

297-8001-100

DMS-100 Family

North American DMS-100 OAM&P Change Document

Reference Manual

LEC0015 Preliminary 10.02 January 2001

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Reference Manual

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About this document

ATTENTION

This document contains the features for the OAM&P Change Document Reference Manual. Since this document is preliminary, additional features are expected to be added, modified, or deleted. Also, additional features are expected to be added to the next software load.

When to use this document

This document provides preliminary operations, administration, maintenance, and provisioning (OAM&P) information for the Product Computing-Module Load (PCL) software release. This document contains changes in the feature functionality from the last release to this release. Information in this document is believed accurate at the time of publication, but is subject to change.

Use of this document must be restricted to resource planning and estimating for this software load. Do not use this document to make changes to any existing software.

How this document is organized

Each chapter in this document describes OAM&P additions, changes, and deletions associated with PCL acceptance activities according to the following design release units (DRU):

- BAS16 - Base
- CCM15 - DMS-100 Common
- CNA15 - DMS-100 North America
- SHR15 - Shared
- TL15 - Telecom
- XPM15 - Extended Peripheral Module

Tables that contain all the deleted data schema (DS) tables, office parameters (OP), operational measurements (OM) groups, command interfaces (CI),

alarms (AL), service order (SO) commands, SO options, logs (LG), software optionality controls (SOC), and automatic messaging accounting (AMA) records are at the end of the appropriate chapters.

Note: For detailed AMA information, refer to the following: *Automatic Message Accounting Reference Manual, 297-8001-830*; *Automatic Message Accounting Bulletin, 297-8001-830B*.

The chapter “Summary of changes” provides a table of features that lists OAM&P content for this release. The chapter “Feature descriptions” gives a short synopsis of all new or changed features for this release. The chapter “Cross-references” provides a table that lists each feature functional group and ordering code.

How this document is organized

The version and issue of the document are indicated by numbers, for example, 01.01.

The first two digits indicate the version. The version number increases each time the document is updated to support a new software release. For example, the first release of the document is 01.01. In the next software release cycle, the first release of the same document is 02.01.

The second two digits indicate the issue. The issue number increases each time the document is revised but re-released in the same software release cycle. For example, the second release of the document in the same software release cycle is 01.02.

This document is written for all DMS-100 Family offices. More than one version of this document can exist. To determine whether you have the latest version of this document and how documentation for your product is organized, check the release information in *Product Documentation Directory, 297-8991-001*.

References in this document

The following documents are referred to in this document:

- *North American DMS-100 Automatic Message Accounting Reference Manual, 297-8001-830*
- *Product Documentation Directory, 297-8991-001*

1 Summary of changes

The following table summarizes all features with operation, administration, maintenance, and provisioning (OAM&P) content changed from the last release to this release. Use the following guidelines to interpret data in the table.

- Feature information is PRELIMINARY and is subject to change as design efforts continue.
- Features are listed alphanumerically.
- (See <ACTID>) included in the “Feature number” column indicates that the actual design information for that feature is contained in another feature document with a different feature number.

Example

A59006629 (see A59006440)

This example indicates that the design document for A59006629 is empty and that the actual design information is contained in the design document for A59006440.

- The term, command interface (CI), replaces the following terms: user interface (UI), man-machine interface (MMI), and human-machine interface (HMI).
- A “Y” in a column indicates that changes were made to that feature section though there is not always information for a module.

Table 1-1 Summary of changes for NA015 (Sheet 1 of 4)

Feature number	DRU	DS	OP	OM	CI	AL	SO	LG	SOC	AMA	Feature name
A59017604	CCM	Y									DIGMAN Support for Random and Circular Hunting
A59021965	CNA				Y			Y		Y	ISUP Call Control Channels

1-2 Summary of changes

Table 1-1 Summary of changes for NA015 (Sheet 2 of 4)

Feature number	DRU	DS	OP	OM	CI	AL	SO	LG	SOC	AMA	Feature name
A59021972	CNA	Y	Y					Y	Y		GETS - HPC Call Queuing
A59021979	CNA				Y			Y			USNBD Agency Separator
A59021986	CNA	Y									E911:Wireless Phase II - Geodetic Location Parm
A59021993	CNA	Y			Y	Y		Y			Off-Board Selective Routing (OFBSR) Interface
A59022041	CCM	Y	Y		Y						DDN International Interworking
A59022058	CCM						Y				Dual Line Call Management (DLCM) Enhancement
A59022437	CNA	Y									E911 Tandem-Tandem Enhancements
A59022448	CCM	Y		Y							ICM Call Held Event Reporting
A59022453	CCM	Y						Y			ICM Logon Enhancement and Re-engineering
A59022498	CCM CNA								Y		Extended Ringing to External IP
A59022523	CNA				Y				Y		AIN:DP Converter For STR-IP and Collect Info
A59022533	CNA	Y			Y				Y		PFC Office Administration
A59022554	CNA	Y			Y						Enhancement to Trigger Line Attribute Response Processing (LARP)

Table 1-1 Summary of changes for NA015 (Sheet 3 of 4)

Feature number	DRU	DS	OP	OM	CI	AL	SO	LG	SOC	AMA	Feature name
A59022576	CCM	Y									ICM CDN Display and Threshold Route Enhancements
A59022651	CCM						Y				ServOrd-CDN Command Support for OPRT Intercept
A59022657	CCM		Y				Y				DTMF Default Capability
A59022713	SHR	Y									STS1 Provisioning - CM
A59022782	CNA	Y							Y		Sourcing of Patches LNP40 and NPA03 and Routing of LNP Calls to Datafilled Treatment on FOD
A59022792 (see A59022782)	CNA	Y							Y		LNP: Routing Calls to Datafilled Treatment
A59023032	CNA							Y			DFIL110 Log Enhancement
A59023407	CNA	Y									PRI Screening-PRI DN Screening LTID Enhancement
A59023416	CNA	Y									Network Side Support of PRI Trunks for the DMS 100 to the 4ESS, 5ESS and the AT&T System-85 PBX
A59023787	CCM	Y			Y						RLD Site Naming
A59024393	SHR	Y			Y			Y			Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

1-4 Summary of changes

Table 1-1 Summary of changes for NA015 (Sheet 4 of 4)

Feature number	DRU	DS	OP	OM	CI	AL	SO	LG	SOC	AMA	Feature name
A59024411	BAS		Y								Rated Power/Alarm Interface and Speedometer Algorithm Tuning
A59024653	CCM								Y		Wireless Centrex Directed Call Pickup and Call Park Retrieve
A59026377	CCM	Y									Universal Edge 9000 Media Gateway Metallic Test Access Line Test
A59026480	SHR	Y							Y		Uniform Outpulsing Enhancements
A59026486	CNA	Y		Y	Y			Y			Release Link Trunking for Equal Access End Office
A59027128	SHR	Y	Y		Y				Y		SPM DS-1 Assignment SOC Control
S10387512	CCM							Y			Generating log in CM for CRC Errors on D-Channel in XLIU

2 Feature descriptions

Introduction

The following provides a brief description of each feature in this software load that impacts data schema tables, office parameter groups, operational measurement, command interfaces, alarms, service order commands, service order options, log reports, software optionality controls, or automatic message accounting records.

Note: Additional features are provided in the software load. The following descriptions are only applicable to those features with visible user impact. For descriptions of any additional features, refer to the following: *Feature Description Manual, 297-8021-801*.

A59017604

DIGMAN Support for Random and Circular Hunting

This activity enhances feature AJ4929, Random and Circular Hunting, which allowed an even distribution of calls across a set of possible trunk groups.

Limitations and restrictions

In the North American market, if the Universal Routing tables (ACRTE, PXRTE, CTRTE, FARTE, OFCRTE, FTRTE, and NSCRTE) are datafilled using the SG (Supertrunk Group) selector, the manipulation of the called digits via the DMI (Digit Manipulation Index) option is NOT supported. There is no software restriction preventing the datafilling of the DMI against the SG selector in these tables, but the DMI index is not utilized to index into the DIGMAN table and modify the called digits. The called DN remains unchanged.

A59021965

ISUP Call Control Channels

This feature enhances the monitoring capabilities of USNBD by adding switched access to the agencies recording devices which is attached to a remote end office. The connection to a SWITCHED recording device is established only when the associated subject is identified as the originator or the destination of a call. When a subject is monitored resulting call content

delivery process depends on the access type of the recording device that is specified with the CCR ADD command.

Limitations and restrictions

- The feature imposes the connections to route out of the office on ISUP (T0, IT, T2) trunks using TR-317 ISUP signalling.
- Switched local links are not supported.
- For a given switch at a time only eight different agencies can have access to SWITCHED ISUP CCC.
- No validation is done for existence of DN while adding SWITCHED ISUP CCC which is present on remote EO.
- Recorder DNs should not be registered in more than one EO. Otherwise, there might be a risk that at one time USNBD tries to access the same recording device to monitor different subjects.
- Equal Access translations are not supported (the DNs associated with a recording device cannot contain a Carrier Access Code).
- This feature cannot guarantee that the recording is started before the monitored call is answered.
- NT AMA format is not supported.
- This feature does not introduce dedicated connections to remote recording devices.
- Switched links which fail because of a RESTART, a failure or a SWACT when recording can not be re-established even if the monitored call is not finished.
- All restrictions and limitations of USNBD shall apply to the SWITCHED ISUP CCCs feature.

A59021972

GETS - HPC Call Queuing

This feature introduces a new capability HPC Call Queuing (HPC CQ) which allows HPC calls to be queued on the same set of trunk group types as supported by HPC TQ, but provisioned on an office wide basis rather than a trunk group basis. This capability is in addition to the existing HPC TQ and HPC EQ functionality.

Limitations and restrictions

HPC Call Queuing is applicable to the following trunks - IT, TO, T2, ATC and CELL.

A59021979**USNBD Agency Separator**

This feature confines the user access of data to user-specific agency data only. By introduction of this feature the user can view/modify only the data belonging to user agency. The ADMIN has the privilege to view or modify data pertaining to any agency.

A59021986**E911:Wireless Phase II - Geodetic Location Parm**

This feature allows the geodetic location of a wireless E911 call over the SS7 Network to be received at the PSAP host DMS.

Limitations and restrictions

The longitude and latitude information is only be displayed in the E911212 log for E911 wireless calls through the SS7 Network.

A59021993**Off-Board Selective Routing (OFBSR) Interface**

This feature implements an interface from a DMS-100 serving as a E911 tandem to an external selective routing database server (OFBSR). This feature also supports the DUAL OFBSR interface, which allows one switch to interface to two external databases for selective routing.

A59022041**DDN International Interworking**

This feature removes the existing defect by defining a new Region name 'INTERNAT' similar to the Default region name. This activity also enhances REVXLER tool so as to allow DNs with more than 10 digits (up to 15 digits) for MMP market.

Limitations and restrictions

- The limitations and restrictions of this feature includes all that are listed for activity AG1515 - CLASS: Calling Number Delivery - Dialable Number.
- Operating company personnel must datafill table DNREVXLA such that the standard region name 'INTERNAT' is used for all results for

international calls. Similarly, table DNREGION must use 'INTERNAT' as the region name for all international calls.

- If a country needs more than one international access code to reach other countries, then this feature does not work.

A59022058

Dual Line Call Management (DLCM) Enhancement

Currently, DLCM is compatible only with RES lines. The purpose of this feature is to provide DLCM for IBN, V5.2 IBN lines, P-Phones and also for the international market.

Limitations and restrictions

- The two lines of a CMG group must be subtended from the same end-office and be part of the same customer group.
- A CMG group is restricted to a maximum of two lines.
- A DLCM member cannot be part of more than one CMG group.
- The two CMG members cannot be datafilled on the same KSET.

A59022437

E911 Tandem-Tandem Enhancements

This activity allows existing E911 functionality to be used in a unique network configuration consisting of "Dual Super E911 Tandems".

Limitations and restrictions

- E911 option and hence TDMPRFX applies only to ISUP IT trunks.
- PRI PSAP is not supported for this activity.

A59022448

ICM Call Held Event Reporting

This activity addresses past limitations by informing Host computer of CTI system about the state of a call when a call was put on hold. This activity also intends to extend the support of the DV-UNHOLD-CALL message, to unhold a call, which was put on hold manually.

Limitations and restrictions

The limitations and restrictions that apply to the functionalities of the Call Hold (CHD) and the Permanent Hold (HLD) features apply to this activity also.

A59022453**ICM Logon Enhancement and Re-engineering**

This activity modifies the DV_APPL_LOGON message to include an additional parameter to specify a hard reset. Activating the Hard Reset parameter in the LOGON message leads to the corrupt session data on the DMS 100 cleared up and the data structure sanitized.

A59022498**Extended Ringing to External IP**

This activity implements the support for Extended Ringing capability when a resource external to the SSP -- an Intelligent Peripheral (IP) -- is required to play announcements and/or collect digits for O_NoA as well as T_NoA triggers and events. Also, this activity enhances the Extended Ringing capability when the resource is internal to the SSP, by providing support for T_NoA triggers and events, in addition to the O_NoA triggers and events internal STR currently supports.

Limitations and restrictions

- The Extended Ringing capability is supported for the AIN O_NoA and AIN T_NoA trigger and events. No other triggers or events are supported.
- According to GR-[1061] and GR-[1072], we should send a Cancel_Resource message towards IP to take down the IP connection.
- The Extended Ringing capability is not supported when interacting with conferencing features, such as 3WC.
- The Extended Ringing capability continues the limitation found with the AIN Extended Ringing (Internal STR) feature with Call Forward flavors.

A59022523**AIN:DP Converter For STR-IP and Collect Info**

This feature provides DP to DTMF Conversion on receiving the DP Converter parameter in the Send_To_Resource and Collect Info messages.

Limitations and restrictions

- DP to DTMF Conversion is not Supported for ISDN and KSET line agents.
- The DP Converter parameter received in the Update message, Connect To Resource and Originate_Call Messages is not supported by this feature.

A59022533

PFC Office Administration

This activity supports the according to line exclusion of Public Feature Code (PFC) and Specific Feature Code (SFC) services.

Limitations and restrictions

- The SFC/PFC Customer group subscription only supports RES and ISDN BRI lines.
- While provisioning on a Customer group all the agents within that customer group are subscribed without any warning or errors.
- The checking for an agent is only done during run time (CallP) and only RES and ISDN BRI agents will trigger.
- The SFC/ PFC triggers that are subscribed on a customer group does not support a Continue response. If a continue response is received, call is routed to AINF treatment.

A59022554

Enhancement to Trigger Line Attribute Response Processing (LARP)

This activity enhances the existing LARP functionality and it also allows LARP for N11 and PCF triggers apart from the already existing SDS LARP support.

Limitations and restrictions

- The trigger item provisioning interface implements trigger-specific line attributes by datafilling the LARP option on an SDS/N11/PFC trigger item.
- This activity does not affect the PODPATTR or TRIGGER GROUP data model functionality.
- The processing of Forwarding Attributes in TRAVER is not supported by this activity.

A59022576

ICM CDN Display and Treshold Route Enhancements

This feature removes the restrictions and allows the ACD agent to display the name and number of the dialled party.

Limitations and restrictions

This feature has the same restrictions and limitations as the current display features (ACDDISP) and ACD THROUTE.

A59022651**ServOrd-CDN Command Support for OPRT Intercept**

This feature addresses the intercept restriction problem and the changes to be implemented by ServOrd for a DMS-100 directory number to be put to work for an Operator or a Machine type of intercept.

A59022657**DTMF Default Capability**

In this feature, Servord changes allow the customer to select default signalling type by providing an office parameter through which the user selects the default signalling type of a line either DP (Dial Pulse) or DT (Digitone). This is applicable only to non-keyset lines.

Limitations and restrictions

This feature allows the user to add only 29/59 options to a line since one line option is reserved for signalling type DGT/DP.

A59022713**STS1 Provisioning - CM**

This activity allows operating company personnel to datafill a STS1S and STS1L carrier in table MNHSCARR. With this functionality, you can add,delete, and modify STS1S and STS1L carriers on the MG4000.

Limitations and restrictions

This design only covers the ability to provision STS1S and STS1L carriers in table MNHSCARR . It does not support DS3 carriers to be provisioned on SUP RM.

A59022782**Sourcing of Patches LNP40 and NPA03 and Routing of Local Number Portability (LNP) Calls to Datafilled Treatment on Fault Overload Detection (FOD)**

This activity deals with the following work items: sourcing patch LNP40 into NA015 design stream - elimination of conflict between ISDN BRI and LNP response translations, sourcing patch NPA03 into NA015 design stream - optional removal of NPA in the called number returned by the SCP, and routing LNP calls with 10 digit ACG control to datafilled treatment.

Limitations and restrictions

- Requires customers to break-out tuples in table RTECHAR and thus provide separate tuples for BRI and AIN/LNP translations.
- Disables routing based on CDN (TON) for BRI originated calls when the customer group of the originator has BRITONUN option and the TON is national.
- Before adding the BRITONUN option to a customer group, especially on switches which did not have patch LNP40 applied previously, it is recommended that: the customer go through NTPs which state that BRI routing based on TON is not supported for that customer group and if required, change the datafill accordingly.
- Requires LNP00100 SOC to be in ON state.

A59022792 (see A59022782)

LNP: Routing Calls to Datafilled Treatment

A59023032

DFIL110 Log Enhancement

The effort for the maintenance personnel to match the DFIL110 and LINE138 logs is excessive. The Customer requires this new functionality for increased efficiency.

Limitations and restrictions

In cases where the MF trunking protocol is used the dialed digits may not be available to display.

A59023407

PRI Screening-PRI DN Screening LTID Enhancement

This activity provides the necessary changes to support the enhancement for PRI Calling Number (CGN) and Redirecting Number(RN) screening. This feature increases the number of LTIDS/PRI Interfaces that are screened against a DN in Table DNSCRN to 2172.

A59023416

Network Side Support of PRI Trunks for the DMS 100 to the 4ESS, 5ESS and the AT&T System-85 PBX

The purpose of this feature is to provide basic interworking to the Network side 4ESS/5ESS for the NA15 release. This feature provides support for the following trunk types to be provisioned: U449, U459 and N449.

A59023787

RLD Site Naming

This feature provides the ability to define a Remote Line Drawer (RLD) line using the RLD site (which can be different from the Hub site), RLD frame, and RLD number.

Limitations and restrictions

- This feature is supported for RLD only. No changes are implemented for other drawer types, such as ILD, XNET.
- Table SITE is not expanded. Although the DMS-100 system supports up to 1000 RLDs, the limit of table SITE (up to 256 sites in the whole switch) is unchanged.
- The RLD site name used in the LEN is 4-characters long, as limited by table SITE.
- To apply this feature in older products (NA11 to NA14), feature patch is needed.
- At data transfer to the NA15 load, all RLD sites are datafilled with the hosting STAR Hub site.

A59024393

Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

This design adds a new circuit pack type to table MNCKTPAK for the IP-IW SPM. The Viper circuit pack is provisioned as a Media Gateway Processor (MGP) pack to give it a unique identity in table MNCKTPAK. This feature enables the MGP pack to have its own map level, device maintenance, alarms, and loading targets. The MGP pack is registered with Integrated Device Maintenance (IDM) so that it can be integrated into Integrated Node Maintenance (INM) similar to other MNCKTPAK RM types.

A59024411

Rated Power/Alarm Interface and Speedometer Algorithm Tuning

The initial release of multi-processing XA-Core was a single fixed PE card 3+1 system. Subsequent releases thrive on multiple PE card configurations. In particular, the CSP15 release yields three supported configurations, including a 2+1, 3+1, and a 5+1 system. Future releases will give way to more potential configurations and as such support for n+1. To accommodate these changes, this feature supports a modifiable RATED_POWER office parm based on the configurations supported.

Limitations and restrictions

In CSP15, this feature supports 2+1, 3+1, and 5+1 configurations.

A59024653

Wireless Centrex Directed Call Pickup and Call Park Retrieve

When the employees hear the phone ring, they pick up the call with their mobile phone by dialing the directed call pickup access code and directory number (DN) of the ringing wireline phone.

The designated worker retrieves the parked call from their mobile on the floor by dialing the call park retrieve access code and the directory number (DN) of the call is parked against.

Limitations and restrictions

- For both features, the mobile phones need to be in the same customer group as ringing phone in Directed Call Pickup or as parker in Call Park Retrieve.
- Asterisk * is the first part of the feature code.
- Unlike wireline directed call pickup and call park retrieve, there is no second dial tone provided after the mobile user dials the feature code.
- Wireless Centrex mobiles do not verify or restrict from using the Directed Call Pickup or Call Park Retrieve feature when the user sends the * plus feature code and directory number to wireline side.

A59026377

Universal Edge 9000 Media Gateway Metallic Test Access Line Test

For Beta trials and first release, Lucent LMOS/MLT and Teradyne 4TEL is supported using the legacy No Test Trunk interface in DMS-100 MTM.

Limitations and restrictions

- Line Testing cannot be initiated from MAPCI.
- Subscriber Premise Testing is not provided/supported.
- ALT/ShowerQ commands are not provided/supported.
- Line Diagnostics is not provide/supported.

A59026480

Uniform Outpulsing Enhancements

Due to the restriction on non supported routes from standard pretranslations, and the number of digits restriction when calls are routed to an AIS, the customer has requested the following requirements to be supported with UOP: use of the combination V(variable) selector and the L(line) route selector in table STDPRTCT->STDPRT, use of the L selector in table STDPRTCT->STDPRT, treatment extension dialing when UOP is used with

AI (Automatic Intercept) trunks with the called number present in tables DNROUTE/DNINV, and extension dialing for non-treatment cases routing out of DNROUTE/DNINV.

Limitations and restrictions

- UOP Enhancements feature interworks with the existing supported trunks(listed in table 1) of UOP.
- The V selector with the L route selector is a supported route with UOP from standard pretranslations.
- The L selector is a supported route with UOP from standard pretranslations.
- UOP does not support any other routes from standard pretranslations.
- UOP does not support equal access (ea) calls.
- The existing DIGCOMs (Digit Manipulation Commands) are used in table DIGMAN to accomplish Uniform Outpulsing.
- UOP Enhancements will use the existing SOC (LOC00005) that UOP uses.
- All Table DIGMAN selectors are still supported with UOP.
- The 10 derivation for the DTO command will be supported with UOP and ISA for seven digit dialed calls and extn dialed calls.
- The DMI value in the supported tables has to be present, to have the TENDIG_REQD bool set to true.
- 10 digit derivation will not be done if there is a NIL DMI value.

A59026486

Release Link Trunking for Equal Access End Office

Release link trunking (RLT) refers to the capability of a TOPS office to relinquish control of a call to the originating office, which then performs call completion. With this functionality, TOPS offices realize savings in trunk resources since the EAEO trunks (rather than the TOPS office trunks) are occupied with the call completion attempt.

Limitations and restrictions

- The EAEO must be connected directly to the TOPS office using an ISUP IT trunk as described in AN1515 or 59011294. RLT is not supported

routing the call through an access tandem or EAEO to EAEO then to TOPS.

- This feature supports only the following originators: lines - POTS, RES, IBN, 2FR, 4FR, 1MR, BRI, P-phones, Huntgrps, Madn and trunks - MF/SS7 IBN, PX, P2.
- RLT must be assigned to the ISUP IT trunk in Table TRKOPTS.
- Agents that are not supported for RLT are Attendant Console and PRI/BRI.
- RLT requires that a 10 digit number is received in the GAP.
- REVXLER, the CI command for reverse translations, only supports POTS, IBN, and RES agents for RLT.

A59027128

SPM DS-1 Assignment SOC Control

This feature provides SOC functionality for the SPMS_MSGTRK_CARRIER and SPMS_PRITRK_CARRIER. The SOC functionality provides the hard usage control for provisioned SPM DS1P carriers assigned with either ISUP/PTS trunks or PRI trunks. This activity implements two hard usage options, which controls the feature by assigning a limit to the number of resources that the option controls.

Limitations and restrictions

After querying the number of carriers provisioned, make sure this number is less than the usage limit set in the SOC options.

S10387512

Generating Log in CM for CRC Errors on D-Channel in XLIU

OMs are pegged from the HFP every 10 minutes and a log (PKT 200) is generated in the CM if the differential Error (defined later) exceeds 5%.

Limitations and restrictions

The CRC Errors are pegged only for the D-Channels in the XLIU and a log is generated if the differential Error is more than 5%.

3 New data schema tables

Introduction

This chapter describes DMS-100 data schema (DS) tables introduced by this release.

E911TDRT (A59022437)

Table name

E911TDRT

Table status

New

Feature number and name

E911 Tandem-Tandem Enhancements

Table description

This table is introduced by this activity. Based on the dialed number in 911RTNUMBER and the TDMPRFX that constitute the key, the call is routed according to the route datafilled for that combination.

Field information

Feature	Field name	Range
A59022437	E911TRDN	VECTOR OF UP TO 18 {N,1,2,3,4,5,6,7,8,9,0,B,C,D,E,F}'S
A59022437	TDMPRFX	Range from 0 to 15
A59022437	ROUTE	This takes a combination of tabid multiple with integers from 0 to 1023

Field description

A description of new or changed fields is as follows:

- E911TRDN: This is the directory number associated with the PSAP transfer and is a vector of up to 18 digits.
- TDMPRFX: Sub-option TDMPRFX under option E911 in Table TRKGRP.
- ROUTE: The final route is selected from the tabid and the number specified.

Datafill sequence

E911TDRT, TDMPRFX, ROUTE

E911TDRT (A59022437) (end)

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	1500	None

Dump and restore

Not applicable

Activation

Not applicable

SCRGRP (A59023407)

Table name

SCRGRP

Table status

New

Feature number and name

A59023407 - PRI Screening-PRI DN Screening LTID Enhancement

Table description

This table is used to store screening groups (SCRGRP) for PRI CGN/RN Screening. These screening groups consist of up to 180 NI-2/NTNA LTIDS. These groups are referenced by table DNSCRN.

Field information

Feature	Field name	Range
A59023407	SCRGNAME	VECTOR OF UP TO 16 CHAR
A59023407	LTGRP	LOGICAL_TERMINAL_GROUP_NUMBER
A59023407	LTNUM	{1 TO 1022}

Field description

A description of new or changed fields is as follows:

- SCRGNAME: field of table SCRGRP
- LTGRP: subfield of field SCRGRPS
- LTNUM: subfield of field SCRGRPS

Datafill sequence

LTDEF, SCRGRP, DNSCRN

SCRGRP (A59023407) (end)

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	1024	None

Dump and restore

Not applicable

Activation

Not applicable

4 Changed data schema tables

Introduction

This chapter describes DMS-100 data schema (DS) tables modified by this release.

ACDGRP (A59022576)

Table name

ACDGRP

Table status

Changed

Feature number and name

A59022576 - ICM CDN Display and Threshold Route Enhancements

Table description

New sub-field (CDN_THROUTE type bool) is added in CDN option for table ACDGRP.

Field information

Feature	Field name	Range
A59022576	CDN	Y, N

Field description

A description of new or changed fields is as follows:

- CDN: routes the call to THROUTE

Datafill sequence

Unchanged

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	1024	None

Dump and restore

Not applicable

ACDGRP (A59022576) (end)

Activation

Not applicable

CUSTSTN (A59022782)

Table name

CUSTSTN

Table status

Changed

Feature number and name

A59022782 - Sourcing of Patches LNP40 and NPA03 and Routing of Local Number Portability (LNP) Calls to Datafilled Treatment on Fault Overload Detection (FOD)

Table description

The functionality of the table is not changed. This activity only adds a new option "BRITONUN" in the customer option list for table CUSTSTN.

Field information

Feature	Field name	Range
A59022782	BRITONUN	OPTNAME

Field description

A description of new or changed fields is as follows:

- BRITONUN: This option for a particular customer group provides the capability to disable CDN (TON) based routing for BRI originators when the incoming setup message has "national" Type of Number. It resolves the conflict between BRI and AIN/LNP translations by changing the type of number of BRI calls from "national" to "unknown".

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

CUSTSTN (A59022782) (end)

Activation

Not applicable

CUSTTIID (A59022533)

Table name

CUSTTIID

Table status

Changed

Feature number and name

A59022533 - PFC Office Administration

Table description

For SFC/PFC to be assigned on a customer group this table needs to be datafilled.

Field information

Not applicable

Field description

Not applicable

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Unchanged

Activation

Not applicable

DNREGION (A59022041)

Table name

DNREGION

Table status

Changed

Feature number and name

A59022041 - DDN International Interworking

Table description

The fields FROMDIGS and TODIGS are modified by replacing existing type SMALL_DIGIT_REGISTER with DN_DIGIT_REGISTER to allow DNs with more than 10 digits for REVXLVER tool.

Field information

Feature	Field name	Range
A59022041	FROMDIGS	1 to 15 digits
A59022041	TODIGS	1 to 15 digits

Field description

A description of new or changed fields is as follows:

- FROMDIGS: The type of the field is changed from SMALL_DIGIT_REGISTER to DN_DIGIT_REGISTER.
- TODIGS: The type of the field is changed from SMALL_DIGIT_REGISTER to DN_DIGIT_REGISTER.

Datfill sequence

Unchanged

DNREGION (A59022041) (end)

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	Depends on the FROMDIGS and TODIGS fields of the tuple.	None

Dump and restore

Not applicable

Activation

Not applicable

DNREVLXA (A59022041)

Table name

DNREVLXA

Table status

Changed

Feature number and name

A59022041 - DDN International Interworking

Table description

The fields FROMDIGS, TODIGS, and PRFXDIGS are modified by replacing existing type SMALL_DIGIT_REGISTER with DN_DIGIT_REGISTER to allow DNs with more than 10 digits for REVXLVER tool.

Field information

Feature	Field name	Range
A59022041	FROMDIGS	1 to 15 digits
A59022041	TODIGS	1 to 15 digits
A59022041	PRFXDIGS	1 to 15 digits

Field description

A description of new or changed fields is as follows:

- FROMDIGS: The type of field is changed from SMALL_DIGIT_REGISTER to DN_DIGIT_REGISTER.
- TODIGS: The type of field is changed from SMALL_DIGIT_REGISTER to DN_DIGIT_REGISTER.
- PRFXDIGS: The type of field is changed from SMALL_DIGIT_REGISTER to DN_DIGIT_REGISTER.

Datafill sequence

Unchanged

DNREVLXA (A59022041) (end)

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	Depends on the RESULTS field of the tuple.	None

Dump and restore

Not applicable

Activation

Not applicable

DNSCRN (A59023407)

Table name

DNSCRN

Table status

Changed

Feature number and name

A59023407 - PRI Screening-PRI DN Screening LTID Enhancement

Table description

The ATTROPTS field of the DNSCRN table is increased by two range values, SCRGRP1 and SCRGRP2.

Field information

Feature	Field name	Range
A59023407	ATTROPTS	{NIL,CLISI, CLILTID1, CLILTID2, SCRGRP1, SCRGRP2}

Field description

A description of new or changed fields is as follows:

- **ATTROPTS:** The SCRGRP1 and SCRGRP2 attributes are used by call processing for screening purposes. Each of these attributes can accommodate multiple SCRGRPs ranging from 1 to 6 according to DN basis.

Datafill sequence

LTDEF, SCRGRP, DNSCRN

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

E911OFC (A59021993)

Table name

E911OFC

Table status

Changed

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Table description

This feature adds two new OFBSR related options.

Field information

Feature	Field name	Range
A59021993	E911OPTN	use_ofbsr_interface use_onboard_srdb

Field description

A description of new or changed fields is as follows:

- E911OPTN: Booleans indicating whether the Off-Board Selective Database is used on the office wide basis and whether E911SRDB table is used as backup to the OFBSR database.

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

FNPACONT (A59017604)

Table name

FNPACONT-subtable RTEREF

Table status

Changed

Feature number and name

A59017604 - DIGMAN Support for Random and Circular Hunting

Table description

Added an options list to the SG selector and a new option, DMI that allows the manipulation of the called number characteristics.

Field information

Feature	Field name	Range
A59017604	OPTIONS	{DMI}
A59017604	DMI	1 to 31,999

Field description

A description of new or changed fields is as follows:

- **OPTIONS:** A new options list was added to the SG selector.
- **DMI:** A DMI option was added to the SG selector option list. The new DMI option enables the called number characteristics to be manipulated by use of table DIGMAN. This is an index into table DIGMAN.

Datafill sequence

SUPERTKG, DIGMAN, FNPACONT-subtable RTEREF,
FNPACONT-subtable FNPACODE

Table sizing

Unchanged

Dump and restore

Not applicable

FNPACONT (A59017604) (end)

Activation

Not applicable

HNPACONT (A59017604)

Table name

HNPACONT-subtable RTEREF

Table status

Changed

Feature number and name

A59017604 - DIGMAN Support for Random and Circular Hunting

Table description

Added an options list to the SG selector and a new option, DMI that allows the manipulation of the called number characteristics.

Field information

Feature	Field name	Range
A59017604	OPTIONS	{DMI}
A59017604	DMI	1 to 31,999

Field description

A description of new or changed fields is as follows:

- **OPTIONS:** A new options list was added to the SG selector.
- **DMI:** A DMI option was added to the SG selector option list. The new DMI option enables the called number characteristics to be manipulated by use of table DIGMAN. This is an index into table DIGMAN.

Datafill sequence

SUPERTKG, DIGMAN, HNPACONT-subtable RTEREF,
HNPACONT-subtable HNPACODE

Table sizing

Unchanged

Dump and restore

Not applicable

HNPACONT (A59017604) (end)

Activation

Not applicable

IBNFEAT (A59022533)

Table name

IBNFEAT

Table status

Changed

Feature number and name

A59022533 - PFC Office Administration

Table description

RES lines that subscribe to the AINDENY option have the subscription entry in table IBNFEAT.

Field information

Feature	Field name	Range
A59022533	ACTION	{ DENY, RESTORE }
A59022533	SCOPE	{ TIID, ALL }
A59022533	ELEMENT	valid values depend on the specified value of sub-field SCOPE

Field description

- ACTION: what is done to a TIID or trigger type
- SCOPE: deny/restore a TIID or trigger type
- ELEMENT: enter TIID or PFC/SFC, depending on scope

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Unchanged

IBNFEAT (A59022533) (end)

Activation

Not applicable

IBNRTx (A59017604)

Table name

IBNRTx

Table status

Changed

Feature number and name

A59017604 - DIGMAN Support for Random and Circular Hunting

Table description

Added an options list to the SG selector and a new option, DMI that allows the manipulation of the called number characteristics.

Field information

Feature	Field name	Range
A59017604	OPTIONS	{DMI}
A59017604	DMI	1 to 31,999

Field description

A description of new or changed fields is as follows:

- **OPTIONS:** A new options list was added to the SG selector.
- **DMI:** A DMI option was added to the SG selector option list. The new DMI option enables the called number characteristics to be manipulated by use of table DIGMAN. This is an index into table DIGMAN.

Datafill sequence

SUPERTKG, DIGMAN, IBNRTx

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

KSETFEAT (A59022533)

Table name

KSETFEAT

Table status

Changed

Feature number and name

A59022533 - PFC Office Administration

Table description

ISDN BRI lines that subscribe to the AINDENY option have the subscription entry in table KSETFEAT.

Field information

Feature	Field name	Range
A59022533	ACTION	{ DENY, RESTORE }
A59022533	SCOPE	{ TIID, ALL }
A59022533	ELEMENT	valid values depend on the specified value of sub-field SCOPE

Field description

- ACTION: what is done to a TIID or trigger type
- SCOPE: deny/restore a TIID or trigger type
- ELEMENT: enter TIID or PFC/SFC, depending on scope

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Unchanged

KSETFEAT (A59022533) (end)

Activation

Not applicable

LCAINFO (A59022782)

Table name

LCAINFO

Table status

Changed

Feature number and name

A59022782 - Sourcing of Patches LNP40 and NPA03 and Routing of Local Number Portability (LNP) Calls to Datafilled Treatment on Fault Overload Detection (FOD)

Table description

The functionality of the table is not changed. This activity only adds a new field to the table.

Field information

Feature	Field name	Range
A59022782	STRIPNPA	Y/N

Field description

A description of new or changed fields is as follows:

- STRIPNPA: Strip the NPA from the Called Number. This field is used by AIN response translation to determine if the NPA is stripped or not stripped from the 10 digit number returned by the SCP.

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

LCASCRCN (A59022782)

Table name

LCASCRCN

Table status

Changed

Feature number and name

A59022782 - Sourcing of Patches LNP40 and NPA03 and Routing of Local Number Portability (LNP) Calls to Datafilled Treatment on Fault Overload Detection (FOD)

Table description

This activity adds a new field to the table.

Field information

Feature	Field name	Range
A59022782	STRIPNPA	Y, N

Field description

A description of new or changed fields is as follows:

- STRIPNPA: Strip the NPA from the Called Number. This field is used by AIN response translation to determine if the NPA has to be stripped or not from the 10 digit number returned by the SCP.

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

LCMDRINV (A59023787)

Table name

LCMDRINV

Table status

Changed

Feature number and name

A59023787 - RLD Site Naming

Table description

Field RLDNAME is added in the RLD refinement to indicate the RLD site, frame number, and unit number. The RLDSITE field is renamed to LOCATION.

Field information

Feature	Field name	Range
A59023787	RLDSITE	Unchanged
A59023787	RLDNAME	A site name defined in table SITE, such as: 0 TO 511 for FRAME or 0 TO 511 for UNIT

Field description

A description of new or changed fields is as follows:

- RLDSITE: field name is changed to: LOCATION
- RLDNAME: indicates physical location of the RLD

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

LCMDRINV (A59023787) (end)

Activation

Not applicable

LGRPINV (A59026377)

Table name

LGRPINV

Table status

Changed

Feature number and name

A59026377 - Universal Edge 9000 Media Gateway Metallic Test Access Line Test

Table description

Table LGRPINV contains the site, relationship between metallic test access point and vertical connection related with LGs.

Field information

Feature	Field name	Range
A59026377	LGRPOPTS	MTSTAPT or \$
A59026377	SITE_NAME	1 to 4 Chars
A59026377	VERT_INFO	(vertical number {0 to 1023}, mtapt number {0 to 48}) or \$

Field description

A description of new or changed fields is as follows:

- LGRPOPTS: New field. For ‘MTSTAPT’ option, prompt for additional information :-site and vert_info.
- SITE_NAME: Gateway Site.
- VERT_INFO: Up to 8 vert_info entries can be data filled against a LG.

Datafill sequence

Unchanged

LGRPINV (A59026377) (end)

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	1024	None

Dump and restore

Not applicable

Activation

Not applicable

LNINV (A59023787)

Table name

LNINV

Table status

Changed

Feature number and name

A59023787 - RLD Site Naming

Table description

The possibility to datafill a RLD line using the RLD site, frame number, and unit number in the LEN is added.

Field information

Feature	Field name	Range
A59023787	LEN	new RLD site, frame, and unit

Field description

A description of new or changed fields is as follows:

- LEN: for RLD lines only, the RLD site, frame, and unit that are defined in table LCMDRINV. RLDNAME field is acceptable as the LEN site, frame, and unit.

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

LNPOPTS (A59022782)

Table name

LNPOPTS

Table status

Changed

Feature number and name

A59022782 - Sourcing of Patches LNP40 and NPA03 and Routing of Local Number Portability (LNP) Calls to Datafilled Treatment on Fault Overload Detection (FOD)

Table description

Adds a new tuple to LNPOPTS table.

Field information

Feature	Field name	Range
A59022782	OPTIONS-tuple ACG_10D_TRMT ACG_10D_TRMT AINF	Selector

Field description

A description of new or changed fields is as follows:

- OPTIONS-tuple ACG_10D_TRMT ACG_10D_TRMT AINF: The value is selected from the list of available 'Extended Treatments'. The value datafilled is used to route the LNP calls blocked by 10digit ACG controls. The default value is the AINF treatment (AIN_FINAL_TREATMENT).

Datafill sequence

The LNPOPTS table is a protected table. The tuples are added during IPL time. Addition or deletion of tuples are disallowed. The order of tuples appearing in the table is alphabetical and the new tuple appears on the top of the listing. The order of the remaining tuples are unchanged.

LNPOPTS (A59022782) (end)

Table sizing

The tuple count in table changed from seven to eight.

Minimum size	Maximum size	CC restart type required to increase size
Unchanged	Unchanged	None

Dump and restore

Not applicable

Activation

Not applicable

LTDEF (A59023416)

Table name

LTDEF

Table status

Changed

Feature number and name

A59023416 - Network Side Support of PRI Trunks for the DMS 100 to the 4ESS, 5ESS and the AT&T System-85 PBX

Table description

This feature adds an option, N449PRI, to table LTDEF.

Field information

Feature	Field name	Range
A59023416	VARIANT	{NTNAPRI,U449PRI,U459PRI,N449PRI,NIPRI}
A59023416	{N449PRI} ISSUE	MULTIPLE WITH {V1}

Field description

A description of new or changed fields is as follows:

- VARIANT: An additional value is added for the VARIANT field - N449PRI.
- {N449PRI} ISSUE: If N449PRI is chosen for the VARIANT, operating company personnel must choose a corresponding ISSUE.

Datafill sequence

Not applicable

Table sizing

Not applicable

Dump and restore

Not applicable

LTDEF (A59023416) (end)

Activation

Not applicable

MNCKTPAK (A59024393)

Table name

MNCKTPAK

Table status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Table description

Information for the MGP pack type was added.

Field information

Feature	Field name	Range
A59024393	cpkinfo	CEM, ATM, VSP, STM, OC3, IEM, DLC, DSP, MGP

Field description

A description of new or changed fields is as follows:

- CPKINFO: Circuit pack info. Contains unit no, group ID, working or spare, alarm control info, and resource info.

Datafill sequence

Unchanged

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	1662	None

Dump and restore

Not applicable

MNCKTPAK (A59024393) (end)

Activation

Not applicable

MPCFASTA (A59021993)

Table name

MPCFASTA

Table status

Changed

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Table description

Table MPCFASTA identifies applications that use the MPC Fast Utility, a streamlined I/O interface through the MPC. Each application has a tuple in MPCFASTA.

Field information

Feature	Field name	Range
A59021993	INDEX	OFBSR1, OFBSR2

Field description

A description of new or changed fields is as follows:

- INDEX: New entries added to the INDEX field

Datafill sequence

MPC, MPCLINK, MPCFASTA

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

MPCLSET (A59021993)

Table name

MPCLSET

Table status

Changed

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Table description

This feature requires that at least two links be datafilled for an application in table MPCLSET.

Field information

Feature	Field name	Range
A59021993	LSETKEY	OFBSR1 <setnum>, OFBSR2 <setnum>

Field description

A description of new or changed fields is as follows:

- LSETKEY: New entries added to the LSETKEY field

Datafill sequence

MPC, MPCLINK, MPCFASTA, MPCLSET

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

MTAVERT (A59026377)

Table name

MTAVERT

Table status

Changed

Feature number and name

A59026377 - Universal Edge 9000 Media Gateway Metallic Test Access Line Test

Table description

Table MTAVERT will support the ability to assign a metallic test access vertical to a LG Node.

Field information

Feature	Field name	Range
A59026377	VERTSEL	S, M, or G
A59026377	SELECTOR	L, E, T, or O
A59026377	LINEMOD	LG 00 0

Field description

A description of new or changed fields is as follows:

- VERTCONN: VERTSEL: If G, it indicates Group type vertical connectivity.
- VERTCONN: SELECTOR: For G, only O and LG are valid SELECTOR and LINEMOD respectively. Up to 32 entries can be data filled.
- VERTCONN: LINEMOD:

Datafill sequence

Unchanged

MTAVERT (A59026377) (end)

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	1024	None

Dump and restore

Not applicable

Activation

Not applicable

OFRx (A59017604)

Table name

OFRx

Table status

Changed

Feature number and name

A59017604 - DIGMAN Support for Random and Circular Hunting

Table description

Added an options list to the SG selector and a new option, DMI that allows the manipulation of the called number characteristics.

Field information

Feature	Field name	Range
A59017604	OPTIONS	{DMI}
A59017604	DMI	1 to 31,999

Field description

A description of new or changed fields is as follows:

- **OPTIONS:** A new options list is added to the SG selector.
- **DMI:** A DMI option is added to the SG selector option list. The new DMI option enables the called number characteristics to be manipulated by use of table DIGMAN. This is an index into table DIGMAN.

Datafill sequence

SUPERTKG, DIGMAN, OFRx

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

PRIPROF (A59023416)

Table name

PRIPROF

Table status

Changed

Feature number and name

A59023416 - Network Side Support of PRI Trunks for the DMS 100 to the 4ESS, 5ESS and the AT&T System-85 PBX

Table description

This feature adds an option, N449PRI, to table PRIPROF.

Field information

Feature	Field name	Range
A59023416	VARIANT	{NTNAPRI,U449PRI,U459PRI,N449PRI,NIPRI}
A59023416	{N449PRI} ISSUE	MULTIPLE WITH {V1}

Field description

A description of new or changed fields is as follows:

- **VARIANT:** An additional value is added for the VARIANT field - N449PRI.
- **{N449PRI} ISSUE:** If N449PRI is chosen for the VARIANT, operating company personnel must choose a corresponding ISSUE.

Datafill sequence

Not applicable

Table sizing

Not applicable

Dump and restore

Not applicable

PRIPROF (A59023416) (end)

Activation

Not applicable

SCAICOMS (A59022453)

Table name

SCAICOMS

Table status

Changed

Feature number and name

A59022453 - ICM Logon Enhancement and Re-engineering

Table description

Entry DNSTATUS was added to the OPTIONS field.

Field information

Feature	Field name	Range
A59022453	OPTIONS	Selector

Field description

A description of new or changed fields is as follows:

- OPTIONS: DN Status option indicating DNs need to be associated.

Datafill sequence

Unchanged

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	224	None

Dump and restore

Not applicable

SCAICOMS (A59022453) (end)

Activation

Not applicable

SCAISSRV (A59022448)

Table name

SCAISSRV

Table status

Changed

Feature number and name

A59022448 - ICM Call Held Event Reporting

Table description

The field that is added under categories TPCC and SCAICC of table SCAISSRV is **CALLHELD**.

Field information

Feature	Field name	Range
A59022448	FUNCTION	

Field description

A description of new or changed fields is as follows:

- **FUNCTION: CALLHELD** is added to the functions in categories TPCC and SCAICC

Datafill sequence

Unchanged

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	511	None

SCAISSRV (A59022448) (end)

Dump and restore

Not applicable

Activation

Not Applicable

STDPRCT (A59022437)

Table name

STDPRCT

Table status

Changed

Feature number and name

A59022437 - E911 Tandem-Tandem Enhancements

Table description

A new selector is introduced by this activity called E911RTE that points to a new table E911TDRT.

Field information

Feature	Field name	Range
A59022437	E911RTE	Not applicable

Field description

A description of new or changed fields is as follows:

- E911RTE: Selector E911RTE is one of the selectors available

Datafill sequence

Standard datafill rules for Table STDPRCT apply. Datafilling the new selector pointing to table E911TDRT impacts the routing of 911 transfer calls based on the TDMPRFX and the called number done in table E911TDRT.

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

TRIGITM (A59022554)

Table name

TRIGITM

Table status

Changed

Feature number and name

A59022554 - Enhancement to Trigger Line Attribute Response Processing (LARP)

Table description

This activity affects the LARP option.

Field information

Feature	Field name	Range
A59022554	REDIR	N,Y
A59022554	FWDATTR	N,Y
A59022554	REDIR_REASON	UNCOND,UNKNOWN, BUSY, NOREPLY
A59022554	REDIR_PARTY_ID	0 TO 15 DIGITS
A59022554	TCM	0 TO 2 DIGITS
A59022554	CHARGE_NUMBER	0 TO 15 DIGITS

Field description

A description of new or changed fields is as follows:

- REDIR: This field is a BOOLEAN and the default is “N”.
- FWDATTR: This is a selector field and the default is “N”.
- REDIR_REASON: This field is datafilled by any values specified in Entry. The default value is “UNCOND”.
- REDIR_PARTY_ID: This field is datafilled by any valid 3 to 15 digit and the default is “\$”.

TRIGITM (A59022554) (end)

- TCM: This field is datafilled by any 2 digit number. The default value “\$”.
- CHARGE_NUMBER: This field is datafilled by any valid 3 to 15 digit and the default is “\$”.

Datafill sequence

Not applicable

Table sizing

Not applicable

Dump and restore

Not applicable

Activation

Not applicable

TRKGRP (A59021993)

Table name

TRKGRP

Table status

Changed

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Table description

Table TRKGRP contains the definitions of logical trunk data. This feature enhances the type definition for E911 trunks, both MF and ISUP, by adding a new boolean parameter.

Field information

Feature	Field name	Range
A59021993	OFBSR	Y, N

Field description

A description of new or changed fields is as follows:

- OFBSR: Boolean indicating whether the facility is using the Off-Board Selective Database. The default is "N".

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

TRKGRP (A59022437)

Table name

TRKGRP

Table status

Changed

Feature number and name

A59022437 - E911 Tandem-Tandem Enhancements

Table description

'E911' is a option for IT ISUP trunks that allows direct processing of E911 calls. A new sub-option is introduced under the E911 option called TDMPREFIX.

Field information

Feature	Field name	Range
A59022437	TDMPREFIX	0 TO 15

Field description

A description of new or changed fields is as follows:

- TDMPREFIX: Sub-option TDMPREFIX under option E911 in table TRKGRP takes values from 0 to 15. Default value is '0'.

Datafill sequence

Standard trunk datafill rules apply. If datafilled, a new Generic Digits Parameter, GENERIC_DIGITS_E911TANDEM_PREFIX is built in the IAM for E911 calls that transport the TDMPREFIX.

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

TRKOPTS (A59021972)

Table name

TRKOPTS

Table status

Changed

Feature number and name

A59021972 - GETS-HPC Call Queuing

Table description

HPC Call Queuing (HPC CQ) feature reuses option HPCNOTQ of table TRKOPTS. This option is used to prevent an HPC call to be queued on a supported public (such as: IT, TO, T2, ATC and CELL) trunk group when the HPC CQ feature is enabled on an office wide basis through office parameter HPC_CALL_QUEUING.

Field information

Unchanged

Field description

Not applicable

Datafill sequence

Unchanged

Table sizing

Minimum size	Maximum size	CC restart type required to increase size
0	131072	None

Dump and restore

Not applicable

Activation

Not applicable

TRKOPTS (A59026486)

Table name

TRKOPTS

Table status

Changed

Feature number and name

A59026486 - Release Link Trunking for Equal Access End Office

Table description

Trunk specific options are assigned to a specified trunk CLLI in Table TRKOPTS.

Field information

Feature	Field name	Range
A59026486	OPTKEY	new option RLT

Field description

A description of new or changed fields is as follows:

- OPTKEY: Indicates if the trunk supports Release Link Trunking.

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

VIRTGRPS (A59021993)

Table name

VIRTGRPS

Table status

Changed

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Table description

This feature enhances the type definition for E911VFG by adding an additional parameter.

Field information

Feature	Field name	Range
A59021993	OFBSR	Y, N

Field description

A description of new or changed fields is as follows:

- OFBSR: Boolean indicating whether the facility is using the Off-Board Selective Database. The default is “N”.

Datafill sequence

Unchanged

Table sizing

Unchanged

Dump and restore

Not applicable

Activation

Not applicable

5 New office parameters

Introduction

This chapter describes DMS-100 office parameters (OP) introduced by this release.

DDN_INTERNATIONAL (A59022041)

Office parameter name

DDN_INTERNATIONAL

Office parameter status

New

Table name

OFCVAR

Feature number and name

A59022041 - DDN International Interworking

Office parameter description

If the parameter value is “Y”, reverse translations for DDN use the INTERNAT result in table DNREVXLA. If no algorithm is datafilled against the standard result INTERNAT, DDN displays the calling number unaltered.

Default value

N

Dump and restore

Not applicable

Activation

Immediate

Associated operational measurements

Not applicable

Associated table datafill

Not applicable

Associated logs

Not applicable

HPC_CALL_QUEUING (A59021972)

Office parameter name

HPC_CALL_QUEUING

Office parameter status

New

Table name

OFCVAR

Feature number and name

A59021972 - GETS-HPC Call Queuing

Office parameter description

HPC Call Queuing allows Call queuing on supported public trunks and also provides the following parameters: maximum time an HPC call is allowed to queue for an available trunk, maximum number of HPC calls that can simultaneously queue on an supported public trunk group queue, and announcement or tone (if available) provided to calls on a trunk group queue.

Default value

“N”

Dump and restore

Not applicable

Activation

Not applicable

Associated operational measurements

Not applicable

Associated table datafill

Not applicable

Associated logs

Not applicable

6 Changed office parameters

Introduction

This chapter describes DMS-100 office parameters (OP) modified by this release.

DEFAULT_SIGNALLING_TYPE (A59022657)

Office parameter name

DEFAULT_SIGNALLING_TYPE

Office parameter status

Changed

Table name

OFCVAR

Feature number and name

A59022657 - DTMF Default Capability

Office parameter description

To facilitate the BST to select the signalling type according to the customers choice, servord changes are implemented. So this functionality is available, an office parameter is created in table OFCVAR. This parameter has two values either DP (Dial Pulse) or DT (Digitone).

Default value

DEFAULT_SIGNALLING_TYPE = DP

Dump and restore

Not applicable

Activation

Through table control mechanism of OFCVAR

Associated operational measurements

Not applicable

Associated table datafill

Not applicable

Associated logs

Not applicable

RATED_POWER (A59024411)

Office parameter name

RATED_POWER

Office parameter status

Changed

Table name

OFCENG

Feature number and nameA59024411 - Rated Power/Alarm Interface and Speedometer Algorithm
Tuning**Office parameter description**

The RATED_POWER office parm was originally created in CSP14 against a fixed 3+1 configuration. The change is required in this feature to accommodate multiple PE configurations including 2+1, 3+1, and 5+1.

Default value

The default value of 2 was selected since it is representative of the minimum rated power supported by Nortel Networks.

Dump and restore

Not applicable

Activation

Immediate

Associated operational measurements

Not applicable

Associated table datafill

Not applicable

Associated logs

Not applicable

7 New operational measurement groups

Introduction

This chapter describes DMS-100 operational measurement (OM) groups introduced by this release.

RLT (A59026486)

Operational measurements group name

RLT

Operational measurements group status

New

Feature number and name

A59026486 - Release Link Trunking for Equal Access End Office

Operation measurements group description

The OM group, RLT, records the number of Release Link Trunking attempts in the EAEO on an office wide basis.

Number of tuples

One tuple for the EAEO

Key field

REGISTER_INDEX_RANGE

Key field description

An integer in the range 0 to 0

Validation

Not applicable

Info field

Not applicable

Info field description

Not applicable

Registers

Existing registers +

The registers are as follows:

- RLTATMPT

Associated logs

Not applicable

SCAISRV4 (A59022448)

Operational measurements group name

SCAISRV4

Operational measurements group status

New

Feature number and name

A59022448 - ICM Call Held Event Reporting

Operation measurements group description

One new register, HELDU, is added to this OM group.

Number of tuples

One per SCAI group

Key field

SCAI_GROUP

Key field description

The key field identifies the SCAI group name, which is a unique character string with a maximum length of 16 characters.

Validation

Not applicable

Info field

None

Info field description

Not applicable

Registers

Existing registers +

The registers are as follows:

- HELDU

Associated logs

Not applicable

8 New command interfaces

Introduction

This chapter describes DMS-100 command interfaces (CI) introduced by this release.

SPMMGPDIR (Abtk) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Abtk

Status

New

Type

Non-menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Aborts a requested task on the circuit pack.

Warning

ABTKing of this maintenance activity is not supported.

Command syntax

Abtk

SPMMGPDIR (Abtk) A59024393 (end)

Parameter definitions

Not applicable

Responses

Following are examples and descriptions of responses to the <CMD> command.

Response 1

SPM 0 MGP 2 Abtk: Command rejected. ABTKing of this maintenance activity not supported.

Explanation

A circuit pack is activity is in progress which cannot be aborted.

System or user actions

None

Response 2

SPM 0 MGP 2 Abtk: Command passed.

Explanation

Abort task was successful.

System or user actions

None

USNBD (AGENCY ADD) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

AGENCY ADD

Status

New

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

Associates STS, PRETRANSLATOR, LCANAME, and BILLNO with a particular agency specified with this command.

Warning

None

Command syntax

AGENCY ADD

USNBD (AGENCY ADD) A59021965 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the AGENCY ADD command

Parameter	Value	Description
AGENCY-NAME	ADD <AGENCY-NAME> STRING	Agency having access to switched ISUP CCCs to their remote recording device.
STS	<STS> STRING	Serving Translation Scheme
PRETRANSLATOR	<PRETRANSLATOR> STRING	PRETRANSLATOR Name
LCA	<LCA> STRING	Local Calling Area Screening Name
BILLNO	<BILLNO> STRING	10 digits billing number used for generating billing record for the SWITCHED ISUP CCC call pertaining to the specified agency.

Responses

Following are examples and descriptions of responses to the AGENCY ADD command.

Response 1

Agency failed: unauthorized command.

Explanation

User is not authorized to use AGENCY command.

System or user actions

None

Response 2

Agency failed: USNBD is not active.

Explanation

USNBD SOC is IDLE.

USNBD (AGENCY ADD) A59021965 (continued)

System or user actions

Turn the USNBD SOC ON.

Response 3

Agency failed: USNBD recovery in progress, please try again later.

Explanation

After a RESTART (cold or reload), USNBD performs some initialization. The AGENCY command cannot be used during that short period of time.

System or user actions

Try again few seconds later.

Response 4

Agency failed: USNBD data transfer in progress, please try again later.

Explanation

A load application is in progress. The AGENCY command is not allowed while USNBD data is being transferred.

System or user actions

Try again later, when the load application is completed.

Response 5

Agency ADD failed: internal error.

Explanation

USNBD is not able to claim FLAG for executing AGENCY ADD command.

System or user actions

Try again later.

Response 6

Agency ADD done.

Explanation

Agency is added successfully with the specified translation data.

System or user actions

None

USNBD (AGENCY ADD) A59021965 (continued)

Response 7

Agency ADD failed: STS not found in table HNPACONT.

Explanation

STS specified in the AGENCY ADD command does not exist in table HNPACONT.

System or user actions

Verify that the user assigns the correct STS value with the agency through the AGENCY command. If the current agency STS is correct, invoke the operating company procedure to add the missing datafill to the table and re-issue the AGENCY ADD command.

Response 8

Agency ADD failed: PRETRANSLATOR not found in table STDPRTCT.

Explanation

PRETRANSLATOR specified in the AGENCY ADD command does not exist in table STDPRTCT.

System or user actions

Verify that the user assigns the correct PRETRANSLATOR value with the agency using AGENCY ADD command. If the current agency PRETRANSLATOR is correct, invoke the operating company procedure to add the missing datafill to the table and re-issue the AGENCY ADD command.

Response 9

Agency ADD failed: LCANAME not found in table LCASCRCN or LCA info.

Explanation

LCANAME specified in the AGENCY ADD command does not exist in table LCASCRCN or LCA.

System or user actions

Verify that the user assigns the correct LCANAME value with the agency using the AGENCY ADD command. If the current agency LCANAME is correct, must invoke the operating company procedure to add the missing datafill to the table and re-issue the AGENCY ADD command.

Response 10

Agency ADD failed: billing number must be of 10 digits.

USNBD (AGENCY ADD) A59021965 (end)

Explanation

10 digit bill number is not specified in the AGENCY ADD command.

System or user actions

Re-issue the AGENCY ADD command with proper 10 digit bill number.

Response 11

Agency ADD failed: agency capacity exceeded for switched ISUP CCCS.

Explanation

User is trying to add 9th agency with switched ISUP CCC feature.

System or user actions

None

Response 12

Agency ADD failed: agency already exists.

Explanation

User is trying to add agency data with similar agency name that already exists.

System or user actions

None

USNBD (AGENCY DEL) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

AGENCY DEL

Status

New

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

AGENCY DEL command is created to delete the translation data related to specified agency.

Warning

None

Command syntax

AGENCY DEL

USNBD (AGENCY DEL) A59021965 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the AGENCY DEL command

Parameter	Value	Description
AGENCY-NAME	<AGENCY-NAME> STRING	Agency having access to switched ISUP CCCs for their remote recording device.

Responses

Following are examples and descriptions of responses to the AGENCY DEL command.

Response 1

Agency DEL failed: internal error.

Explanation

USNBD is not able to claim FLAG for executing AGENCY DEL command.

System or user actions

Try again later.

Response 2

Agency DEL done.

Explanation

Agency data used for translation pertaining to specified agency is deleted.

System or user actions

None

Response 3

Agency DEL failed: no matching agency found.

Explanation

Agency specified in the AGENCY DEL command does not exist.

System or user actions

Verify that the agency exists using AGENCY LIST command.

USNBD (AGENCY LIST) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

AGENCY LIST

Status

New

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is created to display the STS, PRETRANSLATOR, LCANAME, and billing number currently associated to the agencies.

Warning

None

Command syntax

AGENCY LIST

USNBD (AGENCY LIST) A59021965 (end)

Parameter definitions

Not applicable

Responses

Following are examples and descriptions of responses to the AGENCY LIST command.

Response 1

```
Agency list failed: internal error.
```

Explanation

USNBD is not able to claim FLAG for executing AGENCY LIST command.

System or user actions

Try again later.

Response 2

```
No matching agency found. agency list done.
```

Explanation

Translation specific to the agency not found.

System or user actions

None

Response 3

```
AGENCY-NAME          STS PRETRANSLATOR LCANAME BILLNO
-----
<agency> <sts> <pretranslator> <lcaname> <billno>
```

```
Agency list done.
```

Explanation

The value of STS, PRETRANSLATOR, LCANAME, AND BILLNO are listed for the agency.

System or user actions

None

SPMMGPDIR (Bsy) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Bsy

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Change the state of a selected module to out-of-service (ManB). This command is used to change the state to ManB from an offline state as well as from an INSV state.

Warning

Changing from INSV to ManB may have an impact on service.

SPMMGPDIR (Bsy) A59024393 (continued)**Command syntax**

Bsy

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the BSY command

Parameter	Value	Description
FORCE	<Force> FORCE	Busy without checking for conditions such as state of host node
ALL	<All> ALL	All the selected circuit packs
NOWAIT	<Prompt> NOPROMPT	Cursor is returned without waiting for the command to complete
NOREPLY	<Options> NOWAIT, NOREPLY	Suppress the replies to the command

Responses

Following are examples and descriptions of responses to the Bsy command.

Response 1

```
SPM 0 MGP 0 Busy: Request has been submitted.
```

```
SPM 0 MGP 0 Busy: Command completed. OFFL or MANB force
succeeded.
```

Explanation

The request to busy MGP 0 was submitted and successfully completed.

System or user actions

None

Response 2

```
This operation will be executed on 2 MGPs. Please confirm
("YES", "Y", "NO", or "N"): y
```

```
SPM 0 MGP 0 Busy: Request has been submitted.
```

SPMMGPDIR (Bsy) A59024393 (end)

SPM 0 MGP 0 Busy: Command completed. OFFL or MANB force succeeded

SPM 0 MGP 1 Busy: Request has been submitted.

SPM 0 MGP 1 Busy: Command completed. OFFL or MANB force succeeded.

Explanation

The requests to manually busy both CPKs was submitted and successfully completed.

System or user actions

None

SPMMGPDIR (ListAlm) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

ListAlm

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

This command displays the list of alarms associated with the selected module (circuit pack) in an SPM. If no parameter is specified, the entire list of alarms, associated with the selected module, is displayed. However, if an alarm number is specified as parameter to this command, details of the specified alarm are displayed.

Warning

None

SPMMGPDIR (ListAlm) A59024393 (continued)

Command syntax

ListAlm

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the ListAlm command

Parameter	Value	Description
CR	<option> CR, MJ, MN, NA, NRPT	Critical
MJ	<option> CR, MJ, MN, NA, NRPT	Major
MN	<option> CR, MJ, MN, NA, NRPT	Minor
NA	<option> CR, MJ, MN, NA, NRPT	No_Alarm
NRPT	<option> CR, MJ, MN, NA, NRPT <action> NRPT	No Report

Responses

Following are examples and descriptions of responses to the ListAlm command.

Response 1

```
ListAlm: SPM 0 mgp 0

SEVERITY      ALARM      ACTION
-----
Critical      None
Major         MANB          RPT
Minor         None
No_Alarm      None
```

SPMMGPDIR (ListAlm) A59024393 (end)

Explanation

Circuit pack in manbusy and to be reported in alarm banner.

System or user actions

None

Response 2

```
ListAlm: SPM 0  mgp 0
```

```
SEVERITY      ALARM      ACTION
```

```
-----
```

```
Critical      None
```

```
Major None
```

```
Minor         None
```

```
No_Alarm      None
```

Explanation

Circuit pack in INSV with no alarms.

System or user actions

None

SPMMGPDIR (LISTSET) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

LISTSET

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

List the contents of the post set.

Warning

None

Command syntax

LISTSET

SPMMGPDIR (LISTSET) A59024393 (end)

Parameter definitions

Not applicable

Responses

Following are examples and descriptions of responses to the listset command.

Response 1

MGP 0

Explanation

MGP 0 is in the post set.

System or user actions

None

SPMMGPDIR (LoadMod) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

LoadMod

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Load the selected module with the specified load.

Warning

None

Command syntax

LoadMod

SPMMGPDIR (LoadMod) A59024393 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the LOADMOD command

Parameter	Value	Description
STRING	<File name> STRING	Name of load file
INSVLD	<InSvLd> INSVLD	Load while insv
MATE	<Mate> MATE <Mate Unit> {0 TO 27}	Load mate unit
ALL	<All> ALL	All the selected circuit packs
NOWAIT	<Options> NOWAIT, NOREPLY	Cursor is returned without waiting for the command to complete
NOREPLY	<Options> NOWAIT, NOREPLY	Suppress the replies to the command

Responses

Following are examples and descriptions of responses to the LoadMod command.

Response 1

```
SPM 0 MGP 0 load: request has been submitted.
```

Explanation

Request to load has been submitted.

System or user actions

None

SPMMGPDIR (Next) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Next

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Go to the next of the selected circuit packs.

Warning

None

Command syntax

Next

SPMMGPDIR (Next) A59024393 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the NEXT command

Parameter	Value	Description
CPKTYPE	<CPK TYPE> CPKTYPE	Circuit pack type

Responses

Not applicable

SPMMGPDIR (Offl) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Offl

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Change the state of a selected circuit pack from ManB to offline.

Warning

None

Command syntax

Offl

SPMMGPDIR (Offl) A59024393 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the OFFL command

Parameter	Value	Description
ALL	<All> ALL	All the selected circuit packs
NOWAIT	<Prompt> NOPROMPT	Cursor is returned without waiting for the command to complete
NOREPLY	<Options> NOWAIT, NOREPLY	Suppress the replies to the command

Responses

Following are examples and descriptions of responses to the Offl command.

Response 1

```
SPM 0 MGP 0 offline: request has been submitted.
```

```
SPM 0 MGP 0 offline: command completed. OFFL or MANB force
succeeded.
```

Explanation

Request to busy MGP 0 was submitted and successfully completed.

System or user actions

None

Response 2

```
This operation will be executed on 2 MGPs. Please confirm
("YES", "Y", "NO", or "N"): y
```

```
SPM 0 MGP 0 Offline: request has been submitted.
```

```
SPM 0 MGP 0 Offline: command completed. OFFL or MANB force
succeeded.
```

```
SPM 0 MGP 1 Offline: request has been submitted.
```

```
SPM 0 MGP 1 Offline: command completed. OFFL or MANB force
succeeded.
```

SPMMGPDIR (Off) A59024393 (end)

Explanation

Request to busy selected MGPs was submitted and successfully completed.

System or user actions

None

SPMMGPDIR (Prot) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Prot

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

This command brings up the protection screen for the SPM whose screen the “prot” command is issued.

Warning

None

Command syntax

Prot

SPMMGPDIR (Prot) A59024393 (end)

Parameter definitions

Not applicable

Responses

Not applicable

SPMMGPDIR (QueryMod) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

QueryMod

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

This command queries a specified module (circuit pack) in an SPM.

Warning

None

Command syntax

QueryMod

SPMMGPDIR (QueryMod) A59024393 (end)

Parameter definitions

Not applicable

Responses

Following are examples and descriptions of responses to the QueryMod command.

Response 1

```
Command rejected. The CPK is offline.
```

Explanation

The circuit pack cannot be queried when it is offline.

System or user actions

None

Response 2

```
SPM 0 MGP 0 Query: Request has been submitted.
```

```
SPM 0 MGP 0 Query: Command rejected. Host node is in an invalid  
state, isolated or has MIP posted.
```

Explanation

The circuit pack cannot be queried in a busy state.

System or user actions

None

Response 3

```
SPM 0 MGP 0 Query: Request has been submitted.
```

```
MGP 0 InSv Act      Loc: Row N  FrPos 31 ShPos  6 ShId 0 Slot  3
```

```
Default Load: MGP0000          Actual Load: MGP0000
```

Explanation

Query command was submitted and queried successfully.

System or user actions

None

SPMMGPDIR (QUIT) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Quit

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Quits the MGP map level.

Warning

None

Command syntax

Quit

SPMMGPDIR (QUIT) A59024393 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the QUIT command

Parameter	Value	Description
nlevels	< nlevels >	number of levels
incrname	< incrname >	increment name
all	< ALL >	all

Responses

Not applicable

SPMMGPDIR (ResetMod) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

ResetMod

Status

New

Type

Non-menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Resets the selected circuit pack.

Warning

None

Command syntax

ResetMod

SPMMGPDIR (ResetMod) A59024393 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the ResetMod command

Parameter	Value	Description
FW	<Reset Type> FW	Reset Firmware on pack
ALL	<All> ALL	Reset All posted circuit packs
NOWAIT	<Options> NOWAIT, NOREPLY	Cursor is returned without waiting for the command to complete
NOREPLY	<Options> NOWAIT, NOREPLY	Suppress the replies to the command

Responses

Following are examples and descriptions of responses to the ResetMod command.

Response 1

```
SPM 0 MGP 2 reset: request has been submitted.
```

```
SPM 0 DSP 2 reset: command completed.
```

Explanation

ResetMod request was submitted and completed successfully.

System or user actions

None

Response 2

```
SPM 0 MGP 2 reset: request has been submitted.
```

```
SPM 0 DSP 2 reset: command rejected. Invalid device state.
```

Explanation

Circuit pack is in an invalid state such as manbusy to perform this command.

System or user actions

None

SPMMGPDIR (RTS) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

RTS

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Change the state of a selected circuit pack to in-service (INSV).

Warning

None

Command syntax

RTS

SPMMGPDIR (RTS) A59024393 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the RTS command

Parameter	Value	Description
FORCE	<Force> FORCE	RTS without performing any diagnostics
ALL	<All> ALL	All the selected circuit packs
NOWAIT	<Prompt> NOPROMPT	Cursor is returned without waiting for the command to complete
NOREPLY	<Options> NOWAIT, NOREPLY	Suppress the replies to the command

Responses

Following are examples and descriptions of responses to the RTS command.

Response 1

```
SPM 0 MGP 0 RTS: Request has been submitted.
```

```
SPM 0 MGP 0 RTS: Command completed.
```

Explanation

Request to RTS MGP 0 was submitted and successfully completed.

System or user actions

None

Response 2

```
This operation will be executed on 2 MGPs. Please confirm
("YES", "Y", "NO", or "N"): y
```

```
SPM 0 MGP 0 RTS: Request has been submitted.
```

```
SPM 0 MGP 0 RTS: Command completed.
```

```
SPM 0 MGP 1 RTS: Request has been submitted.
```

```
SPM 0 MGP 1 RTS: Command completed.
```

SPMMGPDIR (RTS) A59024393 (end)

Explanation

The requests to RTS both CPKs was submitted and successfully completed.

System or user actions

None

USNBD (TEST) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

TEST

Status

New

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command verifies that the switched ISUP CCC links to the recorder are established properly.

Warning

Not applicable

Command syntax

TEST <CCC> <CR>

USNBD (TEST) A59021965 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the TEST command

Parameter	Value	Description
CCR	1 to 500	Index of the CCR.

Responses

Following are examples and descriptions of responses to the TEST command.

Response 1

Test failed: cannot test dedicated CCR.

Explanation

The specified CCR is a dedicated type of CCR.

System or user actions

None

Response 2

Test failed: TEST_CALL_BILLNO missing. Test call done.

Explanation

The TEST command is not performed because the call to the specified CCC is billable and USNBD office wide parameter TEST_CALL_BILLNO is not specified.

System or user actions

Specify TEST_CALL_BILLNO using the UNBOFCWIDE TEST_CALL_BILLNO ADD command. Re-execute the TEST command.

Response 3

Test call failed: agency data not found.

Explanation

The TEST command is not performed because the translation data for the specified CCC agency is not defined.

System or user actions

Use the AGENCY ADD command to specify the translation data for the CCR agency. Re-execute the TEST command.

USNBD (TEST) A59021965 (end)

Response 4

Test failed: no route to CCC DN <DN>.

Explanation

The network is unable to route the call to the requested destination.

System or user actions

Verify the DN with the agency.

Response 5

Test failed: unsupported trunk type for CCC DN <DN>.

Explanation

The trunk type used to route to the specified DN is not supported. The trunk types must be ISUP trunks (TO, IT, T2).

System or user actions

Verify the translations are correct using TRAVER. If necessary, change translations to route to a supported trunk type.

(TRAVER) A59022554

Directory name

Not applicable

Directory status

Not applicable

Feature number and name

A59022554 - Enhancement to Trigger Line Attribute Response Processing (LARP)

Accessing the directory

Not applicable

Command name

TRAVER

Status

New

Type

Non-menu

Target

All

Availability

RES (Residential Enhanced Services)

Description

The translations verification (TRAVER) utility allows telephone operating company personnel to examine (for maintenance and verification purposes) the translation and routing data of a simulated call.

Warning

When the LARP option is datafilled, two TRAVERs are performed to verify the trigger. The first TRAVER encounters trigger SDS/N11/PFC with the overriding line attributes specified by the LARP option, and a warning is displayed indicating a second TRAVER is required.

Command syntax

Q TRAVER

(TRAVER) A59022554 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the TRAVER command

Parameter	Value	Description
<LARP>	{0 TO 255}	<TINAME> STRING

Responses

Following are examples and descriptions of responses to the TRAVER command.

Response 1

```
+++ AIN TRAVER: SUCCESSFUL CALL TRACE +++
```

WARNING: LARP option datafilled for SDS trigger. Perform a response TRAVER with the following command line after the AR response: LARP 4 SDSLARP

Explanation

AIN Info analyzed TDP: trigger criteria met.

System or user actions

Use the AINMQG option to save the query to a file for use in TstQuery and for further information.

Response 2

```
TABLE OFCVAR AIN_OFFICE_TRIGGRP TIID
```

Warning: Originator's Line attributes are being overridden by those provided by the LARP option from the corresponding tuple in TABLE TRIGITM

Explanation

Self-explanatory

System or user actions

None

SPMMGPDIR (Tst) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Tst

Status

New

Type

Menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Test the selected circuit pack. This command invokes the diagnostic tests on the circuit pack.

Warning

None

Command syntax

Tst

SPMMGPDIR (Tst) A59024393 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the TST command

Parameter	Value	Description
all	<all> all	Tests all the selected circuit packs
noprompt	<Prompt> noprompt	Suppress the yes/no prompts
nowait	<options> nowait, noreply	Cursor is returned without waiting for the command to complete
noreply	<options> nowait, noreply	Suppress the replies to the command

Responses

Following are examples and descriptions of responses to the Tst command.

Response 1

Command rejected. The CPK is offline.

Explanation

The tests are not performed when the state of the CPK is offline.

System or user actions

None

Response 2

SPM 1 MGP 0 Test: Request has been submitted.

SPM 1 MGP 0 Test: Command Completed.

Explanation

The test request was submitted and the command was completed successfully.

System or user actions

None

SPMMGPDIR (Tst) A59024393 (end)

Response 3

This operation will be executed on 2 MGPs. Please confirm (“YES”, “Y”, “NO”, or “N”): y

SPM 1 MGP 0 Test: Request has been submitted.

SPM 1 MGP 0 Test: Command Completed.

SPM 1 MGP 1 Test: Request has been submitted.

SPM 1 MGP 1 Test: Command Completed.

Explanation

The TST ALL command was executed after selecting two MGPs. The test requests were submitted for both MGPs and the command was completed successfully.

System or user actions

None

SPMMGPDIR (Wait) A59024393

Directory name

SPMMGPDIR

Directory status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI;MTC;PM;POST SPM <node_no>; SELECT MGP <unit_no> OR  
MAPCI;MTC;PM;POST SPM <node_no>;SELECT MGP all
```

```
>QUIT ALL
```

Command name

Wait

Status

New

Type

Non-menu

Target

Supernode

Availability

RES (Residential Enhanced Services)

Description

Turns the wait mode ON, OFF, or queries the wait mode.

Warning

None

Command syntax

Wait

SPMMGPDIR (Wait) A59024393 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the Wait command

Parameter	Value	Description
ON	<Wait option> ON, OFF, QUERY	Turns wait mode on
OFF	<Wait option> ON, OFF, QUERY	Turns wait mode off
QUERY	<Wait option> ON, OFF, QUERY	Queries wait mode

Responses

Following are examples and descriptions of responses to the Wait command.

Response 1

Wait mode is OFF.

Explanation

Self-explanatory

System or user actions

None

Response 2

Wait mode is ON.

Explanation

Self-explanatory

System or user actions

None

9 Changed command interfaces

Introduction

This chapter describes DMS-100 command interfaces (CI) modified by this release.

AINTRACEDIR (AINTRACE) A59022523

Directory name

AINTRACEDIR

Directory status

Changed

Feature number and name

A59022523 - AIN:DP Converter For STR-IP and Collect Info

Accessing the directory

Not applicable

Command name

AINTRACE

Status

Changed

Type

Menu

Target

All

Availability

RES (Residential Enhanced Services)

Description

The DP Converter feature enhances AINTRACE to display DPConverter parameter in Collect_Info/Send_To _Resource message.

Warning

Not applicable

Command syntax

AINTRACE

Parameter definitions

Not applicable

AINTRACEDIR (AINTRACE) A59022523 (end)

Responses

Not applicable

USNBD (CCR ADD) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR ADD

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

CCR ADD command is used to create a Call Content Resource. This feature adds the new parameter 'access' to the existing CCR ADD command. Different validations are applied depending on whether the access is switched or dedicated.

Warning

Unchanged

Command syntax

CCR ADD

USNBD (CCR ADD) A59021965 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CCR ADD command

Parameter	Value	Description
Access	SW, DE	Access type takes two values "SW" for switched and "DE" for dedicated type of CCR.
CCC1	10 to 11 digits	This variable is modified to accept 10 digits for dedicated and 10 to 11 digits for switched type of CCR.
CCC2	10 to 11 digits	This variable is modified to accept 10 digits for dedicated and 10 to 11 digits for switched type of CCR.
agency	max size is 16	Agency information of the CCR. This is prompted, only if the added by ADMIN. If user adds the CCR, the user agency is taken as CCR agency. This parameter is added by Agency Separator feature.

Responses

Following are examples and descriptions of responses to the CCR ADD command.

Response 1

```
CCR add failed: switched CCC DN must be of 10 or 11 digits.
```

Explanation

CCC DN(s) specified in the CCR ADD command for switched access type of CCR are not of 10 to 11 digits length.

System or user actions

Find a new valid remote CCC DN. Replace the local directory number originally entered by the new one. Re-issue the CCR ADD subcommand with the new parameters.

USNBD (CCR ADD) A59021965 (end)

Response 2

CCR add failed: switched CCC DN <DN> present on the host switch.

Explanation

With switched access, CCC DN given as parameters to the CCR ADD subcommand cannot not be a local DN.

System or user actions

Find a new valid remote CCC DN. Replace the local directory number originally entered by the new one. Re-issue the CCR ADD subcommand with the new parameters.

USNBD (CCR ADD) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR ADD

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is enhanced to prompt for agency information of the subject when ADMIN adds a new CCR.

Warning

Not applicable

Command syntax

. . . <agency> STRING}

USNBD (CCR ADD) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CCR ADD command

Parameter	Value	Description
agency	string (max length allowed is 16)	Agency information of the CCR. This is prompted, only if the added by ADMIN. If user adds the CCR, the user agency is taken as CCR agency.

Responses

Following are examples and descriptions of responses to the CCR ADD command.

Response 1

Invalid agency name

Explanation

The agency name entered by the ADMIN exceeds the maximum allowed size of agency.

System or user actions

None

USNBD (CCR ASSOC) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR ASSOC

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

The ASSOC command is allowed only if CCR agency is same as the Surveillance Agency. This is applicable for both ADMIN and user. The user is allowed to associate only the CCR pertaining to user agency. ADMIN has the privilege to associate any CCR, provided the agency of CCR is same as agency of Surveillance.

Warning

Not applicable

USNBD (CCR ASSOC) A59021979 (end)

Command syntax

CCR ASSOC <index> <sin>

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CCR ASSOC command

Parameter	Value	Description
index	{1 TO 500}	index of CCR
sin	<sin>	Surveillance Identification Number

Responses

Following are examples and descriptions of responses to the CCR ASSOC command.

Response 1

User agency not same as CCR agency

Explanation

Agency of the user (who executes the command) is different from the agency of the CCR.

System or user actions

None

USNBD (CCR DEL) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR DEL

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. User is allowed to delete only the CCR pertaining to users agency.

Warning

Not applicable

Command syntax

CCR DEL <index>

USNBD (CCR DEL) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CCR DELcommand

Parameter	Value	Description
index	{1 TO 500}	index of CCR

Responses

Following are examples and descriptions of responses to the CCR DEL command.

Response 1

User agency not same as CCR agency

Explanation

Agency of the user (who executes the command) is different from the agency of the CCR.

System or user actions

None

USNBD (CCR DISASSOC) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR DISASSOC

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. User is allowed to disassociate only the CCR pertaining to user agency.

Warning

Not applicable

Command syntax

CCR DISASSOC <index>

USNBD (CCR DISASSOC) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CCR DISASSOC command

Parameter	Value	Description
index	{1 TO 500}	index of CCR

Responses

Following are examples and descriptions of responses to the CCR DISASSOC command.

Response 1

User agency not same as CCR agency

Explanation

Agency of the user (who executes the command) is different from the agency of the CCR.

System or user actions

None

USNBD (CCR LIST) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR LIST

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

CCR LIST command is used to list surveillances. For all options for list sub-command, the access information of CCR is also displayed.

Warning

Unchanged

Command syntax

Unchanged

USNBD (CCR LIST) A59021965 (end)

Parameter definitions

Not applicable

Responses

Following are examples and descriptions of responses to the CCR LIST command.

Response 1

```
Index Content CCRtype Acc CCRid CCC1          [CCC2]
[Sig] [Tag]      [SIN]
```

```
-----
  1 VOICE  COMBINED LINE SW 19006671021
N         N
  2 VOICE  COMBINED LINE DE 6136631001
N         N
```

CCR list done.

Explanation

User lists all CCRs in a switch. CCR 1 with switched and CCR 2 with dedicated access type.

System or user actions

None

USNBD (CCR LIST) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CCR LIST

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

For ADMIN, for all options for list sub-command: the agency information of surveillance is also displayed, displays all matching CCRs, and a new list option, *agency* is introduced for ADMIN.

For users: the command is modified to list only the matching CCR pertaining to user agency.

Warning

Not applicable

USNBD (CCR LIST) A59021979 (end)

Command syntax

CCR LIST <ccr_list_opt> {ALL, ASSOC, UNASSOC, FREE, **AGENCY**
<agency> **STRING**}

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CCR LIST command

Parameter	Value	Description
agency	<agency>	Agency information of the CCR

Responses

Unchanged

USNBD (CDC ADD) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

CDC ADD

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is enhanced to prompt for agency information of the subject when ADMIN adds a new CDC.

Warning

Not applicable

Command syntax

Unchanged

USNBD (CDC ADD) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CDC ADD command

Parameter	Value	Description
agency	<agency>(max allowed length of name is 16)	Agency information of the CDC

Responses

Following are examples and descriptions of responses to the CDC ADD command.

Response 1

Invalid agency name

Explanation

The agency name entered by the ADMIN exceeds the maximum allowed size of agency.

System or user actions

None

USNBD (CDC ASSOC) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

CDC ASSOC

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

The ASSOC command is allowed only if CDC agency is same as Surveillance Agency. This is applicable for both ADMIN and user. Users are allowed to associate the CDC pertaining to user agency. ADMIN has the privilege to associate any CDC, provided the agency of CCR is same as the agency of Surveillance.

Warning

Not applicable

USNBD (CDC ASSOC) A59021979 (end)

Command syntax

CDC ASSOC <index> <SIN>

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CDC ASSOC command

Parameter	Value	Description
index	<index>	Index of CDC
sin	<sin>	Surveillance Identification Number

Responses

Following are examples and descriptions of responses to the CDC ASSOC command.

Response 1

User agency not same as CDC agency

Explanation

Agency of the user (who executes the command) is different from the agency of the CDC.

System or user actions

None

USNBD (CDC DEL) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

CDC DEL

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. Users are allowed to delete only the CDC pertaining to the user agency.

Warning

Not applicable

Command syntax

CDC DEL <index>

USNBD (CDC DEL) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CDC DEL command

Parameter	Value	Description
index	<index>	Index of CDC

Responses

Following are examples and descriptions of responses to the CDC DEL command.

Response 1

User agency not same as CDC agency

Explanation

Agency of the user (who executes the command) is different the agency of the CDC.

System or user actions

None

USNBD (CDC DISASSOC) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

CDC DISASSOC

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. Users are allowed to disassociate only the CDC pertaining to the user agency.

Warning

Not applicable

Command syntax

CDC DISASSOC <SIN> STRING

USNBD (CDC DISASSOC) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CDC DISASSOC command

Parameter	Value	Description
sin	<sin>	Surveillance Identification Number

Responses

Unchanged

USNBD (CDC LIST) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

CDC LIST

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

For ADMIN, for all options for *list* sub-command: the agency information of CDC is also displayed, displays all matching CDCs, and a new list option, ***agency*** is introduced for ADMIN. This option lists all the CDCs belonging to a particular agency.

For USER: the command is modified to list only the matching CDC pertaining to user agency.

Warning

Not applicable

USNBD (CDC LIST) A59021979 (end)

Command syntax

<cdc_list_opt> {ALL, ASSOC, UNASSOC, FREE, **AGENCY** <agency>
STRING}

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the CDC LIST command

Parameter	Value	Description
agency	<agency>	Agency name

Responses

Unchanged

USNBD (HELP) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

HELP

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command provide the purpose and the correct syntax of the USNBD sub-commands.

Warning

Unchanged

Command syntax

HELP

USNBD (HELP) A59021965 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the HELP command

Parameter	Value	Description
HELP		The acceptable sub-command names on which the help is provided
UNB_OF CWIDE		The acceptable sub-command names on which the help is provided
AGENCY		The acceptable sub-command names on which the help is provided
AGENCY		The acceptable sub-command names on which the help is provided

Responses

Following are examples and descriptions of responses to the HELP command.

Response 1

```

HELP INFORMATION
Parms: [<SUBCOMMAND> {CCR,
                        CDC,
                        HELP,
                        QUIT,
                        SURV,
                        USER,
                        UNB_OF CWIDE,
                        AGENCY, TEST}]
    
```

Explanation

A list of USNBD subcommands is displayed when HELP has no parameters or when the HELP parameter is supplied (help on help).

System or user actions

None

USNBD (HELP) A59021965 (end)

Response 2

MANAGES OR LISTS AGENCY TRANSLATION DATA Parms: <command> {ADD
<AGENCY-NAME> STRING <STS> STRING <PRETRANS> STRING <LCA>
STRING <BILLNO> STRING, DEL <AGENCY-NAME> STRING, LIST}

Explanation

Succeed in providing help on AGENCY command.

System or user actions

None

Response 3

Test and verify the switched CCC LINKS. Parms: <CCR> {1 TO 500}

Explanation

Succeed in providing help on TEST command.

System or user actions

None

(QESN) A59021993

Directory name

Not applicable

Directory status

Not applicable

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Accessing the directory

Not applicable

Command name

QESN

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified to allow the user to query the Off-Board Selective Routing Database (OFBSR) when that database is available.

Warning

Not applicable

Command syntax

QESN

(QESN) A59021993 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the QESN command

Parameter	Value	Description
OFBSR	N, Y	Boolean indicating whether the OFBSR Database is queried. Default is set to "N".

Responses

Following are examples and descriptions of responses to the QESN command.

Response 1

613 6210180 ESN 113

Explanation

E911SRDB table is used for the ESN query.

System or user actions

None

Response 2

613 6210180 ESN 113

Explanation

OFBSR database is used for the ESN query.

System or user actions

None

(QLEN) A59023787

Directory name

Unchanged

Directory status

Not applicable

Feature number and name

A59023787 - RLD Site Naming

Accessing the directory

Not applicable

Command name

QLEN

Status

Changed

Type

Unchanged

Target

Unchanged

Availability

RES (Residential Enhanced Services)

Description

Unchanged

Warning

Unchanged

Command syntax

Unchanged

Parameter definitions

Unchanged

Responses

Following are examples and descriptions of responses to the QLEN command.

(QLEN) A59023787 (end)

Response 1

RLD LINE LOCATION: aaaaaaaa SITE: bbbb
HUB SITE: xxxx

Explanation

The line is an RLD line, located at “aaaaaaa”. Site name used for line definitions is “bbbb”. The hosting STAR Hub of the RLD is located at site “xxxx”.

System or user actions

None

(QLENWRK) A59023787

Directory name

Unchanged

Directory status

Not applicable

Feature number and name

A59023787 - RLD Site Naming

Accessing the directory

Not applicable

Command name

QLENWRK

Status

Changed

Type

Unchanged

Target

Unchanged

Availability

RES (Residential Enhanced Services)

Description

Unchanged

Warning

Unchanged

Command syntax

Unchanged

Parameter definitions

Unchanged

Responses

Following are examples and descriptions of responses to the QLEN command.

(QLENWRK) A59023787 (end)

Response 1

RLD LINE LOCATION: aaaaaaaaa SITE: bbbb
HUB SITE: xxxx

Explanation

The line is an RLD line, located at “aaaaaaaa”. Site name used for line definitions is “bbbb”. The hosting STAR Hub of the RLD is located at site “xxxx”.

System or user actions

None

REVXLVER (REVXLVER) A59022041

Directory name

REVXLVER

Directory status

Changed

Feature number and name

A59022041 - DDN International Interworking

Accessing the directory

To access the directory from the CI level, enter

```
>REVXLVER
```

```
>QUIT
```

Command name

REVXLVER

Status

Changed

Type

Menu

Target

Supernode and BRISC

All

Availability

RES (Residential Enhanced Services)

Description

This activity enhances the REVXLVER tool to support reverse translation of variable length DNs up to 18 digits in MMP market. This option is available only for Dialable DN (DDN) reverse translations.

Warning

None

REVXLVER (REVXLVER) A59022041 (end)

Command syntax

```
REVXLVER DDN <DN> <DIGITS> <TRACE> [<NETNAME>] [<INTL>]
```

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the REVXLVER command

Parameter	Value	Description
INTL		Optional, the tool simulates reverse translations with international characteristics

Responses

Following are examples and descriptions of responses to the REVXLVER command.

Response 1

```
Option INTL not supported, DDN_INTERNATIONAL is not available
in the office. Please check DDN_INTERNATIONAL in table OFCVAR.
```

Explanation

International DDN feature is not active in the office. The INTL parameter cannot be used.

System or user actions

Set the office parameter DDN_INTERNATIONAL “true” in table OFCVAR.

(REVXLVER) A59026486

Directory name

Not applicable

Directory status

Not applicable

Feature number and name

A59026486 - Release Link Trunking for Equal Access End Office

Accessing the directory

Not applicable

Command name

REVXLVER

Status

Changed

Type

Non-menu

Target

Supernode, BRISC

Availability

RES (Residential Enhanced Services)

Description

REVXLVER is a datafill verification utility similar to TRAVER that simulates reverse translation from a specified originator to a specified destination. REVXLVER examines and displays translation data for reverse translation call processing. It also can display the reverse translation number result.

Warning

None

Command syntax

REVXLVER

(REVXLVER) A59026486 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the REVXLVER command

Parameter	Value	Description
RLT	numeric	REVXLVER with the RLT option converts a 10 digit national number to the diallable format based on Reverse Translation Simplification.

Responses

Following are examples and descriptions of responses to the REVXLVER command.

Response 1

```
REVXLVER RLT 6211234 5196212060 Using Reverse  
Translator:RLT2DIAL. The resulting DN using new reverse  
translations is:6212060
```

Explanation

Using the REVXLVER with the RLT option generates the this output.

System or user actions

None

USNBD (SURV ACT) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

SURV ACT

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. User is allowed to activate only the surveillance pertaining to user agency.

Warning

Not applicable

Command syntax

SURV_ACT <SIN> STRING

USNBD (SURV ACT) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the SURV ACT command

Parameter	Value	Description
SIN	string	Surveillance Identification Number

Responses

Following are examples and descriptions of responses to the SURV ACT command.

Response 1

User agency not same as surveillance agency

Explanation

Agency of the user (who executes the command) is different the agency of the Surveillance.

System or user actions

None

USNBD (SURV ADD) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

SURV ADD

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is enhanced to prompt for agency information of the subject when ADMIN adds a new surveillance.

Warning

Not applicable

Command syntax

Unchanged

USNBD (SURV ADD) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the SURV ADD command

Parameter	Value	Description
agency	string (max length allowed is 16)	Agency information of the surveillance. This is prompted, only if the ADMIN adds the surveillance. If user adds the surveillance, user agency is taken as surveillance agency.

Responses

Following are examples and descriptions of responses to the SURV ADD command.

Response 1

Invalid agency name

Explanation

The agency name entered by the ADMIN exceeds the maximum allowed size of agency field.

System or user actions

None

USNBD (SURV DEACT) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

SURV DEACT

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. User is allowed to de-activate only the surveillance pertaining to user agency.

Warning

Not applicable

Command syntax

SURV_DEACT <SIN> STRING

USNBD (SURV DEACT) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the SURV DEACT command

Parameter	Value	Description
SIN	string	Surveillance Identification Number

Responses

Following are examples and descriptions of responses to the SURV DEACT command.

Response 1

User agency not same as surveillance agency

Explanation

Agency of the user (who executes the command) is different the agency of the Surveillance.

System or user actions

None

USNBD (SURV DEL) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

SURV DEL

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is modified for user. User is allowed to delete only the surveillance pertaining to user agency.

Warning

Not applicable

Command syntax

SURV_DEL <SIN> STRING

USNBD (SURV DEL) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the SURV DELcommand

Parameter	Value	Description
SIN	string	Surveillance Identification Number

Responses

Following are examples and descriptions of responses to the SURV DEL command.

Response 1

User agency not same as surveillance agency

Explanation

Agency of the user (who executes the command) is different the agency of the surveillance.

System or user actions

None

USNBD (SURV LIST) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

SURV LIST

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

For ADMIN, for all options for list sub-command: the agency information of surveillance is also displayed, displays all matching surveillances, and a new list option, *agency* is introduced for ADMIN. This option lists all the surveillance belonging to a particular agency.

For user: the command is modified to list only the matching surveillance pertaining to users agency.

Warning

Not applicable

USNBD (SURV LIST) A59021979 (end)

Command syntax

... AGENCY <agency> STRING}

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the SURV LIST command

Parameter	Value	Description
agency	string (max length allowed is 16)	Agency information of the Subject.

Responses

Unchanged

(TRAVER) A59022533

Directory name

Not applicable

Directory status

Not applicable

Feature number and name

A59022533 - PFC Office Administration

Accessing the directory

Not applicable

Command name

TRAVER

Status

Changed

Type

Non-menu

Target

Supernode

All

Availability

RES (Residential Enhanced Services)

Description

TRAVER is a tool that traverses through all the translation tables and displays the resulting route for a call. TRAVER can operate in three modes: TRACE, NO_TRACE and BOTH.

Warning

Not applicable

Command syntax

Unchanged

Parameter definitions

Unchanged

(TRAVER) A59022533 (end)

Responses

Following are examples and descriptions of responses to the TRAVER command.

Response 1

```
TABLE IBNFEAT  
HOST 00 0 02 18 0 AINDENY AINDENY (DENY TIID 4 PFC360) $
```

Explanation

AIN Info Analyzed TDP: trigger criteria not met.

System or user actions

Line is subscribed to option AINDENY. Triggering denied.

TSTQUERY (TSTQUERY) A59022523

Directory name

TSTQUERY

Directory status

Changed

Feature number and name

A59022523 - AIN:DP Converter For STR-IP and Collect Info

Accessing the directory

To access the directory form the CI level, enter

```
>MAPCI ; TESTTOOL ; TSTQUERY
```

```
>QUIT
```

Command name

TSTQUERY

Status

Changed

Type

Menu

Target

All

Availability

RES (Residential Enhanced Services)

Description

The TstQuery tool is enhanced to support the display of DPConverter parameter in the Send_To_Resource and Collect_Info message from the SCP.

Warning

Not applicable

Command syntax

TSTQUERY

TSTQUERY (TSTQUERY) A59022523 (end)

Parameter definitions

Not applicable

Responses

Not applicable

USNBD (CMD) A59021965

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

UNB_OFCWIDE

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

Admin command "UNB_OFCWIDE" is modified to accept new sub-command "TEST_CALL_BILLNO" and option "LIST".

Warning

Unchanged

Command syntax

UNB_OFCWIDE

USNBD (CMD) A59021965 (continued)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the UNB_OFCWIDE command

Parameter	Value	Description
TEST_CALL_BILLNO	<tc_options> {ADD <billno> STRING	The TEST_CALL_BILLNO sub-command enables to add/delete/replace/list the test call bill number on an office wide basis.
LIST	LIST	Lists all the USNBD office wide parameters.

Responses

Following are examples and descriptions of responses to the UNB_OFCWIDE command.

Response 1

```
TEST_CALL_BILLNO ADD failed: billing number must be of 10
digits.
```

Explanation

The length of the specified TEST call billing number is invalid.

System or user actions

Enter proper 10 digit TEST call billing number.

Response 2

```
TEST_CALL_BILLNO REP failed: billing number must be of 10
digits.
```

Explanation

The length of the specified TEST call billing number is invalid.

System or user actions

Enter proper 10 digit TEST call billing number.

Response 3

```
TEST_CALL_BILLNO ADD done.
```

USNBD (CMD) A59021965 (end)

Explanation

Succeeded in adding the TEST call billing number.

System or user actions

None

Response 4

TEST_CALL_BILLNO REP done.

Explanation

Succeeded in replacing the TEST call billing number.

System or user actions

None

Response 5

TEST_CALL_BILLNO DEL done. WARNING: Billable test calls may fail.

Explanation

TEST call bill number is deleted.

System or user actions

None

Response 6

HELDMON <status> TEST_CALL_BILLNO <TEST call billing number>
UNB_OFWIDE list done.

Explanation

Current values of USNBD office wide parameters are displayed.

System or user actions

None

USNBD (USER ADD) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory from the CI level, enter

>USNBD

>QUIT

Command name

USER ADD

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is enhanced to indicate the agency of the user if the added user is not ADMIN.

Warning

Not applicable

Command syntax

<user_add> { <user_id> STRING [<admin> {N [<Agency> STRING], Y}}

USNBD (USER ADD) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the USER ADD command

Parameter	Value	Description
admin	N, Y	This feature makes this field mandatory.
Agency	string (max length is 16)	Agency information of the user. This is prompted, only if the added user is not ADMIN. (ex: admin field is "N").

Responses

Following are examples and descriptions of responses to the USER ADD command.

Response 1

Invalid agency name

Explanation

The agency name entered by the ADMIN exceeds the maximum allowed size of agency.

System or user actions

None

USNBD (USER LIST) A59021979

Directory name

USNBD

Directory status

Changed

Feature number and name

A59021979: USNBD Agency Separator

Accessing the directory

To access the directory form the CI level, enter

>USNBD

>QUIT

Command name

USER LIST

Status

Changed

Type

Non-menu

Target

BRISC

Availability

RES (Residential Enhanced Services)

Description

This command is enhanced and two options were introduced.

Warning

Not applicable

Command syntax

<user_list_option> {ALL, AGENCY <agency> STRING}

USNBD (USER LIST) A59021979 (end)

Parameter definitions

The following table lists new or changed command parameters with values and a brief description.

Parameters for the USER LIST command

Parameter	Value	Description
Agency	string (max length is 16)	Agency name.

Responses

Following are examples and descriptions of responses to the USER LIST command.

Response 1

No matching user found.

Explanation

No user belongs to the given agency.

System or user actions

None

10 New alarms

Introduction

This chapter describes DMS-100 alarms (AL) introduced by this release.

E911_OFBSR_CRITICAL (A59021993)

Alarm display

Ext

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Alarm

E911_OFBSR_CRITICAL

Status

New

Description

The critical alarm for the E911 Off-Board Selective Routing (OFBSR) Interface appears under the EXT subsystem header at the MTC level of the MAP display.

Command that triggers the alarm

Not applicable

Conditions required to raise the alarm

E911_OFBSR_CRITICAL is raised in the event when the(both) multiprotocol controller links to the OFBSR database(s) become unavailable.

Alarm duration

This alarm stays raised until at least one MPC link becomes available.

E911_OFBSR_MAJOR (A59021993)

Alarm display

Ext

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Alarm

E911_OFBSR_MAJOR

Status

New

Description

The major alarm for the E911 Off-Board Selective Routing (OFBSR) Interface appears under the EXT subsystem header at the MTC level of the MAP display.

Command that triggers the alarm

Not applicable

Conditions required to raise the alarm

E911_OFBSR_MAJOR is raised in the event when one(all) multiprotocol controller links to (one of)the OFBSR database(s) become unavailable.

Alarm duration

When at least one link to the database in question becomes available.

E911_OFBSR_MINOR (A59021993)

Alarm display

Ext

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Alarm

E911_OFBSR_MINOR

Status

New

Description

The major alarm for the E911 Off-Board Selective Routing (OFBSR) Interface appears under the EXT subsystem header at the MTC level of the MAP display.

Command that triggers the alarm

Not applicable

Conditions required to raise the alarm

E911_OFBSR_MINOR is raised in the event when one of the multiprotocol controller links to either of the two OFBSR databases becomes unavailable.

Alarm duration

All the links to both databases are available.

11 Changed service order commands

Introduction

This chapter describes DMS-100 service order (SO) commands modified by this release.

ADO (A59022058)

Command name

ADO

Command status

Changed

Feature number and name

A59022058 - Dual Line Call Management (DLCM) Enhancement

Command description

The ADO command is used to add the CMG option to a RES/IBN/P-Phone line.

Example

Example of the ADO command

```
>ado
SONUMBER:      NOW  97  4  27 AM
>
DN_OR_LEN:
>7512532 (associate line)
OPTKEY:
>1
OPTION:
>cmg
LINK_DN_OR_LEN:
>7512531 (subscriber line)
OPTKEY:
>$
```

Prompt changes

The following prompt changes affect the OPTION area:

- For the ADO and the NEW commands - when DR_LEN_TYPE is set to the DN or LEN of the line added the CMG option, then a new

ADO (A59022058) (end)

single-member CMG group is created. When DR_LEN_TYPE is set to an existing member of a CMG group, the line is added to that group.

- LEN or DN is added or deleted from an existing CMG group through the ADD and DEL command. LEN or DN form a new CMG group through the EST command.
- DENY_SDN specifies whether the simultaneous ringing is denied on all SDNs associated with the PDN.

ADO (A59022657)

Command name

ADO

Command status

Changed

Feature number and name

A59022657 - DTMF Default Capability

Command description

When the DGT option is added to a line with DP signalling type, the signalling type changes to DT. To change the signalling type from DT to DP, add the DP option to the line and vice versa. Option DP is also displayed in the options list in query commands just like the DGT option.

Example

Example of the ADO command

```
>ado $ 5500004 dgt $ y y  
COMMAND AS ENTERED:  
ADO NOW 0 6 19 PM 5500004 ( DGT ) $
```

Prompt changes

Not applicable

CDN (A59022651)

Command name

CDN

Command status

Changed

Feature number and name

A59022651 - ServOrd-CDN Command Support for OPRT Intercept

Command description

The operation of the CDN command is impacted, but the command level interface does not change. The ServOrd CDN command passes successfully, inspite of the new DN being associated with an ANCT or an OPRT type of intercept.

Example

Example of the CDN command

```
>CDN
SONUMBER:  NOW  0 6 16 AM
>
OLD_DN:
>5500011
NEW_DN:
>5500010
INTERCEPT_NAME:
>OPRT
COMMAND AS ENTERED:
CDN NOW 0 6 16 AM 5500011 5500010 BLDN
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>Y
```

Prompt changes

Not applicable

DEO (A59022657)

Command name

DEO

Command status

Changed

Feature number and name

A59022657 - DTMF Default Capability

Command description

To change the signalling type from DT to DP, the DGT option is deleted from the line using the DEO command. The signalling type of the line can also be converted from DP to DT by deleting the DP option from the line.

Example

Example of the DEO command

```
> deo $ 5500004 dgt $ y y  
COMMAND AS ENTERED:  
DEO NOW 0 6 19 PM 5500004 ( DGT ) $
```

Prompt changes

Not applicable

EXBADO (A59022657)

Command name

EXBADO

Command status

Changed

Feature number and name

A59022657 - DTMF Default Capability

Command description

To change the signalling type from DT to DP, the DP option is added and this option is also displayed under options list in query commands. If the DGT option is added to the line with signalling type as DP, then signalling type is changed to DT.

Example**Example of the EXBADO command**

```
> exbado $ 6210017 dp $ y y  
  
ADD OPTIONS TO:  
PRIMARY LEN - RCU0 00 0 00 17  
SECONDARY LENS:  
RCU0 00 0 00 21, RCU0 00 0 00 18,  
  
COMMAND AS ENTERED:  
EXBADO NOW 0 6 19 AM 6210017 ( DP ) $
```

Prompt changes

Not applicable

EXBDEO (A59022657)

Command name

EXBDEO

Command status

Changed

Feature number and name

A59022657 - DTMF Default Capability

Command description

To change the signalling type from DT to DP, the DGT option is removed and the DP option is displayed under the options list in the query commands. The signalling type can be changed from DP to DT by deleting the DP option.

Example

Example of the EXBDEO command

```
> exbdeo $ 6210018 dgt $ y y  
  
DELETE OPTIONS FROM:  
PRIMARY LEN - RCU0 00 0 00 18  
SECONDARY LENS:  
RCU0 00 0 00 21,  
  
COMMAND AS ENTERED:  
EXBDEO NOW 0 6 19 AM 6210018 ( DGT ) $
```

Prompt changes

Not applicable

12 New service order options

Introduction

This chapter describes DMS-100 service order (SO) options introduced by this release.

CMG (A59022058)

Option name

CMG

Option status

New

Feature number and name

A59022058 - Dual Line Call Management (DLCM) Enhancement

Option description

The ADO command is used to add the CMG option to a RES/IBN/P-Phone line. By adding the CMG option on a line, a new CMG group is created from that line or the line is added to an already existing CMG group.

Example

Example of the ADO command

```
>ado
SONUMBER:      NOW  97  4 27 AM
>
DN_OR_LEN:
>7512532 (associate line)
OPTKEY:
>1
OPTION:
>cmg
LINK_DN_OR_LEN:
>7512531 (subscriber line)
OPTKEY:
>$
```

Prompt changes

The following prompt changes affect the OPTION area:

- For the ADO and the NEW commands - when DR_LEN_TYPE is set to the DN or LEN of the line added the CMG option, then a new

CMG (A59022058) (end)

single-member CMG group is created. When DR_LEN_TYPE is set to an existing member of a CMG group, the line is added to that group.

- LEN or DN is added or deleted from an existing CMG group through the ADD and DEL command. LEN or DN form a new CMG group through the EST command.
- DENY_SDN specifies whether the simultaneous ringing is denied on all SDNs associated with the PDN.

DP (A59022657)

Option name

DP

Option status

New

Feature number and name

A59022657 - DTMF Default Capability

Option description

For provision of a non-keyset line, the customer is given a choice to select one of the signalling types: DP or DT. When default signalling type is set to DP and a non-keyset line is provisioned, the default signalling type is Dial Pulse (DP), rather than Digitone (DGT). When DP option is removed from a line with signalling type as DP using servord DEO command, the signalling type of line changes to DT.

Example

Example of the DP option

```
>new $ 5501411 1FR lata1 0 0 HOST 06 1 15 17 dp $ y y  
COMMAND AS ENTERED:  
NEW NOW 0 6 14 AM 55014111FR LATA1 0 HOST 06 1 15 17  
(DP) $
```

Prompt changes

Not applicable

13 New logs

Introduction

This chapter describes DMS-100 logs (LG) introduced by this release.

DFIL324 (A59026486)

Log name

DFIL324

Log status

New

Feature number and name

A59026486 - Release Link Trunking for Equal Access End Office

Log description

The DFIL324 is generated when an ISUP REL message is received containing a SAP of RLT_REQUEST_MSG and the RLT option is not assigned to the ISUP IT trunk in Table TRKOPTS.

Format

```
URTPB04BA * DFIL324 APR07 14:37:37 6600 INFO Missing Datafill
                    CKT RTPBSS7IT  0
                    Missing RLT option in table TRKOPTS.
                    Called DR = nnnnnnnnnn
```

Field Information

Fields are described as follows:

- **CKT:** Contains the trunk and circuit on the AENT that recieved an RLT request.
- **Called DR:** Called number of the first leg that resulted in a SAP of RLT_REQUEST_MSG being returned in the ISUP REL message.

E911233 (A59021993)

Log name

E911233

Log status

New

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Log description

E911233 log is generated when: all MPC links are down, no response is received from OFBSR database to the first query, and no response is received from OFBSR database to the second query.

Format

E911233 mmmdd hh:mm:ss ssdd OFBSR QUERY FAILURE

<REASON>

<RESULT>

NPA = <NPA> DN = <DN> MPC = <MPC> MPCLINK = <MPCLINK>

Field Information

Fields are described as follows:

- OFBSR QUERY FAILURE: Indicates a problem with the OFBSR database.
- REASON: Contains a text reason for why the log is being generated.
- RESULT: Identifies action taken.
- NPA: Identifies the numbering plan area code that provides the service.
- DN: Identifies the station number used in the NPA code that provides the service.
- MPC: Identifies the multiprotocol controller (MPC) number over which the transfer problem has occurred.
- MPCLINK: Identifies the link associated with the transfer problem.

E911234 (A59021993)

Log name

E911234

Log status

New

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Log description

E911234 log is generated when the health status of the primary database changes and the secondary is used for all OFBSR messaging.

Format

E911234 mmmdd hh:mm:ss ssdd INFO E911SR01 HEALTH CHANGE
ROUTING TO SECONDARY DATABASE

Field Information

Fields are described as follows:

- E911SR01 HEALTH CHANGE: Indicates a change in the status of the database.
- ROUTING TO SECONDARY DATABASE: Identifies which database is used for selective routing.

E911235 (A59021993)

Log name

E911235

Log status

New

Feature number and name

A59021993 - Off-Board Selective Routing (OFBSR) Interface

Log description

E911235 log is generated when a change in the health status of the database facilitates a change of from secondary to primary database for all OFBSR messaging.

Format

E911235 mmmdd hh:mm:ss ssdd INFO E911SR02 HEALTH CHANGE

ROUTING TO PRIMARY DATABASE

Field Information

Fields are described as follows:

- E911SR02 HEALTH CHANGE: Indicates a change in the status of the database.
- ROUTING TO PRIMARY DATABASE: Identifies which database is used for selective routing.

PKT200 (S10387512)

Log name

PKT200

Log status

New

Feature number and name

S10387512 - Generating log in CM for CRC Errors on D-Channel in XLIU

Log description

This log is generated whenever the differential CRC Error on a particular channel exceeds 5%.

Format

```
<Switch Name> PKT200 <Month> <Date> <Time> INFO CRC ERROR  
XLIU NO : <XLIU No.> CHANNEL : <Channel>  
ERRORED FRAME RECEIVED: <> PREVIOUS ERRORED  
FRAMES RECEIVED: <>  
FRAMES RECEIVED : <> PREV FRAMES RECEIVED: <>  
  
PERCENTAGE ERROR: <Percentage Error>
```

Field Information

Fields are described as follows:

- XLIU No.: This is the XLIU Number in which the problem occurred.
- Channel: This indicates the channel Number in which the CRC Error occurred.
- ERRORED FRAME RECEIVED: This field details the total number of Errored frames received so far on the channel in the XLIU.
- PREVIOUS ERRORED FRAMES RECEIVED: This field details the total number of Errored frames received until the previous pegging on the channel in the XLIU.
- FRAMES RECEIVED: This field details the total number of frames received so far on the channel in the XLIU.
- PREV FRAMES RECEIVED: This field details the total number of frames received until the previous pegging on the channel in the XLIU.
- PERCENTAGE ERROR: This field gives the differential percentage for the CRC Error between the two pegging for the particular channel in the XLIU.

UNB306 (A59021965)

Log name

UNB306

Log status

New

Feature number and name

A59021965 - ISUP Call Control Channels

Log description

The UNB306 log is generated when an STS, PRETRANSLATOR, or LCANAME assigned to an USNBD agency is deleted from tables HNPACONT, STDPRTCT, or LCASCRCN respectively.

Format

UNB 306 <date> <time> INFO
USNBD AGENCY <datafill-type> DELETED FROM TABLE <table-name>

AGENCY = <agency-name>

Field Information

Fields are described as follows:

- date: The date of generation of log.
- time: The time of generation of log.
- datafill-type: The type of datafill that was removed from the appropriate table.
- table-name: The table from which the datafill was deleted
- agency-name: The USNBD agency in which the recording links are not established.

14 Changed logs

Introduction

This chapter describes DMS-100 logs (LG) modified by this release.

DFIL110 (A59023032)

Log name

DFIL110

Log status

Changed

Feature number and name

A59023032 - DFIL110 Log Enhancement

Log description

The DFIL110 log is produced when the carrier specified by the E800 or PVN database is not represented in table OCCINFO. When this report is printed it is assumed that the call did not complete. The printing of this log does not impact call processing.

Format

```
RTPT14BC * DFIL110 mn dd hh:mm:ss ssdd 5400 FAIL SSP CARRIER  
DATA ERROR  
    HOST nn n nn nn DN nnnnnnnnnn  
    UNDATAFILLED CARRIER  
    CARRIER DIGITS = nnnn  
    DIALED DIGITS = nnnnnnnnnnn  
  
    ROUTING DIGITS = nnnnnnnnn
```

Field Information

Fields are described as follows:

- Host: LEN (line equipment number)
- DN: directory number of the callee
- Undatafilled Carrier: constant
- Carrier Digits: carrier digits
- Dialed digits: E800 or PVN number
- Routing Digits: number the E800 or PVN number uses
- Date: date log is produced
- Time: time the log is produced
- FAIL SSP CARRIER DATA ERROR: constant

DFIL318 (A59021972)

Log name

DFIL318

Log status

Changed

Feature number and name

A59021979 - GETS-HPC Call Queuing

Log description

This log is generated to notify operating company personnel that a datafill problem exists with the announcement provided in the office parameter HPC_CALL_QUEUING (in table OFCVAR). The log is generated only when the CPU is not overloaded.

Format

DFIL318 FEB23 10:09:59 2800 INFO GETS DATAFILL ERROR
<error>
<solution>

Field Information

Fields are described as follows:

- <error>: A datafill problem exists with the office parameter HPC_CALL_QUEUING.
- <solution>: The type of the announcement contained in HPC_CALL_QUEUING is not STND. The CLI contained in HPC_CALL_QUEUING does refer to an announcement.

E911212 (A59021986)

Log name

E911211

Log status

Changed

Feature number and name

A59021986 - E911:Wireless Phase II - Geodetic Location Parm

Log description

The Enhanced 911 (E911) subsystem generates this log at disconnect for each call answered at an E911 automatic call distribution (ACD), line appearance on a digital trunk (LDT), or line public safety answering point (LINE PSAP).

Format

E911212 mmmdd hh:mm:ss ssdd INFO E911 CALL EVENT RECORD ANI PSAPNAME POSID LOGIN OFFER <NPA & DN> <psap name> <position id> <login id> <time of day> ANSW XFR DISC XFR DN <time of day> <time of day> <time of day> <NPA & DN> XFR PSAPNAME XFR ANSW <pdsp name xfrd to> <time of day> pANI<NPA & DN>LAT DEG<Degrees Minutes Seconds Direction> LONG DET<Degrees Minutes Seconds Direction>

Field Information

Fields are described as follows:

- LAT DEG: If available, the latitude of the wireless E911 caller is displayed in Degrees, Minutes, Seconds, and direction. The Direction is abbreviated "N" for North or "S" for South latitudes. "N/A" is displayed in this field for wireline calls or for calls where the geodetic location information is not available.
- LONG DEG: If available, the longitude of the wireless E911 caller is displayed in Degrees, Minutes, Seconds, and direction. The Direction is abbreviated "E" for East or "W" for West longitudes. "N/A" is displayed in this field for wireline calls or for calls where the geodetic location information is not available.

SCAI102 (A59022453)

Log name

SCAI102

Log status

Changed

Feature number and name

A59022453 - ICM Logon Enhancement and Re-engineering

Log description

Generated when a session is disassociated by sending an DV_APPL_LOGON message with HARD_RESET parameter set to "TRUE". It contains the session association start time and the disassociation time stamp.

Format

SCAI102 date time segnbr INFO SESSION_DISASSOCIATED

LINK ID:

DEVICE:

SCAI GROUP:

REASON: SESSION HARD RESET

Field Information

Fields are described as follows:

- date, time, segnbr: gives the info about the time & type of occurrence
- LINK ID: gives info about the DNA and PROTOCOL of the link for a X.25 link
- DEVICE ID: gives info about the MPC and LINK on which the session was established for a X.25 link
- SCAI GROUP: gives the name of the customer group to which the linkset belongs
- REASON: gives the reason for the action taken and hence the specific log generation
- START TIME: gives the time when the session has logged on
- STOP TIME: gives the time when session has terminated

SCAI302 (A59022453)

Log name

SCAI302

Log status

Changed

Feature number and name

A59022453 - ICM Logon Enhancement and Re-engineering

Log description

As a result of this activity, this log is also generated when a corrupt session is taken down during hardreset and the SCAI messages are tossed.

Format

SCAI302 date time segnbr FAIL SEND TO MPC FAILED

LINK ID: PROTOCOL :

DEVICE:

REASON: HARD RESET. LOST = VALUE:

Field Information

Fields are described as follows:

- date, time, segnbr: gives the info about the time & type of occurrence
- LINK ID: gives info about the DNA and PROTOCOL of the link for a X.25 link
- PROTOCOL ID: gives the protocol of the X.25 link. Its used to denote the remote entity being called/accepted. i.e transport protocol
- REASON: gives the reason for the action taken and hence the specific log generation

SPM300 (A59024393)

Log name

SPM300

Log status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Log description

SPM300 log is generated when a device fault occurs.

Format

SPM300 <time stamp> TBL Device Fault
Location: <node type> <node number> <circuit pack> <circuit packno>
Status: <alarm status>
Problem Description: <text up to 16 chars>
<text up to 64 chars>
Action: Replace the following cards in the ordered list.
Cardlist:

<device_cardlist>

Field Information

Fields are described as follows:

- Location: node type: PM type
- Location: node number: PM number
- Location: circuit pack: circuit pack type
- Location: circuit packno: alarm status
- Status: problem severity and problem description text
- Problem Description: problem severity and problem description text
- Cardlist: card list

SPM331 (A59024393)

Log name

SPM331

Log status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Log description

Generated when a device has a protection switch failure.

Format

SPM331 Feb07 10:22:11 4700 TBL Failed Device Protection Switch
Location: SPM 01 MGP 01
Status: Alarm Raised
Problem: Device failed protection switch.

Description:

Field Information

Fields are described as follows:

- Location: node type: PM type
- Location: node number: PM number
- Location: circuit pack: circuit pack type
- Location: circuit packno: alarm status
- Status: problem severity and problem description text
- Problem Description: problem severity and problem description text

SPM500 (A59024393)

Log name

SPM500

Log status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway
Processor (MGP) Pack Type

Log description

Generated when a device changes state.

Format

SPM500 <time stamp> INFO Device State Change
Location: <pm type> <node number> <circuit pack> <circuit packno>
From: <state>

To: <state>

Field Information

Fields are described as follows:

- Location: pm type: PM type
- Location: node number: PM Number
- Location: circuit pack: circuit pack type
- Location: circuit packno: circuit pack number
- From: device state
- To: device state

SPM630 (A59024393)

Log name

SPM630

Log status

Changed

Feature number and name

A59024393 - Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type

Log description

Generated when a successful sparing event has occurred.

Format

SPM630 <time stamp> INFO Device Protection Switch
Location: <pm type> <node number> <circuit pack> <circuit packno>
<Sparing reason> from <circuit pack> <circuit packno> to <circuit pack>
<circuit packno>

Field Information

Fields are described as follows:

- Location: pm type: PM type
- Location: node number: PM number
- Location: circuit pack: circuit pack type
- Location: circuit packno: circuit pack number
- sparing reason: sparing reason
- circuit pack: circuit pack type
- circuit packno: circuit pack number

UNB303 (A59021965)

Log name

UNB303

Log status

Changed

Feature number and name

A59021965 - ISUP Call Control Channels

Log description

UNB 303 log is generated when a problem is encountered with a CCR. These logs are modified by this feature to be generated when there is a problem with SWITCHED ISUP CCCs.

Format

```
UNB 303 <date> <time> INFO
<ccr_problem>
<result>
CCR: <ccr_index>[CCC: <ccc_index>]

[CCR DEFINITION: <type> <ccr_id> <ccr_tag>]
```

Field Information

Unchanged

UNB304 (A59021979)

Log name

UNB304

Log status

Changed

Feature number and name

A59021979 - USNBD Agency Separator

Log description

Modifications are made by this feature for UNB304 log generated when the subject is OUTed or Subject LCC is modified.

Format

UNB 304 <date> <time> INFO

<problem>

<result>

<SIN>

<agency> (**Only for ADMIN**)

<Subject information>

<CCR information>

<CDC information>

Field Information

Fields are described as follows:

- Agency: identifies the agency of the surveillance

15 New software optionality controls

Introduction

This chapter describes DMS-100 software optionality controls (SOC) introduced by this release.

AIN00291 (A59022498)

Software optionality control name

AIN00291

Software optionality control status

New

Feature number and name

A59022498 - Extended Ringing to External IP

Software optionality control description

External STR-ER

Control type

State

Order code

AIN00291

Defined in DRU

CNA

Affected products

The following are products using the software support type of SOC control.

- NA100

AIN00292 (A59022523)

Software optionality control name

AIN SE R9

Software optionality control status

New

Feature number and name

A59022523 - AIN: DP Converter For STR-IP and Collect Info

Software optionality control description

AIN SE R9 DP Converter

Control type

State

Order code

AIN00292

Defined in DRU

CNA

Affected products

The following are products using the software support type of SOC control.

- LLT00015
- LEC00015
- LET00015

AIN00294 (A59022533)

Software optionality control name

AIN SE R9

Software optionality control status

New

Feature number and name

A59022533 - PFC Office Administration

Software optionality control description

AIN SE R9 PFC Trigger Administration

Control type

State

Order code

AIN00294

Defined in DRU

CNA

Affected products

The following are products using the software support type of SOC control.

- LEC00015
- LET00015
- LLT00015

LNP00202 (A59022782)

Software optionality control name

LNP00202

Software optionality control status

New

Feature number and name

A59022782 - Sourcing of Patches LNP40 and NPA03 and Routing of Local Number Portability (LNP) Calls to Datafilled Treatment on Fault Overload Detection (FOD)

Software optionality control description

SSP Route on FOD

Control type

State

Order code

LNP00202

Defined in DRU

CNA

Affected products

The following are products using the software support type of SOC control.

- NA100

SPMS0016 (A59027128)

Software optionality control name

SPMS0016

Software optionality control status

New

Feature number and name

A59027128 - SPM DS-1 Assignment SOC Control

Software optionality control description

SPMS MSGTRK CARRIER

Control type

Usage

Order code

SPMS0016

Defined in DRU

SHR15

Affected products

The following are products using the software support type of SOC control.

- <PCL TBD>

SPMS0017 (A59027128)

Software optionality control name

SPMS0017

Software optionality control status

New

Feature number and name

A59027128 - SPM DS-1 Assignment SOC Control

Software optionality control description

SPMS PRITRK CARRIER

Control type

Usage

Order code

SPMS0017

Defined in DRU

SHR15

Affected products

The following are products using the software support type of SOC control.

- <PCL TBD>

16 Changed software optionality controls

Introduction

This chapter describes DMS-100 software optionality controls (SOC) modified by this release.

GETS0001 (A59021972)

Software optionality control name

GETS0001

Software optionality control status

Changed

Feature number and name

A59021972 - GETS-HPC Call Queuing

Software optionality control description

Government Emergency Telecommunications Service

Control type

State

Order code

GETS0001

Defined in DRU

CNA

Affected products

The following are products using the software support type of SOC control.

- LET0015
- LEC0015
- NCS0015

LOC00005 (A59026480)

Software optionality control name

LOC00005

Software optionality control status

Changed

Feature number and name

A59026480 - Uniform Outpulsing Enhancements

Software optionality control description

Dial Plan Translations Enhancement

Control type

State/usage

Order code

LOC00005

Defined in DRU

<DRU TBD>

Affected products

The following are products using the software support type of SOC control.

- <PCL TBD>

LWW00066 (A59024653)

Software optionality control name

LWW00066

Software optionality control status

Changed

Feature number and name

A59024653 - Wireless Centrex Directed Call Pickup and Call Park Retrieve

Software optionality control description

Integrated Wireless Centrex

Control type

State

Order code

LWW00066

Defined in DRU

MTXWOW06

Affected products

The following are products using the software support type of SOC control.

- LWW

17 Cross-references

The following table lists all features with OAM&P changes for this release. The table is arranged by feature number, feature name, design layer, functional group order code, and functionality order code. Refer to specific chapters for the details of the OAM&P changes for these features. Use the following information to interpret the cross-references table:

- Information in the table is PRELIMINARY.
- Features are listed in alphanumerical order.
- The same feature name is sometimes used with several feature numbers when the feature applies to more than one design release unit (DRU). The following DRUs are included:
 - BAS - Base
 - CCM - DMS-100 Common
 - CNA - DMS-100 North America
 - SHR - Shared
 - TL - Telecom
 - XPM - Extended Peripheral Module
- When “NA” is in the columns “Functional group order code” or “Functionality order code”, this means the code for that specific feature is not applicable. If the column is blank, no information is available.

Although this document is North America-specific, the actual design documentation can be contained in a feature with a DRU such as Asia-Pacific (APC), Europe (CUE), or World Trade (WT). For more information about the design layers, contact your regional Nortel Networks representative.

Table 17-1 Cross-references for NA015 (Sheet 1 of 2)

Feature number	Feature name	DRU	Functional group order code	Functionality order code
A59017604	DIGMAN Support for Random and Circular Hunting	CCM		
A59021965	ISUP Call Control Channels	CNA	NBD00003	NBD00003
A59021972	GETS - HPC Call Queuing	CNA	GETS0001	GETS0001
A59021979	USNBD Agency Separator	CNA	NBD00003	NBD00003
A59021986	E911:Wireless Phase II - Geodetic Location Parm	CNA	ENS00005	ENS00005
A59021993	Off-Board Selective Routing (OFBSR) Interface	CNA	ENS00005	ENS00017
A59022041	DDN International Interworking	CCM	CLAS	None
A59022058	Dual Line Call Management (DLCM) Enhancement	CCM	RES00002	RES00087
A59022437	E911 Tandem-Tandem Enhancements	CNA	ENS00005	ENS00018
A59022448	ICM Call Held Event Reporting	CCM	ICM00050	ICM00050
A59022453	ICM Logon Enhancement and Re-engineering	CCM	ICM00001	ICM00001
A59022498	Extended Ringing to External IP	CCM CNA	AIN00291	AIN00291
A59022523	AIN:DP Converter For STR-IP and Collect Info	CNA	AIN00292	AIN00292
A59022533	PFC Office Administration	CNA	AIN00294	AIN00294
A59022554	Enhancement to Trigger Line Attribute Response Processing (LARP)	CNA	AIN00293	AIN00293
A59022576	ICM CDN Display and Threshold Route Enhancements	CCM	ICM00010	ICM00010
A59022651	ServOrd-CDN Command Support for OPRT Intercept	CCM	SERV0001	SERV0001

Table 17-1 Cross-references for NA015 (Sheet 2 of 2)

Feature number	Feature name	DRU	Functional group order code	Functionality order code
A59022657	DTMF Default Capability	CCM	SERV0001	SERV0001
A59022713	STS1 Provisioning - CM	SHR		
A59022782	Sourcing of Patches LNP40 and NPA03 and Routing of LNP Calls to Datafilled Treatment on FOD	CNA	LNP00100	LNP00100
A59022792 (see A59022782)	LNP: Routing Calls to Datafilled Treatment	CNA	LNP00200	LNP00202
A59023032	DFIL110 Log Enhancement	CNA	NA	NA
A59023407	PRI Screening-PRI DN Screening LTID Enhancement	CNA	NI000043	NI000043
A59023416	Network Side Support of PRI Trunks for the DMS 100 to the 4ESS, 5ESS and the AT&T System-85 PBX	CNA	NI000033	NI000033
A59023787	RLD Site Naming	CCM	BAS00003	BAS00003
A59024393	Internet Protocol-InterWorking (IP-IW) New Media Gateway Processor (MGP) Pack Type	SHR		
A59024411	Rated Power/Alarm Interface and Speedometer Algorithm Tuning	BAS		
A59024653	Wireless Centrex Directed Call Pickup and Call Park Retrieve	CCM		
A59026377	Universal Edge 9000 Media Gateway Metallic Test Access Line Test	CCM		
A59026480	Uniform Outpulsing Enhancements	SHR	LOC00005	LOC00257
A59026486	Release Link Trunking for Equal Access End Office	CNA	NA	NA
A59027128	SPM DS-1 Assignment SOC Control	SHR	NA	NA
S10387512	Generating log in CM for CRC Errors on D-Channel in XLIU	CCM		

DMS-100 Family
**North American DMS-100 OAM&P
Change Document**
Reference Manual

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