



Meridian 1

**Option 11C, 11C Mini, 51C, 61C,
81, and 81C**

General Release Bulletin - Release 25.40.

Enterprise Solutions

Generic X11 Release 25

General Release Bulletin - Release 25.40

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“ PROPRIETARY INFORMATION ”

Information is subject to change without notice. Nortel Networks reserves the right to make changes in design or components as progress in engineering and manufacturing may warrant. This equipment has been tested and found to comply with limits for a Class A digital device pursuant to Part of the FCC rules.

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1 Introduction

This document provides an overview of the Global features developed for the Meridian 1 Generic X11 Release 25.40 software. It describes the new features and enhancements offered. It also provides an overview and brief descriptions of the features introduced in Release 25.30 since not all regions rolled out Release 25.30. This document contains feature information that is applicable for all supported Meridian 1 system types.

X11 Global Release 25.40 is a multi-purpose release designed to deliver a single global software stream to all markets. Release 25.40 will be supported on new systems as follows: (NOTE: not all processor types are available in all markets).

Option 51C is no longer be sold as a new system. With the introduction of Release 25.40 (EMEA FBP 3.0), Option 51C will no longer be sold as a new system.

Upgrades to 25.40 will be offered to existing Opt. 51C systems provided that no hardware upgrades are required.

The default processor for new systems Option 61C in all regions will be the 68060E processor and for Option 81C will be Call Processor PII (256MB) commercial processor.

Release 25.40 Option 81C new systems will ship with Fiber Network Fabric (FNF) and Call Processor PII (CP PII) with 256MB memory as the default configuration.

For Options 51C, 61C, 81 and 81C details on feature installation and operation, and hardware upgrade procedures, refer to the Nortel Networks Publications (NTPs). Also, please refer to the Software Conversion Procedures (553-2001-320) that are included in your NTP shipment prior to loading this software.

For information on Real Time requirements, please contact your local Nortel Networks sales representative. For information on Memory calculations, please refer to the Technical Reference Guide for Small Systems or the Meridian 1 Release 25 Planning and Engineering Guide for Large Systems.

Not all features described in this document are offered in all countries, and as noted within the Bulletin, not all features are supported on all machine types.

Please contact your local Nortel Networks sales representative for more information.

Generic X11 Release 25.40 is supported on:

- Option 11C and Option 11C Mini.

[Refer to Option 11C/Mini Installer's Checklist Release 25.40 (P0941097) for details of any manufactured PEPs with the GA Release of 25.40.]

- Options 51C, 61C, 81 and 81C equipped with the Motorola 68040 (NT9D19) CP2, 68060 (NT5D10) CP3, or 68060E (NT5D03) CP4 commercial processors.
- Options 81C equipped with Call Processor PII commercial processors.

[Refer to Manufacture Delivered Customer Solutions (MDCS) Release 25.40 GRB (P0989772) for details of any mandatory PEPs required for Large Systems] MDCS is available in NA, AP and CALA only.

IMPORTANT

Please read all included advisements, requirements, and enhancements both common, and pertinent to your machine type prior to loading this software. Please read Appendix D "Known Issues & Workarounds" prior to loading and installing this software.

AP: Asia Pacific

CALA: Caribbean and Latin America

EMEA: Europe, Middle East and Africa

NA: North America

When references in this document are made to "Release 25", the statements are applicable to Release 25.10, Release 25.15, Release 25.30 and Release 25.40.

1.1 Release 25.40 Quick View

1.1.1 System Management

Release 25.40 is not supported by MAT, only supported by OTM 1.2 or higher.

1.1.2 Software Delivery

Release 25.40 uses the same software delivery vehicles as all other issues of Release 25.

Refer to Appendix B [Electronic Software Distribution (ESD)] for the new electronic software download website.

1.1.3 Software Migration Pathway

Release 25.40 supports same migration paths as Rls 25.30, 25.15 and Rls 25.10.

1.1.4 Memory Requirements

Release 25.40 Small systems memory requirements are the same as all other issues of Release 25.

A new blank software daughterboard NTKK25AA was introduced in Sept. 01 and both NTKK25AA and NTKK13AA are supported on Release 25.40.

The new blank software daughterboard NTKK25AA will not be introduced into EMEA until mid 2002.

Release 25.40 Option 51C-81C memory requirements are the same as Release 25.15 & 25.30; Release 25.40 introduced Memory upgrade for Option 81C CP PII to 256MB, that is mandatory for all 81C CP PII machines with Six or more groups. New 81C systems will ship with CP PII with 256MB memory.

1.1.5 Supported Machine types

Release 25.40 is supported by the same machine type as Release 25.15 & 25.30. Option 51C is no longer sold as a new system.

1.1.6 PE/EPE Support

Release 25.40 supports the same PE/EPE equipment as all other issues of Rls 25

1.1.7 New ISM and software Packages

Release 25.40 introduced Six new Software Packages and One new ISM. Refer to “Software ISM & Packages changes” section of this Bulletin for details.

1.1.8 Documentation changes for Release 25.40

Meridian documentation suite has been updated to include Release 25.40 new features.

Additional restructure and quality enhancements of the suite will include the introduction of new binders, merging and discontinuing of some documents. Several documents will be translated into French and German.

A cross-reference chart of discontinued books as well as merged content will be generated to help users understand the changes.

Refer to the Documentation section of this bulletin for details.

1.2 Release 25 Feature Content and MAT/OTM Matrix

| Feature/Product | Processor | | | | | | Release | | | | MAT/OTM Mandatory Requirement |
|---|-----------|-----|-----|-----|----|-----|---------|-------|-------|----------------|-------------------------------|
| | 11C Mini | 11C | 51C | 61C | 81 | 81C | 25.10 | 25.15 | 25.30 | 25.40 | |
| System Features & Processor, Memory and Clock Enhancements | | | | | | | | | | | |
| Fiber Network Fabric (FNF) | | | | | X | X | | X | X | X | No |
| Call Processor PII (CP PII) | | | | | | X | | X | X | X | No |
| Inventory Reporting Phase 2 | X | X | X | X | X | X | X | X | X | X | No |
| Option 11C/11C Mini IP Expansion | X | X | | | | | | | X | X | No ^{2,3} |
| Scheduled Electronic Lock | X | X | X | X | X | X | | | X | X | No |
| Attendant Announcement | X | X | X | X | X | X | | | | X | No |
| ACD DN Expansion ⁶ | | | | | | X | | | | X | No |
| MISP & DPNSS Support for IP Expansion ⁹ | X | X | | | | | | | | X | No |
| Autonegotiation on IP Expansion | X | X | | | | | | | | X | No |
| CP PII Memory Enh. Option 81C (256MB) | | | | | | X | | | | X | No |
| Large System New Clock Controller (NTRB53AA) | | | X | X | X | X | X | X | X | X ⁵ | No |

| Feature/Product | 11C Mini | | | | | | 25.40 | | | | MAT/OTM Mandatory Requirement |
|--|----------|-----|-----|----|-----|-------|-------|-------|-------|---|-------------------------------|
| | 11C | 51C | 61C | 81 | 81C | 25.10 | 25.15 | 25.30 | 25.40 | | |
| Networking and Internet Telephony Gateway | | | | | | | | | | | |
| Internet Telephony Gateway ITG Trunks2.0 | X | X | X | X | X | X | X | X | X | X | 6.67.04 /1.0 or higher |
| D-Channel Expansion | | | | | X | X | X | X | X | X | No |
| Private to Public CLID Conversion | X | X | X | X | X | X | X | X | X | X | No |
| ISDN & QSIG Enhancements and Regulatory requirements | | | | | | | | | | | |
| QSIG Message Waiting Indication | X | X | X | X | X | X | | | | X | No |
| QSIG Enhancements | X | X | X | X | X | X | | | | X | No |
| NI-2 Name Display Supplementary Service (Not applicable to AP & EMEA) | X | X | X | X | X | X | | | | X | No |
| NI-2 B-Channel Service Messaging (Not applicable to AP & EMEA) | X | X | X | X | X | X | | | | X | No |
| Agent Greeting | X | X | X | X | X | X | | X | X | X | No |
| 10/20 Digit ANI on 911 | X | X | X | X | X | X | X | X | X | X | No |

| Feature/Product | 11 C Mini | | | | | | 25.40 | | | | MAT/OTM Mandatory Requirement |
|---|-----------|-----|-----|----|-----|-------|----------------|-------|----------------|----------------|-------------------------------|
| | 11C | 51C | 61C | 81 | 81C | 25.10 | 25.15 | 25.30 | 25.40 | | |
| Desktop and IP Telephone | | | | | | | | | | | |
| M3900 Enhancements (Release 25.10) | X | X | X | X | X | X | X ¹ | X | X | X | No |
| M3900 – Corporate Directory | X | X | X | X | X | X | | X | X | X | 6.67.07 /1.0 or higher |
| M3900 – Virtual Office | X | X | X | X | X | X | | X | X | X | No |
| ITG Line-side 2.0 & i2004 Internet Telephone | X | X | X | X | X | X | | | X ⁴ | X | 6.67.07 /1.0 ² |
| ITG Line-Side 2.2& i2050 Soft phone ⁸ | X | X | X | X | X | X | | | | X ⁸ | OTM 1.2 |
| M3900 Productivity Enhancement ⁷ | X | X | X | X | X | X | | | | X | No |
| M3900 Virtual Office Enhancement ⁷ | X | X | X | X | X | X | | | | X | No |
| M3904 Full Duplex Handsfree (FDHF) ⁷ | X | X | X | X | X | X | | | | X | No |
| M3900 Phase III Enh. ⁷ (Release 25.40) | X | X | X | X | X | X | | | | X | No |
| Infrastructure, Tools and Keycode Enhancements | | | | | | | | | | | |
| Dynamic PSDL Partitioning [DPSDL] | X | X | X | X | X | X | | | | X | No |
| PDT Password Enhancement | X | X | X | X | X | X | | | | X | No |
| PDT Access Log Enh. | X | X | X | X | X | X | | | | X | No |
| Keycode Enhancement | X | X | X | X | X | X | | | | X | No |

| Feature/Product | 11 C Mini | | | | | | 25.40 | | | | MAT/OTM Mandatory Requirement |
|--|-----------|-----|-----|----|-----|-------|-------|-------|-------|---|-------------------------------|
| | 11C | 51C | 61C | 81 | 81C | 25.10 | 25.15 | 25.30 | 25.40 | | |
| Features Enhancements (Not Applicable all regions) | | | | | | | | | | | |
| Business Network Express [BNE] “EMEA only” | X | X | X | X | X | X | | X | X | X | No |
| MDECT 2000 MSMN “EMEA & AP” | X | X | X | X | X | X | X | X | X | X | No |
| CLID on Analog Trunks (Hong Kong only) | X | X | X | X | X | X | X | X | X | X | No |
| Plugins 1-1“EMEA only” | X | X | X | X | X | X | X | X | X | X | No |
| Plugins 15-17 “EMEA only” | X | X | X | X | X | X | | | X | X | No |
| Plug ins 18-43,47 “EMEA only” | X | X | X | X | X | X | | | | X | No |
| New Wireless Visitor ISM “EMEA & AP” | X | X | X | X | X | X | | | | X | No |
| Singapore ISDN Enh. “Singapore only” | X | X | X | X | X | X | | | | X | No |
| SDID number as CLID for EISDN “EMEA & AP” | X | X | X | X | X | X | | | | X | No |
| Network Break-in and Force Disconnect “EMEA & AP” | X | X | X | X | X | X | | | | X | No |

Notes:

- M3900 Enhanced Flash Download requires:
Rls 25.10 Plus MDCS, or Manufacture Patches,
Or Rls 25.15 or higher.
- The OTM 1.01 upissue or MAT 6.67 update disk (ITGL content) is required to support Internet Telephony Gateway Line-Side ITGL in Expansion cabinet in survival mode with Option11C/Mini IP Expansion.
OTM 1.2 is supporting Release 25.40 features; **MAT is NOT supported on Release 25.40 or later**
- MAT 6.67.07 plus update disk or OTM 1.01 is required to support ITG in expansion Cabinet with Rls 25.30.
- i2004 Internet Telephone requires :
Release 25.15 Plus Patches, Release 25.30 Plus MDCS or Release 25.40
- New Large System Clock Controller NTRB53 requires Release 25.40 in order to download New Firmware, Existing clocks continue to be supported on Rls 25.40, and the new clock controller NTRB53 is backward compatible with Releases 19 to 25. New Clock H/W will not be available until Q1 2002. Please look for Product Bulletins announcing H/W availability
- Requires Option 81C with CP PII, Applications may require updating in order to account for additional ACD DNs
- Refer to M3900 Phase III Product Bulletin for details of Rls 25.40 M3900 Enhancements.

-
8. ITG Line-Side 2.2& i2050 Soft phone will be available after the introduction of Release 25.40. A specific market notice will be sent out to confirm availability
 9. MISP and DPNSS support for IP expansion will be on control release with the introduction of Release 25.40

1.3 Release 25 Peripheral Software Downloadable (PSDL) Listing

| Loadware | Release 25.10 Small / Large PSWV 19/36 | Release 25.15 Small / Large PSWV 33/38 | Release 25.30 Small / Large PSWV 53/70 | Release 25.40 Small / Large PSWV 77/77 |
|-------------|--|--|--|--|
| LCRI | LOADAA02 | LOADAA02 | LOADAA02 | LOADAA02 |
| XNET | LOADAC23 | LOADAC23 | LOADAC23 | LOADAC23 |
| XPEC | LOADAC35 | LOADAC35 | LOADAC38 | LOADAC38 |
| FNET | LOADAA06 | LOADAA06 | LOADAA06 | LOADAA06 |
| FPEC | LOADAA07 | LOADAA07 | LOADAA07 | LOADAA07 |
| MSDL | LOADAJ70 | LOADAJ70 | LOADAJ70 | LOADAJ71 |
| ASYN | LOADAH50 | LOADAH50 | LOADAH50 | LOADAH51 |
| DCH1 | LOADAJ70 | LOADAJ70 | LOADAJ70 | LOADAJ71 |
| MLNK | LOADAK80 | LOADAK80 | LOADAK80 | LOADAK81 |
| BRIL | LOADAK81 | LOADAK81 | LOADAK81 | LOADAK82 |
| BRIT | LOADAK80 | LOADAK80 | LOADAK80 | LOADAK81 |
| MISP | LOADAJ70 | LOADAJ70 | LOADAJ70 | LOADAJ71 |
| MPHA | LOADAH50 | LOADAH50 | LOADAH50 | LOADAH51 |
| BRSC | LOADAJ70 | LOADAJ70 | LOADAJ70 | LOADAJ71 |
| BBRI | LOADAH52 | LOADAH52 | LOADAH52 | LOADAH53 |
| PUPE | LOADAK80 | LOADAK80 | LOADAK80 | LOADAK82 |
| BRIE | LOADAK81 | LOADAK81 | LOADAK81 | LOADAK82 |
| ISIG | LOADAA31 | LOADAA31 | LOADAA31 | LOADAA32 |
| SWE1 | LOADBA49 | LOADBA49 | LOADBA49 | LOADBA49 |
| UKG1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| AUS1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| DEN1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| FIN1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| GER1 | LOADBA50 | LOADBA50 | LOADBA50 | LOADBA50 |
| ITA1 | LOADBA46 | LOADAA49 | LOADAA49 | LOADAA50 |
| NOR1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| POR1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| DUT1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| EIR1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| SWI1 | LOADBA51 | LOADBA51 | LOADBA51 | LOADBA51 |

| BEL1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
|-----------------|---|---|---|---|
| Loadware | Release 25.10 Small/Large PSWV 19/36 | Release 25.15 Small/Large PSWV 33/38 | Release 25.30 Small/Large PSWV 53/70 | Release 25.40 Small/Large PSWV 77/77 |
| SPA1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| NET1 | LOADBA48 | LOADBA48 | LOADBA48 | LOADBA48 |
| FRA1 | LOADBA49 | LOADBA49 | LOADBA49 | LOADBA49 |
| CIS1 | LOADBA46 | LOADBA46 | LOADBA46 | LOADBA46 |
| ETSI | LOADBA47 | LOADBA47 | LOADBA47 | LOADBA47 |
| E403 | LOADBA07 | LOADBA07 | LOADBA07 | LOADBA07 |
| N403 | LOADBA05 | LOADBA05 | LOADBA05 | LOADBA05 |
| JTTC | LOADAC08 | LOADAC08 | LOADAC08 | LOADAC08 |
| TCNZ | LOADAA13 | LOADAA13 | LOADAA13 | LOADAA13 |
| AUBR | LOADAA13 | LOADAA13 | LOADAA13 | LOADAA13 |
| AUPR | LOADAA04 | LOADAA04 | LOADAA04 | LOADAA04 |
| HKBR | LOADAA06 | LOADAA06 | LOADAA06 | LOADAA06 |
| HKPR | LOADAA08 | LOADAA08 | LOADAA08 | LOADAA08 |
| SING | LOADAA14 | LOADAA14 | LOADAA14 | LOADAA15 |
| THAI | LOADAA07 | LOADAA07 | LOADAA07 | LOADAA07 |
| NI02 | LOADAB17 | LOADAB17 | LOADAB17 | LOADAA21 |
| T1IS | LOADAA09 | LOADAA09 | LOADAA09 | LOADAA10 |
| T1ES | LOADAA09 | LOADAA09 | LOADAA09 | LOADAA09 |
| ESGF | LOADAA19 | LOADAC20 | LOADAC20 | LOADAC22 |
| ISGF | LOADAA17 | LOADAC18 | LOADAC18 | LOADAC20 |
| TEGF | LOADAA18 | LOADAC19 | LOADAC19 | LOADAC22 |
| TIGF | LOADAA16 | LOADAC17 | LOADAC17 | LOADAC19 |
| INDO | LOADAA06 | LOADAA06 | LOADAA06 | LOADAA06 |
| JAPN | LOADAA15 | LOADAA15 | LOADAA15 | LOADAA15 |
| MSIA | LOADAA04 | LOADAA04 | LOADAA04 | LOADAA04 |
| CHNA | LOADAA03 | LOADAA03 | LOADAA03 | LOADAA04 |
| INDI | LOADAA03 | LOADAA03 | LOADAA03 | LOADAA03 |
| PHLP | LOADAA02 | LOADAA02 | LOADAA02 | LOADAA02 |
| TAIW | LOADAA03 | LOADAA03 | LOADAA03 | LOADAA03 |
| EAUS | LOADAA01 | LOADAA01 | LOADAA02 | LOADAA02 |
| EGF4 | LOADAA04 | LOADAC05 | LOADAC05 | LOADAC07 |
| DCH3 | LOADAA09 | LOADAA09 | LOADAA09 | LOADAA09 |
| PUP3 | LOADAA09 | LOADAA09 | LOADAA09 | LOADAA09 |
| T1E1 | LOADAA11/15 | LOADAA11/15 | LOADAA11/15 | LOADAA15 |
| DITI | LOADAA33/34 | LOADAA33/34 | LOADAA33/34 | LOADAA34 |

| | | | | |
|---|----|----|----|-----------------|
| CLKC New Global Large System Clock [NTRB53] | NA | NA | NA | LOADAA06 |
|---|----|----|----|-----------------|

| Loadware | Release 25.10 Small/Large PSWV 19/36 | Release 25.15 Small/Large PSWV 38/33 | Release 25.30 Small/Large PSWV 53/70 | Release 25.40 Small/Large PSWV 77/77 |
|--|---|---|---|---|
| M3900 Loadware | M3900 Phase II (M3905 Phase I) | M3900 Phase II (M3905 Phase I) | M3900 Phase II (M3905 Phase I) | M3900 Phase III |
| 1.Global Languages Set: | | | | |
| M3902 | LOADAA36 | LOADAA40 | LOADAA40 | LOADAA80 |
| M3903 | LOADAA45 | LOADAA51 | LOADAA52 | LOADAA80 |
| M3904 | LOADAA41 | LOADAA46 | LOADAA46 | LOADAA83 |
| M3905 | LOADAA27 | LOADAA32 | LOADAA32 | LOADAA82 |
| 2.Western Europe Languages Set: | | | | |
| M3902 | LOADBA36 | LOADBA40 | LOADBA40 | LOADBA80 |
| M3903 | LOADBA45 | LOADBA51 | LOADBA52 | LOADBA80 |
| M3904 | LOADBA41 | LOADBA46 | LOADBA46 | LOADBA83 |
| M3905 | LOADBA27 | LOADBA32 | LOADBA32 | LOADBA82 |
| 3.Eastern Europe Languages Set: | | | | |
| M3902 | LOADCA36 | LOADCA41 | LOADCA41 | LOADCA80 |
| M3903 | LOADCA45 | LOADCA51 | LOADCA52 | LOADCA80 |
| M3904 | LOADCA41 | LOADCA46 | LOADCA46 | LOADCA83 |
| M3905 | LOADCA27 | LOADCA32 | LOADCA32 | LOADCA82 |
| 4.North America Languages Set: | | | | |
| M3902 | LOADDA36 | LOADDA40 | LOADDA40 | LOADDA80 |
| M3903 | LOADDA45 | LOADDA51 | LOADDA52 | LOADDA80 |
| M3904 | LOADDA41 | LOADDA46 | LOADDA46 | LOADDA83 |
| M3905 | LOADDA27 | LOADDA32 | LOADDA32 | LOADDA82 |

2 System Advisements

In this document, Small Systems refer to the Option 11C and Option 11C Mini. Large Systems refer to the Option 51C, 61C, 81 and 81C machine types. System Advisements are applicable to all System Types.

Where references are made to Release 25, the statements are applicable to Release 25.10, 25.15, 25.30 and 25.40.

2.1 Systems Supported

Generic X11 Release 25 supports the following machine types:

- Meridian 1 Option 11C
- Meridian 1 Option 11C Mini
- Meridian 1 Option 51C^{*}, 61C, 81 and 81C
- Meridian 1 Option 81C equipped with Call processor PII

Note^{*}: Option 51C is no longer sold as a new system, however Software upgrade only to 25.40 will be available to existing Option 51C systems.

2.1.1 PE and EPE Support

X11 Release 25.40

CP2, CP3, and CP4

Rls 25.40 supports the same PE/EPE equipment as all other issues of Rls 25 (i.e Releases 25.10, 25.15, 25.30) and the same as Release 24.25.

A very limited number of sites running release 25.10 have experienced sporadic digital set operation when combined with older PE and EPE hardware. This issue is related to the occasional loss of system messages between the CPU and the set. Release 25.15 and later contains a Message Buffering solution to address this issue.

PE and EPE hardware will be supported on X11 Release 25 subject to the following guidelines and limitations.

- CP2 (68040) System - EPE is supported
- CP3 (68060) and CP4 (68060E) Systems - EPE supported subject to guidelines listed below.
- CP PII (Pentium®) System does not support PE or EPE cards.

System Upgrade - CP3, CP4 - Guidelines

Due to differences in processing speeds of the CP3 and CP4 processors and EPE hardware, there are certain Customer Data Configurations that may be susceptible to performance degradation of Telephone sets connected to EPE. These are:

- Having the same Multiple Appearance Directory Number (MADN) on Telephones connected to the same Digital Line Card (DLC).
- Group Call configurations where the target sets are on the same Digital Line Card.
- Calling Party Name Display- longer names increase the potential for problems.
- Numbering schemes where Directory Number Expansion is used.

To ensure optimum performance, the above configurations should be avoided. In the event that this is not possible or practical, Nortel Networks advises that the EPE be migrated to IPE prior to upgrading to Release 25.

System Upgrade - CP PII

For upgrades to the CP PII processor platform, EPE cards will not be supported and will need to be migrated to IPE hardware. This refers to cards that plug into PE and EPE shelves (cards that have 1 1/2" spacing). Some telephone sets, such as SL1 sets (QSUXXX), may have to be replaced in this migration. Cards in the network shelves will continue to be supported. Connections from Networking Equipment to Meridian Mail and Digital Trunk/Primary Rate Interface are therefore not impacted by this requirement and remain supported in this configuration.

X11 Release 26 (when available)

The introduction of this release will no longer support Peripheral Equipment (PE) or Enhanced Peripheral Equipment (EPE) on any Meridian 1 system type.

PE or EPE includes the following:

1. All Peripheral Equipment/Enhanced Peripheral Equipment housed in old style Peripheral Equipment/Enhanced Peripheral Equipment shelves and
2. SL-1 proprietary telephone sets and attendant consoles associated with SL-1 line cards.

NOTE 1: “QPC” cards housed in CORE/Network shelves will continue to be supported on Release 26. For example, QPC 414 ENET cards will continue to be supported as an interface to Meridian Mail and Digital Trunk Interfaces (DTI) connection even though the card can no longer be used to drive Enhanced Peripheral Equipment (EPE) shelves.

NOTE 2: In order to allow our customers and distributors the ability to optimize resources during a system or software upgrade, Nortel Networks has not introduced any changes in X11 Release 26 to prohibit PE and EPE equipment. When a system is upgraded to X11 Release 26, the craftsperson can convert the desktop Terminal Number (TN) to the X11 Release 26 feature set. This eliminates the need to change the TN features and Services twice. Following the TN changes, the new IP shelf can be exchanged and the new desktop equipment installed and tested.

A list of the specific hardware that is impacted with the introduction of X11 Release 26 can be found in Sales and Marketing Bulletin North America [1323-G] dated October 2000 and titled:

“Peripheral Equipment (PE) / Enhanced Peripheral Equipment (EPE) Retirement Notification with Generic X11 Release 26”.

2.2 Feature Interactions

Microcellular features (packages 345, 346, 314, 302, 303) are not supported on any Release 25 based and later systems.

SILC and UILC cards were not supported in Option 11C/Mini IP Expansion (IPEX) cabinet for Release 25.30, but are supported with Release 25.40.

Meridian Home Office MHO-II is supported with Release 25.40, but is not supported with M3900 Phase III telephones.

Remote office (RO) 1.3 is supported with Release 25.40 but not supported with M3900 Phase III until the upissue 1.3.4 is available.

| Release 25.40 | M2000 | M3900 Phase II [3902,3903,3904] | M3900 Phase III [3902,3903,3904,3905] |
|-----------------------------|-----------|--|---|
| Remote Office [RO 1.2] | Supported | Supported | Not supported, continue to use M3900 Phase II or upgrade to RO 1.3.4 when available |
| Remote Office [RO 1.3.1] | Supported | Supported | Not supported, continue to use M3900 Phase II or upgrade to RO 1.3.4 when available |
| Remote Office [RO 1.3.4] | Supported | Supported | Supported |

Support for telephone sets and the different versions of Remote Office (RO) and Release 25.40 as per the table above.

Remote Office 1.3.4 is a maintenance up-issue to provide full M3900 Phase III compatibility and General availability for Remote Office 1.3.4 will be early March 2002.

2.3 Real Time Impact of Release 25

The real time impact of Release 25 is shown in the following table. These values are based on the average basic calls measurements in combination with the real time impact on some basic market models which make extensive use of key features, such as: CPND, CDR, digital trunking, digital sets.

| Machine type | 24 to25 |
|-----------------------|---------|
| 11C | 6% |
| CP2: (51C/61C/81/81C) | 16% |
| CP3: (51C/61C/81/81C) | 6% |
| CP4: (51C/61C/81/81C) | 6% |

| CP4 to CP PII improvement in real time capacity | |
|---|---------------|
| CP4 to CP PII: (Options 81C) | 210% (= 3.1X) |

Recommended Maximum Call Register Counts

The following tables detail the recommended Maximum Call Register Counts for Release 25 Call Registers are set in LD. 17, at the "NCR" prompt, after answering "Yes" to the PARM prompt

| | 11C | 51C [CP2] | 51C [CP3&4] |
|--|------|-----------|-------------|
| Recommended Maximum Call Register Count | 1750 | 1500 | 2000 |

| | 61C [CP2] | 61C [CP3&4] |
|--|-----------|-------------|
| Recommended Maximum Call Register Count | 3000 | 4000 |

| | 81/81C CP2 W/ or W/o NCE | 81/81C CP3&4 W/ or W/o NCE | 81C CP PII With 5 or fewer groups | 81C CP PII With 6 to 8 groups |
|--|--------------------------------|----------------------------------|---|-------------------------------------|
| Recommended Maximum Call Register Count | 7500 | 10000 | 20000 | 25000 |

2.4 System Security

Nortel Networks strongly recommends changing the default system passwords for Meridian 1, Meridian Mail and Callpilot systems during initial installation. These passwords should be changed again when the system is placed in active service. These actions will help deter unauthorized system access which can result in toll fraud or system abuse.

For more information, please refer to the System Security Management NTP [553-3001-302].

2.5 Audit routine

As in the case of previous software releases, it is recommended that the Audit routine (Overlay 44) be specified as the background diagnostic to optimize the system capability to deal with call processing anomalies, especially in large line size and high traffic configurations.

2.6 CallPilot Distributor Web Site for PEPs Identification

Please check on the CallPilot distributor web site for current information on any required PEPs for any given X11 software release.

The web site is at (North America): <https://www43.nortelnetworks.com/MPL>

The web site is at (Europe): <https://www21.nortelnetworks.com/MPL>

(This site is also found from Nortel Network's Customer Support website in the Software section.)

Please note that this site requires an account and password. If you do not currently have an account and password, and are a CallPilot distributor, please contact your regional sales representative for access to this site.

2.7 Symposium Distributor Web Site for PEPs Identification

Symposium Call Center Server SCCS have all the latest PEPs installed on it from the factory as per details on the SCCS Web Page <http://www.nortel-sccs.com/sccs.asp>

(This site is also found from Nortel Network's Customer Support website in the Software section.)

2.8 Cross Product Dependency List Information

The Meridian PEP Library now offers a new tool to allow quick identification of PEPs that may be recommended for a particular Application running on a specific Release of X11 software. This Dependency List information has been available on Web MPL for Symposium, CallPilot and Symposium Express since early 2001. X11 Release 25.40 will see the launch of several new Dependency Lists for Feature Groups such as Networking and IP.

The North America website address for WebMPL access is:

<https://www43.nortelnetworks.com/MPL>

In Europe website address for WebMPL access is:

<https://www21.nortelnetworks.com/MPL>

Access to the Meridian PEP Library does require a Distributor account and a password.

2.9 System Management

Customers that utilize third party management systems must ensure that the Management System is compatible with Release 25 software.

MAT 6.6X

MAT Release 6.67.04 supports Generic X11 Release 25.10 and associated features;

MAT Release 6.67.07 supports Generic X11 Release 25.15 and associated features.

MAT Release 6.67.07 plus update disk supports Generic X11 Release 25.30 and associated features

| |
|---|
| <p>MAT is not supported on Release 25.40 or later, Please contact your sales representative for more information related to upgrade to OTM.</p> |
|---|

To confirm your MAT Release version, open MAT on your PC, in the MAT Navigator Window under Help, select About MAT Application.

For further information on MAT 6.67 please refer to the MAT specific General Release Bulletin, which will be shipped with each MAT order.

OTM 1.x

OTM 1.00 supports Generic X11 Release 25.15 and associated features

OTM 1.01 supports Generic X11 Release 25.30 and associated features

OTM 1.1 delivers additional functionality to manage the Survivable IP Expansion cabinets in the areas of Common Services and Maintenance in both the Windows and Web environment.

OTM 1.2 supports Generic X11 Release 25.40 and associated features.

The following X11 Release 25 Features require MAT 6.6x or OTM 1.0x for configuration - the features cannot be programmed through overlays:

- **ITG Trunks 2.0 with ISDN**- the configuration and maintenance of the IP Telephony Gateway (ITG) card is through the “ITG ISDN Trunks” application in MAT 6.67.04 or later or OTM 1.0.
- **Corporate Directory functionality** (one of the M3900 Digital Telephone Enhancements) - the configuration and maintenance of Corporate Directory requires MAT 6.67.07 or OTM 1.0. For existing MAT 6.67.04 sites, and up-issue to MAT 6.67.07 is required for Corporate Directory.
- **ITG Line Side & i2004 Internet Telephones** - the configuration and maintenance of the IP Telephony Gateway (ITG) IPE card is through the “ITG IP Phones” application in MAT 6.67.07 or OTM 1.0.
- **Option 11C/Mini IP Expansion** - MAT 6.67.07 Plus update disk or MAT 1.01 is required to support ITGL card in the Expansion cabinet in survival mode.

NOTE:

OTM 1.01 (Optivity Telephony Manager for Meridian) is a system management software product that provides a single point of connectivity to multiple Meridian 1 voice switches, Meridian Mail systems, and other applications.

OTM supports connectivity over serial, dialup/PPP, or Ethernet.

For more information about OTM 1.x, Release 25 Features that Require System Management please refer to the OTM 1.01, OTM 1.1 and OTM 1.2 General Release Bulletin when available.

2.10 Migration Pathways

2.10.1 Software Conversion

For Options 51C, 61C, 81, 81C, and 81C with CP PII direct software conversion is supported to X11 Release 25 from the following releases:

- X11 Release 19, 20, 21, 22, 23, 24

For Option 11C, automatic conversion is supported directly to X11 Release 25 from the following releases:

- X11 Release 16, 18, 20, 21, 22, 23, 24

For Option 11C Mini, automatic conversion is supported directly to X11 Release 25 from the following release:

- X11 Release 24

For more information on software conversion; refer to Upgrade and Conversion Procedures Document NTP [553-2001-320].

2.10.2 M3900 Digital Telephone Enhancements

The M3900 Digital Telephones have a Flash Memory download capability that allows downloading a new firmware version from the Meridian 1 to the M3900 telephone.

Firmware migration is supported using Flash download from:
Release 1 M3900 sets (X11 Release 24), to Release 3 (Release 25.40).
Release 2 M3900 sets (X11 Release 25.10, 25.15 and 25.30) to Release 3 (Release 25.40).

Additional migration information related to M3900 Series Enhancements can be found in M3900 Digital Telephone Phase III Product Bulletin.

3 Small System Advisements

The following advisements are for small systems (Option 11C and 11C Mini) only.

3.1 Small System Controller and Memory Requirements

3.1.1 Option 11C Mini

The Option 11C Mini comes with 48Mb Total Memory (32 Mb Program Store and 16 Mb C-Drive space) on the Mini System Controller in order to run Rls 25 software. The supported Release 25 System Controller card for Option 11C Mini:

- NTDK97AB or higher (48 Meg - no memory upgrade needed) Mini System Controller (MSC)
- NTDK20EA or higher Small System Controller (SSC) for Option 11C Mini Main cabinet and IP Expansion chassis when using IP Expansion.(Rls 25.30 or later)

Please ensure that you have upgraded the bootcode on the MSC to NTDK34FA Rel 06 or higher.

Refer to NTP Upgrades Guide - Chapter 15 Use the flash boot ROM utility.

3.1.2 Option 11C

Software Daughter Board Requirements

The Option 11C requires a 48Mb Total Memory (32 Mb Program Store and 16 Mb C-Drive space) in order to run Release 25 Software. This requirement is met with the NTTK13AA or NTTK25AA blank Software Daughterboards.

New orders will receive the new NTTK25AA blank software daughterboard. This card is applicable for software release 25.30 or higher.

A system upgrading to Release 25 must replace its NTDK21 (32 Mb) or NTDK81 (40 Mb) based software daughterboard, with an NTTK13AA or NTTK25AA (48 Mb) daughterboard.

Please ensure that you have upgraded the bootcode on the SSC prior to upgrading the software daughterboard. To verify the size of the software daughterboard and for installation instructions, refer to NTP upgrade manual Chapter 9.

System Controller Card Requirements

The supported Release 25 System Controller card for Option 11C:

- NTDK20CA or higher Small System Controller (SSC)
- NTDK20EA or higher Small System Controller (SSC) for Option 11C main cabinet when using IP Expansion and NTDK20CA or higher for each Expansion cabinet.(Release 25.30 or later)

An existing Option 11C system equipped with a controller card NTDK20AB can be upgraded to an NTDK20CA with a field upgrade kit NTDK19AA.

As of October 2001, the controller card provided is NTDK20FA.

3.2 Software Delivery

3.2.1 Option 11C Mini

- Pre-Programmed Mini System Controller (MSC) for new systems
- PCMCIA Card for upgrades
- Electronic Software Distribution (ESD)*

3.2.2 Option 11C

- Software daughterboard for new systems
- PCMCIA card for upgrades
- Electronic Software Distribution (ESD)*

* Please Refer to [Appendix B] for more information related to Electronic Software Delivery for Small Systems via Nortel Network's Customer Support website.

3.3 Software Conversion

3.3.1 Option 11C

Automatic conversion is supported directly to X11 Release 25 from the following releases (Note - not all releases were made available in all markets):

- X11 Release 16, 18, 20, 21, 22, 23, 24

3.3.2 Option 11C Mini

Automatic conversion is supported directly to X11 Rls 25 from X11 Rls 24.

3.4 Upgrades to Release 25 from Option 11/11E

The Option 11/11E systems running on pre-Release 22 software require a hardware upgrade to Option 11C in order to support Release 25. The Option 11C system offers a menu driven installation and upgrade method. Please refer to Option 11C Installation and or Upgrade Procedures Guide for additional information. Please read the Option 11C NTPs thoroughly before performing any hardware/software changes. All upgrade procedures should be strictly followed step by step.

3.5 Upgrades to Release 25 for Option 11C

The Boot Code on the SSC requires updating before upgrading software to Release 25.40. Refer to the "Small Systems Memory Requirements for Release 25" earlier in this Chapter for the requirements. Updating of the SSC Boot Code is a manual process that uses the Flash Boot ROM Utility. Refer to NTP 553-3021-250 Upgrade procedures, Chapter 13.

3.6 Upgrades to Release 25 for Option 11C Mini

Option 11C Mini was introduced with Release 24 on the NTDK97AA in Asia Pacific and EMEA. This vintage of the Mini System Controller does not have sufficient memory for Release 25. To upgrade to Release 25 the minimum vintage of MSC is NTDK97AB or higher.

The Boot Code on the MSC requires updating before upgrading software to release 25. Refer to the "Small System Memory Requirements for Release 25" earlier in this chapter for the requirements.

Updating the MSC Boot code is a manual process that requires a PCMCIA card programmed with R25. The upgrade is done using the Flash Boot ROM Utility in LD 143.

Refer to NTP 553-3021-250 Upgrade Procedures Chapter 13.

3.7 Basic Configuration Data

On Release 22.08, the "Basic Configuration" default data option provided only a configuration record and no other customer data. With X11 Release 22.16 and later, the "Basic Configuration" data option is expanded to include default data such as XPECs, Superloops, and other default data blocks. It doesn't include Model sets, routes, TN's etc. For complete default data including model sets etc., choose the Pre-Configured data option.

3.8 Use of BKO command in LD 43

The BKO command is used to backup the customer data to an external data card (blank PCMCIA card) located in slot "B" on the CPU faceplate.

Warning: If the pre-programmed software PCMCIA card is used during BKO operation, the card cannot be used to install software without first removing the backup data, reformatting the disk, and reprogramming with the appropriate software.

3.9 Backwards Compatible Daughterboard - NTDK26

The backward compatible daughterboard allows Option 11/11E/11C two cabinet (copper) systems to be upgraded to Release 25 maintaining copper connectivity.

The NTDK26 has a hardware key that prevents installation when the ethernet jumper (J7) is installed.

The ethernet jumper plug (J7) on the NTDK20 (Small System Controller) pack **MUST** be removed before the NTDK26 daughterboard is installed.

Note: Ethernet is not supported in this configuration

4 Large System Advisements

4.1 Call Processor Memory Requirements

4.1.1 Call Processor CP2 (68040), CP3 (68060), CP4 (68060E)

Release 25 Minimum Memory Requirements for CP2 (68040), CP3 (68060), or CP4 (68060E) processors:

Release 25 supports Motorola based Call Processors CP2 (68040), CP3 (68060) and CP4 (68060E) as well as Call Processor CP PII (for Option 81C only). 68030 Call Processors are not supported on Release 25.

Systems operating on Motorola based Call Processors must meet the following minimum Flash and DRAM memory requirements.

| System | Flash Memory Requirement | DRAM Memory Requirement | Total Memory | Applicable Region |
|--|--------------------------|-------------------------|--------------|-------------------|
| Option 51C/61C | 32 MB | 48 MB | 80 MB | NA & EMEA |
| Option 51C/61C with (CP3, CP4 only) | 64MB | 80MB | 144 MB | CALA |
| Option 81C on 68060/68060E with 5 or less Network Groups, or Option 81C on 68040 | 32 MB | 64 MB | 96 MB | NA & EMEA |
| Option 81C on 68060/68060E with 6 or more Network Groups | 32MB | 80 MB | 112 MB | NA & EMEA |
| Option 81C on 68060/68060E with 6 or more Network Groups | 64MB | 80 MB | 144 MB | AP |
| Option 81/ 81C on 68060/68060E any number of Network Groups. | 64MB | 80MB | 144 MB | CALA |

Release 25 Recommended Memory Requirements for CP4 (68060E) Processors:

| System | Flash Memory Requirement | DRAM Memory Requirement | Total Memory | Applicable Region |
|---|---------------------------------|--------------------------------|---------------------|--------------------------|
| Option 51C/61C | 64 MB | 64MB | 128 MB | Global |
| Option 81/ 81C (with or without Fiber Network Fabric) | 64 MB | 96 MB | 160 MB | Global |

New Release 25 systems will ship with Call Processor CP4 (68060E) with the recommended memory configurations as shown in the table above. Call Processors CP1 (68030) and CP2 (68040) have been market retired and are no longer orderable. CP3 (68060) is also market retired in NA, AP and CALA markets.

Note *: Option 51C is no longer be sold as a new system, however software only upgrade to 25.40 will be available to existing Option 51C

Memory Upgrade

NTZC75 DRAM Memory Upgrade Kit supports 32 MB DRAM memory upgrade of Call Processors CP2 (68040), CP3 (68060) and CP4 (68060E). This kit contains one 32 MB DRAM SIMM and supports the memory upgrade of one call processor.

NTZC76 Flash Memory Upgrade Kit supports 32 MB Flash memory upgrade of Call Processors CP2 (68040), CP3 (68060) and CP4 (68060E). This kit contains Two 16 MB Flash modules.

NTZC77 kit contains the anti-static mat ESD wrist-strap, and instruction video which is required to perform a memory upgrade; NTZC77AA is not required if the distributor/customer already possesses the anti-static mat wrist-strap and video.

4.1.2 Call Processor CP PII

For Option 81C Systems on Call Processor CP PII:

Release 25.40

Option 81C CP PII with 5 or less network groups can continue to use DRAM 128 MB when upgrading to Release 25.40.

Option 81C CP PII with 6 or more network groups MUST upgrade their DRAM to 256 MB when upgrading to Release 25.40.

Release 25 Minimum and Recommended Memory Requirements for CP PII:

| System | Flash Memory Requirement | DRAM Memory Requirement | Total Memory | Applicable Region |
|--|--------------------------|-------------------------|--------------|-------------------|
| Option 81C CP PII With 5 or fewer Network group Release 25.15/25.30 | N/A | 128 MB | 128 MB | Global |
| Option 81C CP PII With 5 or fewer Network group Release 25.40 | N/A | 128 MB | 128 MB | Global |
| Option 81C CP PII With 6 or more Network group With Rls 25.40 or later | N/A | 256 MB | 256 MB | Global |

Option 81C new systems will ship with CP PII (256-MB) with the introduction of Release 25.40.

4.2 Upgrading to X11 Release 25.40

For hardware upgrades that require (or elect) call processor upgrades, Call Processor CP4 (6860E) is available for Option 61C, 81/81C systems.

Where the processor upgrade is to the CP4 (68060E), suggested memory configurations for Call Processor CP4 (68060E) are as per recommended memory configurations in Section 4.1.1

4.3 Software Delivery

Release 25 Software will be shipped via CD-ROM media only. This means that Release 25 requires an IODU/C (NT5D61) on a system operating with Call Processor CP2 (68040), CP3 (68060) or CP4 (68060E).

For an Option 81C system equipped with Call Processor CP PII, Release 25 requires a cPCI Multi-Media Disk Unit (NT4N43). The Multi-Media Disk Unit is automatically included with an upgrade to Call Processor CP PII.

Release 25 software and related documentation such as General Release Bulletins can be downloaded from the Software Downloads link via Nortel Network's Customer Support web site.

Refer to APPENDIX [B]: "Electronic Software Distribution (ESD)", of this document, for more details.

4.4 Call Processor CP PII – 256MB Memory Upgrade- Rls 25.40

The CP PII memory enhancement feature increases the memory to 256MB for new system and allows existing systems to upgrade their memory To upgrade existing CP PII (128MB) hardware; a 256MB memory upgrade kit shall be used with the following order codes:

256 MB CP PII memory upgrade Kit for one CPU only - NT4N19AA / A0856417

Two memory upgrades kits are required to upgrade a system, this feature will not support true redundant mode in a mixed-memory configuration.

Upgraded CP PII CPU Board (A0786611 or A0810496) from 128MB to 256MB will be coded with - NT4N64AA Rel 01

All new CP PII CPU (256MB) will be NT4N64AA Rel 02 / A0844698

CP PII with 256 MB of memory requires X11 Release 25.40 Software, and cannot be used with Release 25.30 or earlier releases.

4.5 Large System New Global Clock Controller - NTRB53

The NTRB53 Global Clock Controller will replace the QPC471H and QPC775F in new Option 61C and 81C systems.

Existing Clock Controllers QPC471 & QPC775 will continue to function with X11 Software Release 25.40, the new clock controller is not mandatory with Release 25.40.

The NTRB53 Clock controller retains existing functionality and software configuration of the clock remains unchanged.

Release 25.40 Software introduces a PSDL object to allow field upgrades of the clock's firmware.

The NTRB53 new clock controller is compatible with Option 51C, 61C, 81C and X11 Releases 19 to 25.

The NTRB53 Clock controller retains existing functionality, but it cannot co-exist with QPC471 or QPC775 in the same system.

The New Clock Hardware will be available after the introduction of Release 25.40.

5 Documentation

5.1 Release 25.40 Documentation Overview

The Release 25 documentation suite has been updated for Release 25.40 to reflect the new content. The changes include:

- What's New for Meridian 1 X11 Release 25.40 Guide - P0942056
This document contains the following information for each of the new features of Release 25.40:
 - Description
 - Operating Parameters
 - Feature Interactions
 - Feature Packaging
 - Feature Implementation
 - Feature Operation

- Meridian Electronic Reference Library (MERL) CD-ROMs will be included with each Release 25.40 software order.
The order code is NTLH19AC -A0859697, it will include the application NTP CD-ROM and the Meridian 1 CD-ROM.
(The Meridian 1 CD-ROM is no longer separately orderable.)
- Meridian IP Telephony Gateway (ITG) Line2.1 NTP will be part of MERL and will also be available on a separate CD-ROM, the order code for the individual CD-ROM is NTDW81AB - A0868154
- SIPE (DPNSS & MISP) content changes (post Release 25.30) will be added to the appropriate Option 11C and Option 11C Mini guides.
- CPP & FNF information that was in standalone NTP's for Rls 25.15 & Rls 25.30 has been rolled into the appropriate NTP's in the main suite.
- Library Navigator Release 25.40 (P0942452)
- There is one new coil NTP and four new binder NTPs added to the library:
 - Meridian/Succession Systems Remote Office Guide (Binder)
 - Meridian/Succession Systems Internet Application and Terminals description Guide (Binder)
 - Meridian/Succession Systems Integrated Applications Guide (Binder)
 - Meridian Telephone and Console Description reference Guide (Binder)
 - Meridian /Succession Internet Terminals Description Guide (Coil)

The following items are discontinued with Release 25.40:

- Condensed library
- Spiral binding of I/O Guides
- Meridian 1 CD-ROM NTP (MERL CD-ROM includes Release 25.40 information)
- CP PII Guide (Merged into the appropriate documents in the Reference Library)
- FNF Guide (Merged into the appropriate documents in the Reference Library)
- Meridian 1 X11 Task System Programming guide.
- Meridian 1 X11 Task Fault Clearing task guide.

5.2 Documentation Order Codes

Release 25 Meridian 1 CD-ROM

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|----------------------------|----------------------------|
| Meridian Electronic Reference Library [MERL] Option 11C-81C | NTLH19AB A0835745 | NTLH19AC A0859697 |
| Meridian IP Telephony Gateway [ITG] line. | NTDW81AA A0806119 | NTDW81AC A0870183 |

Option 11C and 11C Mini Release 25 Documentation [English]

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|-------------------------------|------------------------------|
| Option 11C English - Coil Package | NTTK31AC A08185245 | NTTK31AD A0872793 |
| System Security Management | N/A P0913527 | N/A P0949474 |
| Option 11C Planning and Installation | N/A P0915838 | N/A P0985656 |
| Option 11C and 11C Mini Fault Clearing Guide | N/A P0915839 | N/A P0915839 |
| Option 11C and 11C Mini Central Answering Position Guide | N/A P0910772 | N/A P0910772 |
| Option 11C and 11C Mini Customer Controlled Back-up and Restore Guide | N/A P0910773 | N/A P0910773 |
| Option 11C and 11C Mini Upgrade Procedures Guide | N/A P0915840 | N/A P0949475 |
| Input/Output Administration Guide | N/A P0915832 | N/A P0942453 |
| Input/Output Maintenance Guide | N/A P0915833 | N/A P0942455 |
| Input/Output System Messages Guide | N/A P0915834 | N/A P0942454 |
| Option 11C Survivability | N/A P0919734 | N/A P0949476 |

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|------------------------------|------------------------------|
| Option 11C Mini English - Coil Package | NTKG80CG A0818640 | NTKG80CH A0872530 |
| System Security Management | N/A P0913527 | N/A P0949474 |
| Option 11C Mini Planning and Installation | N/A P0910788 | N/A P0910788 |
| Option 11C and 11C Mini Fault Clearing Guide | N/A P0915839 | N/A P0915839 |
| Option 11C and 11C Mini Central Answering Position Guide | N/A P0910772 | N/A P0910772 |
| Option 11C and 11C Mini Customer Controlled Back-up and Restore Guide | N/A P0910773 | N/A P0910773 |
| Option 11C and 11C Mini Upgrade Procedures Guide | N/A P0915840 | N/A P0949475 |
| Input/Output Administration Guide | N/A P0915832 | N/A P0942453 |
| Input/Output Maintenance Guide | N/A P0915833 | N/A P0942455 |
| Input/Output System Messages Guide | N/A P0915834 | N/A P0942454 |

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|--|------------------------------|------------------------------|
| Option 11C Mini Fiber Expansion Package - English | NTTK38AC A0818527 | NTTK38AD A0874342 |
| Option 11C Mini Planning and Installation | N/A P0910788 | N/A P0910788 |
| Option 11C and 11C Mini Expansion Guide | N/A P0915853 | N/A P0915853 |
| Option 11C Survivability | N/A P0919734 | N/A P0949476 |

Option 11C and 11C Mini Optional Documents

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|--|----------------------------|----------------------------|
| Option 11C and 11C Mini Technical Reference Guide - English | N/A P0915854 | N/A P0942448 |
| Option 11C ISDN BRI Hardware, installation and Maintenance - English | N/A P0915857 | N/A P0942451 |
| Option 11C 1.5 MB DTI/PRI - English | N/A P0915856 | N/A P0942449 |
| Option 11C 2.0 MB DTI/PRI - English | N/A P0915856 | N/A P0942450 |

Option 11C and 11C Mini Release 25 Documentation [French]

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|------------------------------|------------------------------|
| Option 11C French - Coil Package | NTTK31BC A0818525 | NTTK31BD A0874338 |
| System Security Management | N/A P0918368 | N/A P0949477 |
| Option 11C Planning and Installation | N/A P0915841 | N/A P0949479 |
| Option 11C and 11C Mini Fault Clearing Guide | N/A P0915842 | N/A P0915842 |
| Option 11C and 11C Mini Central Answering Position Guide | N/A P0910780 | N/A P0910780 |
| Option 11C and 11C Mini Customer Controlled Back-up and Restore Guide | N/A P0910781 | N/A P0910781 |
| Option 11C and 11C Mini Upgrade Procedures Guide | N/A P0915843 | N/A P0949480 |
| Input/Output Administration Guide | N/A P0915844 | N/A P0949482 |
| Input/Output Maintenance Guide | N/A P0915845 | N/A P0985658 |
| Input/Output System Messages Guide | N/A P0915846 | N/A P0985659 |
| Option 11C Survivability | N/A P0935783 | N/A P0985664 |

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|--|------------------------------------|------------------------------------|
| Option 11C Mini French - Coil Package | NTKG81CG A0818641 | NTKG81CH A0875555 |
| System Security Management | N/A P0918368 | N/A P0949477 |
| Option 11C Mini Planning and Installation | N/A P0910789 | N/A P0910789 |
| Option 11C and 11C Mini Fault Clearing Guide | N/A P0915842 | N/A P0915842 |
| Option 11C and 11C Mini Central Answering Position CAP Guide | N/A P0910780 | N/A P0910780 |
| Option 11C and 11C Mini Customer Controlled Back-up and Restore CCBR Guide | N/A P0910781 | N/A P0910781 |
| Option 11C and 11C Mini Upgrade Procedures Guide | N/A P0915843 | N/A P0949480 |
| Input/Output Administration Guide | N/A P0915844 | N/A P0949482 |
| Input/Output Maintenance Guide | N/A P0915845 | N/A P0985658 |
| Input/Output System Messages Guide | N/A P0915846 | N/A P0985659 |

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|------------------------------------|------------------------------------|
| Option 11C Mini Fiber Expansion Package - French | NTTK38BC A0818528 | NTTK38BD A0874343 |
| Option 11C Mini Planning and Installation | N/A P0910789 | N/A P0910789 |
| Option 11C and 11C Mini Fiber Expansion Guide | N/A P0915852 | N/A P0915852 |
| Option 11C Survivability | N/A P0935783 | N/A P0985664 |

Option 11C and 11C Mini Optional Documents – Coil-[French]

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|------------------------------------|------------------------------------|
| Option 11C and 11C Mini Technical Reference Guide - French | N/A P0915848 | N/A P0985660 |
| Option 11C ISDN BRI Hardware, installation and Maintenance - French | N/A P0915851 | N/A P0985663 |
| Option 11C 1.5 MB DTI/PRI Reference Guide – French | N/A P0915849 | N/A P0985661 |
| Option 11C 2.0 MB DTI/PRI – French | N/A P0915850 | N/A P0985662 |

Option 51C to 81C Release 25 Documentation [English]

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|--|------------------------------------|------------------------------------|
| Global Meridian 1 Reference Library | NTLH02AB A0828803 | NTLH02AC A0859721 |
| Meridian 1 X11 Release 25 Library Navigator | N/A P0934461 | N/A P0942452 |
| What's New guide- Release 25.40 | N/A P0919733 | N/A P0942056 |
| Meridian 1 X11 Release 25 Planning and Engineering | NTLH03AA A0804746 | NTLH03AB A0859742 |
| Meridian 1 X11 Release 25 System installation | NTLH04AA A0804747 | NTLH04AB A0859756 |
| Meridian 1 X11 Release 25 System Maintenance | NTLH04AA A0804747 | NTLH04AE A0859838 |
| Meridian 1 X11 Release 25 Upgrade and Conversion Procedure | NTLH05AA A0804748 | NTLH05AB A0859763 |
| Meridian 1 X11 Release 25 Remote Services Products Guide | NTLH06AA A0804749 | NTLH06AB A0859769 |
| Software Feature Guide | NTLH08AA A0804751 | NTLH08AB A0859771 |
| Software System Management | NTLH10AA A0804757 | NTLH10AB A0859794 |
| Software Networking | NTLH11AA A0804767 | NTLH11AB A0859795 |
| Meridian 1 X11 Release 25 Software Meridian Data Services | NTLH12AA A0804771 | NTLH12AB A0859796 |
| Meridian 1 X11 Release 25 Software Automatic Call Distribution | NTLH13AA A0804775 | NTLH13AB A0859798 |
| Hospitality | NTLH14AA A0804777 | NTLH14AB A0859799 |
| Attendant PC Guide | N/A | NTLH15AB A0884082 |
| Input/Output Administration Guide | N/A P0915832 | N/A P0942453 |
| Input/Output Maintenance Guide | N/A P0915833 | N/A P0942455 |
| Input/Output System Messages Guide | N/A P0915834 | N/A P0942454 |

Individual Coil Guides

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|--|----------------------------|----------------------------|
| Meridian 1 X11 Release 25 Library Navigator | N/A P0934461 | N/A P0942452 |
| Input/Output Administration Guide | N/A P0915832 | N/A P0942453 |
| Input/Output Maintenance Guide | N/A P0915833 | N/A P0942455 |
| Input/Output System Messages Guide | N/A P0915834 | N/A P0942454 |
| System Security Management | N/A A0913527 | N/A P0949474 |
| Meridian 1 X11 Integrated Voice Services | N/A P0909573 | N/A P0909573 |
| Meridian 1 X11 Release 25 Guide for the UK Option 11C-81C | N/A A0912437 | N/A P0912437 |
| Meridian 1 X11 Release 25 NT5D61 IODU/C Reference Guide | N/A P0912861 | N/A P0912861 |
| Meridian 1 X11 Release 25 Call Processor Card Field Memory Upgrade | N/A P0912862 | N/A P0912862 |
| Meridian 1 X11 Release 25 mini Carrier Remote Description, Installation and Operation | N/A P0914209 | N/A P0914209 |
| Meridian 1 X11 Release 25 Meridian Integrated Conference Bridge Description, Installation administration and Maintenance | N/A P0912865 | N/A P0912865 |
| Meridian 1 X11 Release 25 Meridian Integrated RAN Description, Installation and Operation | N/A P0912866 | N/A P0912866 |
| Meridian 1 X11 Release 25 Meridian Integrated Personal Call Director | N/A P0914163 | N/A P0914163 |
| Meridian 1 X11 Release 25 Meridian Integrated Personal Call Assistance | N/A P0914162 | N/A P0914162 |
| Meridian 1 X11 Release 25 Meridian Branch Voice 1.0 Description, Installation and Operation | N/A P0912867 | N/A P0912867 |
| Meridian 1 X11 Release 25 Meridian Internet Telephony Gateway [ITG] Trunk 1.0 Basic pre-Trunk Signaling Description, Installation and Operation | N/A P0912863 | N/A P0912863 |
| Meridian 1 X11 Release 25 Meridian Internet Telephony Gateway [ITG] Trunk 2.0/ISDN Signaling Link [ISL] Port Description, Installation and Maintenance | N/A P0912540 | N/A P0912540 |
| Meridian 1 X11 Meridian Internet Telephony Gateway [ITG] Line Card 1.0 IP Telecommuter Description, Installation and Operation | N/A P0912864 | N/A P0912864 |

Introductory Task Guides

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|--|----------------------------|----------------------------|
| Meridian 1 X11 Task Basic Telecom Management Guide | N/A P0912434 | N/A P0912434 |
| Meridian 1 X11 Task Network Planning Guide | N/A P0912435 | N/A P0912435 |

Optional Documents - Binders

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|----------------------------------|----------------------------|----------------------------|
| Meridian 1 X11 Release 25 DPNSS1 | NTKF79AA A0788073 | NTKF79AB A0859800 |
| Meridian 1 X11 Release 25 DASS2 | NTKF92AA A0788088 | NTKF92AB A0859801 |

New Documents with Release 25.40

| Description | Rls 25.40 PEC CPC Codes |
|--|----------------------------|
| Meridian / Succession Systems Remote Office Guide | NTLH02AF A0860307 |
| Internet Applications and Terminals Description Guide | NTLH02AH A0860309 |
| Meridian 1 X11 Release 25 Meridian Integrated Applications | NTLH02AJ A0860311 |
| Meridian 1 X11 Release 25 Telephones and Console Description Reference Guide | NTLH02AG A0860308 |
| Internet Telephony Gateway [ITG] Line 2.2 Card Description, Installation and Operation | N/A P0986457 |
| Internet Terminals Description Guide | N/A P0986458 |

Release 25 Documentation individual Coil - [French]

| Description | Rls 25.40 PEC CPC Codes |
|---|------------------------------------|
| What's New X11 Release 25.40 - French | N/A P0943404 |
| Meridian 1 X11 Release 25 System Overview - French | N/A P0986840 |
| Meridian 1 X11 Release 25 Software Conversion Procedure - French | N/A P0986837 |
| Software Security Management- French | N/A P0949477 |
| Meridian 1 X11 Release 25 General Maintenance Information- French | N/A P0986843 |
| Meridian 1 X11 Release 25 System Installation Procedure - French | N/A P0986842 |

Data Sheets

| Description | Rls 25.30 PEC CPC Codes | Rls 25.40 PEC CPC Codes |
|---|----------------------------|----------------------------|
| Meridian 1 X11 Release 25 Data sheet Note: Data sheets are not available in all regions. | N/A P0907149 | N/A P0944014 |

Retired Documents for Meridian 1 X11 Release 25.40

| Description | Rls 25.30 PEC CPC Codes | Note |
|--|----------------------------|---|
| Meridian 1 X11 Release 25 Software Input/Output Guides | NTLH09AB A0818140 | Binding will be done in binder only (no spiral) |
| Global Release 25 CD-ROM Meridian 1 Reference Library Option 11C-81C | NTLH01AC A0828806 | MERL CD includes Release 25.40 information |
| Meridian 1 X11 Release 25 Meridian Condensed Library | NTLH17AB A0828804 | Discontinued. |
| Meridian 1 X11 Release 25 Call Processor PII Reference Library | NT5F36AA A0786997 | Included in Meridian 1 Reference Library |
| Meridian 1 X11 Release 25 Fiber Network Fabric FNF Reference Guide | NT5F37AA A0786998 | Included in Meridian 1 Reference Library |
| Meridian 1 X11 Release 25 Call Processor PII, FNF Description, Installation and Administration Guide | N/A P0914249 | Included in Meridian 1 Reference Library |
| Meridian 1 X11 Release 25 Call Processor PII, FNF Software Upgrade Guide | N/A P0914248 | Included in Meridian 1 Reference Library |
| Meridian 1 X11 Release 25 Task System Programming Guide | N/A P0912433 | Discontinued. |
| Meridian 1 X11 Release 25 Task Fault Clearing Guide | N/A P0912436 | Discontinued. |

6 Software ISM & Packaging Changes

6.1 Software ISM

6.1.1 New ISM Counters

With the introduction of X11 Release 25.10, there were Six new ISM Parameters and Two changed ISM parameters for all systems.

There was one new ISM in Rls 25.30 for small systems only.

Release 25.40 introduces one new ISM Parameter.

Release 25 ISM Parameters

| ISM Parameter | Systems | Release Introduced |
|--|---|------------------------------------|
| ITG ISDN Trunks | All | 25.10 |
| Internet Telephones* NTZC82AA / A0804340 NTZC84AA / A0808998 | All [Large system] [Small system] | 25.15 + Patches Or 25.30 + MDCS |
| Attendant Consoles | All | 25.10 |
| Wireless Visitor “Not applicable to North America” | All | 25.40 |
| CLASS Telephones | All | 25.10 |
| Phantom Ports | All | 25.10 |
| Data Ports | All | 25.10 |
| Traditional Trunks | All | 25.10 |
| Analogue Telephones | All | Changed with 25.10 |
| Digital Telephones | All | Changed with 25.10 |
| Survivability NTSF8720 / A0784530 | Small system Only | 25.30 |

Note: Internet Telephones ISM Parameter is used for both i2004 and i2050
EMEA introduced Internet Telephones ISM Parameter with Rls. 25.15.

6.1.2 Changes to Existing ISM Counters

Release 25.10 changes

Counting of the existing two ISMs, ANALOGUE TELEPHONES and DIGITAL TELEPHONES are changed. CLASS sets are excluded from counting as ANALOGUE TELEPHONES. Data Ports configured in Overlay 10 are excluded from counting as ANALOGUE TELEPHONES. Data Ports configured in Overlay 11 are excluded from counting as DIGITAL TELEPHONES. These counters are set to 32767 for large systems and 2500 for small systems.

The D-Channel Expansion feature introduced in Rls 25.10 supports up to 255 (0-254) D-Channels per system for Option 81 and 81C machines; therefore, the maximum value of **DCH ISM** is 255.

Release 25.40 ISM Parameters changes (Small Systems –North America & CALA)

Release 25.40 or higher software provides the TMDI_D-Channel ISM defaulted to 64 so the separately orderable code (NTSF8730) is not required when ordering the TMDI Hardware Package - 1.5MB DTI/PRI (NTSF6800).

The maximum value for the TMDI_D-Channel ISM is 64.

Customers on Release 24.24 - Release 25.30 will still need to order the applicable TMDI Software package to increment the ISM parameter by one (1) per package.

The NTRB21AA TMDI card provides DTI/PRI functionality. The NTSF6800 package containing an NTRB21AA is compatible with X11.24.24 or higher software.

6.2 Software Packages

The following tables provide a list of the New and Enhanced Packages introduced in Release 25.40 and Release 25.30, their mnemonics, and their package numbers.

New Packages

| Package Name | Package Number & Mnemonic | X11 Software Release | Supported System |
|-----------------------------------|--|----------------------|---------------------------|
| IP Connectivity | 295 IPEX (Standard package in EMEA in Release 25.40) | 25.30 | Option 11C & 11 Mini only |
| Attendant Announcement | 384 ATAN | 25.40 | All |
| Priority Network Override | 389 PONW | 25.40 | All |
| NI-2 Name Display | 385 NDS | 25.40 | All |
| M3900 Productivity Enhancements | 386 M3900 PROD-ENH | 25.40 | All |
| M3900 Virtual Office Enhancements | 387 VIRTUAL-OFFICE-ENH | 25.40 | All |
| ACD DN Expansion | 388 ACDE | 25.40 | Option 81C CP PII only |

Enhanced Packages

| New Feature | Package Number | Mnemonic | Package Name | Supported System |
|---|----------------|----------------|-----------------------------|---|
| - Dynamic PSDL. - Keycode Enhancement. - CP PII Memory Enh. - New Large system Global Clock controller - ITGL 2.2 & i2050 - M3900 Phase III Enh. | 0 | BASE | Base Software | -All -All - 81C CP PII -Option 51C &61C&81C. -All -All |
| NI-2 B-Channel Service Messaging. | 291 | NI-2 | NI-2 TR-1268 Interface | All |
| Refine Corporate Directory Search | 381 | CDIR | M3900 Corporate Directory | All |
| Virtual Office Speed Dial Capabilities | 382 | VIRTUAL_OFFICE | M3900 Virtual Office | All |
| QSIG Message Waiting Indicator | 305 | QSIG-GF | QSIG Generic Functioning | All |
| - QSIG Message Waiting Indicator. - QSIG Call Completion &Call Diversion Interaction Enhancement. - Redirecting Name Display Enhancement for QSIG Call Rerouting. - CLID Enhancement for QSIG Call Diversion | 316 | QSIG-SS | QSIG Supplementary Services | -All -All -All -All |

7 Feature Overview

7.1 Release 25.40 Features Summary

The following list of features is the preliminary content list for Release 25.40. Please note that individual features may be added or deleted from this list depending upon development, market, or testing conditions.

QSIG Product Improvements:

QSIG Call Completion and Call Diversion Interaction Enhancement:

This product improvement provides for QSIG – MCDN and QSIG-QSIG gateways, the capability of employing Call Completion (CCBS and CCNR) when QSIG Call Diversion occurs.

CLID Enhancement for QSIG Call Diversion:

This product improvement provides for QSIG GF interfaces, the capability of displaying the correct CLID on the calling user's set when the diverted-to user set is rung during QSIG call diversion.

Redirecting Name Display Enhancement for QSIG Call Rerouting:

This product improvement provides for QSIG GF interfaces, the capability of displaying the redirecting name on the diverted-to user's set, during QSIG Call Diversion due to Call Rerouting algorithm, when the originating and diverted-to user's are present on the same node.

QSIG Message Waiting Indication

QSIG Message Waiting Indication allows Meridian 1 users, connected to a voice mail system on another vendor's PBX, to get a message waiting indication. This feature provides a means to pass the Message Waiting Indicator across a private QSIG network with Meridian and other vendors' PBXs. In the same way the feature allows a Meridian Mail hosted at a Meridian 1 switch to serve third party PBX users across a QSIG network.

ACD DN/CDN Expansion

The Automatic Call Distribution Directory Number/Control Directory Number (AC DN/CDN) Expansion feature (ACDE Package 388) increases the allowable number of ACD DNs and/or CDNs on a Meridian 1 Option 81C CP PII system from 240 to a maximum of 1000 for each customer. The number of customer groups remains at 100 and the system level total of configurable ACD DN/CDNs remains the same at 24,000.

Attendant Announcement

X11 Release 25.40 introduces the Attendant Announcement feature (AANN Package 384) delivers a pre-recorded message for calls terminated on the attendant, attendant queue, redirected to the attendant or night station. The Attendant Announcement feature provides different announcements based on the state of the call:

- Announcement when terminating to the Attendant (ANAT).
- Announcement when Night service is activated (ANNS)
- Announcement when Call forward No answer to the Attendant (ANFA).
- Announcement when Call forward Busy to the Attendant (ANFB).
- Announcement when Slow Answer Recall to the Attendant (ANSR).
- Announcement on Attendant Extended Calls (ANXC).
- Announcement when overflowed or forwarded (ANOF) if customer uses the Attendant Overflow Position (AOP) or Attendant Alternative Answer (AAA) features.

NI-2 Name Display Supplementary Service

Extend the Meridian 1 capability to support Name Display Information Elements from the public network on the National ISDN-2 NI-2 PRI interface and Display the calling name on incoming calls on the terminating set. As well, Meridian 1 will be able to send the Name Display IE's to the CO for delivery to the far end on private network links.

NI-2 B-Channel Service Messaging

This feature provides B-channel availability control on the NI-2 interface. With this feature service messages communicate B-Channel status changes to the far end. This feature provides the following enhancements:

- Increases B-channel availability
- Increases throughput on PRI service
- Reduce line degradation and number of lost calls
- Minimized the number of repeated calls on an out of service B-channel

ITG Line side 2.2 & i2050 Software IP Phone

The i2050 Software IP Phone is Windows-Based application that makes your desktop computer a powerful tool for unified voice, data and video communications.

The i2050 Software Phone supports the following:

- Traditional telephony features such as Call origination, Call Termination, Conference, Transfer, Hold, and Message waiting indication.
- Dedicated Hold, Release, Answer, Volume, Mute, Navigation and Message Waiting indication keys.
- Macro functions for programming lengthy dialing patterns.
- Powerful directory capabilities; locally stored on the PC or linked to external directories such as LDAP, Outlook, and ACT.
- DHCP- compliant services.
- Nortel Networks USB Audio Kit.
- “One-click” direct dialing from various windows and applications.
- Online help with full index search capabilities.

Survivable IP Expansion – MISP Support & DPNSS

Enable an MISP card to be supported in an Option 11C/11C Mini Survivable IP Expansion cabinet.

Auto Negotiation for SIPE

This enhancement creates a prompt in LD 117 that allows the user to turn on/off auto negotiation. The ability to control Auto negotiation on the Meridian 1 will simplify the installation and support routers and switches where auto-negotiation is turned on.

CP PII Memory Enhancement

Increases the amount of DRAM on the CPP processor from 128 MB to 256 MB. Required for all Release 25.40 and later CP PII Option 81C systems with 6 or more groups.

Large systems New Global Clock Controller

Introduces a new Global clock controller (NTRB53) for Option 51C, 61C, 81 and 81C systems.

The NTRB53 Clock Controller will replace the QPC471H and QPC775F in new systems. Existing Clock Controllers QPC471 & QPC775 will continue to function with X11 Software Release 25.40. The NTRB53 Clock controller retains existing functionality and software configuration of the clock remains unchanged.

Meridian X11 Release 25.40 software introduces a PSDL object to allow field upgrades of the clock's firmware. The NTRB53 new clock controller is compatible with Option 51C, 61C, 81C and X11 Releases 19 to 25.

New Wireless Visitors ISM

Introduces a new ISM for MDECT wireless visitors to differentiate them from "home" users.

Singapore ISDN Enhancement

This feature allows the Meridian 1 to interwork properly with Nokia CO switch for the Singapore ISDN interface. It allows the Meridian 1 to automatically restart the ISDN Trunks in the event that the link is torn down and reconnects again.

This Feature is introduced through modification to Singapore Loadware. This feature is available to Singapore Market only.

Network Break-in and Force Disconnect

The Network Break-in and force Disconnect feature allows an analog or digital set to perform the following functions:

- Break in to an established two- party call
- Force disconnect an established two-party call

Priority Levels PLEV's (0 to 7) are configured on a set basis, A set can break in or disconnect an established call only if it has a priority level greater than of the wanted and unwanted parties. This feature introduces Priority Network Override (PONW) Package 389, and available in AP, CALA and EMEA Markets only.

Dynamic PSDL

Dynamic PSDL will split the current PSDL file into 'individual' product loadware files. Meridian 1 will build the PSDL.rec file dynamically during installation from individual product loadware files. Previously the larger PSDL.rec file was included with the software during loadbuild. This will allow for field replacement of individual loadware files as required. It will also eliminate the duplication of loadware files for M39xx language management. With this functionality only 1 PCMCIA card for small systems is required to deliver the entire language file.

DPSDL provides a vehicle to introduce New Loadware to the field if required in a timely manner, without waiting for Software upissue and avoiding all upgrade related issues such as keycode, ordering codes, system management compatibility and applications compatibility.

Prior to the introduction of Release 25.40 (DPSDL Feature) a new X11 Software upissue was required to deliver new loadware upgrade

Keycode Enhancement Feature

The purpose of this enhancement is to modify the dependency between the X11 Software Keycode and the X11 software version release name. Currently, the keycode is linked to the release, issue, and phase letter i.e. 25.27A. .

The Phase letter (a.k.a. subissue) is used for Beta releases of software.

This enhancement will remove the dependency of the keycode to the phase letter and leaves it linked to the keycode to the release and issue number only. This means that a new keycode will not be required to upgrade between Beta sub-issues of software (i.e. from 25.37B to 25.37C, etc.) as long as there are no changes to the other keycode parameters such as ISM parameters limits or package content. A new keycode will be required when upgrading to a different issue, such as the market Release version 25.40, or if other keycode parameters change.

Please note that the large systems keycodes generated for various phases within a release and issue (e.g. 25.37a, 25.37b) will differ from another but will work for any phase.

SDID number as CLID for Euro-ISDN trunk

The SDID functionality will be made available for Euro-ISDN calls with the introduction of Release 25.40. The SDID feature replaces the DN by the DID number of the IDC table in LD 15. This will be enabled for CLID option OPT1 [international calls], OPT2-OPT5 [based on APAC ISDN requirements for international calls]. This enhancement replaces the DN of an analog or digital set or an attendant console with incoming DID-DN. This feature is not applicable to trunks as originator.

PDT Password Enhancement

Allows an authorized Distributor or Nortel Networks Technician to change the diagnostic passwords.

The PDT Password enhancement gives administrators the ability to change the level 1 and level 2 PDT passwords. Currently this capability can only be delivered using patch MPLR13326. Starting with Rls 25.40 this capability is integrated into the software. With release 25.40 this password will need to be set in order to be able to access PDT.

Refer to X11 System Security Management NTP [553-3001-302]

PDT Access log Enhancement

As remote sessions can potentially occur anywhere on a network with access to the Meridian ELAN, this makes problem investigation much more difficult to coordinate.

Potential illegal accesses cannot be easily traced as the offender's login user ID is never output or recorded.

Also, because ELAN accesses are much more popular due to MAT/OTM availability, the file can be filled within hours rather than days.

This enhancement would allow the access log to record the user ID and increase the capacity to handle more entries in the log file.

Refer to X11 System Security Management NTP [553-3001-302]

Release 25.40 Enhanced M3900 Features

Refined Corporate Directory Search

Refined Corporate Directory Search introduces a new “Resume” soft key in the Corporate Directory screen so that the user can resume the keypad entry to enter additional letters to narrow the search further without reentering the letters from the beginning (for M3903, M3904 and M3905).

M3900 CTIA and TAPI

Delivers the M3900 CTIA and TAPI 2.1 service provider (for M3902, M3903, M3904 and M3905).

Headset Support When Handsfree Disabled

Currently, headsets are not supported when handsfree is disabled on an M3900 set. This enhancement will enable end users to use the headset key on their set if the administrator deems it necessary to deny the handsfree class of service (for M3903 and M3904).

Speed Dial Capabilities (Virtual Office)

The current Virtual Office feature enables users to log on to a host set and have their personal profile appear at that set. However, at the present time the configuration of speed call features on a virtual TN is prohibited. The change will be to enable usage of speed dial. (For M3903 and M3904).

Call Forward enhancements

The call forward number is automatically deleted if the user starts entering a new number rather than requiring multiple presses of the delete key (for M3902, M3903, M3904 and M3905).

Password Clear

When the switch issues the Directory/Call Log password reset command, the password is turned off instead of set to "12345678" (for M3903, M3904 and M3905).

Pause in dialing strings

Enables entering 1.5 second pauses in a dialing string. (For M3902, M3903, M3904 and M3905).

31 Digit Predial

Increases number of digits in the dialing strings from 24 to 31 for Call Log, Personal Directory, Redial List, & Predial (for M3902, M3903, M3904 and M3905).

Special Characters

M3900 character set will now include all the special characters defined in the ASCII character set to be used with set-to-set messaging, personal directory, editing feature key labels, etc. (for M3902, M3903, M3904 and M3905).

M3905 Phase III

Delivers most of Release 2 & 3 M3900 features to M3905 with common F/W on M3904 and M3905.

Virtual Office Login Enhancement

Currently only one user can log into Virtual Office at a time, and other users attempting to log in at the same time receive a "system busy, try later" message. This enhancement will increase the number of users that can log on at the same time.

One-button Access Keys

Improvements to the way the Personal Directory, Corporate Directory, Call Log, & Redial List features are accessed (for M3903, M3904 and M3905).

- Call Log and Redial List - One button access via softkeys or feature keys.
- Directory—user can start to conduct a directory search via the dial pad without pressing the Select softkey
- Corporate Directory-Users begin the search without pressing the Select key.

System Initiated Language Selection

M3900 sets on systems in different countries can initialize with a default language other than English. This eliminates the need for system administrators/users to have to go through the language selection option on each set to select a different language (for M3902, M3903, M3904 and M3905).

Set-to-Set Messaging Enhancements

Allows a system administrator to predefine ten messages that can be customized by the administrator to reflect the type of messages most often used by the users. Users can select one message to be sent as their Set-to-Set message and they can edit that one message to whatever they like. The user may only need to modify a small portion of the message to add the correct date/time, etc.. Only one message per set is actually stored in the system. (For M3903, M3904 and M3905)

Erase Callers and Redial List for Virtual Office

Allows the lists to be cleared when a virtual office worker logs out of the host M3900 set (for M3903 and M3904).

Automatic Logout for Virtual Office

Allows the administrator to specify a time in which all idle virtual terminals will be logged out. Also, if a user tries to log into a host terminal, but is still logged into another terminal, the first terminal will be logged out and the user will be allowed to log into the second terminal (for M3903 and M3904).

Full Duplex Handsfree

Delivers a full duplex handsfree cartridge to a new M3904 set.

M3900 Phase 3 Feature/X11 Release 25.40 Compatibility Table

| Feature | Feature Package | M3902 | M3903 | M3904 | M3905 |
|---|------------------------|--------------|--------------|--------------|--------------|
| Call Forward Enhancements | N/A | X | X | X | X |
| Password Clear | N/A | | X | X | X |
| Pause in Dialing Strings | N/A | X | X | X | X |
| 31 Digit Predial | N/A | X | X | X | X |
| Special Characters | N/A | X | X | X | X |
| Refined Corporate Directory Search | N/A | | X | X | X |
| Headset State Support | N/A | | X | X | |
| Speed Dial Capabilities (Virtual Office) | N/A | | X | X | |
| Virtual Office Login Enhancement | N/A | | X | X | |
| Computer Telephony Integration Adapter (CTIA) | N/A | X | X | X | X |
| PC Utility Adapter | N/A | X | X | X | X |
| Full Duplex Handsfree Accessory | N/A | | | X | |
| M3905 Phase 3 set | N/A | | | | X |
| Secondary DN Dialing | N/A | | X | X | X |
| One-button Feature Access Keys | Pkg. 386 | | X | X | X |
| Set-to-Set Messaging Enhancements | Pkg. 386 | | X | X | X |
| System Initiated Language Selection | Pkg. 386 | X | X | X | X |
| Virtual Office Automatic Logout | Pkg. 387 | | X | X | |
| Redial & Callers List Erase (Virtual Office) | Pkg. 387 | | X | X | |

7.2 Release 25.30 Features Summary

Option 11C/Mini IP Expansion

The Option 11C/Mini IP Expansion provides IP interconnection between Option 11C main and expansion cabinets. This IP interconnection enables:

- Increased Digital Trunking Capacity
- Voice Distribution over Campus Data Network via IP Expansion Cabinet
- Survivable Expansion Cabinets

This new feature is applicable to Option 11C and Option 11C Mini systems.

Meridian ITG line-side & i2004 Internet Telephones

The Meridian ITG Line-side offering and i2004 Internet Telephone unifies a number of enterprise-critical communication functions and provides the customer with the benefits of IP Telephony such as simplified management without sacrificing features, reliability or Quality of Service (QoS).

The Meridian ITG Line-side offering and i2004 Internet Telephone was introduced in EMEA with Release 25.15 plus patches.

The Scheduled Electronic Lock (SELK)

The Scheduled Electronic Lock (SELK) enhances of the Electronic Lock Feature.

The Scheduled Electronic Lock feature automatically locks telephone sets at predetermined times. These times are defined in the Scheduled Access Restrictions (SAR) database (Overlay 88). SAR group numbers are also defined in LD 88. A maximum of eight scheduled lock times can be assigned to each group.

Night Service Enhancement for BRI Trunks

Night Service Enhancement for BRI Trunks enhances the functionality of the Night Service feature. Night Service allows calls that are normally directed to the attendant to be routed to another defined destination. With the Night Service Enhancement for BRI Trunks feature, a Night Service DN (NITE) or Night Service Group number (NGRP) can be defined for BRI trunks.

Appendix A: Auxiliary Processor Alignment Release 25.40

| Auxiliary Processor | Compatibility (Release) |
|--|---|
| System Management | |
| Meridian Administration Tools (MAT) | 6.6x is supporting Release 25.30 MAT is Not supported on Rls 25.40 or later |
| Optivity Telephony Manager (OTM) | 1.2 and later |
| Messaging | |
| Call Pilot | 1.x |
| Call Pilot 100/150 for Option 11C/Mini | 1.5 |
| Meridian Mail | 11.xx - 13.xx |
| Meridian Mail Card Option | 11.xx - 13.xx |
| Meridian Mail reporter | 2.x ^a |
| Wireless | |
| Companion DECT | 45000302 or later (Not downloaded from Meridian) |
| Companion | 3.xx - 7.xx (7.xx required for Enhanced Capacity) |
| Wireless IP Gateway | 1.1x |
| Remote Product | |
| 9150 | 1.3 or higher 1.3.4 is M3900 Phase III Concurrent |
| 9110 & 9115 | 1.3.x or higher 1.3.4 is M3900 Phase III Concurrent |
| Meridian Home office MHO-II | 1.18 is supported with Release 25.40, but Not supported with M3900 Phase III |

| Call Center Applications | |
|---|---|
| Meridian MAX [IPEX] | 10.x |
| Meridian MAX [IPE] | 8.7, 9.2, 9.3 |
| Network Administration Center [NAC] | 2.5 ^a |
| Meridian Customer Controlled Routing [MCCR] (Discontinued as of July 2000, SCCS offer the functionality of MCRR) | 3B, 3C ^a |
| Meridian Link [Mlink] (Replaced by Meridian Link Services MLS) | 5, 5C ^a |
| Meridian Link & MCCR Co-residency | 6.0,6.4 |
| Meridian Link Services [MLS] (Part of SCCS, but sold as a separate product to replace Meridian Link) | 4.0,4.2 |
| Symposium Applications & IVR | |
| Symposium Link | 6.x |
| Symposium Agent Greeting | 2.0 |
| Symposium TAPI Service Provider / Symposium Agent | 2.x |
| Symposium Desktop TAPI Service Provider for MCA (Meridian Communicator Adapter) | 1.x – 2.x |
| Symposium Express Call Center [SECC] | 2.x, 3.x |
| Symposium Call Center Server [SCCS] | 3.x, 4.x |
| - | - |
| <p>SCCS 1.5 is a retired product. Customers should be upgrading SCCS to the latest supported release if they plan on running X11Release 25.40. The upgrade sequence varies depending on which X11 Release you are upgrading from.</p> <p>X11 Release 24 and Release 25 Customers who are running SCCS Release 1.5 with X11 Release 24 or earlier versions of X11 Release 25 should upgrade their SCCS prior to upgrading to X11 Rls 25.40.</p> | <p>X11 Release 23 Customers who are running SCCS release 1.5 with X11 Release 23, should upgrade their Meridian 1 to Release 25.40, prior to upgrading their SCCS. SCCS release 1.5 supports for 25.40 is being provided only to facilitate an upgrade path for those customers who are running SCCS 1.5 with X11 release 23. However, please note: SCCS1.5 should only be run with X11 Rls 25.40 for a limited period of time during the transition to later releases, since problems reported with this combination will result in the fast tracking of the SCCS upgrade to a fully supported release</p> |
| Periphonics IVR (VPS) | 5.x ^a |
| Periphonics IVR (MPS) | 1.x ^a |

| | |
|------------------------------|------------------|
| Periphonics IPML (Peri-IPML) | 2.0 ^a |
|------------------------------|------------------|

^a No X11 dependency.

Appendix B: Electronic Software Distribution

Electronic Software Delivery for Meridian 1 Systems via Nortel Network's Customer Support website

The software download process is required to take compressed software from the Internet and download it to your PC for duplication. Electronic Software Distribution via Nortel Network's Customer Support website provides a common portal to available Nortel Software.

The following is an example of the Meridian 1 software available for download from the website.

- **Option 11C/11C Mini:** provides software and related General Release Bulletins.
- **Option 51C, 61C, and 81C:** system software, install disks, related MDCSs, and related documentation for all CPU types.
- **Network Management (MAT/OTM):** including system software, updates, PEPs, and related documentation.
- **Meridian Internet Telephony Gateway ITG; IP Telephony; IP telecommuter:** software and documentation for products such as ITG Trunk and Line side applications.
- **Meridian Integrated Products, including MIRAN, MICA, MICB, MIVS and MIPCD.**

Who has access to the web site?

Software distribution is designed for Nortel Networks Distributors and associated technical support personnel. In exceptional circumstances, end customers will be granted access to this site.

To register for an account:

Nortel Networks has adopted the Common Registration System (CRS). This provides one user I.D. and password to access the service websites such as the Software Distribution and Keycode Retrieval websites.

Go to <<http://www.nortelnetworks.com/>>, to "Customer Support" menu, choose "Register menu. Follow the registration process instructions.

For further details, choose the "Getting Started with Customer Support" under "Support News" banner.

Software Download Steps:

The software download site can be accessed through the following Customer Support website at:

<http://www.nortelnetworks.com>

Choose "Customer Support" – "Software Distribution" menu or "Software Downloads from Customer Support page."



To access the software as an authorized user, you must go to the “Log in” menu and apply your user I.D. and password. Before Log In, you will be able to view software as a Guest only.



Choose the product required in the Product listing (ie. Option 11C or Option11C Mini).

To find the product listing, go to the « **Products** » banner and choose “[View by a Product](#)”.

Highlight product(s) required and Save. Click on product under “List of My Profile Products” and you will be able to see all applicable software files.

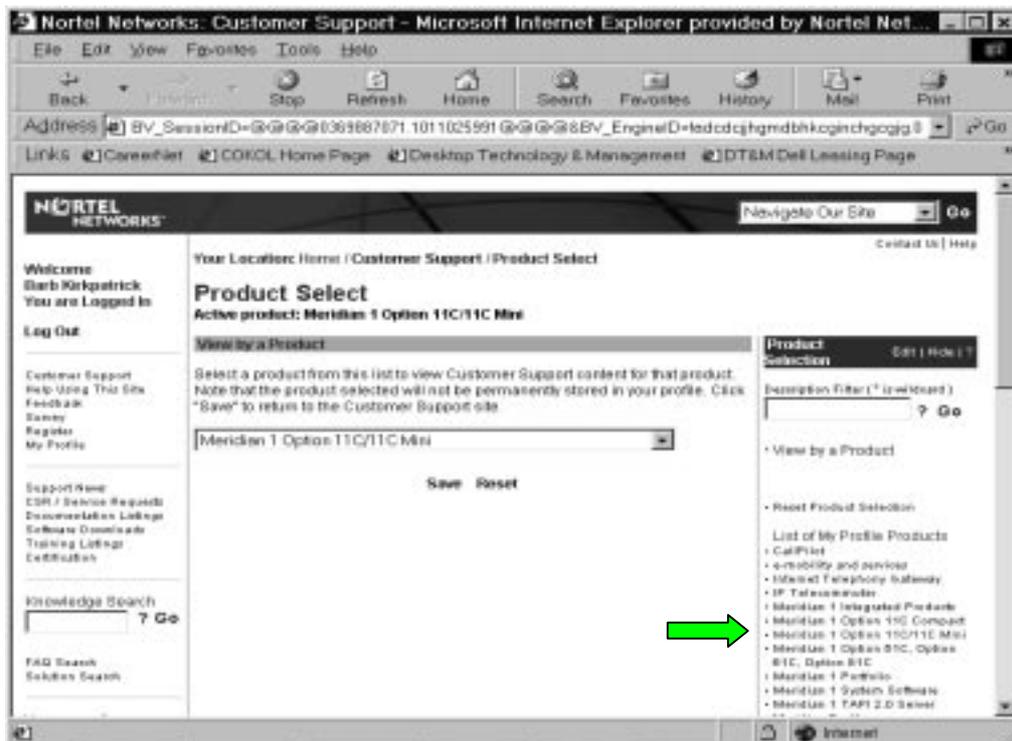
Find the software file required (search by release may be available for some products). Click on your software selection. Then click on the executable file and/or applicable documentation file and save to your desktop.

(If you do not see any software files available, you may need to go to “My Profile” menu and make sure the Software box is checked.

Pick Your Services

Hide

Edit Documentation Listings Edit Software Downloads
 Edit Training Listings



Nortel Networks: Customer Support - Microsoft Internet Explorer provided by Nortel Net...

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print

Address <https://www130.nortelnetworks.com/cgi-bin/eserv/cs/main.jsp> Go

Links CareerNet COKOL Home Page Desktop Technology & Management DT&M Dell Leasing Page

NORTEL NETWORKS Navigate Our Site Go

Contact Us | Help

Your Location: Home / Customer Support / Software Downloads

Software Downloads
Active product: Meridian 1 Option 11C/11C Mini

Images, Loads and Releases | Patches | Release Notes

Images, Loads and Releases Hide

| Description | Software Type | Release Date |
|--|----------------------|--------------|
| - U.S.A. Release 25.30 (PSWW 70) | Rls 25.30 | Aug 30, 2001 |
| - M3800 Global Languages - 25.30 (PSWW 70) | Option 11C - PSWW 70 | Aug 30, 2001 |
| - Canada Release 25.30 (PSWW 70) | Rls 25.30 | Aug 30, 2001 |
| - CALA Release 25.30 (PSWW 70) | Rls 25.30 | Aug 30, 2001 |
| - Asia Pacific Release 25.30 (PSWW 70) | Rls 25.30 | Aug 30, 2001 |

Top 25.30 All Software Types

Patches Hide

Software content for Meridian 1 Option 11C/11C Mini (25.30) is not available in this category. If you require further assistance please reference the regional contact information on the side menu area to the left.

Top 25.30 All Software Types

Product Selection Edit | Hide | ?

Description Filter (* is wildcard) ? Go

View by a Product

Reset Product Selection

List of My Profile Products

- CallPilot
- e-mobility and services
- Internet Telephony Gateway
- IP Telecommuter
- Meridian 1 Integrated Products
- Meridian 1 Option 11C Compact
- Meridian 1 Option 11C/11C Mini
- Meridian 1 Option 51C, Option 51C, Option 61C
- Meridian 1 Profiles
- Meridian 1 System Software
- Meridian 1 TAPI 2.0 Server

Customer Support
Help Using This Site
Feedback
Survey
Register
My Profile

Support News
CSR / Service Requests
Documentation Listings

Software Downloads

- Keycode Retrieval (KRS)
- Access Web
- DMS-10 Software
- DCM and Router Software (TAG)
- Systemwide Call Center Software (SCCS)
- Meridian PEP Library (MPL)
- DMS-100 Software

Nortel Networks: Customer Support - Microsoft Internet Explorer provided by Nortel ...

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address https://www130.nortelnetworks.com/cgi-bin/eserv/cs/main.jsp?BV_SessionID=@@@@0369887071.101 Go

Links CareerNet COKOL Home Page Desktop Technology & Management DT&M Dell Leasing Page

NORTEL NETWORKS Navigate Our Site Go

Contact Us | Help

Your Location: Home / Customer Support / Software Downloads / Software Detail Information

Software Downloads: Software Detail Information
Active product: Meridian 1 Option 11C/11C Mini

U.S.A. Release 25.30 (PSWW 70)

This area provides you with details regarding your software selection. Please note, you may need to right click on the File Download link and use the 'Save target as ...' option on your browser.

Software Family: Switching Products
Software Type: Rls 25.30
File Download: [Release 25.30 + 14 PEPs \(PSWW 70\) USA \(9932.80Kb\) \[exe\]](#)
[Release 25.30 General Release Bulletin \(Kb\) \[pdf\]](#)

Product Selection Edit | Hide | ?

Description Filter (* is wildcard) ? Go

View by a Product

Reset Product Selection

List of My Profile Products

- CallPilot
- e-mobility and services
- Internet Telephony Gateway

Welcome Barb Kirkpatrick You are Logged In

Log Out

Customer Support
Help Using This Site
Feedback
Survey
Register
My Profile

Support News
CSR / Service Requests
Documentation Listings

Software Downloads

- Keycode Retrieval (KRS)

Meridian 1 Option 11 C, 11C Mini, 51C, 61C, 81, and 81C Release 25.40

For Option 11C Software you will require the PCMCIA Card Programmer. If you do not already have the PCMCIA Card Programmer installed on your P.C., go to "Site Tools" in the pulldown menu from the Option 11C software page and download the Card Programmer (version 0.5 or higher).

The Programmer will prepare and if necessary erase the PCMCIA card (40 Mb or higher), and load the new software to the card. Open the PCMCIA Card Programmer, select the software from the applicable P.C. drive letter in step 1, then select the PCMCIA drive letter in step 2, click on Program PCMCIA card.

The PCMCIA Card Programmer is compatible with Window 95, 98, and Windows NT 4.0 and above. See Read Me file provided with the Tool for manual instructions.

When properly programmed, the software on the PCMCIA card will have the following directory and file structure:

- bootrom/
- dflt_db/
- p/
- u/
- dramos
- dramos.sym
- dramoscc.sym

A readme.txt file may also be present.

You are now ready to put the programmed card into slot A of the System Controller and proceed with the installation procedure.

For large systems software specific instructions, go to "Site Tools" of the pulldown menu on the Option 51C, 61C, 81,81C software page.

Appendix C: Resolved Problems

The following Problems found on previous GA releases of software have been resolved in Release 25.40.

Automatic Call Distribution ACD

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|---|
| MP02590 | | 24.23 | When the ACD Observe feature is in operation and a call arrives at an agent that is subsequently put under supervision, when the supervisor releases a BUG5416 is outputted to the TTY. It is as a result of the conference situation dropping back to a simple call scenario |
| MP09022 | MPLR12864 | 24.25 | System is equipped with incoming DID, an attendant and an ACD-queue. Because if you are using DNIS, you cannot have a flexible dialing plan. If the M1 receives digits, which are less, then configured in NDGT, the Software is waiting for 12sec or for the end of dialing, before the call will be terminate. |
| MP10604 | MPLR13054 | 23.47 | ACD agent set does not display the 'NOT READY' screen after Meridian Link issues the 'NRD with no call disconnect' command. |
| MP10831 | | 24.25 | When an SCCS script has 2 routes call controlled commands, such that the ACD DN's specified in the script are both busy, it is expected that the call control should come back to the script. However, it was seen that even though both the ACD DN's were busy, M1 sends a successful response for the second ITR Route command. |
| MP11019 | | 25.08 | INI 2000 from ACD_OBSERVE / ONHOOK / DISCONNECT |
| MP10895 | MPLR10162 | 25.15 | BUG5013 output with NAS handling from CCR |
| MP09749 | MPLR12989 | 23.37 | Observe agent not working/agent can't xfer call after call comes via Symposium/IVR. |
| BV78567 | 2108 | 22.16 | Analogue COTs lockup while waiting for night RAN |
| MP10743 | | 25.15 | ACD Supervisor call agent in MSB gets BUG576 & BUG577 |
| MP11477 | MPLR15555 | 25.15 | 2616 with 1 add on module not able to access RAN route |
| MP11963 | MPLR14165 | 24.25 | When Incoming calls are routed to the VRU system; and the ACD agent doesn't answer, Return to Queue RTQ on no answer doesn't work, and the call is ring on the ACD Agent instead of been routed to NCFW |
| MP12228 | MPLR14478 | 24.25 | One-way speech path if any set calls a symposium controlled CDN which gets then transferred to another symposium controlled CDN. |
| MP12605 | MPLR15379 | 25.30 | BERR705 from NETWK_ACD / CSAI / CSAI_HANDLER |
| MP12654 | MPLR15399 | 25.15 | Wrong .PCI_NRD value sent to AML link |

| | | | |
|---------|-----------|-------|--|
| MP12782 | MPLR12669 | 25.15 | The Symposium 'Client Administration' has configured the 'Call Presentation Class' so that if the call is not answered in 10 seconds, it should route to queue and make the set busy, RTQ and put ACD 500 set in MSB status |
| MP04419 | MPLR12821 | 25.10 | BUG4001 messages with return address stack. This stack indicates that the problem appears to be with abandoned CCR calls. |
| MP13691 | MPLR15742 | 25.30 | Conflict with M1 and MLINK & MLSM Reason dot constants definition in the Codes. |
| MP11535 | MPLR13629 | 25.15 | Incoming DID call to CDN: CDN Name not displayed |
| MP12484 | MPLR15602 | 25.15 | SCH FOR ACD WITH CFW ACTIVE, If you do a service change on an ACD set with CFW active, right after the lamps are updated and switched to dark, but CFW and MSB remain active. |
| MP12861 | MPLR15642 | 24.25 | Calls end up in night mailbox instead of ACD agent during the day |
| MP04539 | MPLR12433 | 23.37 | INI 1D during call to SETSPEECH_IVR: ini 2000 BUG7058 SWD: Swd watchdog timer expired on task tSL1 INI 2000 bug7062 |
| MP15301 | MPLR15817 | 25.15 | Data corruption of the first loop in each group. |
| MP14704 | | 25.15 | Phone set display "logged out" though set is actual login, SCCS Acquired phone set display show "LOGGED OUT" though set is actually logged in when set has NO NRD-key configured. |
| MP15396 | MPLR15835 | 25.30 | Certain of the Not Ready Activity codes aren't reporting correctly on SCCS. It's been confirmed that the SFN messages representing the occurrences where report data is missing are containing a call id where there should not be a call id on the SFN Not Ready message. |
| MP15030 | MPLR15546 | 25.15 | The ACD-C2 Report 4 (on ACD DN) always sets the OUT TIME field to the maximum value of 1800 seconds. The OUT TIME field indicates the duration of time for which an agent is busy on outgoing calls. |
| MP13788 | MPLR16159 | 23.47 | Transfer complete i.e. is missing in On Hook/disconnect messages sent to CTI, when an ACD agent completes transfer of a call to IDN on ringing to attendant. |
| MP12697 | MPLR13568 | 25.15 | AHA CLS Causes confusion on Symposium Call Centre (SCCS), Call pegs correctly in SCCS RTD and SCCS Agent Performance reports where the actual DN Talk Time whilst on a Consultative Transfer call is recorded. |
| MP15263 | MPLR15812 | 25.15 | No On hook/disc USM's when teslet EES at call clear down The "agents" have found out that if they hold down a keypad digit whilst the external party disconnects no notification of call clear down is sent to the CTI application |
| MP12365 | MPLR14820 | 25.10 | AML Link0 sends wrong ORIG DN for outgoing DTI2 MFC made by predictive application connected to M1 through 500 Line card. The outside customer answers a call and requests a transfer. The customer is transferred by the predictive application to an ACD queue on M1. The transfer is a two-step transfer. The pop up application, they see the ORIG DN and TER DN being the ACD queue when calls call through a MFC trunk. Everything is fine when the calls go through analog CO trunks. |
| MP16649 | MPLR16060 | 25.15 | No USM ONHOOK message received by the CTI application |

| | | | |
|---------|-----------|-------|---|
| MP15715 | MPLR15874 | 25.15 | If having entered activity code data during an ACD call or from the Not Ready state the user amends the input using either the * to delete one entry or # to delete all digits and start again the prompt " Enter Activity Code " is cleared. The problem is seen on both Aries and Taurus sets regardless of their acquisition state |
|---------|-----------|-------|---|

CDR & Traffic

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|---|
| MP12041 | | 25.15 | CDR Q record not outputting full 20 digit ANI/PANI. The M1 to output 20 digit ANI, including the ANI of the caller and a 10-digit cell site ID (PANI) on all 911 calls. The M1 should reflect both numbers in the CDR output (q record and n record). This is not happening. The q record is only showing the ANI of the caller (CPN), and is not displaying the cell site ID (PANI). |
| MP03118 | MPLR12981 | 23.47 | Dialed digit are not printing in the CDR report |
| MP10474 | MPLR13394 | 24.25 | Wrong "billing number " in CDR record. |
| MP11168 | MPLR13351 | 24.25 | CDR N-record on not answered calls DTI2 with OAN = yes |
| MP12414 | MPLR09894 | 25.15 | Watchdog timeout leads to INI related to CDR |
| MP12407 | | 25.15 | OVL16 - CDR OAL=yes OAN should default yes |
| MP10345 | MPLR1332 | 24.25 | TFC009 does not display the correct NAS |
| MP01951 | | 23.47 | MAX wait time for RAN trunks in TFC report |

Attendant

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|--|
| MP10004 | MPLR13014 | 22.46 | AUD014 when DPNSS Attendant recall [call in queue] |
| MP13011 | MPLR15503 | 25.30 | Attn cannot release call to Call Pilot after TAT- Bug295 |
| MP11690 | | 24.25 | DN is displayed twice on ATT when set CFWD to ATT |
| MP12411 | | 25.15 | BUG6020 related to conference loop |
| MP14756 | | 24.25 | Group call from Attendant console impossible: aud10 ... |

Maintenance

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|---|
| MP04205 | MPLR15666 | 25.15 | BUG365 after upgrade |
| MP11204 | | 25.30 | Two definitions and uses of BUG5392 |
| MP12158 | | 25.15 | IP address prints backwards when WHO command is entered |
| MP14118 | | 15.15 | Incorrect TN conversion in LD 32 |

| | | | |
|---------|-----------|-------|---|
| MP07082 | MPLR13016 | 25.10 | LD 96 MAP DCH command does not work |
| MP13972 | MPLR15649 | 25.15 | ERR3036/ERR3037 with calls to/from a BCS phantom loop |
| MP15511 | MPLR15841 | 24.25 | BERR705 when attempting to output AUD003 information |
| MP14896 | | 25.15 | Trunks DES field does not print |

Trunks

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|--|
| MP10102 | MPLR13224 | 23.47 | Display name of isdn trunks doesn't work |
| MP11736 | MPLR15584 | 25.30 | CFNA over MCDN causes hanging trunks when original disconnects first. |
| MP10265 | MPLR13350 | 24.25 | With the International Supplementary Feature (Package 131), the caller hears the ring back tone in spite of the busy on the Analog DID line. |
| MP10602 | MPLR15135 | 25.15 | No CLID display on incoming DXUTJ call |
| MP10616 | MPLR15490 | 24.24 | Incoming DXUTJ CO trunk call forwarded to MMail drops |
| MP12437 | MPLR15490 | 24.25 | Incoming DXUTJ DID call not terminated |
| MP12842 | MPLR15490 | 25.15 | JDID does not tolerate incorrect CLID sent by DXUTJ |
| MP11379 | MPLR13428 | 25.08 | INI000 2000 around procedure SETSPEECH_I |
| MP10680 | MPLR15474 | 25.00 | Unable to program BCOT if DAPC is not defined |
| MP11358 | MPLR13436 | 24.25 | ADL with empty PLN entry access to external trunks |
| MP14112 | | 25 | TMDI -- SSD Queue overflow -- TRK166 messages on opt1lc, and DTI channel lockout |
| MP13466 | MPLR15563 | 25.15 | DID - TIE calls dropped to attendant |
| MP13519 | MPLR15567 | 25.15 | Set is not disconnected on incoming local CIS DTI2 call |
| MP10102 | MPLR13224 | 23.47 | Display name of ISDN trunks doesn't work |

Call Processing

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|--|
| MP11485 | MPLR13539 | 25.15 | GROUP HUNT/PLDN: CANNOT XFER CALL TO PLD |
| MP10173 | | 25.15 | Toll calls may be allowed for TLD set |
| MP10103 | | 24.25 | Cannot EES after CDP to UDP conversion a |
| MP10120 | | 25.15 | BUG5861 printout after pressing DSP + RN |
| MP11576 | | 25.15 | BUG4244 OUTPUT IS INCONSISTENT |
| MP11786 | MPLR13862 | 24.25 | NFCR override possible using * after ACO |
| MP11889 | | 25.15 | BUG6106 related to PLDN / group hunt |
| MP11890 | | 25.15 | BUG5182 related to VNS is inconsistent W |
| MP12415 | MPLR15319 | 25.15 | Cross-talk, BUG105, BUG365 |
| MP12738 | | 25.15 | Failed to transfer because of the charge_disp_act bit. |
| MP14755 | MPLR15746 | 23.47 | MUSIC ON HOLD (MOH) NOT RESTORED AFTER C |
| MP15004 | | 25.30 | Channel negotiation truncates CDR with OPD |
| MP13186 | MPLR15524 | 23.47 | BERR705 / INI From GLOBAL ACCESS_ORIG_TE |
| MP13465 | MPLR15419 | 24.25 | Intermittent INI 1D when attendant releases call. |
| MP15865 | MPLR15901 | 25.30 | Crosstalk after adding FIJI |

| | | | |
|---------|-----------|-------|--|
| MP14340 | | 25.15 | No range check in SET_ROUTE_PTRS can lead to BERR705The INI results in the usual loss of service to DASS/DPNSS circuits. |
| MP14450 | MPLR15705 | 24.25 | INI code c and SRPT786 RST 0: Task tSL1 being restarted |
| MP15552 | MPRL15855 | 25.30 | Call disconnected after attn expends across DTI, BUG 275 |

Feature

| PRs Number | Patches | Found in Release | Description |
|-------------------|------------------------|-------------------------|--|
| MP09869 | MPLR13001 | 24.25 | BUG275 when attn extended {held} DPNSS call is answered |
| MP10204 | MPLR13075 | 23.47 | CDR S Record with PPM not printed for XFER to BRIL |
| MP10618 | MPLR13251 | 25.15 | Wrong status of BFS key in LD80 if lamp states changed in LD15 |
| MP10635 | MPLR13182 | 25.15 | BSFE: Transfer with BFS key to boss only works once |
| MP10646 | MPLR13185 MPLR15811 | 25.15 | BFS key not updated anymore if RLS SCR key on ATT used |
| MP10734 | | 25.30 | All BFS Keys stayed lit after call was answered |
| MP10990 | MPLR15421 | 25.15 | BSFE: Can't transfer to busy set twice if RLS not hit |
| MP10991 | | 25.15 | DID call (for a park DN) comes in via DID route which has DNIS turned on, the call is not checked properly therefore the call is blocked |
| MP11135 | MPLR13325 | 25.10 | Crosstalk When Using Observe Feature |
| MP11384 | MPLR13430 | 23.47 | BFS and Group Call interaction does not work |
| MP11663 | MPLR13714 | 25.15 | If HOT line key number is more then 7. HOT LINE feature is not taking precedence over BSFE |
| MP11228 | | 25.15 | INI 1D from CND_HANDLER / LINK |
| MP11919 | | 25.15 | Event Remote Notification ERN fails using 5 digit DN. |
| MP12097 | MPLR14518 | 24.25 | NO ARHA on digital set if Transfer or Conference aborted |
| MP09464 | MPLR15550 | 22.46 | "?" Appearing anywhere in the string of digits of the caller number on the display of the attn console (2250). The "?" on the display, it introduces a failure of their ICP computer system. |
| MP12295 | MPLR15566 MPLR14848 | 23.47 | Not possible to enter different hours for FWTM and BWTM |
| MP12473 | MPLR15557 MPLR15054 | 25.15 | Restriction by number of digits in FCR doesn't work |
| MP12509 | MPLR15499 | 25.10 | BFS and CFW key lock up with BFSE |
| MP12530 | MPLR15565 | 25.15 | Incoming call with invalid number terminates incorrectly |
| MP12832 | MPLR15601 | 25 | 2500 sets will not forward no answer to Mail |
| MP12864 | MPLR15471 | 24.25 | BERR705 / INI related to BFSE feature code |
| MP08510 | | 24.25 | Hunting limited to 24 steps on Rls 24.25 when LSC used. |
| MP12245 | MPLR14498 | 25.15 | Cannot retrieve a parked call from an external trunk |
| MP12701 | MPLR15422 MPLR15811 | 24.25 | BSFE: BFS key continuously winks if RANA is activated |
| MP12469 | | 25.15 | INI when Symposium makes a call from a virtual 3904 set |
| MP12940 | MPLR15486 | 25.15 | Switch initialises every midnight due to TSBB S/W Watchdog expiration |
| MP13129 | | 25.30 | BUG500 is displayed when RCAP is not QMWI/QMWO. |
| MP12982 | | 25.15 | Loop 255 on an 8 group system cannot support the DCH |

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|---------|------------------------|-------|--|
| MP13767 | | 24.25 | Inbound ISDN calls to CallPilot through dialer to dummy ACD queue with a NAME defined in LD95, NCFW to a DN fails to display the name of the dummy queue in the display of a receiving digital set; but displays the name of the incoming caller. |
| MP12639 | MPLR15359 | 24.25 | BERR705 using ringing number pickup (RNP |
| MP13018 | MPLR15420 | 24.25 | CAMPON in MAIN_AUDIT idles timeslots, crosstalk results |
| MP08980 | MPLR12863 | 24.24 | Attendants can both park calls to the same call park DN |
| MP14866 | | 25.10 | Creating NEW sets with type 500 causes new templates to be created even though there are existing templates that should match. The new templates created have excess features that are not required, and may not even be allowed due to package restrictions |
| MP14725 | MPLR15745 MPLR15915 | 25.15 | RCFW to FFC speed call list is allowed |
| MP15360 | MPLR15830 | 25.15 | CHG 500 set cause hotline DN corruption |
| MP13219 | MPLR15889 | 25.15 | Service change de-activates GHD key |
| MP12640 | MPLR13567 | 25.15 | In LD 10 can't configure DCFW CFW <TO RPAX> when creating new set in OVL 10. |
| MP12797 | MPLR15451 | 25 | BERR705 due to invalid RPA_DNPSA_PTR during RPA call |
| MP16831 | MPLR16107 | 25.30 | Corruption to PLINE block of 2616 with AOM |
| MP15290 | | 25.30 | M2317 display not working |

Call Processor CP2, CP3&CP4

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|--|
| MP08347 | | 25.10 | No mailbox reached when call to GSM is redirected to Voice Mail |
| MP09847 | MPLR14247 | 24.25 | Inventory in overlay 117 shows wrong card |
| MP11235 | | 25.15 | Keycode file incorrectly named during data backup |
| MP10731 | | 22.46 | BERR700 not prevented, due to invalid call to intr TNMHT |
| MP09925 | | 23.47 | EDD is printing error messages due to corrupted reten.pch-file |
| MP11901 | MPLR15590 | 25.30 | BERR705 and INIT reason 0x00000002 from REM_RING_BCS |
| MP12366 | | 25 | Do not configure maximum number of call register |
| MP12383 | | 25 | Remove Distributor Dongle Lifespan Limitation |
| MP12561 | MPLR15217 | 25.30 | All Trunks Busy on ISA COT Service Route |
| MP11554 | MPLR15424 | 24.25 | BERR705 Bus Error in Task "tRlogind00" |
| MP12426 | MPLR13882 | 24.25 | UNABLE TO DSBL 500 SETS/SL1 SETS. LAMPAUDIT STUCK |
| MP08394 | MPLR15577 | 23.55 | PDT LOCKUP - MAT USERS LOCKED OUT |
| MP13039 | MPLR15501 | 25.15 | Remote access logout via ELAN closes the wrong file descriptor |
| MP14174 | MPLR15479 | 25.30 | BERR705 from CONSOLE_DISPLAY / BCSOP / LINK_IN_OLD_Q |
| MP07092 | MPLR15799 | 23.47 | Disabled IGS slots and many AUD031 messages |
| MP13605 | MPLR15796 | 25.15 | SYS4438 SYS4474 when converting DB 16.92G TO 25.15 |
| MP13345 | | 23.55 | MIK or MCK key twice with no digits does |
| MP12317 | MPLR14523 | 25.15 | INI2000 from Local Proc DCON_DIGITS in TCM_OUTPUT_MSG |
| MP13024 | MPLR15667 | 25.30 | Cannot remove / out TN built as TYPE OOSLT |
| MP12779 | MPLR15442 | 24.25 | Several times a day BUG4129 is printed. As a result the message is not sent over the AML |
| MP13522 | MPLR15579 | 25.30 | 2009/2018 set Lost Speech path on handset |
| MP13538 | MPLR15578 | 25.15 | Calls to third party IVR are defaulted because Symposium provides the default DN. This happens at random. ELAN trace from the PBX shows the correct number, but the Called DN type IE (H.3E) is 6 (CDP) not 8 (Internal) |
| MP13960 | MPLR15653 | 25.30 | Removal of XPEC Causes Corruption |
| MP12747 | MPLR15441 | 23.55 | MSDL102, MSDL112 during times of only low CPU load |

Administration

| PRs Number | Patches | Found in Release | Description |
|-------------------|------------------------|-------------------------|---|
| MP10466 | | 25.10 | Unable to use count and 1 st commands in LD 81 |
| MP11934 | MPLR15681 | 24.25 | SCH1870 when change digital set to ACD s |
| MP12122 | MPLR15457 | 25.15 | ITG and Traditional ISM's miscounted after SYSLOAD aft |
| MP09621 | MPLR15798 | 25.10 | OVL 30 LOOP ALL Command causes NWS003 messages |
| MP09791 | | 25.10 | LUVU prompt in overlay 20 lists data TNs on new cards |
| MP10272 | | 23.47 | When a multiple DN is configured and a service change is made on one the sets the date is changed on more that one set. |
| MP10305 | | 23.47 | Impossible to print sets with OBV key in LD 81 |
| MP10314 | MPLR13097 | 25.15 | Multilanguage strings sent in English on German sets |
| MP10625 | MPLR15638 | 24.25 | SCH5122 when trying to create a range of 5 digits VDNs |
| MP11219 | | 25.15 | AUTO_CAMPON Flag is not cleared, when auto set to no |
| MP11257 | | 25.30 | Printing template users causes infinite loop |
| MP11492 | | 25.30 | DISC does not work properly for digital line card |
| MP11846 | | 25.15 | LD81 Count of all Features cause invalid customer value |
| MP12215 | | 25.10 | The prompt MCFN (display memory module information for M1 large systems) is usually displayed using LD22 PRT CEQU, but the prompt is available in LD17 CHG CEQU. Since this information cannot be changed by the user through software configuration, if the user attempts any input for this prompt in LD17, the result is SCH6633 |
| MP12336 | | 25.15 | Supervisor has key configured as RAG, when tracking the supervisor in LD 80 the key is printed as CAT. |
| MP12628 | MPLR15339 | 25 | SCH0185 when programming (on a disabled superloop) 500 DN to AUDN |
| BV80901 | | 23.47 | PRI ERROR not printed in OVL117 |
| MP13372 | MPLR15605 | 25.15 | No SCH5524 after changing MADN 500 to single 500 |
| MP12937 | MPLR15510 MPLR15485 | 25.15 | Not possible to MOV 500 set from SD card to superloop |
| MP13909 | | 25.15 | Virtual sets: impossible to assign CLS CFXD |
| MP14800 | | 25.15 | MSDL0304, MSDL0305, MSDL0306 and other tool/diagnostic output give corrupted information regarding an MSDL. |
| MP14642 | | 25.30 | Can't create a default customer data block when the ANI package is restricted. |
| MP15003 | MPLR15781 | 25.15 | Unable to configure BDCH across groups using the same DNUM |
| MP15388 | MPLR15823 | 24.25 | XFEM Card Corruption When CHG Of APNSS In Overlay 14 |
| MP15317 | | 24.25 | SLFT MSDL X causes BERR705 and BERR600 messages |

Option 11

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| MP11005 | | 25.15 | DCH will not enable when mixing TMDI and MSDL |
| MP11044 | | 25.30 | Intermittently XDLC In The Main Cabinet Not Enabled After Power-up |
| MP09831 | | 25.10 | NPR300 messages printed after midnights or LD32 PBXT ALL |
| MP12185 | | 25.30 | Digital trunks cards in the main cabinet cause XMI008 after XMI002, even when there is valid data for the card. |
| MP12257 | MPLR14520 | 25.15 | Sysload loop when using an invalid Corp Directory file |
| MP09987 | MPLR13017 | 25.15 | BERR705 using MAT or OTM to obtain info on I/O Ports |
| MP11677 | MPLR14847 | 25.30 | Copy command allows 24 sets to be copied on a DLC for unequipped slot |
| MP12201 | MPLR15487 | 25.30 | OVL0306 PSDL is not idled after failed download When a download is aborted there is a case where the sdl_pm is not reset and so the system thinks the PSDL is busy when it is not. The system has to be ini'ed to regain access to the PSDL |
| MP10649 | MPLR14698 | 25.15 | Unable to download MISP in slot 2 Option11C |
| MP11021 | MPLR15629 | 23.35 | Station Precedence call placement for Autovon |
| MP11814 | MPLR15562 | 24.24 | File descriptors not being closed properly |
| MP12230 | | 25.30 | The install program does not perform verification of bootrom when burning flash. |
| MP12529 | | 25.30 | The help screen for the Utilities Menu on a Main cabinet says that there are 8 options available, but the menu has 11. The help file should be updated to reflect the extra options. |
| MP12924 | MPLR15481 | 25.15 | INI D from markoverflow |
| MP12895 | MPLR15477 | 24.25 | BERR705, INI when using AWU (Automatic Wake Up) |
| MP12778 | | 25.30 | Customer removed TTY 0 in Cabinet 0 and cannot rebuild it. When trying to rebuild, in OVL 17, TTY 0 in Cabinet 0 an SCH5508 message (Same card and port number has been used)is printed when 0 is entered for the prompt CAB. |
| MP12887 | MPLR15786 | 25.15 | When you give in LD143 the command upgrade and you make an archived database and then you make a external back-up (XBK) the system reboots. |
| MP12888 | MPLR15765 | 25.10 | BUG6322, switch locks up with no dial tone |
| MP14753 | | 25.15 | The function 'showApIfData' to provide auxiliary processor Interface data gives an incorrect line of output. |

CallPilot

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| TM14128 | MPLR13172 | 24.25 | CallPilot: Cannot interact from BRI set |
| MP10860 | MPLR15498 | 25.30 | CallPilot through dial by attendant causes ULBLOCK corruption |
| MP11133 | MPLR15647 | 24.25 | Original dialed DN not displayed at attendant console |
| MP11139 | MPLR14909 | 25.15 | When CallPilot CDN is set up as the attendant overflow DN. External callers calling the attendant were not overflowed to CallPilot when the attendant was busy and the waiting threshold had expired. Call stayed in the attendant queue. |
| MP11541 | MPLR15826 | 25.15 | The M1 failed the local reserve feature requested by CallPilot |
| MP10848 | MPLR11751 | 25.10 | ESN access code inserted in front of mailbox number |
| MP12137 | MPLR14308 | 24.25 | INI000C removing call from CDN |
| MP16029 | MPLR15848 | 25.30 | Unable to retrieve parked call using CallPilot through dial |

Pentium Call Processing CP PII

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| MP09823 | | 25.10 | System will warm start when disabling the peripheral signaling (PS) card at the network group/shelf where the ENET card is resided and Meridian mail database configured. |
| MP10344 | MPLR15679 | 25.15 | CPP 3PE testing does not work properly |
| MP11093 | | 25.15 | SCPU - both side ID set to same core |
| MP11434 | MPLR16056 | 25.30 | After CPP graceful Switchover, using PDT II command to tell the information in current ACTIVE side sometimes shows "probs accessing entry: "error message(s). |
| MP11729 | MPLR13795 | 25.30 | CPP machine fail to cut-over |
| MP11823 | | 25.30 | After patches are installed with MDSCS. At this point join the cpu's. The patches are no longer in service |
| MP12027 | | 25.30 | During Midnight routine bug2584 are printed |
| MP12211 | MPLR15850 | 25.15 | BUG2370 messages |
| MP12294 | | 25.15 | Cannot switch CPUs after a hot swap |
| MP12505 | | 25.15 | TFS004 idle cycle count is not large enough for CPP |
| MP12541 | | 25.15 | PDT command to show IRQ's does not give clean output |
| MP12607 | | 25.15 | Unable to change Baud rate on CPP CPSI port |
| MP13194 | | 25.15 | PDT shell MREGS Command does not work |
| MP13747 | | 25.30 | Too many interrupts cause stack overflow |
| MP16117 | MPLR15962 | 25.15 | After a restart in split mode no CPU takes the network |
| MP16299 | | 25.15 | Warmstart when OVL 135 is midnight routines |

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|---------|--|-------|---|
| MP15482 | | 25.15 | The Instant ISM feature was introduced to eliminate the need to perform a sysload to update new ISM keycode parameters. However, new feature packages still require a sysload to become enabled. The Instant ISM Keycode Expansion feature and the CPP Hard Disk Redundancy features do not interact correctly. |
|---------|--|-------|---|

IP Phone

| PRs Number | Patches | Found in Release | Description |
|------------|------------------------|------------------|---|
| MP11975 | MPLR14331 | 25.30 | RUDP message queue stuck when packet lost on ELAN |
| MP12118 | MPLR15704 | 25.30 | "Observe ACD agent" causes involved i2004 sets reset |
| MP12272 | MPLR14638 | 25.30 | EDD and ELAN Failures with ITG Phones |
| MP12131 | MPLR15508 MPLR14599 | 25.15 | Creating IP set detriments ISM internet |
| MP12179 | MPLR15766 | 25.30 | Auto wakeup music/RAN does not work on i |
| MP13133 | | 25.30 | Unable to use CPY 32/AUTO command to configure i2004 sets |
| MP13602 | MPLR15609 | 25.30 | Loss of speech path when quickly logging into CallPilot |
| MP13791 | MPLR12035 | 25.15 | ITG line side card freezes when first set registers |
| MP15654 | | 25.30 | i2004 on SIPE: set is in MSBY in TTY but RTD on SECC |
| MP15695 | MPLR16180 | 25.15 | Wrong Dial Tone, no Ring back Tone on i2004 |
| MP16367 | MPLR15955 | 25.30 | RFC Message Queue full prevents i2004s registration with M1 |

ISDN

| PRs Number | Patches | Found in Release | Description |
|------------|------------------------|------------------|--|
| MP06693 | MPLR12636 | 23.47 | Call to 3rd party phone (across DPNSS link) which is call forward back to the M1 out across the PSTN fails. |
| MP09210 | MPLR12874 | 24.25 | No speech path with I/C DASS call CFU/CFB across QSIG |
| MP09437 | MPLR12910 | 23.47 | DSLs in Shelf 1 will not printed out in |
| MP09845 | | 23.37 | CLID does not get sent with OCLI set to YES for TCNZ int |
| MP09859 | MPLR12998 | 24.25 | QSIG: CFNR across QSIG gives wrong MMAIL |
| MP10006 | MPLR13025 | 23.47 | Crosstalk after PRI called party clears down. |
| MP10063 | MPLR13312 MPLR15529 | 25.10 | QSIG DCH Blocked when you unplug/plug the cable we get a SCH6723 When you decide to remove the DCH |
| MP10269 | MPLR08407 | 24.25 | Progress indication wrong on tandem |
| MP10647 | MPLR13322 | 25.15 | Path replacement not invoked rerouting to PLDN |
| MP10757 | MPLR13215 | 24.25 | No speech path to CallPilot when transfer call over ISDN: TRO "blank" messages being left on call pilot mailboxes. |
| MP11167 | MPLR13179 | 24.25 | Incoming calls to a set on a system via DID or COT trunk and FNA or HUNT to Call Pilot in anther system via CDP over QSIG PRI TIE trunks have some call scenarios that result in the caller not getting the called number's mailbox. |
| MP11294 | MPLR13032 | 24.25 | Stack Overflow Related to VNS INI's 005/2000/1D |
| MP11357 | MPLR13424 | 24.25 | QSIG: AUD032 printed when CFNR across QSIG |
| MP11521 | MPLR13566 | 23.47 | Can't xfer call on ringing from PSTN->MCDN TO MCDN->DTI2 |
| MP12076 | | 25.15 | The Progress Indicator 16 "Inter-working with a public network " is not sent out on QSIG. |
| MP12091 | MPLR12272 | 24.25 | CC_RLS_RESP not sent for ESIG Trunk |
| MP12486 | MPLR15076 | 25.15 | INI 00000C OCCUR ON CALLS RECEIVED ON QSIG |
| MP12258 | MPLR15568 | 25.15 | System INI when CCBS performed across BRI QSIG to MCDN |
| MP07314 | | 24.25 | CFW not working if coming from euro trunk to Call Pilot |
| MP13140 | MPLR15514 | 24.25 | Charge display does not work with TAPI |
| MP10286 | MPLR13087 | 24.25 | BUG4001 and AUD033 on OVL R EURO/QSIG cal |
| MP11498 | MPLR13559 | 23.47 | No EODL signal on R2MFC after end of MFI |
| MP12492 | MPLR15695 | 23.37 | Cannot complete transfer to n/work call park DN with TAT |
| MP12863 | MPLR15465 | 25.15 | BERR705 / INI RELATED TO EUROISDN -> DPN |
| MP14307 | | 25.30 | Channel ID IE bit missing on TMDI card set for QSIG |
| MP15770 | | 24.25 | When a secure phone makes a call to a voice terminal the originating phone locks up |
| MP10676 | | 22.46 | Using VNS /NAS with DPNSS bearers to overflow calls to each node. If all nodes are in an overflow condition, the next call that is made is dropped. |
| MP13555 | MPLR15684 | 25.15 | QSIG: CALL FAILS WHEN CALL FWD ALL CALLS |
| MP11600 | MPLR13651 | 25.15 | Uncomplete CFW # via EURO ISDN produces bug105/1366/241 |
| MP15788 | MPLR15920 | 25.15 | EURO-ISDN 64K-UNR CALL TERMINATES ON 2500-SET. |
| MP15483 | | 25.30 | Missing cc_release_conf message in China ISDN |

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|---------|-----------|-------|---|
| MP15638 | | 23.47 | QSIG: CONNECTED # WITH MORE THAN 14 DIGITS DISCARDED |
| MP15869 | | 25.30 | BUG5417 IS GENERATED ON QSIG PATH REPLACEMENT |
| MP15741 | MPLR15877 | 24.25 | Crosstalk on call extended by ATT to MCDN with RCAP TAT |

Small System IP Expansion

| PRs Number | Patches | Found in Release | Description |
|------------|-----------|------------------|---|
| MP10897 | | 25.30 | Can not configure primary reference from SILC for MISP2.0 |
| MP11563 | MPLR13735 | 25.30 | Mail Treatment for sets in Survival Mode Fail Intercept |
| MP11626 | | 25.30 | System Lockup after performing commands in LD 117 |
| MP11659 | MPLR13817 | 25.30 | Retrieving Mail in IP Expansion over PRI2 fails |
| MP11705 | | 25.30 | Established calls on IP exp. not released properly after an INI on the main cabinet |
| MP11306 | | 25.30 | DTI2 channels go into MBSY and DTI040 during midnights |
| MP11651 | MPLR13734 | 25.30 | Layer 3 IP expansion cabinets will not switch back to normal mode after it has been forced into survival mode by disconnecting the physical link. Switch back is successful only if overlay 135 is used (ie SOTS and SBFS). |
| MP12345 | | 25.30 | Survivable IP Expansion cabinets will not come up ,After entering MAC address for remote cabinet's SSC card, and rebooting the PBX the Expansion cards do not come up . |
| MP10277 | | 25.30 | When Exp Cab goes to Slave mode, DASS link has to be restarted manually |
| MP12379 | MPLR15483 | 25.30 | No audio on ran trunk in OPT11c, IP expansion |
| MP09996 | MPLR12433 | 25.30 | CPY 16 sets on single card causes MBUF copy error |
| MP12631 | | 25.30 | Survival tone should be flexible |
| MP15518 | | 25.30 | White noise |
| MP16673 | MPLR16098 | 25.30 | TMDI's in MAN DSBL and can't enable with MSDL016 |
| MP16774 | | 25.30 | BERR705 in "tLSE_OMM" and the IP Expansion down |

M3900

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| MP08565 | | 24.25 | Transfer intermittently Fails on M3904 sets |
| MP10060 | | 24.25 | M3903, Cannot dial out while other DN is ringing on set |
| MP08750 | | 25.10 | System continues downloading after scheduled time. |
| MP12531 | MPLR14248 | 25.15 | M3904 with KBA, call on hold, lamp does not flash. |
| MP11779 | | 25.15 | M3900 does not recover from Automatic Set Relocation |
| MP08563 | | 25.10 | Taurus M3904/5 lockups due to TCM_Loopback_On message |
| MP10650 | | 25.08 | OBSERVE key not working properly on a SUPERVISOR set |
| MP11304 | | 25.10 | KBA DBA flashing the wrong key when DN key is U_HOLD |
| MP07627 | | 25.10 | XPEC locks up when plugging M3905 configured as 2616 |
| MP10376 | | 25.15 | M3904: Display isn't cleared after dialing AUTH code |
| MP11647 | MPLR13477 | 25.15 | M3900: RANA Ring again on no answer doesn't work |
| MP11027 | | 25.10 | M3903 not logging new calls if two DN's flashing |
| MP12686 | | 25.15 | M3904 Call Forward Displays: for leading zero |
| MP09376 | | 25.00 | Context Sensitive Soft Keys unstable in Corporate Dir/ Copy |
| MP07142 | | 25.00 | M3905 causes XPEC to fail if plugged into M2616 line jack |
| MP09844 | | 25.10 | Analog terminal Adapter (ATA) will not work on a 3905 |
| MP07965 | | 25.10 | M3902 Display stuck after Download |
| MP10231 | | 25.15 | "Ring again is active" not displayed on 3903 set |
| MP12714 | | 25.30 | M3903 CFW key cannot be removed |
| MP12673 | | 25.15 | Impossible to login in two Virtual Office TN's simultaneously |

SCCS

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| MP12296 | MPLR15453 | 25.30 | No call offered messages when using DNIS |
| MP12271 | MPLR14538 | 25.15 | No calls presented if agent press NRD twice |

MLINK

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| MP10122 | MPLR13054 | 23.47 | Agent displayed login screen after LINK 'NRD' command |
| MP10143 | | 25.10 | Unable to drop conference with MLINK |

Miscellaneous

| PRs Number | Patches | Found in Release | Description |
|-------------------|----------------|-------------------------|---|
| MP13664 | MPLR15594 | 25.15 | MDECT sets do not display incoming CLID if originator is DASS2 |
| MP12421 | | 25.15 | Calling number ID not sent to Radio-page |
| MP12878 | MPLR15762 | 25.30 | Windows2000 and Windows NT formatted PCMCIA causes BUG6334 on both Opt11C and MINI systems |
| MP06419 | MPLR12608 | 23.47 | Set based OA&M access via MCDN fails on MIRAN |
| MP12608 | | 25.30 | When modifying CNI to add new network group in LD 17 receive SCH5690 or SCH5805. |
| BV74795 | MPLR10970 | 23.30 | RAN in CKM mode does not start with DDL option |
| MP13376 | MPLR15549 | 25.15 | Switch INI after multiple berr705 messages with an attempt to make network skill set based routing calls. |

MDECT

| PRs Number | Patches | Found in Release | Description |
|-------------------|------------------------|-------------------------|--|
| MP10636 | | 25.15 | DCS attempting XFER, held call lost if overflow timeout. |
| MP11912 | MPLR15460 | 25.15 | Incorrect protocol when DECT set is activated |
| MP11946 | MPLR15450 | 25.15 | ERR140 printed for a non-concentrated DE |
| MP11947 | MPLR15425 | 25.15 | Incorrect information printed with ERR14 |
| MP11960 | | 25.15 | No BUG message displayed when software error occurs |
| MP12725 | MPLR15428 MPLR15470 | 25.15 | Camp On does not work with twinned DCS sets |
| MP11958 | | 25.15 | Some times in LD 32 and doing a stat of a DMC card where the sets are DCS, you may see a channel as Idle when in fact the channel is busy. |
| MP15139 | | 25.30 | LD 10: HMDN feature is added to all templates |
| MP11740 | MPLR14337 | 25.15 | Printout of DMC cards is incorrect and d |

Appendix D: Known Issues & workarounds

This is a view of known highest priority unresolved problems, applicable workarounds and available patches as of **January 30, 2002**.

They have been categorized as applicable to all supported systems, or to specific system types as indicated. This does not mean your system(s) will see each of these problems. As indicated, Patches are available for certain problems as of the writing of this document. Refer to the PEP library for updated list of applicable Patches for Release 25.40.

For Problems where PATCH listed to resolve this problem, Please contact your Customer Technical Services group for the installation of the Patches.

| | KEY |
|----------------------------|--|
| Problem Category | Major Feature or Area of Problem Ref: BV or MP Number PATCH: MPLR Number if available by January 30,2002 . |
| Date reported | The date that the problem was escalated to Technology. Format: mm/dd/yy |
| System impacted | The machine types that the problem could exist on. All is the default value for this field. |
| Software reported on | The software release that the problem was reported on. |
| Description of incident | The scenario that resulted in the problem and description of the problem including system output if appropriate. |
| Impact on system operation | Problems are categorized as low, medium and high based on their impact. LOW - Not system impacting, messages, displays, ... MEDIUM - User will see a difference in feature operation than they expect. HIGH - Major impact to call processing or system operation. If an acceptable workaround is available, the problem will be categorized as medium. |
| Explanation/Workaround | If there is a workaround available by January 30,2002 this information will be documented here. |

New Large System Global Clock NTRB53

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Switching clock may cause slips NONE | Ref: MP17089 PATCH: |
| Date reported | 04/12/2001 | |
| System impacted | All large system with new clock | |
| Software reported | Release 25.40 | |
| Description of incident | Do not use LD 39 to switch NTRB53AA clocks; all commands should be issued from LD 60. Switching clocks from LD 39 may cause digital trunks to slip until the clock audit comes around to correct the discrepancy. This will cause noise on all digital trunk calls. If you do switch from overlay 39, immediately go to overlay 60 and issue the TRCK PCK command. | |
| Impact on system operation | Minor | |
| Workaround | Use LD 60 to switch NTRB53AA clocks | |

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Download Loadware gets started but fails NONE | Ref: MP16853 PATCH: |
| Date reported | 11/15/2001 | |
| System impacted | All large system with new clock | |
| Software reported | Release 25.40 | |
| Description of incident | After sysload/INI, plug a Clock card NTRB53AA into slot. Change the clock status from unequipped to equipped with SSCK X command and enable it with ENL CC X command in overlay 60. When bank 1 is empty or bank 1 firmware version number is lower than that in the software, loadware download gets started but fails. Bug message CLKC0025 is printed out indicating the failure of download. | |
| Impact on system operation | Minor | |
| Workaround | Disable the card and enable it again. Download is successful. Download always fails the first attempt to enable the CLKC. | |

Option 11C IP Expansion

| | | |
|----------------------------|--|---|
| Problem Category | Digital Trunks MP16975 | Ref: MP14089 & PATCH: NONE |
| Date reported | 11/26/2001 | |
| System impacted | Option 11C SIPE | |
| Software reported | Release 25.30 | |
| Description of incident | Intermittently digital trunk in IP Expansion cabinet does not come into service after reboot | |
| Impact on system operation | Medium, but it is very intermittent, Calls cannot be made over the trunk. | |
| Workaround | Manually disable the trunk loop and then enable the loop. If the loop cannot be manually enabled in LD96, reboot the Expansion Cabinet or the Main. | |

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Message waiting indicator during survival mode | Ref: MP16013 PATCH: |
| | NONE | |
| Date reported | 09/21/2001 | |
| System impacted | Option 11C SIPE | |
| Software reported | Release 25.30 | |
| Description of incident | When in Survival mode and MMail can be accessed, messages left for sets do not result in set getting the message indicator lamp to light even though Mail can be accessed. | |
| Impact on system operation | Medium. | |
| Workaround | Message indicator is given when returning to Slave Mode. | |

| | | |
|----------------------------|--|---|
| Problem Category | Call sender during Survival mode | Ref: MP16012 PATCH: NONE |
| Date reported | 09/21/2001 | |
| System impacted | Option 11C SIPE | |
| Software reported | Release 25.30 | |
| Description of incident | Mail can be retrieved in Survival mode but can't use "Call Sender" option to call sender within same IP Cabinet. | |
| Impact on system operation | Medium. | |

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|------------|---|
| Workaround | Call Sender option is operational when system switch back to Slave mode |
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|----------------------------|---|
| Problem Category | Change IPR command from YES to NO will corrupt configuration file Ref: MP17816 PATCH: MPLR16270 |
| Date reported | 01/23/2002 |
| System impacted | Option 11C SIPE |
| Software reported | Release 25.40 |
| Description of incident | When user changes SIPE IP configuration using the Command CHG IPR "NO BANDWIDTH" from "YES" to "NO" will corrupt the IPREM.DB configuration file. |
| Impact on system operation | Medium. |
| Workaround | Patch is available |

OPTION 81C CP Pentium II

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Adding a New Group NONE | Ref: MP16371 PATCH: |
| Date reported | 10/10/2001 | |
| System impacted | Option 81C CPP | |
| Software reported | Release 25 | |
| Description of incident | Adding a new group on the inactive core before adding the group on the active core may cause a graceful switchover to take place | |
| Impact on system operation | Medium. Calls in progress will not be affected, however new calls will be affected during the warm start. | |
| Workaround | Add new groups to the active core before adding to the inactive core. | |

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Redundancy NONE | Ref: MP16093 PATCH: |
| Date reported | 10/25/2001 | |
| System impacted | Option 81C CPP | |
| Software reported | Release 25 | |
| Description of incident | After an install of new software, the active side will not reboot and continually displays a NT5350 message. Problem is intermittent | |
| Impact on system operation | High. Lose system redundancy. Resolution may result in temporary loss of call processing. | |
| Workaround | Problem resolved by reseating hardware, replacing hardware or power cycling system. | |

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|----------------------------|---|--------------------------------------|
| Problem Category | Redundancy NONE | Ref: MP16266 PATCH: |
| Date reported | 11/26/2001 | |
| System impacted | Option 81C CPP | |
| Software reported | Release 25 | |
| Description of incident | High Speed pipe may not enable if the system has greater than 24 patches installed. | |
| Impact on system operation | Medium. Loss of system redundancy | |
| Workaround | Keep number of patches below 25 | |

| | | |
|----------------------------|--|--|
| Problem Category | Redundancy | Ref: MP17946 PATCH: TBD |
| Date reported | 01/29/2002 | |
| System impacted | Option 81C CPP | |
| Software reported | Release 25 | |
| Description of incident | The system fails to perform disk synchronization after losing and recovering the High Speed Pipe connection. This may occur if the system is running a high number of patches (greater than 30.) | |
| Impact on system operation | High. Lose system redundancy. Resolution may result in temporary loss of call processing. | |
| | A patch will be made available that will ensure that the disk synchronization is performed and redundancy is not lost. | |

Call Processor CP2, CP3 and CP4

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|----------------------------|--|-----------------------|
| Problem Category | HSL to MAX will not recover MP13850 MPLR15696 | Ref: PATCH: |
| Date reported | 05/17/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | High Speed Link (HSL) to MAX will not recover if it goes down on the 16 th of the month | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

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|----------------------------|--|--------------------------------------|
| Problem Category | IOD040; Quad paddleboard ports disable None | Ref: MP16169 PATCH: |
| Date reported | 10/04/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | NT8D41BA Rls 6 quad SDI paddleboards, ports will become disabled while running midnights with LD 60. Switch will display IOD040 with ports 1 and 2 disabled. | |
| Impact on system operation | Medium. | |
| Workaround | Must re-enable ports after running midnights with LD 60. | |

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|----------------------------|---|--------------------------------------|
| Problem Category | BERR705 from task tSL1 while ENLL SILC MPLR16248 | Ref: MP17409 PATCH: |
| Date reported | 01/07/2002 | |
| System impacted | Large System only | |
| Software reported | Release 25 | |
| Description of incident | Configure and setup MISP with BRI application. Enable the loop and disable it. You may not get a BERR705. | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

ACD

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Routing calls to a Dummy ACD-DN MPLR16245 | Ref: MP15071 PATCH: |
| Date reported | 07/24/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | Calls from a Symposium CDN are routed to a dummy ACD-DN, when an ACD agent is unavailable to answer the call. The dummy ACD-DN is NCFW to the MMail ACD-DN. When the call reaches MMail, it shows the CDN instead of the dummy ACD-DN. The call reaches MMail but tries to go to a mailbox matching the Symposium CDN. | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

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|----------------------------|---|-----------------------|
| Problem Category | CDN Name MP14998 MPLR15779 | Ref: PATCH: |
| Date reported | 07/19/2001 | |
| System impacted | Option 11C | |
| Software reported | Release 25 | |
| Description of incident | When an incoming call to a CDN terminates on an agents set in the default ACD queue, the name assigned to the incoming route ACOD is displayed, not the name assigned to the CDN. | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | TAPI soft client MPLR15887 | Ref: MP15859 PATCH: |
| Date reported | 09/13/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | ESN5 signaling information (TCOS) are displayed on TAPI Soft Client in ringing and active state. | |
| Impact on system operation | Medium. | |

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| Workaround | Patch is available |
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|----------------------------|--|--------------------------------------|
| Problem Category | SCCS Real Time display for Agent (500 set) MPLR16103 | Ref: MP16876 PATCH: |
| Date reported | 11/17/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | Symposium with 500 set agents, extra call pegged after 500 set configured as an Agent transfers call over MCDN trunk | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

Call Center Applications

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|----------------------------|---|--------------------------------------|
| Problem Category | CLID on TAPI or Symposium MPLR12550 | Ref: MP15642 PATCH: |
| Date reported | 08/30/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | The CLID of a caller will be displayed on any symposium agent and TAPI even if DDGD is configured | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

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|----------------------------|---|--------------------------------------|
| Problem Category | 108 IVR ports configured in Symposium for GiveIVR. None | Ref: MP17291 PATCH: |
| Date reported | 08/30/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | 10% calls not getting GIVR treatment with 108 IVR ports | |
| Impact on system operation | Medium. | |

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| Workaround | Reduce number of configured IVR port to 96 |
|------------|--|

CallPilot

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|----------------------------|--|--------------------------------------|
| Problem Category | Agent login cannot be invoked None | Ref: MP17013 PATCH: |
| Date reported | 11/28/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | A CallPilot system connects to a Symposium system using the MLink. The CallPilot channels are acquired by Symposium as monitored agents (with ALOG = yes), when you disable an agent (from CallPilot) and then enable the agent. The disable/enable operation would send a SFI (logout/login) request over the MLink to Symposium, which in turns sends the request to the M1. The M1 fails the request saying that the feature cannot be invoked. | |
| Impact on system operation | Medium. | |
| Workaround | Disable and re-enable the agents from the M1, triggering the ALOG to work. | |

Option 11C

| | | |
|----------------------------|--|---------------------------|
| Problem Category | MSDL Loadware MP16186 NONE | Ref: PATCH: |
| Date reported | 10/05/2001 | |
| System impacted | Option 11 C | |
| Software reported | Release 25 | |
| Description of incident | SDL PSDL does not download during software upgrade | |
| Impact on system operation | Medium. | |
| Workaround | Disable the D-channel and loop then enable the MSDL and D-channel or force download to the MSDL when the loop is disabled. | |

Administration

| | | |
|----------------------------|---|--------------------------------------|
| Problem Category | Inventory for i2004 in LD 117 NONE | Ref: MP16651 PATCH: |
| Date reported | 10/05/2001 | |
| System impacted | Option 11C | |
| Software reported | Release 25 | |
| Description of incident | Inventory PRT in OVL 117 does not include i2004 sets | |
| Impact on system operation | Medium. | |
| Workaround | Use IDU command in overlay 32 to list i2004 sets one by one | |

Features

| | | |
|----------------------------|---|--------------------------------------|
| Problem Category | BUG4006 MPLR16314 | Ref: MP17376 PATCH: |
| Date reported | 01/03/2002 | |
| System impacted | All system | |
| Software reported | Release 25.40 | |
| Description of incident | A call transferred by the night-DN to a set, which doesn't answer, should get routed back to night-DN as per configuration. Instead, BUG4006 is printed and the Set remains busy. | |
| Impact on system operation | Medium. | |
| Workaround | Press SCR key on the ringing set and then release the key. Patch is required only for sites with the RGNA treatment for internal or external calls is set to DAR (disconnect) | |

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | Misoperation of CFNA for internal calls MPLR15937 | Ref: MP16269 PATCH: |
| Date reported | 10/6/2001 | |
| System impacted | | |
| Software reported | Release 25 | |
| Description of incident | Internal Call is routed back to the caller (to a hunt DN of the originating set), if analog set does not answer (with CLS FNA and CFTA, but without FTR LDN) | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

| | | |
|----------------------------|---------------------------------------|--|
| Problem Category | Initialization MPLR16077 | Ref: MP16630 & MP17092 PATCH: |
| Date reported | 10/6/2001 | |
| System impacted | | |
| Software reported | Release 23 & 24 | |
| Description of incident | INI 1D Related to Class Sets and VMWI | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

| | | |
|----------------------------|--|--|
| Problem Category | Call hunt to key 01 failed when TRCL is set to 1 [System default = 0] | Ref: MP17392 PATCH: TBD |
| Date reported | 01/28/2002 | |
| System impacted | All system | |
| Software reported | Release 25.40 | |
| Description of incident | When Total Redirection Count Limit (TRCL) in LD 15 is set to 1, call hunt to key 01 or Voice mail is not working | |
| Impact on system operation | Medium. | |
| Workaround | Patch will be available for sites setting TRCL value other than 0 “the default” | |

| | | |
|----------------------------|---|--------------------------------------|
| Problem Category | BFS does not monitor large number of sets MPLR16313 | Ref: MP17398 PATCH: |
| Date reported | 01/24/2002 | |
| System impacted | All system | |
| Software reported | Release 25.40 | |
| Description of incident | BFS lights do not come on when a set is been monitored by large number of sets (more than 20) | |
| Impact on system operation | Medium. | |
| Workaround | Patch is available | |

Agent Greeting

| | |
|----------------------------|--|
| Problem Category | Transfer a Call to a queue Ref: MP16610 PATCH: MPLR16174 =MPLR13093+ MPLR15844 |
| Date reported | 10/31/2001 |
| System impacted | All system |
| Software reported | Release 25 |
| Description of incident | When a call from the console is extended to a queue with Agent Greeting set, the console cannot release correctly from the call if the agent answers before the attendant releases the call .The call is staying on a Loop key on the console. |
| Impact on system operation | Medium. |
| Workaround | Wait till the call is answered before releasing it. This PEP incorporates the functionality of two existing R25.15 PEPs, MPLR13093 and MPLR15844. Both these PEPs effect the same procedures so the patches had to be merged. These two PEPs will have to be removed before MPLR16174 may be installed. After this PEP is installed the greeting will not be played until the attendant releases the call. |

ELAN

| | |
|----------------------------|---|
| Problem Category | Application Ref: MP15897 PATCH: NONE |
| Date reported | 11/14/2001 |
| System impacted | All systems |
| Software reported | Release 25 |
| Description of incident | When CallPilot server and Symposium server were connected to the M1 over the ELAN and a power failure occurred, both servers went down without being able to de-acquire the resources (e.g., ACD agents, CDNs). When the power came back on, the servers might not come up in the order that they were previously started. Sometimes the M1 would hand out the first available ELAN number to the first application connected to the ELAN. When the EALN number was different from what it was previously assigned, CallPilot and/or Symposium would fail to acquire the agents and CDNs (because they were still acquired under the previous ELAN number). |
| Impact on system operation | Medium. |

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| Workaround | Manually restart the servers in the order that they were assigned ELAN numbers (before the power failure) such that the same ELAN number would be re-assigned by M1. |
|------------|--|

MICB2

| | | |
|----------------------------|--|--------------------------------------|
| Problem Category | MICB2 with external server | Ref: MP16557 PATCH: |
| | NONE | |
| Date reported | 10/29/2001 | |
| System impacted | All system | |
| Software reported | Release 25 | |
| Description of incident | When an embedded server for MICB2 is used there is a limit to 100 users / card or an error message is provided. This does not happen for an external server and does cause problems for nightly MICB2 backup routines. When MICB2 with external serve has more than 100 users / MICB card, the backup routine gets a Watchdog timeout and backup routine fails which causes MICB card to re-load. NTP Documentation Correction to limit the users to 100 for both embedded and external servers | |
| Impact on system operation | Medium. | |
| Workaround | NTP Documentation Correction to limit the users to 100 for both embedded and external servers | |

ITG Line 2.2 & IP Phone

Refer to “Read Me First ITGL 2.2” Bulletin for full list of recommended patches and workarounds

ISDN & Trunks

| | | |
|----------------------------|---|--------------------------------|
| Problem Category | QSIG Trunks MPLR16112 | Ref: MP15784 PATCH: |
| Date reported | | |
| System impacted | All M/C types | |
| Software reported | Release 25 | |
| Description of incident | Switch INIs when trying to use VM speed dial from IPC set over QSIG with overlap signaling enabled | |
| Impact on system operation | Medium, Calls to VM cannot be made using speed dial from Turret set over QSIG when overlap signalling is enabled as the switch INIs . | |
| Workaround | Patch is available | |

| | | |
|----------------------------|---|--------------------------------|
| Problem Category | MCDN MPLR16220 | Ref: MP15975 PATCH: |
| Date reported | 20/09/2001 | |
| System impacted | All machine types | |
| Software reported | Release 25.30 | |
| Description of incident | Supervised transfer to call pilot does not work when TAT is active in the network. | |
| Impact on system operation | High, Appears always. As a result call drops. Call transfer to call pilot cannot be performed. The transfer key gets locked. | |
| Workaround | Disable TAT or load MPLR16220 | |

| | | |
|----------------------------|--|--------------------------------|
| Problem Category | New TDD relay number 711 over NI-2 MPLR16303 | Ref: MP17334 PATCH: |
| Date reported | 12/20/2001 | |
| System impacted | All system | |
| Software reported | Release 25.30 | |
| Description of incident | New TDD 711 number will not complete over NI2 | |
| Impact on system operation | Medium, | |

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|------------|--|
| Workaround | Patch is available or Build new RLI route list index with NI2 entries and built dummy DMI Digit manipulation table (insert none and delete none) and change the call to LOC. |
|------------|--|

| | | |
|----------------------------|---|----------------------------------|
| Problem Category | NI-2 MP17826 MPLR16274 | Ref: PATCH: |
| Date reported | 01/24/2002 | |
| System impacted | All system | |
| Software reported | Release 25.30 | |
| Description of incident | Name coming in a Facility message on NI-2 interface is not tandemed across MCDN and QSIG. | |
| Impact on system operation | Medium, | |
| Workaround | Patch will be available | |

M3900 sets

| | |
|----------------------------|---|
| Problem Category | M3905 user can't read advice of charge information Ref: MP16861 PATCH: MPLR16277 |
| Date reported | 11/16/2001 |
| System impacted | All system |
| Software reported | Release 25.40 |
| Description of incident | MRK key doesn't work on M3905 IF MTRO=PPM only when using non-prim DN. |
| Impact on system operation | Medium, |
| Workaround | Patch is available |

Appendix E: PEPs available for 25.40 GA

| Patch | PR | Feature | Title | Public |
|-----------|--------------------|------------|--|--------|
| MPLR13881 | MP12396 | ACD | ACD NCFW STOPS WORKING SYSTEM WIDE | YES |
| MPLR15779 | MP14998 | ACD | CDN name not displayed when answered at default ACD DN | YES |
| MPLR12550 | MP15642 | ACD | CLID (for DDGD set) is shown on ICCM agent and TAPI | YES |
| MPLR15691 | MP14327 | ACD | Streams of AUD069 and cross talk | YES |
| MPLR15726 | MP13853 | ACD | BUG4231 on symposium acquire set | YES |
| MPLR15860 | MP15630 | ACD | Meridian Max shows High values of Calls waiting | YES |
| MPLR15879 | MP15740 | ACD | NO CDN name display after CO call forward | YES |
| MPLR15887 | MP15859 | ACD | TCOS digits display on TAPI | YES |
| MPLR15892 | MP15882 | ACD | BUG680 and VNS Bugs when VNS is not being used | YES |
| MPLR15928 | MP13830 | ACD | INTERACTOINS BETWEEN IDN AND NRDY OPERATION | YES |
| MPLR15929 | MP16220 | ACD | USM RINGING SENT TWICE, RELATED TO FNA | YES |
| MPLR16103 | MP16876 | ACD | SYMPOSIUM problem with 500 set AGENTS (extra call pegged) | YES |
| MPLR16124 | MP16974 | ACD | BUG6246 and mail agents go into busy state | YES |
| MPLR16149 | MP17065 | ACD | BERR705 FROM RCVY_MAINT_AUDIT | YES |
| MPLR16164 | MP12815 | ACD | S-LINK PROGRESS MESSAGE | YES |
| MPLR15825 | MP15359 | ADMIN | SCH0011 given after service change of BCS set with PVR | YES |
| MPLR16061 | MP16508 | ADMIN | SSL not printed in LD21 for DID incoming only DTI2 route | YES |
| MPLR16174 | MP16610 | AGENT-GRTG | Console extended call to agent greeting is unable to RLS | YES |
| MPLR15636 | MP13874 | ATTN | DMI digits inserted twice when attendant transfer | YES |
| MPLR13010 | TM17734 | CALLPILOT | Intermittent ring no answer on 5.11G | YES |
| MPLR15156 | MP10913 | CALLPILOT | Revert to 1800 number fails from Call Pilot. | YES |
| MPLR15752 | MP14877 | CALLPILOT | BUG740 | YES |
| MPLR15829 | MP10284 | CALLPILOT | CDN passed to CALLPILOT when call is sent to phantom DN | YES |
| MPLR16214 | MP17255 | CALLPILOT | DISA call can not go to CALLPILOT | YES |
| MPLR16213 | MP10284 BV82596 | CALLPILOT | MP10284 - CDN passed to Callpilot when call is sent to phantom DN (Merged PEP) | YES |
| MPLR15831 | MP15436 | CALLPROC | One more INI 1D from procedure ENDHUNT | YES |
| MPLR16084 | MP14138 | CDR | No CDR N record when a call forwards to Callpilot | YES |
| MPLR15737 | MP14867 | CPP | CPP overloads MSDL with IAS CCR-AML Messages | YES |
| MPLR10194 | BV68508 | DTI2 | Midnight routines incorrectly cause DTI2 to go OOS | YES |
| MPLR10902 | BV80408 | DTR | TDS514, TDS830 during midnight routine | YES |
| MPLR16314 | MP17376 | FEATURES | BUG4006 RGNA Set not cleared | YES |

| Patch | PR | Feature | Title | Public |
|-------------------|--|----------|--|--------|
| MPLR16077 | MP16630 | FEATURES | INI000 001D from NIL VMWI_CRPTR, procedure CLASS_VMWI | YES |
| MPLR16313 | MP17398 | FEATURES | BFS key lights do not work | YES |
| MPLR15788 | MP15257 | FEATURES | Hot Dial Call To ACD Queue Forwarded to CDN not working | YES |
| MPLR15937 | MP16269 | FEATURES | Mis-operation of cfna for internal calls | YES |
| MPLR16106 | MP16883 | FEATURES | Taurus AND I2004 CFW Displays Not Updated By BFS Key. | YES |
| MPLR15446 | MP07233 MP11141 MP12206 MP10822 | FNF | FIJI : When switching clocks ,ring state changes. | YES |
| MPLR16171 | MP16999 | IP_PHONE | TCP link starts before RUDP does | YES |
| MPLR16227 | MP17486 | IP_PHONE | RLMTPSEXCH Message needed to be changed on 68XX CPUs | YES |
| MPLR16112 | MP15784 | ISDN | QSIG with overlap signalling Speed dial | YES |
| MPLR16220 | MP15975 | ISDN | NOT POSSIBLE TO TRANSFER AGAIN AFTER 1ST TRANSFER ATTEMP | YES |
| MPLR16274 | MP17826 | ISDN | Name in a Facility message on NI-2 is not tandemed. | YES |
| <i>MPLR07335*</i> | BV42863 | ISDN | ISL Tandem to Numeris causes BUG1365 | YES |
| MPLR11106 | BV81327 | ISDN | Octel DMID integration fails intermittently | YES |
| <i>MPLR11286*</i> | BV81802 | ISDN | BRIT is not reseted when L1 goes down on numeris | YES |
| <i>MPLR11406*</i> | BV82211 | ISDN | Cannot CFW if incoming and outgoing trunks are R2MFC. | YES |
| <i>MPLR12097*</i> | MP02502 | ISDN | EURO ISDN channel remains busy | YES |
| <i>MPLR12176*</i> | BV83619 | ISDN | DPNSS CHANNELS LEFT IN HALF DISC BY VNS IN UK | YES |
| <i>MPLR12511*</i> | MP05829 | ISDN | Noise on DPRI2 channel timeslot 7 | YES |
| <i>MPLR12848*</i> | MP08964 | ISDN | BERR705 form QNDS_HANDLER | YES |
| <i>MPLR13015*</i> | MP09252 | ISDN | Call blocked from EDSS1 to MCDN if data call is from GSM | YES |
| <i>MPLR13119*</i> | MP09782 | ISDN | BNE call diversion/partial rerouting does not work. | YES |
| <i>MPLR13138*</i> | MP10514 | ISDN | NO ACNT CODE IN CASE OF TRANSFER VIA EXTERNAL IVR SYSTEM | YES |
| MPLR13426 | MP11385 | ISDN | INI 1D in UPDATE_LINK procedure | YES |
| <i>MPLR13565*</i> | MP11520 | ISDN | DATA calls fail due to OVERLAP signalling BCAP interact | YES |
| <i>MPLR14519*</i> | BV66416 | ISDN | BRI S0 ports going into MBSY state | YES |
| MPLR14738 | MP09742 | ISDN | NI2 call by call routing DSC with FLEN = length of NCDP | YES |
| MPLR15300 | MP12468 | ISDN | RCFW over tandem is not working when NAS is programmed | YES |

Note: PEPs considered European Specific PEPs are highlighted in Italics with *

| Patch | PR | Feature | Title | Public |
|-------------------|--------------------|---------|--|--------|
| MPLR15662 | MP14087 | ISDN | Wrong greeting by Octel in case of CFW and incoming GSM call | YES |
| <i>MPLR15690*</i> | MP14190 | ISDN | SL1 uses CREF of active call for new SETUP REQ | YES |
| <i>MPLR15706*</i> | MP12801 | ISDN | Extra tone is added when EES is used with ADL key | YES |
| MPLR15716 | MP11605 | ISDN | INI 000C from PRA_IDLE_CHANNEL / IDLECR / REMOVE | YES |
| <i>MPLR15769*</i> | MP14934 | ISDN | INI and BERR705 when ALERT was sent on QSIG ESGF | YES |
| MPLR15808 | MP15250 | ISDN | BUG9014 on ISDN calls if originator is trunk | YES |
| MPLR15827 | MP15348 | ISDN | NIBUG030 | YES |
| <i>MPLR15863*</i> | MP15708 | ISDN | CAUSE 20 "Subscriber absent" is not accepted by M1 | YES |
| <i>MPLR15880*</i> | MP15972 | ISDN | BERR0705 when DLi2 information were received via EURO | YES |
| <i>MPLR15882*</i> | MP15808 | ISDN | ERR5523 at each tandem call from Siemens HiCom | YES |
| <i>MPLR15906*</i> | MP16002 | ISDN | DIV # is missing when routing to DPNSS via PLDN | YES |
| <i>MPLR15912*</i> | MP15151 | ISDN | Number is incorrect in TAND case when RCAP=ND3, SIGO=ESN5 | YES |
| MPLR15913 | MP16060 | ISDN | Network Remote Call Forward not working | YES |
| <i>MPLR16058*</i> | MP16507 | ISDN | UNWANTED INTERCEPT OF ACTIVE CALL TO ATTENDANT | YES |
| MPLR16062 | MP16513 | ISDN | Locked sets when ATT transfer parked call over network | YES |
| MPLR16064 | MP16535 | ISDN | BERR705 with QSIG GF involving a CFNA an LDN and 500 set | YES |
| <i>MPLR16074*</i> | MP16791 | ISDN | NCOS Barring With CFF Does Not Work With DPNSS Diversion | YES |
| <i>MPLR16111*</i> | MP16915 | ISDN | BERR0705 / INI related to EURO ISDN -> MCDN gateway | YES |
| <i>MPLR16131*</i> | MP17011 | ISDN | QSIG: AFTER PATH REPLACEMENT, SET CAN'T PRESS TRN | YES |
| MPLR16156 | MP17058 MP15000 | ISDN | MP15000 - YLAHALLICDR No Dialed digits in X record with PPM | YES |
| <i>MPLR16179*</i> | MP17224 | ISDN | DIGITS MISSING ON SET DISPLAY AFTER QSIG TRANSFER | YES |
| MPLR16261 | MP17770 | ISDN | BERR/INI Related to GF_Utility | YES |
| MPLR15925 | MP16253 | ITGT2.0 | Perceptible loss in connecting ITG2.0 with analog set. | YES |
| MPLR16051 | MP16273 | ITGT2.0 | CLID field too large stops calls across ITG. | YES |
| MPLR15930 | MP16217 | MAT | BERR705 in task SNMP if Event Prefs changed in MAT | YES |
| MPLR13028 | MP09314 | MCA | MCA CARD USED IN CALL CONTROL MODE DROPS SOME DIGITS | YES |

Note: PEPs considered European Specific PEPs are highlighted in Italics with *

| Patch | PR | Feature | Title | Public |
|-------------------|--------------------|----------------|--|---------------|
| <i>MPLR12417*</i> | MP02226 | MDECT | WRONG CALLING PARTY NAME ON THE DISPLAY OF MDECT SET | YES |
| <i>MPLR14164*</i> | MP11932 | MDECT | Blind call transfer on MDECT does not work in DCS mode | YES |
| <i>MPLR15719*</i> | MP14611 | MDECT | BUG085 disconnect message from a dect set | YES |
| <i>MPLR15720*</i> | MP14613 | MDECT | Calls lost when MDECT set uses MPO DISD with Callpilot | YES |
| <i>MPLR15778*</i> | MP14983 | MDECT | BUG6244 on DECT calls | YES |
| <i>MPLR15908*</i> | MP15966 | MDECT | MSMN PKG 370 causes dropped calls on non DCS DECT config | YES |
| <i>MPLR15952*</i> | MP12104 | MDECT | Manual CFW cancelled with MSMN | YES |
| <i>MPLR16078*</i> | MP12445 | MDECT | DCS sets CFW is locked on 16 | YES |
| <i>MPLR16079*</i> | MP16616 | MDECT | Time of day displayed on MDECT handsets | YES |
| <i>MPLR16080*</i> | MP16617 | MDECT | Far End Disconnect on MDECT handsets Optional | YES |
| <i>MPLR16168*</i> | MP17140 | MDECT | DMC cards associated with DCS DECT sets are locking up. | YES |
| <i>MPLR16183*</i> | MP17225 | MDECT | DCS sets can not put in group hunt list | YES |
| <i>MPLR16285*</i> | MP16609 MP16615 | MDECT | MERGE of MPLR16070 - BERR705 from procedure DO_XALC_SETS and MPLR16071 - Twinned DCS continues to ring after ATTN RLS call | YES |
| <i>MPLR15492*</i> | MP12981 | MDECT | Wrong CDEN when copy single density to superloop | YES |
| MPLR15900 | MP15976 | MIPCD | MIPCD does not recognize “-” in the CLID | YES |
| MPLR10082 | BV68709 | MIRAN | MIRAN: set based OA&M PWD not correctly passed to MIRAN | YES |
| MPLR15936 | MP09269 | MIRAN | AUD662 and AUD031 during midnight routine | YES |
| MPLR11148 | BV81343 | NACD | BUG681 on NCFW ACD call, multi INI-C then System reload | YES |
| MPLR10373 | BV77778 | RPA | Feature FFC RPA code doesn't | YES |
| MPLR16248 | MP17409 | SIPE | BERR705 from task tSL1 while ENLL SILC | YES |
| MPLR16270 | MP17816 | SIPE | CHG IPR COMMAND FROM YES TO NO WILL CORRUPT CONFIG FILE | YES |
| MPLR16277 | MP16861 | TAURUS | MRK KEY DOES'NT WORK ON M3905 IF MTRO=PPM | YES |
| MPLR15951 | MP16345 | TAURUS | Continuous ringing on Taurus sets. | YES |
| MPLR16166 | MP17110 | TAURUS | ON HOOK DEFAULT PATH does not work with HFD | YES |
| MPLR16216 | MP17264 | TAURUS | Can only conf/Tran once on ACD M3905 FW 7.9 | YES |
| MPLR16245 | MP17503 | TAURUS | ACD force answer warning tone is missing | YES |
| MPLR16272 | MP17347 | TAURUS | Doesn't display "Day/Nite/Transition mode selected" | YES |
| MPLR16273 | MP17507 | TAURUS | M3900 Non System Call Park Display | YES |
| MPLR11061 | MP15566 | THORPLAT | Multiple INI-C caused by procedure REMOVE | YES |
| MPLR12088 | BV82987 | THORPLAT | Cross talk, call cut off and aud031 aud032 | YES |

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| Patch | PR | Feature | Title | Public |
|-------------------|---------|----------|---|--------|
| MPLR12136 | BV83138 | THORPLAT | Inactive CP fails takeover when active CP powered down | YES |
| MPLR15696 | MP13850 | THORPLAT | MAX, HSL goes down at 12:00AM on the 16th each month | YES |
| MPLR15857 | MP15615 | THORPLAT | BERR705 from local pd. SETUP_LOCAL_ORIG, PROC_CSL_I_MSG | YES |
| MPLR16055 | MP12138 | THORPLAT | LRA & MC not checked in MAT when retrieved via TTY | YES |
| MPLR16303 | MP17334 | TRUNKS | TDD 711 number will not complete over NI2 | YES |
| MPLR06859 | BV44211 | TRUNKS | NT8D14 IN UNSUP LOP START MODE RELEASES CALL TOO SLOWLY | YES |
| MPLR11592 | BV82689 | TRUNKS | IVR transferred call will not complete | YES |
| <i>MPLR15467*</i> | MP12854 | TRUNKS | CLRF (R) recognized as dialing pulse on CIS DTI2. | YES |
| MPLR15876 | MP15720 | TRUNKS | WARMSTART tSL1 RESTART from DDD_MODULE | YES |
| MPLR15895 | MP15926 | TRUNKS | CONN (S) signal is not sent CDTI2 call to DISA | YES |
| MPLR10714 | BV79511 | VNS | NACD target queue closed with ERR5001 print out | YES |
| MPLR15751 | MP14530 | VNS | VNS causing system to INI or SYSLOAD | YES |

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Generic X11 Release 25

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