loop has bad timing or is not producing the correct number of pulses per request. 10 pps outpulsing is faulty.
TDS0005 loop	An outpulser on TDS loop did not complete a digit. 10 or 20 pps outpulsing is faulty.
TDS0006 loop	All outpulsers on TDS loop have been disabled due to a system I/O interface fault. Minor alarm lamp lit on attendant console.
TDS0008 loop	The Digitone pulse on TDS loop did not complete cycle. Digitone outpulsing is faulty. Minor alarm lamp is lit on attendant console.

TDS0010 loop Channel errors. Bad channels are disabled. Capacity of TDS is reduced. Outpulsing and/or tone faults may occur.

TDS0011 loop x The Tone Detector is unable to detect tone x generated by TDS loop L.

Where x):

1 for Dial Tone

2 for Busy Tone

3 for Overflow Tone

4 for Ringback Tone

5 for Test Tone

TDS0012 Loop is not an active TDS. It is disabled. Pack must be enabled prior to testing. This code will only occur with a test that is invoked manually.

TDS0013 loop TDS not allowed in that loop.

Action: Use LD 17 to change system configuration.

TDS0014 loop Tone path could not be established to tone and digit loop.

Action: Check for disabled slots on pack (STAT L). If none disabled, try later when traffic is reduced.

TDS0015 loop TDS loop is not responding. Minor alarm lamp is lit on attendant console.

Action: Replace card. If the fault persists, suspect:

1. other tone and digit switch
2. Peripheral Signaling (PS)

TDS0016 TDS is already enabled.

TDS0017 No TDS available for Digitone receiver testing.

TDS0018 XX YY Bad timing on Fast TDS.

TDS0019 Outpulsing not completed on FAST TDS.

TDS0020 Digits sent do not match digits received or the number of digits entered for TABL is incorrect.

TDS0021 Invalid unit used with DTR, ENLR or DISR command.

Action: Use even number unit only. Each Digitone Receiver uses TN pair.

TDS0032 loop	Card not responding.
TDS0100 l s c	The specified Digitone receiver has been disabled due to lack of response or faulty operation. **Action:** Replace indicated card. Suspect faulty TDS if fault persists or if more than one Digitone receiver is shown faulty. Minor alarm lamp lit on attendant console.Card is disabled only if 50 percent of system Digitone Receivers (DTRs) have not already been disabled. This failure rate will always leave 50 percent of Digitone Receivers enabled, regardless of performance.
TDS0101 l s c	Specified Digitone receiver has been disabled due to loss of speech transmission capability. As for TDS100.
TDS0102	Digitone receiver requested is busy. **Action:** Try again later.
TDS0103	TN specified is not equipped to be a Digitone receiver. **Action:** Check data.
TDS0104	No Digitone Receiver found.
TDS0105 l s c	The specified Digitone Receiver has been disabled due to a failure to detect A, B, C, D digits. Card is disabled only if 50 percent of system Digitone Receivers have not already been disabled. This failure rate always leaves 50 percent of Digitone Receivers enabled. **Action:** Suspect faulty TDS if fault persists, or if more than one DTR is faulty. Minor alarm lit on attendant console.
TDS0120	The ANN command cannot be used.
TDS0121	The source number is out-of-range (1-8).
TDS0201	The last request is not finished executing. Only END is allowed. The END will terminate the execution. **Action:** Wait until test execution has finished.
TDS0202	Invalid parameter. Wrong number of parameters for this command.
TDS0203	Invalid command.
TDS0204	Loop is out-of-range. Loops 0 to 159 only are allowed.
TDS0205	Shelf is out-of-range.

TDS0206 Card is out-of-range.

TDS0207 Unit is out-of-range (0 to 1).

TDS0208 Command requested is allowed only from an SL-1 telephone. Tones or outpulsing cannot interact with a TTY.

Action: Use SL-1 maintenance set telephone to enter command.

TDS0209 Customer does not exist.

TDS0210 Card does not exist in data base.

TDS0212 Requested trunk type that uses the desired outpulser is not available.

Action: Be sure the system contains the desired trunks. If they exist, all trunks in that category may be busy or unequipped.

TDS0301 l s c (u) x The specified tone detector has been disabled due to faulty operation or lack of response, where x and y indicate the mode and test it has failed. The rest of the testing is aborted.

X Y Mode 0004, 0001, Mode I Precise Tone

0004, 0003, Mode I Tone Duration is greater than 50 ms

0004, 0005, Mode I Tone Duration is greater than 300 ms

0004, 0005, Mode I Tone Duration is greater than 300 ms, Tone is turned off at 256 ms

0005, 0001, Mode I Precise Busy Tone

0005, 0003, Mode I Non-Precise Busy Tone

0006, 0001, Mode I Precise Overflow Tone

0006, 0003, Mode I Non-Precise Overflow Tone

0006, 0005, Mode I Tone Duration is less than 300 ms

0007, 0001, Mode I Ringback Tone

0007, 0003, Mode I Any Tone

0008, 0001, Mode I Special Common Carrier Dial Tone

0009, 0001, Mode I Unidentified Tone

0009, 0003, Mode II Unidentified Tone

0009, 0005, Mode IV Test Tone

0009, 0007, Mode III Test Tone

0009, 0009, Mode III Test Tone (Tone is turned off at 5.5 s)

000A, 0001, Mode V Single Frequency Tone

000A, 0003, Mode V Dual Frequency Tone

TDS0302 l s c (u) The specified tone detector has been disabled; unable to perform self-test.

TDS0303 l s c (u) Terminal number specified is not designated as a tone detector.

TDS0304 No TDS is available for tone detector testing.

TDS0310 Tone detector (TDET) package is restricted.

TDS0311 l s c (u) Specified TN is not an MFR.

TDS0312 No MFR units are configured.

TDS0313 Some units of MFR card are busy, test not done.

TDS0314 No MFS available for MFR test.

TDS0315 l s c u MFR unit is busy. Test not performed.

TDS0316 MFR is disabled due to faulty operation.

TDS0317 Digitone Receiver's (NT8D16) Peripheral Controller (NT8D01) is disabled, nothing is performed.

Action: Use LD 32 to enable the card.

TDS0318 Superloop number must be a multiple of 4.

TDS0319 Digitone Receiver (NT8D16) failed self test.

Action: Replace the Digitone Receiver.

TDS0320 Digitone Receiver (NT8D16) does not respond.

Action: Check Digitone Receiver and the Network Card/Peripheral Controller (NT8D04/NT8D01) communication path to the card for a fault.

TDS0400 FTC Table 0 used for tone tests.

TDS0411 Dialtone Detector package is not equipped.

TDS0412 Dialtone Detector and Tone Detector packages are not equipped.

TDS0500 ANN command cannot be used because the Message Intercept (MINT) package 163 is not equipped.

TDS0501 Source number out-of-range. Only 8 external sources (1 to 8) can be defined for testing.

TDS0502 ENLX (Enable) or DISX (Disable) commands are only used on Conference/TDS/MFS cards.

TDS0503 The Conference/TDS/MFS card is already enabled/disabled.

TDS0504 Received an unexpected message from the Conference/TDS/MFS card.

Action: Use the DISX command to disable the card and retry the ENLX command to enable the card.

TDS0505 The Enable command (ENLX) did not receive the down-load complete message within 6 seconds.

TDS0506 Tone or cadence number is out-of-range.

TDS0507 The TLP Supplementary package is not equipped.

TDS0508 The SSD scanning message received no response from the DTR/XDTR.

Action: The faulty DTR is disabled.

TDS0511 l s c u x DTR/XDTR fails to respond to SSD scanning message for “x” times prior to the DTMF tone detection test.

TDS0512 l s c u x d DTR/XDTR fails to detect the “d” digit for “x” times prior to the DTMF tone detection test is testing.

TDS0513 l s c u x DTR/XDTR fails to detect all the digits for “x” times when the DTMF tone detection test with the fast TDS is testing.

TDS0514 l s c u x DTR/XDTR fails to pass the digit through for “x” times when continuity test is testing.

TDS0520 DTR and TDS commands are not supported for slot 0.

Action: To test these devices you can do a DISX 0 and then ENLX 0.

TDS0521 Equipment cannot be enabled due to disabled Tone and Digit Switch (TDS).

Action: Use OVL 34 to enable before proceeding.

TDS0522 New MFC/MFE/MFK5/MFK6 units on Card 0 can only be enabled by ENLX in LD 34.

Action: To enable these units, go into LD 34 and perform ENLX 0.

TDS0827	Multiple SSD messages of the same DTMF digit are received from the same NT8D16 Digitone Receiver during a DTR or TDS test in LD 34. **Action:** If this problem occurs every time, replace the card.
TDS0828 loop	Attempting to enable Conference/TDS card during midnight routines.
TDS0829	A command with the same functionality is supported in Overlay 32.

TEMU: Tape Emulation

TEMU messages

TEMU0001 Failure during initialization of tape emulation.

TEMU0002 x Failure giving command semaphore.

TEMU0003 x Invalid command sent to tape emulation.

TEMU0004 x Semaphore creation failed.

TEMU0005 x Tape task init failed.

TEMU0006 x Tape task activation failed.

TEMU0007 Failure creating tape emulation task.

TEMU0008 x Failure taking command semaphore.

TEMU0009 x Unknown command sent to tape task.

TEMU0010 Error occurred writing HI database.

TEMU0011 Error occurred backing up database.
Action: Be sure that the Floppy Diskette is properly inserted.

TEMU0012 Error occurred restoring database.
Action: Check that Floppy Diskette is properly inserted.

TEMU0013 Error occurred swapping primary/secondary databases.

TEMU0014 TEMU task timeout.
Where:
cmd= x
data= y
stat= z.

TEMU0020	x Failure opening file y.
TEMU0021	x Failure obtaining size of file y.
TEMU0022	x Failure renaming file y to z.
TEMU0023	x WARNING - failure opening file y.
TEMU0028	Failure opening database files for reading.
TEMU0029	Failure closing database files after reading.
TEMU0030	x Failure opening file y for writing.
TEMU0032	Failure opening database files for writing.
TEMU0037	Failure closing database files after writing.
TEMU0038 x y	Error skipping x records.
TEMU0040	Invalid read in write sequence.
TEMU0041	Failure reading record from x file.
TEMU0042	x Failure reading from y file during Query.
TEMU0043	x Failure reading from fd y.
TEMU0044	x Failure writing to fd y.
TEMU0045	x Failure seeking to y for z in file.
TEMU0046 x y	x Failure at y in file.
TEMU0047	Attempt to write x record.
TEMU0048	Database disk volume is full.
TEMU0049	WARNING: record no mismatch, curr=x, rec=y.
TEMU0050	Begin write not at 1st data rec, curr=x, rec=y.
TEMU0051	Failure writing record to x file.
TEMU0053	Attempt to write unknown record type x.
TEMU0056	DB x request illegal during write sequence.

TEMU0059	x WARNING - failure closing y file.
TEMU0061	Failure copying dir x contents to y.
TEMU0062	Database x removable media failed.
TEMU0071	Failure during database query.
TEMU0072	x Failure moving dir y contents to z.
TEMU0073	Failure swapping primary database with secondary.
TEMU0074	x Failure copying y file to z file.
TEMU0075	x Failure y dir z for copy.
TEMU0076	Copy source dir x is empty.
TEMU0077	Failure copying dir file x to y.
TEMU0079	x Failure to y diskette vol during formatting.
TEMU0080	x No diskette in active CMDU drive y.
TEMU0081	x Failure formatting diskette in active CMDU drive y.
TEMU0082	x Open failure for hi dir y on active CMDU diskette.
TEMU0083	Diskette on active CMDU drive x is write protected.
TEMU0085	x Failure y dir z for rename.
TEMU0086	Rename source dir x is empty.
TEMU0087	x Failure renaming dir file y to z.
TEMU0088	WARNING: x file was not preallocated on disk.
TEMU0100	Failure obtaining file/dir name “x” from DLO.
TEMU0101	The version of the language database is higher than the S/W current issue. The configuration is defaulted to none. **Action:** Reconfigure the data and do a data dump.
TEMU0102	The language database’s issue number could not be retrieved. The configuration is defaulted to none.

Action: Reconfigure the data and do a data dump.

TEMU0103 The complete filename is too long.

TEMU0104 The language data could not be written to the disk. Refer to previous messages to determine what caused the situation.

Action: Restart the data dump after clearing the originating problems.

TEMU0105 Failure to open/create dir on PCM-CIA

Action: Check whether the PCMCIA card is inserted. Contact your technical support group.

TEMU0106 Unable to get PSDL files from the system.

Action: Depends on the feature set. Some systems do not require the presence of the PSDL file.

TEMU0107 PSDL file cannot be opened or does not exist in the system.

Action: Depends on the feature set. Some systems do not require the presence of the PSDL file.

TEMU0108 Config/Database file cannot be found in the system.

Action: Contact your technical support group.

TEMU0109 Unable to get config/database file path.

Action: Contact your technical support group and check for the existence of the disk.sys file in the system.

TEMU0110 Error occurred while restoring internal database.

Action: Some files may be not restored or re-named properly. Contact your technical support group.

TEMU0111 Error occurred while backing up internal database.

Action: Might lose the internal backup capacity. Contact your technical support group.

TEMU0112 Error occurred while backing up external database.

Action: Check that PCMCIA data drive is properly inserted. Some files might not be backed up. Contact your technical support group.

TEMU0113 Error occurred restoring external database.

Action: Check that PCMCIA data drive is properly inserted. Contact your technical support group.

TEMU0114 Restore from internal backup drive failed.

Action: Try again. If the problem persists contact NT support.

TEMU0115 zdrv: Drive full, file%s not backed up, where s is the file name.

Action: Contact your technical support group.

TEMU0116 zdr: Error back up file%s, where s is the file name.

Action: Contact your technical support group.

TEMU0117 zdrv: Error creating internal backups, retrying. Some files might not be backed up.

Action: Contact your technical support group.

TEMU0118 zdr: Unable to create internal backups.

Action: Contact your technical support group.

TEMU0119 Could not get patch retention information; no patches will be backed up.

Action: Verify the existence of the reten file and contact your technical support group.

TEMU0120 zdr: Failed to install zdrv driver.

Action: Contact your technical support group.

TEMU0121 zdr: Drive ID%X%X differs from system ID

Action: Contact your technical support group.

TEMU0122 zdrv:%s and%s have differing time stamps, where s = file name.

TEMU0123 zdrv: Restoring s, where s is the file name.

TEMU0124 zdrv: Failed to restore s, where s is the file name.

Action: Contact your technical support group.

TEMU0171 xx Failure giving command semaphore on Expansion Cabinet xx.

TEMU0172 xx Failure getting command from main cabinet on expansion cabinet xx.

TEMU0173 xx Failure receiving a message from tape task on expansion cabinet xx.

TEMU0174 Message queue creation failed.

TEMU0175 xx Failure obtaining file/dir name xx from DLO.

TEMU0176 xx yy Failure transferring the file xx to expansion cabinet yy.

TEMU0177 xx Failure sending command on expansion cabinet xx.

TEMU0178 xx Failure connecting to expansion cabinet xx.

TEMU0179 xx Failure getting reply from expansion cabinet xx.

TEMU0180 xx Timeout waiting reply from expansion cabinet xx.

TEMU0181 xx Cannot determine address of expansion cabinet xx.

TEMU0182 Software Release not compatible on expansion cabinet xx.

TEMU0183 Expansion cabinet %d is non survivable

TEMU0184 Database synchronization failed on cabinet xx. Tape Task status is xx.

TEMU0185 failure obtaining file/dir name form DLO on cabin xx.

TEMU0186 Failure renaming file on cabinet xx.

TEMU0187 Unsupported command on cabinet xx.

TFC: Traffic Control (LD 2)

TFC messages

TFC0000	Program identifier.
TFC0200	Syntax error. Illegal character has been input.
TFC0201	The parameter specified is out-of-range.
TFC0202	The loop specified is not equipped.
TFC0203	The card specified is not equipped.
TFC0204	The unit specified is not equipped.
TFC0205	Program bug — should never happen.
TFC0206	Customer specified is not equipped.
TFC0207	Traffic Print program is busy with scheduled output.
TFC0208	Traffic Control program cannot be invoked from a maintenance set.
TFC0209	The Network Traffic (NTRF) feature is not equipped.
TFC0210	There is no ESN customer data block.
TFC0211	There is no ESN Data for the requested item.
TFC0212	The NCOS data block does not exist in the system.
TFC0213	IMS or Command and Status Link (CSL) package not equipped.
TFC0214	Channel specified is not equipped.X08: Password does not have access to system commands.

TFC0215 Invalid input for Digital Trunk Interface (DTI) loop.

TFC0216 Command and Status Link (CSL) package not equipped.

TFC0220 System cannot allocate space for Line Load Control (LLC) data block.

TFC0221 Invalid command: Line Load Control (LLC) is not enabled.

TFC0223 The ISA package is not equipped.

TFC0400 The user does not have access to system commands.

TFC0401 The user does not have access to this customer.

TFC0402 The user does not have access to Line Load Control commands.

TFC0403 NAS package is not equipped.

TFC0404 ISDN INTL SUP package (30B+D) is not equipped.

TFC0405 Invalid DN entered.

TFC0406 The time synchronization DN has to be set for the new customer.

TFC0407 RPA package is not equipped.

TFC0408 No BRI package equipped.

TFC0409 Failed to request information from the MISP.

TFC0410 Calculation for the next Daylight Savings Time and Standard Time change cannot be done, because the system clock is not set.

Action: Set the system clock in LD 2.

TFC0411 FWTM AT {time} {date} The system clock has been changed forward one hour for Daylight Savings Time change. No action is necessary.

TFC0412 BWTM AT {time} {date} The system clock has been changed backward one hour for Standard Time change. No action is necessary.

TFC0413 FWTM and BWTM setting cannot be identical.

TFC0414 The Meridian 1 Packet Handler package is not configured. You cannot schedule TFS015 if this package is not equipped.

TFC0415 Failed to request BRSC traffic information from MISP. MISP loop number and BRSC TN are printed.

Action: Check MISP and BRSC states.

TFC0416 Use TCFT/SCFT commands (OV 2) to find out/change for which customer you are collecting features.Currently, it is not the same customer you have just entered in the INVC command. If no previous SCFT, default is customer 0.

TFC0419 A conference loop was overflowing. There may not be enough available slots on the loop.

TFC0420 ISDN Semi Permanent Connection (ISPC) package is not equipped. In Overlay 2, a request to set/clear Customer Traffic Report for ISPC links establishment (type=10) has been done using SOPC or COPC command but the ISPC package is not enabled.

Action: Select a different report type or Unrestrict the ISPC package and reload PBX if necessary.

TFC0421 ISDN Semi Permanent package is not equipped. In Overlay 2, a request to set/clear the Customer Traffic Report for ISPC links established (type=10) was attempted using the SOPC or COPC command.

Action: Select a different report type, or Unrestrict the ISPC package and reload the PBX if necessary.

TFN: Customer Network Traffic

TFN messages

TFN0401 Routing control has been invoked from an attendant console; the time (hhþmmþss) and termination number (TN) of the console are included in the message.

TFN0402 Routing control has been deactivated from an attendant console; the time and TN of the console are included in the message.

TFS: Traffic Measurement

TFS messages

TFS0000 Indicates the commencement of a traffic study printout.

TFS0001 A broadcast call between junctors was blocked.

Action: Spread the broadcast routes across the groups. If the problem still persists, contact your technical support group.

TFS0002 No free port was found at the required moment to play an agent's greeting.

Action: If this TFS message is generated regularly it is recommended that you increase FXS port capacity.

TFS0003 Lack of conference resources on the system for current call so that agents greeting cannot be played.

TFS0301 First since initialization.

TFS0302 Traffic schedule for system or customer has been changed.

TFS0303 There has been more than one hour since the last traffic output.

TFS0401 A connection was held for greater than or equal to 36 ccs, but less than 50 ccs. Usage and peg count are still accumulated.

TFS0402 A connection was held for greater than 50 ccs. Usage and peg count are not accumulated. However, if either TFCE options are enabled, usage and peg count are accumulated if TFS403 messages do not appear.

TFS0403 A trunk was held for greater than or equal to 50 ccs without having its traffic accumulated while one or both of the Trunk Traffic Reporting Enhancements options are enabled.

Note that if the TFS403 message appears at the end of a traffic period and the “traffic period option” is enabled, then only the usage is not accumulated. If the TFS403 message appears at disconnect time, then both usage and peg count are not accumulated.

TFS0411 Large ccs if TFS401/402 cannot be printed immediately.

TFS0412 calls ccs Traffic totals: number of calls and total ccs.

TFS0500 tn 1 to 2 A unit tn2 could not enter conference tn1; no slots available.

TFS0501 loop Audit (LD 44) found time slot x on a loop incorrectly identified as busy. The time slots have been idled. Since these time slots were not used by the system, they represented higher blocking probability. This will affect traffic analysis.

TFS0502 j x Audit (LD 44) found time slot x on junctor j incorrectly identified as busy. The time slots have been idled. Since these time slots were not used by the system, they represented higher blocking probability. This will affect traffic analysis.

TFS0503 {TN} Music could not be connected since the ISM limit has been reached.

Action: If the condition persists then increase the ISM limit for Music Broadcast.

TFS0999 Indicates the completion of a traffic study printout.

TMDI

The TMDI messages report problems with the TMDI card and its applications. TMDI commands are provided in LD 60, and LD 96.

TMDI messages

TMDI0100 x
The CSTAT and CSUBSTAT fields on TMDI x indicate the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Self- tests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card.

TMDI0101 x
The CSTAT field on TMDI x indicates the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as TMDI302.

TMDI0102 x
No response was received from TMDI x to a background polling message sent periodically to each TMDI card. The purpose of this message is to ensure that the card is capable of receiving and sending messages.

TMDI0103 x
An Overlay was waiting for a message from TMDI x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received.

TMDI0104 x
The TMDI background audit sent a message to TMDI x, and did not receive a response.

TMDI0106 x appl
The TMDI audit detected that there was no response to a maintenance message originated by an application (appl) on TMDI x.

TMDI0107 x appl y
The Meridian 1 was unable to determine if downloading was necessary. An SDL error message should accompany this message and describe the reason for the failure. Three fields accompany this message: x = device number (LD 17 DNUM), appl = the application name, and y is for design use only.

TMDI0108 x appl An application on TMDI x needs to be downloaded to the card. Downloading begins as soon as there is no Overlay loaded. Where: x = device number (LD 17 DNUM) and appl = the application name.

TMDI0112 x TMDI x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian 1 will attempt to enable the card. Where: x = device number (LD 17 DNUM).

TMDI0201 x appl TMDI x sent a message to the Meridian 1 indicating an application data space has been corrupted. Where: x = device number (LD 17 DNUM) and appl = the application name.

TMDI0202 x appl TMDI x sent a message to the Meridian 1 indicating that an application on the card unexpectedly disabled itself (performed a “close”). Where: x = device number (LD 17 DNUM) and appl = the application name.

TMDI0204 x appl The Meridian 1 searched the system disk to find a version of an application for TMDI x and found none.

Where: x = device number (LD 17 DNUM)

appl = the application name.

TMDI0205 x appl y z An error was encountered when searching the system disk to find a version of an application for TMDI x. Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

TMDI0206 x appl y z An error was encountered when comparing a version of an application on the system disk with the version on TMDI x.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application if a version exists on the card.

TMDI0207 x appl y z An error was encountered when downloading an application to TMDI x. Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

TMDI0208 x When preparing to download the base software to TMDI x, the card indicated that some kind of fatal error was encountered. Where: x = device number (LD 17 DNUM).

Action: Execute self-tests before attempting any other action regarding this card.

TMDI0209 x y z Some memory was reclaimed within the MSDL for future use. An application on MSDL x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer. The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode.

Where: x = device number (LD 17 DNUM)

(y and z are for design use only).

TMDI0300 data The TMDI background audit has changed the card state. In the cases where the card was previously enabled and now is no longer enabled, another TMDI message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: TMDI300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = TMDI card number (in decimal)

aaaa = the status of the TMDI prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when “TO: SYS DSBL - FATAL ERROR”)

TMDI0301 x y z An expedited data unit was received. The Meridian 1 is not expecting TMDI x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed. This informational message indicates that the incoming message from the card was not processed due to the state change. No action is required.

Where: x = device number (LD 17 DNUM)

appl = the application name

(y and z are for design use only)

TMDI0302 x y Access to the memory space shared by the Meridian 1 and the TMDI (Shared RAM) has been momentarily suspended by TMDI x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = the reason for the suspension. Currently the only reason supported is the value “1,” which indicates that some kind of buffer corruption was detected.

TMDI0303 x y The Meridian 1 detected corruption in either the receive ring or the transmit ring or both, causing access to the memory space shared by the Meridian 1 CPU and TMDI x (Shared RAM) to be momentarily suspended.

Take no action because of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.

Where: x = device number (LD 17 DNUM) and y = a decimal number indicating where the corruption was detected. 1 means receive ring, 2 means transmit ring, and 3 means both receive and transmit rings.

TMDI0305 x y The Meridian 1 received 200 or more messages from TMDI x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

TMDI0306 x y The Meridian 1 has received 300 or more messages from TMDI x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.

Where: x = device number (LD 17 DNUM)

y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)

TMDI0307 x data TMDI x encountered a fatal error. Where: x = device number (LD 17 DNUM). The data following x is information read from the card regarding the error and is intended for design use only.

TMDI0308 x y appl data TMDI x reported that it received a message with an invalid (bad) socket ID.

Where:

x = device number (LD 17 DNUM)

y = the socket ID appl = the application name

data = up to eight words of hex data representing the message sent

TMDI0451 <cardAddress> <(cardIndex)> <invalidCardstate> An invalid card state change request from the SL1 task has been detected by the MMIH driver.

Action: If the problem does not clear automatically, disable and then enable the card.

TMDI0452 <cardAddress> <cardIndex> The MMIH driver failed to send an SSD message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

TMDI0453 <cardAddress> <cardIndex> The MMIH driver failed to send an RFC message to the SL1 task.

Action: Check the traffic reports for excessive traffic on the core CPU or check for a system problem. If the condition persists contact your technical support group.

TMDI0454 <cardAddress> <cardIndex> The MMIH driver failed to place a transmit expedited message in the expedited interface.

Action: Disable and then enable the MSDL/MISP/TMDI card. If the problem persists contact your technical support group.

TMDI0455 <cardAddress> <cardIndex> The MMIH driver failed to send the Start UIPE Call Rebuild message through RFC to the SL1 task.

Action: The call rebuild operation for that MSDL will fail. If necessary, disable and then enable the MSDL/MISP/TMDI card. If the problem persists contact your technical support group.

TMDI0456 <blockSize> The MMIH driver failed when it allocated memory of the size blockSize for the buffer pool. The system is probably out of memory and cannot communicate with the MSDL/MISP/TMDI cards.

Action: Contact your technical support group.

TMDI0457 <first 16 words of msg> The MMIH has found a buffer in the Rx Ring message queue with an expired timestamp. The SL1 application has not processed the buffer's content promptly or the SSD message to the SL1 task was lost. The buffer's timestamp is reset and the buffer is returned as a free buffer. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Check the traffic reports. Excessive traffic can cause a delay in the core CPU.

TMDI0458 <first 16 words of msg> The MMIH has found a buffer in the Tx Exp message queue with an expired timestamp. The message timed out while being sent to the card. The buffer is overwritten with the new message data. The first 16 words (32 bytes) of the discarded message are printed, 8 words to a line.

Action: Disable and then enable the card. If the problem persists replace the card.

TMDI0459 The MMIH has found a null physical I/O block pointer. The I/O pointer is corrupted and will prevent the system from communicating with the MSDL/MISP/TMDI cards.

Action: Contact your technical support group.

TMDI0460 <cardIndex> The MMIH driver has found that the card index is out of range. The card index is corrupted and will prevent the system from communicating with the MSDL/MISP/TMDI cards.

Action: Contact your technical support group.

TMDI0461<cardAddress rtclock maintenancePegs> A query base code message was sent by the MMIH after finding the SRAM suspended. maintenancePegs is a list of peg counts kept by the card's maintenance task.

TMDI0462 <cardAddress rtclock Msl1Pegs> This message is printed in series with TMDI0461. msl1Pegs is a list of peg counts kept by the card's SL1 messaging interface task.

Action: Information only. If the problem persists disable and then enable the card.

TMDI0463 <cardAddress rtclock debugPegs> This message is printed in series with TMDI0462. debugPegs is a list of peg counts kept by the card's debug task.

Action: Information only. If the problem persists disable and then enable the card.

TMDI0464 <cardAddress rtclock utilityPegs> This message is printed in series with TMDI0463. utilityPegs is a list of pegs kept by the card's utility task

Action: Information only. If the problem persists disable and then enable the card.

TMDI0465 <cardAddress rtclock layer1Pegs> This message is printed in series with TMDI0464. layer1Pegs is a list of pegs kept by the card's Layer 1 task.

Action: Information only. If the problem persists disable and then enable the card.

TMDI0466 <cardAddress rtclock returnCode> The Interface Audit's polling message cannot be sent to the card's ring interface. The returnCode is the reason why the message has not been sent. The following returnCode values can appear:

0-request failed (null message pointer, empty data socket)

1-request succeeded

2-no operation (invalid card state)

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists, disable and then enable the card.

TMDI0467 <cardAddress> <cardIndex> <rtclock> The SRAM Suspend message cannot be sent to the card through the expedited interface in response to two or more no buffer conditions being detected in a timespan greater than 100 msec.

Action: Information only. If the problem persists disable and then enable the card, or replace the card.

TMDI0468 <cardAddress> <cardIndex> <rtclock> <returnCode> <socketId application> <'First 8 words of the msg'> The application's message cannot be sent to the ring and the reason code is other than no buffer.

socketID is the socket for the message to be sent

applicationID identifies the transmitting application

The first 8 words of the message are displayed in hex

returncode contains the actual value returned by the procedure and contains one of the following values:

0-request failed (null message pointer, empty data socket)

1-request succeeded

4-flow control

5-no buffer

6-socket ID is suspended

7-ring is not operational

8-invalid socket ID

Action: Information only. If the problem persists disable and then enable the card.

TMDI0469 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the transmitting ring is in the interface full state.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

TMDI0470 <cardAddress> <cardIndex> <rtclock> A no buffer condition occurred because the card has not yet sent an initialization acknowledgement response.

Action: Check whether the traffic flow is excessive. If the problem persists, disable and then enable the card.

TMDI0471 <cardAddress> <cardIndex> <rtclock messageSize> A no buffer condition occurred because a single buffer message is larger than the size of a single buffer.

Action: Contact your technical support group. The buffer's data could be corrupted.

TMDI0472 <cardAddress> <cardIndex> <rtclock messageSize> Insufficient buffers available in the transmit ring for the message.

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

TMDI0474 <cardAddress> <cardIndex> <rtclock> <socketId application> <'First 8 words of the msg'> A no buffer condition has been encountered while attempting to send a message to the transmit ring. The first 8 words of the message are displayed in hex.

The socketID is the socket for the message to be transmitted

The applicationID is the application ID of the application sending the message

Action: Check whether the traffic flow is excessive. If the problem persists disable and then enable the card.

TMDI0475 <cardAddress><cardIndex><rtclock> <tempNoBufferCount> <rtclockOfFirstNoBuffer> This message is printed when the first line of corrective action (suspending the transmit ring) is taken. It displays the contents of the error detection variables and the descriptor words of all buffers in the transmit ring. It is printed in series with TMDI0476 and TMDI0477. The variables are:

tempNoBufferCount - number of consecutive no buffer occurrences since the last successful write to the transmit ring.

totalNoBufferCount - total number of no buffer occurrences for the card.

rtclockOfFirstNoBuffer - rtclock value at the time of the first no buffer occurrence following the last successful write to the transmit ring.

descriptor words - all 60 descriptor words are printed (in hex), six to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

TMDI0476 <cardAddress> <cardIndex>< rtcloc>k currentIndex> <descriptorBLockAddress> <bufferSize> <numberOfBuffers> <transmitRing Address> <transmitRingState> This message displays pertinent variables kept by the MMIH driver for the transmit ring. It is printed in series with TMDI0475 and TMDI0477. The variables printed are:

currentIndex - the MMIH's current index into the transmit ring's buffers (head pointer)

descriptorBlock Address - offset of the descriptor block in the SRAM

bufferSize - size of the buffers in the transmit ring

numberOfBuffers - number of buffers in the transmit ring

transmitRingAddress - address of the transmit ring in the card's SRAM

transmitRingState - current state of the transmit ring

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

TMDI0477 <cardAddress> <cardIndex> rtclock '44SRAM configuration Block words' This message displays the contents of the SRAM configuration block. It is printed in series with TMDI0475 and TMDI0476.

- configuration words - all 44 descriptor words are printed (in hex), four to a line.

Action: Information for debugging only. If the problem does not clear automatically, disable and then enable the card.

TMF: Test Multifrequencies

TMF messages

TMF0000	Program identifier.
TMF0001	Invalid input, number of chars in one field are greater than 4.
TMF0002	Invalid input, garbage datatype.
TMF0003	Invalid input, command field unknown.
TMF0004	Invalid input, too many parameters.
TMF0005	Last command is still in progress.
TMF0006	Invalid TN.
TMF0007	Invalid DOD trunk.
TMF0008	Trunk is busy or disabled.
TMF0009	Invalid TN. SHLF out-of-range (0 to 3).
TMF0010	Invalid TN. Card out-of-range (1 to 10).
TMF0011	Invalid set TN.
TMF0012	Defined set is busy or disabled.
TMF0013	Package restricted, Overlay not allowed to load.
TMF0014	Signaling type not defined.
TMF0015	Signaling type already defined.
TMF0016	Command not valid for MFE signaling.

TMF0017	Trunk Busy - DSI Timing.
TMF0018	Use loop and channel for digital loop TN.
TMF0019	Invalid Digital Loop TN.

TRA: Call Trace (LD 80)

The Call Trace program (LD 80) provides a means of tracing a call by looking at a snap shot of the transient data (such as Call Register contents) associated with the call.

The program has three basic commands:

- TRAT for tracing attendant consoles
- TRAC for tracing sets and trunks
- TRAD for tracing calls through Computer PBX Interface (CPI), Digital Trunk Interface (DTI), Primary Rate Interface, or Digital Link Interface (DLI) loops.

The TRAC command can be used to print the tone detector TN if a tone detector is used at the time of the call trace.

Additional information on the NARS/BARS/CDP and Ring Again (RGA) features can be retrieved by adding DEV to any of the TRAC commands. Example: TRAC L S C U DEV

Note: BRI DNs can be traced with the TRAC C DN command. For TRAC L S C U, enter U = DSL0 to DSL7 for Digital Subscriber Loops.

The command results are reported in TRA messages.

TRA messages

TRA0000	Program identifier.
TRA0100	Illegal command.
TRA0101	Illegal input parameters.
TRA0105	Input DN is special prefix.
TRA0106	Illegal input parameters.
TRA0108	Illegal digits stored in Call Register.
TRA0110	Fails TNTRANS (or loop disabled).
TRA0111	Fails TNTRANS.
TRA0112	Fails TNTRANS.
TRA0113	Fails TNTRANS.
TRA0120	Fails DNTRANS.
TRA0121	Call trace fails.
TRA0122	Call trace fails.
TRA0130	Call trace fails.
TRA0142	Attendant number exceeds the maximum number defined.
TRA0150	Digitone Receiver (TTR/DTR) cannot be traced. **Action:** Input * and carriage return to stop printout.
TRA0160	Specified key does not exist.
TRA0180	Loop is not a Digital Trunk loop.
TRA0181	Channel to TN conversion failed.
TRA0182	Loop is a DTI loop, use TRAD.
TRA0190	TN cannot be traced.
TRA0191	DN cannot be traced.

TRA0201	Route member out-of-range.
TRA0202	Route member does not exist.
TRA0253	MFR cannot be traced.
TRA0300	A Local Steering Code (LSC) without an associated DN cannot be traced.
TRA0301	Your TNTRANS:TDET_TN has failed. Your PRINT_TDET may be corrupted by the procedure RGAT_INSERT_TIME.
TRA0304	Invalid digit stored in BRI message Call Register.
TRA0305	The Multi-User Login feature is not active. **Action:** Be sure the package is enabled, and MULTI_USER = YES in LD 17.
TRA0306	The time duration is out-of-range. **Action:** The correct time format is: hh = 00-23, mm = 00-59.
TRA0307	Illegal digit(s) in stored M911 auxiliary Call Register.
TRA0308	Illegal digit(s) stored in DN field.
TRA0309	More than three ENTC/ENTD commands have been entered. You cannot enter the commands again.
TRA0310	The Trace has been stopped because the traced TN or Digital trunk has been relocated or removed.
TRA0311	More than one GOTR has been entered. You cannot enter the command again.
TRA0312	The same TN or Digital trunk has been entered more than once. The same TN or Digital trunk cannot be traced simultaneously by the enhanced trace commands.
TRA0313	You must enter ENTC/ENTD before entering GOTR.
TRA0314	You must enter the STPT command before entering DALL ENTC or DALL ENTD.
TRA0317	Cannot use Enhanced trace on a phantom TN/DN. **Action:** Use the regular trace commands.
TRA0319	An illegal digit is stored in the TWR1 CLID field.

TRK: Trunk Diagnostic (LD 36, LD 41)

Insufficient space in the Overlay area requires the trunk diagnostic to be split into two programs. LD 41 is an extension of LD 36.

The programs allow trunks to be tested from either the SL-1 site or a remote test center. Problems are reported in TRK messages.

LD 36 can perform tests on XDID, XCOT and XFEM cards also. These cards will be recognized in relevant commands.

Trunk Failures

The trunk failures are possible for many different trunk types.

SHORT HOLD (HOLD)—An unacceptably large percentage of calls on the trunk were held for a short period. Short hold measurement can be set from 0 to 128 s in increments of 2 s.

SEIZURE FAILURE (SEIZ)—More than a specified percentage of calls did not receive seizure supervision from the far-end. On each occurrence, the trunk was released and another trunk seized.

RINGING ON SEIZED TRUNK (ILLR)—Ringing was not removed when the trunk call was answered. Indicates a trunk circuit card fault (not to be confused with LD 41 identifier).

RING OR GROUND DETECTOR FAILURES (RGFL)—Ring or ground detector changes were not received from the trunk on a large percentage of calls. On those incoming calls which should have had both ringing and ground applied, one or the other was not detected.

SUPERVISION FAILURE (SUPV)—The trunk did not return answer supervision on a large percentage of calls.

REPETITIVE MESSAGES (REPT)—The trunk was sending incorrect data to the processor. If it is a CO trunk, confirm that the LOOP START and GROUND START switches on the trunk card are in the correct positions. This could indicate either a trunk card fault or a high volume of transitions on the trunk facility. Threshold is fixed by the system.

If a DTI is used and this condition follows a series of DTA207 messages, then a series of DTI channels are in lockout. Verify that the Digital Signaling Category table are compatible at both ends. See FEAT = ABCD in LD 73.

RELEASE FAILURE—No disconnect supervision was received from the trunk within 60 s of a local set going on-hook. This trunk will remain busy until disconnect supervision is received. Use LNDS command to determine whether trunk has remained in this state.

Dictation trunk In situations where the external dictation equipment busies out the trunk at the end of each call, TRK186 messages do not indicate a fault.

TRK messages

TRK0000 LD 36 Program identifier.

TRK0001 Invalid command.

Action: Check command format and begin again.

TRK0002 Invalid argument(s).

Action: Check command format and begin again.

TRK0003 Invalid or out-of-range TN.

TRK0004 Too many digits in the DN.

TRK0005 Unit requested is not a trunk.

TRK0006 Unit requested or all trunks busy.

Action: Wait until idle.

TRK0007 Command not valid unless a monitor link exists, i.e., a trunk link between the SL-1 system and the test center.

Action: Use CALL command if at test center or abort and reload from SL-1 location.

TRK0008 No CO trunk defined in the system. Cannot use command.

Action: Change to SL-1 telephone.

TRK0009 No maintenance SL-1 telephone available for the call. SL-1 telephone may be busy.

Action: Wait until idle.

TRK0010 Trunk must be a CO trunk.

Action: Check terminal numbers and begin again.

TRK0011 Call command not allowed from a SL-1 telephone.

Action: Use trunk command directly.

TRK0012 Customer or route does not exist or is out-of-range.

The Format is: customer (range 0-99), route; (range 0-127).

TRK0013 The unit requested is not an incoming trunk.

Action: Check data. Command is allowed only for incoming trunks.

TRK0014 Unexpected call status change, e.g., disconnect from far-end.

Action: Input request again. If still same, try another test number.

TRK0015 Another party attempted to use system SL-1 maintenance set.

Action: Reissue command CALL or TRK.

TRK0016 Trunk command not valid for AIOD and RLT-main trunks.

TRK0017 Seize failure or failure to acknowledge seizing. Also occurs when LD 36 is used with a remote maintenance phone to dial an ISL TIE line. BUG3068 occurs at the far-end.

TRK0018 STAT, DISC and ENLC commands can only be used with trunk cards.

TRK0019 Response to AIOD command. The card requested is busy or the system has AIOD traffic queued for the AIOD facility. This condition has not changed over the last 15 s.

Action: If it is required to force the test to continue, disable the card using the DISC command and re-enter the AIOD command.

TRK0020 The card requested is not an AIOD card.

Action: Verify that data is correct by using the STAT command. Reenter command.

TRK0021 The AIOD card is not responding to signaling messages sent from the processor.

Action: Ensure that the card is in place. If the card is in place, and replacing the card has no effect, refer to Fault-clearing Procedures.

TRK0022 The AIOD card cannot be readied for use. Before using the AIOD trunk facility, the system sends a reset signal to the AIOD card to ready it for data transmission. Failure to acknowledge the reset signal within 1 s is considered a failure. Card fault.

TRK0023 Error detection circuits on the AIOD facility are not functioning properly. These circuits are essential to signal the processor when incorrect data is being transmitted. Card fault.

TRK0024 Cannot transmit data because no supervision from the CO has been detected. Before actual transmission of data can occur, a bid or request to begin transmission is sent to the CO. Failure to acknowledge such a request within 4 s is considered a failure. Card fault or CO link not responding.

TRK0025 The signaling path has been interrupted during the transmission of AIOD data to the CO. CO card or modem fault.

TRK0026 Cannot release CO link. When the AIOD card has completed transmission of data, the CO signals a disconnect. If this signal is not received by the system within 1 s after the end of transmission then the sequence is considered to have failed. Card or CO fault.

TRK0027 The AIOD card is not completing its cycle. The AIOD card is expected to provide a signal that it has completed transmitting all data.Failure to provide this signal within 2 s after the start of data transmission is considered a failure. Card fault.

TRK0028 In order to test the AIOD card, there must be one or more CO trunks in the system designated to use the AIOD facility. If such trunks are busy or cannot be found for the AIOD card being tested, error code TRK028 will be output. Probable cause is faulty or missing customer data.

Action: Ensure that appropriate CO trunks in the system have been designated to use the AIOD facility.

TRK0029 The error detection circuit on the AIOD card is detecting transmission errors. This indicates that faulty data is being presented to the CO or a fault exists in the error detection circuit.

Action: Replace card.

TRK0030 ANI trunks seizure failure, or wink start signal (REQ-N1) not received or not properly received from far-end. Also wrong number of digits dialed or ANI access code (0/1) is missing.

TRK0031 ANI trunks calling number identification request (REQ-N2) not received or not properly received from far-end.

TRK0032 LD 36 - Invalid command for modem-type trunks. Add-on Module (ADM) or Modem trunks cannot be tested by this program. Use LD 32.LD 41 - PPM buffer test failed.

Action: Replace the card.

TRK0033 TN is not a PPM trunk.

TRK0034 Pulses on E&M trunk are either bad or not received.

TRK0035 Route has no member.

TRK0036 PPM read request is pending on this card.

TRK0040 c r No recorded announcement (RAN), music (MUS) or Automatic Wake Up (AWK) device exists for the customer and route specified.

TRK0041 c r The RAN, MUS or AWK device specified for customer c and route r is not operable.

TRK0042 c r The RAN, MUS or AWR device specified for customer c and route r is operating abnormally, i.e., not according to manufacturer's specifications.

TRK0043 c r tn1 tn2 The RAN, MUS or AWR device specified has RAN trunks associated with it that are not in the trunk list specified for that route. TNs specified are connected physically to a RAN, MUS or AWR device but trunk data does not reflect this.

Action: Change customer data or wiring.

TRK0044 c r tn1 tn 2 The RAN, MUS or AWR device specified has RAN trunks listed in its trunk list but the TNs are not physically connected to RAN, MUS or AWR device. (This is the inverse of TRK043).

Action: Change trunk data or wiring.

TRK0045 c r Too many trunks connected to RAN, MUS or AWR device for this customer and route. Limit is 100 trunks.

TRK0100 tn WATS trunk— Short Hold. Refer to "Trunk Failures" section.

TRK0101 tn	WATS — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0102 tn	WATS — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0103 tn	WATS — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0104 tn	WATS — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0105 tn	WATS — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0106 tn	WATS — Release failure. Refer to “Trunk Failures” section.
TRK0110 tn	FEX trunk, TWR1 trunk - short hold.
TRK0111 tn	FEX — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0112 tn	FEX — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0113 tn	FEX — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0114 tn	FEX — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0115 tn	FEX — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0116 tn	FEX — Release failure. Refer to “Trunk Failures” section.
TRK0120 tn	CCSA trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0121 tn	CCSA — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0122 tn	CCSA — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0123 tn	CCSA — Ring or Ground Detection failure (RGFL).Refer to “Trunk Failures” section.
TRK0124 tn	CCSA — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0125 tn	CCSA — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0126 tn	CCSA — Release failure. Refer to “Trunk Failures” section.
TRK0130 tn	DID trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0131 tn	DID — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0132 tn	DID — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0133 tn	DID — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0134 tn	DID — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0135 tn	DID — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0136 tn	Release failure on incoming DID trunk. Disconnect supervision timer (DSI) was exceeded. Refer to “Trunk Failures” section. **Action:** Trunk state is changed to lockout.
TRK0137 tn	Partial dial timeout on DID trunk.
TRK0139 tn	No response from Universal Trunk or E&M/Dictation Trunk. **Action:** Try the command again. If the problem persists, check the Network Card or Controller (NT8D04/NT8D01) and cable path to the Universal Trunk or E&M/ Dictation Trunk card.
TRK0150 tn	PTRS/CO trunk — Short Hold. Refer to “Trunk Failures” section.
TRK0151 tn	PTRS/CO — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0152 tn	PTRS/CO — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0153 tn	PTRS/CO — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0154	Tip and ring reversal, or other trunk wiring problem threshold (LD 16 RSVD) has been reached. **Action:** Check the trunk wiring.
TRK0155 tn	PTRS/CO — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0156 tn	Release failure on outgoing CO trunk. Disconnect supervision timer (DSI) was exceeded. Refer to “Trunk Failures” section.
TRK0157 tn	PPM read failure. An attempt to read the contents of the trunk register failed.
TRK0160 tn	TIE trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0161 tn	TIE — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0162 tn	TIE — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0163 tn	TIE — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0164 tn	TIE — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0165 tn	TIE — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0166 tn	TIE — Release failure. Refer to “Trunk Failures” section.
TRK0170 tn	Paging trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0171 tn	Paging — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0172 tn	Paging — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0173 tn	Paging — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0174 tn	Paging — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0175 tn	Paging — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0176 tn	Paging — Release failure. Refer to “Trunk Failures” section.
TRK0177	MFR holding time has timed out on incoming TWR1 call.
TRK0180 tn	Dictation trunk— Short Hold. Refer to “Trunk Failures” section.
TRK0181 tn	Dictation — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0182 tn	Dictation — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0183 tn	Dictation — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0184 tn	Dictation — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0185 tn	Dictation — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0186 tn	Dictation — Release failure. Refer to “Trunk Failures” section.
TRK0191 tn	No control signal (CNTL) returned. A control signal indicating the status of Code-a-Phone or Audichron has not been received by the processor in the last 5 minutes for Code-a-Phone or 32 seconds for Audichron.
TRK0192 tn	Start failure (STRT). To start Code-a-Phone machine, a start pulse is sent from any one of the trunks connected to the machine.

TRK0193 tn Illegal messages from trunk (ILLM). Any messages received from RAN trunk are considered illegal if they are out of sequence of duration or control signal that remains open is less than 2 s.

TRK0200 tn Reset acknowledge not received. Before using the AIOD trunk facility, the system sends a reset signal to the AIOD card to ready it for data transmission. If the card fails to acknowledge this command, the card is faulty.

TRK0201 tn Transmission failure (TRFL). Error detection circuits on the AIOD card signaled either incorrect data being transmitted to the CO or that the established path between the CO and SL-1 installation has been interrupted.

TRK0202 tn Failure to acknowledge transmit bit (TRAC). Before actual transmission of data can occur, a bid or request to begin transmission is sent to the CO. Failure to acknowledge such a request within 4 s is considered a failure.

TRK0203 tn End of transmission or disconnect not acknowledged (ETAC). The AIOD card signals the system that it has completed transmission of data. Soon afterwards, the received by the system, the AIOD sequence is considered to have failed.

TRK0204 tn Illegal messages from trunk (ILM). Any messages to the processor from the AIOD card are considered illegal if they are:

1. undecodable (i.e., random data)
2. out of sequence

TRK0210 tn CCSA-ANI trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0211 tn CCSA-ANI — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0212 tn CCSA-ANI — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0213 tn CCSA-ANI — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.

TRK0214 tn CCSA-ANI — Supervision failure (SUPV). Refer to “Trunk Failures” section.

TRK0215 tn CCSA-ANI — Repetitive messages (REPT). Refer to “Trunk Failures” section.

TRK0216 tn CCSA-ANI — Release failure. Refer to “Trunk Failures” section.

TRK0220 tn CAMA trunk— Short Hold. Refer to “Trunk Failures” section.

TRK0221 tn CAMA — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0222 tn CAMA — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.

TRK0223 tn	CAMA — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0224 tn	CAMA — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0225 tn	CAMA — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0226 tn	CAMA — Release failure. Refer to “Trunk Failures” section.
TRK0230 tn	RLT-main, CAS system — Short Hold. Refer to “Trunk Failures” section.
TRK0231 tn	RLT-main, CAS systems — Seizure failure (SEIZ). See Note 1.
TRK0232 tn	RLT-main, CAS systems — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0233 tn	RLT-main, CAS systems — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0234 tn	RLT-main, CAS systems — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0235 tn	RLT-main, CAS systems — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0236 tn	RLT-main, CAS systems — Release failure. Refer to “Trunk Failures” section.
TRK0237 tn	Failure of far-end response to near end seizure. The near-end did not recognize the wink signal from the far end because: 1. the wink signal was not received within 5 seconds because of transmission delays or hardware failure, or 2. the wink signal was not within specification.
TRK0238 tn	Far-end dialing failure. The near-end did not receive sufficient digits to be able to complete the call. This is because: 1. the far-end remained off-hook without sending any digits (faulty hardware caused a false seizure), or 2. a sender was stuck, causing the inter-digital interval to exceed a threshold.
TRK0240 tn	RLT-remote — Short Hold. Refer to “Trunk Failures” section.
TRK0241 tn	RLT-remote — Seizure failure (SEIZ). Refer to “Trunk Failures” section.

TRK0242 tn	RLT-remote — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0243 tn	RLT-remote — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0244 tn	RLT-remote — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0245 tn	RLT-remote — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0246 tn	RLT-remote — Release failure. Refer to “Trunk Failures” section.
TRK0250 tn	Modem — Short Hold. Refer to “Trunk Failures” section.
TRK0251 tn	Modem — Seizure failure (SEIZ). Refer to “Trunk Failures” section.
TRK0252 tn	Modem — Ringing on Seized Trunk (ILLR). Refer to “Trunk Failures” section.
TRK0253 tn	Modem — Ring or Ground Detection failure (RGFL). Refer to “Trunk Failures” section.
TRK0254 tn	Modem — Supervision failure (SUPV). Refer to “Trunk Failures” section.
TRK0255 tn	Modem — Repetitive messages (REPT). Refer to “Trunk Failures” section.
TRK0256 tn	Modem — Release failure. Refer to “Trunk Failures” section.
TRK0300 tn	Link/DCHI state is not yet defined.
TRK0301 loop	The loop requested is the Digital Trunk Interface (DTI) or Primary Rate Interface (PRI); use the DTI Diagnostic instead (LD 60).
TRK0302	Trunk card failed selftest.
TRK0303	Superloop number must be a multiple of 4.
TRK0304	Shelf number is undefined.
TRK0305	Card number is undefined.
TRK0306	Unit number is out-of-range.
TRK0431 tn	Seizure acknowledgment expected on DID-DOD or NWK trunk but not received.
TRK0432 tn	Seizure acknowledgment not expected on DID-DOD or NWK trunk but received.
TRK0433 tn	Timeout when waiting for ready to outpulse.

TRK0434 tn	Timeout when waiting for stop to outpulse.
TRK0481 tn	A seizure acknowledgment was expected on dictation trunk but was not received.
TRK0482 tn	A seizure acknowledgment was not expected on dictation trunk but was received.
TRK0483 tn	An Off-Hook from a TIE trunk was received instead of a Number_Received signal.
TRK0501 tn	If the trunk is IPE, then Barring is applied to trunk {tn}; otherwise, the trunk has been made busy due to Line Break Alarm Signal. Feature is XDID Barring or DID Trunk Failure Monitor.
TRK0502 tn	DID trunk has been idled after a Line Break Alarm Signal correction
TRK0503 tn	TIE trunk has been made busy by a Line Break Alarm Signal.
TRK0504 tn	Tie trunk has been idled after a Line Break Alarm Signal correction.
TRK0505 tn	If the trunk is IPE, then Barring is no longer applied to trunk {tn}; otherwise, the trunk has been idled after Line Break Alarm Signal problem correction. Feature is XDID Barring or DID Trunk Failure Monitor.
TRK0506	Expected signal not received from Radio Paging equipment. Call abandoned.
TRK0509	Answer expected from XCOT trunk but not received.
TRK0510	DN + Local Exchange Code together comprise more than 7 digits when trying to transmit ANI information on an X3W trunk. **Action:** Check LEC prompt in LD 16.
TRK0511	An invalid trunk signal was received on an X3W trunk. The signal was ignored.
TRK0512	Shelf number out-of-range.
TRK0513	Card number out-of-range.
TRK0514 tn	XFCOT Barring is applied to the trunk {unit}. (Barring is applied to the trunk unit identified by tn.)
TRK0515 tn	XFCOT Barring is no longer applied to the trunk {unit}. (Barring is no longer applied to trunk unit identified by tn.)

TRK0516 l s c tn Partial failure of metering on card {lsc}. This is a hardware failure that may have affected metering activities on one or more calls on the card.If PPM is configured, then PPM has been affected, with the result that the CDR records for calls in progress may be incorrect. If Busy Tone Supervision is configured, then busy tone may not have been detected on calls in progress.

TRK0517 l s c Fatal failure of metering on card {lsc}. This is a hardware failure that affects metering activities on the card. If PPM is configured, then PPM has been affected, with the result that further PPM reporting is disabled until either the pack is disabled and re-enabled or pulled out and reinserted. The CDR records for calls in progress are incorrect. If Busy Tone Supervision is configured, then tone supervision can no longer be performed.

Action: Try disabling and re-enabling the card. If the message appears again, it is probably a hardware fault. Replace the card.

TRK0518 tn The enable command attempted on a XDID/EAM OR XDID/CIS OR XFCOT unit is cancelled because the unit is in barred state.

Action: Disable and then enable the unit.

TRK0519 tn Warning: the XDID/EAM or XDID/CIS or XFCOT unit in barred state is changed to the disable state after a disable command.

TRK0520 tn No far-end release message is received from the XDID/EAM unit after a call blocking sequence. The disable command on this unit is stopped. The unit is in lockout state.

TRK0521 tn The disable command has been aborted while waiting for a far-end release message on a XDID/EAM unit. As soon as the far-end release message is received, the XDID/EAM unit will still be disabled.

TRK0522 A barring message is received in an invalid state from a XDID/XFCOT unit.

TRK0524 ISA service route is not allowed for the command.

TRK0526 DP digit collection problem was revealed and reported by CDTI2/ CSDTI2 FW (incoming trunk).

Action: Trunk is locked out.

TRK0527 Outgoing CIS E3W pack requested CIS ANI download by means of TDS or XCT service loop, but TERNTN fails TNTRANS or FTDS package not equipped.

Action: Outgoing CIS E3W call will be released; trunk will be idled. Check FTDS package installed.

TRK0528 Outgoing CIS E3W pack requested CIS ANI download by means of TDS or XCT service loop, but TDS/XCT path request failed.

Action: Outgoing CIS E3W call will be released; trunk will be idled. Check TDS/XCT and traffic of these service loops.

TRK0529 Outgoing CIS E3W pack fails to request CIS ANI download.

Action: Outgoing CIS E3W call will be released; trunk will be idled

TRK0530 Outgoing CIS E3W pack fails to acknowledge CIS ANI already downloaded by means of TDS or XCT

Action: Outgoing CIS E3W call will be released; trunk will be idled

TRK0531 tn An error has been detected on ISL E&M Tie, Unit will be put to MBSY.

TRK0532 tn Error condition on ISL E&M Tie removed, Unit in IDLE state.

TRK0533 tn The enable command is cancelled on this unit because an error exists on the ISL E&M TIE trunk.

TRK0843 tn Off hook from TIE trunk instead of number received signal.

TRK3031 Trunk member in a route's trunk list does not exist.

TRK3108 A trunk does not have wink start arrangement.

TRK3115 Trunk does not have answer supervision.

TRK3116 Command with the same functionality is supported in Overlay 32.

TRK3117 MF input timeout on incoming TWR1 call. Output data: trktn mfrtn tw_inc_pm clid/address information.

TRK3118 Invalid input received on incoming TWR1 call. Output data: trktn MFR tn tw_inc_pm clid/address information.

TRK3119 <mm/dd/yyy hh:mm:ss> MNDN <aaaa> TN <TN> SPC call disconnected.

Action: If the condition persists check the semi-permanent connection.

TRK3120 <mm/dd/yyy hh:mm:ss> MNDN <aaaa> TN <TN> The SPC call is connected.

TSM: Time Slot Monitor

TSM messages

TSM0000	Program has been loaded.
TSM0002	Invalid command.
TSM0003	Invalid parameter.
TSM0004 x ts ig	Fail on Cont Test: Link, Timeslot, IG.
TSM0005	Test aborted -- too many errors.
TSM0006	Test init failed clearing CM on ENW card.
TSM0007 LK	CMD running. **Action:** Type ’END’ to abort.

TTY: Teletype Error Reports

TTY messages

TTY0000	Failure installing the SDI TTY driver.
TTY0001 x y	Cannot create SDI TTY device number x, group y because the TTY driver has not been installed.
TTY0002 x y	Cannot create TTY device number x, group y because there is not enough memory. **Action:** Manually INIT, then use LD 17 to delete and recreate this TTY.
TTY0003 x y	Data corruption on TTY device number x. **Action:** Manually INIT.
TTY0004 x y z	Invalid FDx with SDI device number y, group z.
TTY0005	Cannot create pseudo TTY FD table because there is not enough memory.
TTY0006 x y	Cannot create CPSI TTY device number x, group y because there is not enough memory. **Action:** Manually INIT, then use LD 17 to delete and recreate this TTY.
TTY0007 x y	MSDL TTY device number x, group y cannot be created because there is no memory for the device descriptor.
TTY0008 x y	MSDL TTY device number x, group y cannot be created because there is no memory for the TTY buffers.
TTY0009 x y z	Invalid FDx with MSDL device number y, group z.
TTY0010	Cannot create Pseudo TTY (PTY) FD table because there is not enough memory.

TTY0011 ch subfunc data Problem sending remote TTY message to pipe: ch = remote TTY channel # subfunc = function sent to remote TTY data = extra data.

VAS: Value Added Server

Value Added Servers (VAS), such at the Meridian Mail MP are connected to the SL-1 through a Command and Status (CSL) Link. Problems and status of these links are reported in VAS messages.

VAS messages

VAS0001 vasid cust A CSL DATA data service access TN message has been sent to the Server, and a timer has been set up for the response.

VAS0002 vasid cust A CSL DATA VMS access TN message has been sent to the Server, and a timer has been set up for the response.

VAS0004 vasid cust A CSL DATA primary data service access code message has been sent to the Server, and a timer has been set up for the response.

VAS0005 vasid cust A CSL DATA VMS access code message has been sent to the Server, and a timer has been set up for the response.

VAS0006 vasid cust t A CSL DATA add data service DN message has been received from VAS Server. Data service DN has been added to the DN tree.

VAS0007 vasid cust t A CSL DATA delete data service DN message has been received from VAS Server. Data service DN has been removed from the DN tree.

VAS0008 vasid The CO Admin audit of VAS-ID Server has begun.

VAS0010 This message indicates that the application was successfully enabled on an AML link. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS010 mm/dd/yy hr:min:sec 00000 MSG APPLICATION ENABLED OPRDAT: VSID xx APPL yyyy

The reduced format shown below appears when package 243 is not enabled.

VAS010 VSID xx APPL yyyy

Where: xx = VAS ID and yyyy = application name

VAS0011 This message indicates that the application previously established on an AML link was disabled. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS011 mm/dd/yy hr:min:sec 00000 MSG APPLICATION DISABLED?

OPRDAT: VSID xx APPL yyyy REASON zzz

Where:

1. xx = VAS ID

2. yyyy = application name

3. zzz = the reason the application failed

4. LINK OUT OF SERVICE = The application was disabled because the link was removed from service. Restore the link before enabling the application. The link must be restored before the application can be re-enabled.

5. MANUALLY DISABLED = The application was disabled in LD 48.

Action: Re-enable the application.

6. UNKNOWN = The reason the application failed is unknown.

Action: Contact your technical support group.

VAS0012 This message indicates that the application could not be enabled. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS012 mm/dd/yy hr:min:sec 00000 MSG FAILED TO ENABLE APPLICATION
OPRDAT: VSID xx APPL yyyy REASON zzz

The reduced format shown below appears when package 243 is not enabled.

VAS012 VSID xx APPL yyyy REASON zzz

Where:

xx = VAS ID

yyyy = application name

zzz = the reason the application failed

1. LINK OUT OF SERVICE = The application could not be enabled because the link to the application processor is out of service. The link must be enabled before the application.

Action: Restore the link before enabling the application.

2. REQUEST REJECTED = The application is not ready or is unequipped on the application processor. Be sure all the required packages are equipped and ready.

3. INVALID STATE = The association with the application processor is in an invalid state.

Action: Disable and re-enable the link before enabling the application.

4. ASSOC. EXISTS = A link error exists.

Action: Disable and re-enable the link prior to enabling the application.

5. MSG NOT SENT = The message to enable the application could not be sent to the application processor.

Action: Disable and re-enable the link prior to enabling the application.

6. UNKNOWN = Unknown cause for failure.

Action: Contact your technical support group.

VAS0013

This message indicates that the application processor received a badly structured message from the Meridian 1. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS013 mm/dd/yy hr:min:sec 00000 MSG APPLICATION PROTOCOL ERROR OPRDAT: VSID xx APPL yyyy DATA zzz

The reduced format shown below appears when package 243 is not enabled.
VAS013 VSID xx APPL yyyy DATA zzz

Where:

xx = VAS ID

yyyy = application name

zzz = is intended for technical support personnel only

Action: Repeat the task performed when this message was received. Contact your technical support group if this message is repeated.

VAS0020

This message indicates that the Voice Mailbox (VMB) database audit has been invoked either manually in LD 48, or by the periodic 5 day audit. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS020 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT INITIATED

VAS0021

This message indicates that the Voice Mailbox (VMB) database audit has been completed. If DATA_CORRECT = ON in LD 17. No action is necessary. If DATA_CORRECT = OFF, any reported mismatches must be corrected manually. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS021 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT COMPLETED

OPRDAT: x AUDITED y MISMATCHES FOUND z ERRORS

VAS021 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT COMPLETED?

OPRDAT: x AUDITED y MISMATCHES CORRECTED z ERRORS

The reduced format shown below appears when package 243 is not enabled.VAS021 x AUDITED y MISMATCHES FOUND z ERRORS

VAS021 x AUDITED y MISMATCHES CORRECTED z ERRORS

Where:

x = the number of VMBs audited

y = the number of mismatches found or corrected

z = the number of transaction errors

VAS0022

This message indicates that the Voice Mailbox (VMB) database audit that was running has been aborted. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS022 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT ABORTED

OPRDAT: x AUDITED y MISMATCHES FOUND z ERRORS

VAS022 mm/dd/yy hr:min:sec 00000 MSG VMB AUDIT ABORTED

OPRDAT: x AUDITED y MISMATCHES CORRECTED z ERRORS

The reduced format shown below appears when package 243 is not enabled.

VAS022 x AUDITED y MISMATCHES FOUND z ERRORS

VAS022 x AUDITED y MISMATCHES CORRECTED z ERRORS

Where:

x = the number of VMBs audited

y = the number of mismatches found or corrected

z = the number of transaction errors with Meridian Mail

VAS0023 This message indicates that a mismatch was found by the VMB database audit. This message appears when DATA_CORRECT = OFF in LD 17. The Voice Mailbox data must be compared between the Meridian 1 and Meridian Mail. The data can be corrected on either the Meridian 1 or Meridian Mail. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS023 mm/dd/yy hr:min:sec 00000 MSG VMB MISMATCH FOUND OPRDAT: CUST x DN yyyy

The reduced format shown below appears when package 243 is not enabled.

VAS023 CUST x DN yyyy

Where:

x = the customer number

yyyy = the Directory Number with mismatched Voice Mailbox data

VAS0024 This message indicates that a mismatch was found by the VMB database audit, and corrected. This message appears when DATA_CORRECT = ON in LD 17. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS024 mm/dd/yy hr:min:sec 00000 MSG VMB MISMATCH FOUNDOPRDAT: CUST x DN yyyy

The reduced format shown below appears when package 243 is not enabled.VAS024 CUST x DN yyyy

Where:

x = the customer number

yyyy = the Directory Number

VAS0025 This message indicates that the VMB database upload was invoked from LD 48. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS025 mm/dd/yy hr:min:sec 00000 MSG VMB UPLOAD INITIATED

VAS0026 This message indicates that the VMB upload completed. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS026 mm/dd/yy hr:min:sec 00000 MSG VMB UPLOAD COMPLETEDOPRDAT: x UPLOADED y DELETED z ERRORS

The reduced format shown below appears when package 243 is not enabled.

VAS026 x UPLOADED y DELETED z ERRORS

Where:

x = the number of VMBs uploaded

y = the numbers of VMBs deleted on the Meridian 1 (note that Meridian 1 Voice Mailboxes are deleted if a mailbox is not configured on Meridian Mail)

z = the number of transaction errors with Meridian Mail

VAS0027 This message indicates that a VMB upload that was running was aborted. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS027 mm/dd/yy hr:min:sec 00000 MSG VMB UPLOAD ABORTED OPRDAT: x UPLOADED y DELETED z ERRORS

The reduced format shown below appears when package 243 is not enabled.

VAS027 x UPLOADED y DELETED z ERRORS

Where:

x = the number of VMBs uploaded

y = the numbers of VMBs deleted on the Meridian 1 (note that Meridian 1 Voice Mailboxes are deleted if a mailbox is not configured on Meridian Mail)

z = the number of transaction errors with Meridian Mail

VAS0028 The Voice Mailbox on the Meridian 1 has been deleted during an upload because a corresponding upload because the corresponding Voice Mailbox does not exist on Meridian Mail. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS028 mm/dd/yy hr:min:sec 00000 MSG VMB DELETED OPRDAT: CUST x DN yyyy

The reduced format shown below appears when package 243 is not enabled.

VAS028 CUST x DN yyyy

Where:

x = the customer number

yyyy = the Directory Number that had the voice mailbox deleted

VAS0030 A Voice Mailbox operation failed. The reasons and actions are listed below. The information is displayed in the following expanded format when alarm filtering is configured (package 243).

VAS030 mm/dd/yy hr:min:sec 00000 MSG VMB OPERATION FAILEDOPRDAT: CUST x DN yyyy OPR zzzz REASON aaaaa

The reduced format shown below appears when package 243 is not enabled.

VAS030 CUST x DN yyyy OPR zzzz REASON aaaaa

Where:

x = customer number

yyyy = Directory Number

zzzz = the operation that failed (ADD, CHG, DEL, AUDT, UPLD)

aaaaa = the failure reasons and actions are listed below

GENERAL ERROR = A non-specific error has occurred while processing the transaction.

Action: Take the appropriate action for the SEER report on Meridian Mail.

VMB NOT FOUND = A Voice Mailbox does not exist for the specified DN. If DATA_CORRECT = ON, the user will be automatically created. If it is off, you must create the VMB manually.

BAD DIGIT IN VMB DN = Meridian Mail received a VMB DN with a bad digit. **Action:** Re-enter the DN.

COS NOT DEFINED = The Class of Service specified is not configured for Meridian Mail.

Action: Either specify a different Class of Service, or configure the desired Class of Service.

BAD CHAR IN FNAME = Meridian Mail received a bad character in the First Name IE.

Action: Modify the name on the Meridian 1 so that it uses only characters supported by Meridian Mail.

BAD CHAR IN LNAME = Meridian Mail received a bad character in the Last Name IE.

Action: Modify the name on the Meridian 1 so that it uses only characters supported by Meridian Mail.

BAD DIGIT IN 2ND DN = Meridian Mail received a bad digit in the Second DN IE. Re-enter the Dn to be sure the problem is not due to a transmission error on the AML link.

Action: If this appears again, contact you technical support group.

BAD DIGIT IN 3RD DN = Meridian Mail received a bad digit in the Second DN IE. Reenter the Dn to be sure the problem is not due to a transmission error on the AML link.

Action: If this appears again, contact you technical support group.

ENTRY CORRUPT = More than one user was found with the same mailbox number. This may indicate a database corruption error.

DATA LOCKED = The Meridian 1 requested an operation that is currently in use by Meridian Mail maintenance or administration.

Action: If it is necessary to perform the task immediately, remove the Meridian Mail user and resend the request.

INVALID VMB DN = A mailbox cannot be configured for that DN because it has special significance for Meridian mail. Use another DN.

INVALID 2ND DN = A mailbox cannot be configured for that DN because it has special significance for Meridian mail. Use another DN.

INVALID 3RD DN = A mailbox cannot be configured for that DN because it has special significance for Meridian mail. Use another DN.

MSG TIMEOUT = Meridian Mail did not respond to the request within the timeout period, possibly due to heavy traffic on the link. Resend the request.

NO COS FROM MMAIL = Meridian Mail did not provide a Class of Service in the upload response message.

Action: Resend the upload request.

VMB UPLOAD FAILED = A Voice Mailbox could not be built on the core, possibly due to low memory on the Meridian 1.

Action: Resend the upload request.

NAME UPLOAD FAILED = A name could not be built on the core, possibly due to low memory on the Meridian 1.

Action: Resend the upload request.

SEND REQUEST FAILED = The request could not be sent to Meridian Mail for an unspecified reason.

Action: Resend the upload request.

UNKNOWN = Unknown cause for failure.

Action: Contact your technical support group.

VTN: Voice Port TN

VTN messages

VTN0001 The specified Voice port (Loop Shelf Card Unit) was acquired by an application on the Link#. The format of this message is: VTNxxxx Link# Loop# Shelf# Card# Unit# Hour Minute Second.

VTN0002 The specified Voice port (Loop Shelf Card Unit) was de-acquired by an application on the Link#.

XCT: Conference, Tone and Digit Switch, and Multifrequency Sender Cards

The XCT card provides conference, Tone and Digit Switch (TDS) and Multifrequency Sender (MFS) circuits. XCT messages indicate hardware status and problems.

XCT messages

XCT0001 loop x The Conference/TDS/MFS Card failed the self test. Where: x = self test result message.

Action: If the test fails a second time, replace the card.

XCT0002 loop x The Conference/TDS/MFS Card failed the Input/Output test. Where: x = I/O result message.

Action: If the test fails a second time, replace the card.

XCT0003 loop Failed download process to the Conference/TDS/MFS Card. This may indicate communication trouble or checksum problems or the card is busy.

Action: Try the command again.

XCT0004 loop x y The CPU received a message invalid to the current state of the Conference/ TDS/MFS Card.

Where:

x = message type received

y = the state of the card.

XCT0005 loop x The CPU received an unrecognized message from the Conference/ TDS/MFS Card. Where: x = message received.

XCT0006 loop x The Conference/TDS/MFS Card received an illegal message from the CPU. Where: x = message received.

XCT0007 loop x Time-out waiting for response from the Conference/TDS/MFS Card. Where:þxþ=þ the state of the XCT.

XCT0008 loop n Failed download process to the Conference/TDS/MFS Card because the CPU could not write to the card. This may indicate a removed card or hardware fault.

Where: n = the FCAD table entry number which failed to download. If n = 0, the failure occurred downloading system parameters.

XCT0009 loop tn The Conference/TDS/MFS Card sent a message to the CPU with an invalid Terminal Number.

XCT0010 g The CPU was unable to obtain a Call Register to perform a timing task. Where:þgþ=þGroup loop number.

XCT0011 loop r The Conference/TDS/MFS Card has been reset. Where: r = hardware reset message.

XCT0100 loop x The Conference/TDS/MFS Card failed to respond to a read or write. Where:þxþ=þoutgoing message.

XCT0101 loop x The Conference/TDS/MFS Card is disabled and needs download. This occurs when the two loops on the card are enabled separately.

Action: Enable the card using the ENLX command in LD 34, LD 38 or LD 46. Where: x = “XCT DNLD NEEDED USED ENLX CMD”

XCT0102 loop x The conference loop on Conference/TDS/MFS Card is in use. The Time Slot Memory (TSM) was not tested. Where: x = “XCT IN USE NO TSM TEST”

Action: Wait until the loop is idle.

XCT0103 Downloading of DTR or XTD parameters to slot 0 failed. In LD 34 disabled and reenable the slot using commands DISX 0 and ENLX 0.

Action: If the problem persists, contact your technical support group, and report the message.

XCT0104 Downloading of the tone parameters for the TDS on slot 0 has failed. In LD 34 disable and reenable the slot using commands DISX 0 and ENLX 0.

Action: If the problem persists, contact your technical support group and report the message.

XMI: Network to Controller Message Interface

The XMI messages indicate problems with the communication between the NT8D04 Network Card and the NT8D01 Controller card.

XMI messages

XMI0000 aaaa

Message “aaaa” received from a Network Card (NT8D04). The possible messages are:

1. PLL UNLOCK EVENT. The Network card lost synch with the system clock.

2. MSG FROM SHELF x: XPEC ERROR 0001. This error is usually self correcting. If may indicate a double timeslot problem or invalid call teardown.

3. TN READ UNBLOCKED: CNT=x. A number of SSD messages were sent to the PS card but not acknowledged. In order to prevent the locking of the message path, the Network card assumed the message was received.

4. Any of the following three messages:

XNET POLLING FAILURE ON PORT x

RSIG LINK LOST ON PORT #x - REINITIALIZED

R71 DISASTER; CANNOT ALIGN TRANSCEIVERS.

These messages indicate that the Controller is not responding to the Network card polling messages.

1. a. Ignore if message occur when clocks are switched.

b. If it occurs periodically, switch the clocks.

c. If it occurs often, replace Network card or clocks

Random XMI000 messages may be generated if excessive Electrostatic Discharges (ESD) are allowed to enter the system. These messages may be

safely ignored. Refer to General Maintenance Information (553-3001-500) for ESD avoidance practices.

2. a If message occurs rarely, ignore it.

b. If it occurs often, replace the Controller.

3. a. If message occurs rarely, ignore it.

b. If it occurs often, replace the PS or Network card.

4. a. Check cabling between Controller and Network.

b. Replace the Controller.

c. Replace the Network.

In X11 Release 15 and 16, “FRw APx SQy TPz” is output before the text, where “w” is the loop number. This data is not output in X11 Release 17 and later. Messages without text indicate that the Network or Controller card have requested software download.

XMI0001 l s c Card polling failure. The specified card did not respond to the polling message.

XMI0001 s Card s in the expansion cabinet has lost connection to the main cabinet.

XMI0002 l s c Card polling re-established.

XMI0002 XFIL 1 Main fiber interface (MFI) local is operational.

XMI0002 XFIR 2 Expansion fiber interface (EFI) remote is operational in first expansion cabinet.

XMI0002 XFIR 3 Expansion fiber interface (EFI) remote is operational in second expansion cabinet.

XMI0003 l s ts Continuity failed on timeslot ts.

XMI0004 loop Loop generated too many XMI messages.Output of XMI000 has been stopped.

XMI0005 L A S T t No message registers available in the idle queue. The printing this message is disabled for one hour. Where:

L = Loop or superloop number

A = Application number for this message

S = Sequence field for this message

T = Type of message

t = time of this message: hh:mm:ss dd/mm/yy format

XMI0006 loop	Five or more write attempts to Network Card L failed. **Action:** Check the Network Card status.
XMI0007	Card type does not match the data base.
XMI0008	Card is not defined in the data base.
XMI0100	The loop specified in the query request is invalid; that is, it is not a superloop, nor is it XI_LOOP_NONE.
XMI0101	Trying to read/write to a disabled XNET/non-XNET loop.
XMI0102 card	Card slot printed is not allowed for the type of pack inserted. This is mainly for the Option 11 DTI/PRI card which can only be used in slots 1 to 9 in the basic cabinet.
XMI0103	The number of TNs created has exceeded the number of TNs allowed.
XMI0104	Card is equipped in an expansion slot but there is no expansion cartridge on the CPU.
XMI0110	In LD 11 for the prompt CTYP (DLC Card Type) the configured value is XDLC but the card plugged in is a EDLC card.
XMI0111	In LD 11 for the prompt CTRP (DLC Card Type) the configured value is EDLC but the card plugged in is an EDLC card.

Meridian 1

Software Input/Output Guide

X11 System Messages

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