Option 11C/ 11C Mini Installer's Checklist
P0914619

The **Generic X11 Release 25.15** software for Option 11C and Option 11C Mini systems includes five (5) manufacture installed Performance Enhancement Products (PEPs) applicable to all regions, resolving the following problems:

Patch #	PRS ID	Description
MPLR13135	MP10415	**M3900** – Dial Intercom – set display not correct
MPLR13167	MPx0000	**LD22** – enhanced ISS command to print PSWV version
MPLR13247	MP10832	**LD22** – enhanced ISS command to print PSWV version (works in conjunction with MPLR13167)
MPLR13214	MP10701	**M3900** – Conference/Transfer instructions not display
MPLR13213	MP10736	**M3900** – failed download if user in Options menu

The purpose of this software update is also to introduce new firmware to support the above changes. Performing a software upgrade will automatically update the new psdl firmware as well as providing the peps listed above.
For Installer's wishing to only change their firmware, this can be accomplished by following the procedure as outlined in the X11 PSDL Installation Guide which is posted on the Meridian 1 Electronic Software Distribution website (M1ESD).

The new Option 11C software daughterboard versions are as follows:

United States	Canada	CALA	Asia/Pacific	Japan
NTSK11AP R09	**NTSK12AP R07**	**NTSK02AP R07**	**NTSK03AP R07**	**NTSK15AP R07**

The new Option 11C Mini system controller versions are as follows:

North America	CALA	Asia/Pacific	Japan
NTSK11ZP R09	**NTSK02ZP R07**	**NTSK03ZP R07**	**NTSK15ZP R07**

The software version can be identified by the Product Issue of the pre-programmed daughterboard, (or system controller on Option 11C Mini) or PCMCIA card. Product Issue may be determined by locating the label with the product code (i.e. NTSKxxAP, NTSKxxZP, or NTSKxxBP) on either the software box, the software daughterboard, or the PCMCIA card. The Product Issue is the two digit number immediately following the product code. Note that the "xx" in the NTSKxxAP, NTSKxxZP, and NTSKxxBP indicates the region to which the software is released. Internet software provided on the M1ESD web site also names the various software loads according to release and issue of software, as well as the number of PEPs included in the load.

PEP's Descriptions

MPLR13135 is designed to correct a problem on the M3900-series sets that cause the set display to not show the expected instruction information when the feature is activated

MPLR13167 is an added enhancement for the purpose of providing supplementary information regarding the version of PSWV software currently installed on the system. This information allows for quicker identification and resolution of problems by technical support personnel.

MPLR13247 works in conjunction with MPLR13167 above

MPLR13214 corrects a problem that causes the Phase I M3900 sets to not display the instructions for Call Transfer and Conference. The instructions - "call on hold, dial number" will now appear on the set display.

MPLR13213 corrects the situation of the download to M3902 and M3903 sets not completing if a user stays logged into the Options menu while a download is in process.

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NOTE: This document is pertinent for Option 11C and Option 11C Mini on R25.15

CAUTION

Ensure that the NTDK20 SSC card is on a **FLAT** surface before installing the Software Daughterboard and

Security Device. Ensure that the NTDK97 MSC is on a **FLAT** surface before installing the Security Device.

DAMAGE MAY RESULT if this is done with the card still in the box!

Upgrades from Release 22, 23, or 24 to Release 25

When upgrading from **Release 22, 23, or 24 to Release 25 or higher**, you **MUST** use the SYSLOAD method of upgrading described in the Option 11C NTPs (either the Upgrade Procedures or the Software Installation Program Guide). Upgrading from Release 22 to 24 or a higher Release cannot be achieved properly using the UPGRADE command.
When using the SYSLOAD method, service on the entire system is typically disrupted for 20 to 30 minutes.

NEW - Software daughterboard change - NTTK13AA

The NTTK13AA is a 48 Meg card that is split into 32 Meg of program store and 16 Meg of C: Drive. This card is only backward compatible to 24.24. The installation of the card is the same as with the NTDK81. If you are upgrading from an NTDK21 card, please ensure that you have the latest bootcode from your release 25.15 PCMCIA card. (see Upgrade NTP).

NTDK97AB Mini System Controller

This controller is designed specifically for the Option 11C Mini which has forced air cooling. DO NOT install this controller in an Option 11C Cabinet (NTAK11) as it will generate excess heat and system damage will result. In addition this controller, when installed in an Option 11C cabinet DOES NOT meet regulatory standards.

NTDK97 – Faceplate LED status

The Link light will be "on" during sysload, then turn "off" after the ethernet interface is enabled (whether ethernet is configured or not) and remain "off" during normal use.

Before starting make sure you have the following:
11C SYSTEM
• NTDK20 SSC Card   • Software Daughterboard (NTTK13)   • Security Device   • Keycode Datasheet
Mini SYSTEM
• NTDK97 MSC Card   • Security Device   • Keycode Datasheet

The following guides from the NTP suite may be needed to complete installation:

• Option 11C Planning and Installation Guide   • Option 11C and Mini Upgrade Procedures Guide

• Option 11C Mini Planning and Installation Guide

• Set the baud rate for Port 0 of the SSC/MSC card, using the dip switch on the SSC/MSC card faceplate. **Port 0 is the only SDI port that can be used for software installations and upgrades**.

• After successful install of the system, make sure that Port 0 of SSC/MSC card is configured as a Maintenance Terminal/TTY. This is required for future software upgrades.

• If upgrading from an Option 11E multi-cabinet system that has fibre connection to the expansion cabinets, it is recommended that the keycodes be validated on the main cabinet first before swapping out the expansion cabinets.

INSTALL MENU

If installing Option 11C using a Software Daughterboard for a brand new system or for an upgrade from an Option 11/11E to 11C, select Option 1. If installing Mini using a Mini System Controller for a brand new system, select Option 1.

"**Basic Configuration**" database option includes the following items: Directory, Configuration Record, XPECs blocks, Superloops blocks, Patch, Physical Dump Record, IMS TN Table, IMS Links No, Table, Asynch Blocks, CSL Blocks, VAS Blocks, Background TTY Blocks, Background Port ID Blocks, Aries Data Block, SYS PARAMS Block, LAPW Blocks. For a more extensive default data block, please choose "Pre-Configured Data".

If installing using a PCMCIA card, select Option 4 for a new system or Option 2 to upgrade an Option 11/11E to Option 11C, or to upgrade software to a new release or issue.

The data you need to enter in the INSTALL MENU is provided on the Keycode Datasheet.

For Option 11C Mini check that the number of TNs has been entered correctly from the keycode sheet.

When performing new system installation, please ensure that the default AUX ID matches the AUX ID from keycode data sheet.

If the keycodes don't work, check the following:

-software issue, feature set name and any additional packages, TNs, ISM parameters, security ID, auxiliary ID (the old site ID, if this is an upgrade), and ensure the correct keycodes were entered. All items must match the keycode sheet exactly.

If they still do not work, then call your service representative.

SYSTEM UPGRADE FROM Option 11/11E to Option 11C, retaining copper interface

If you are installing the NTDK26 Backwards Compatible Daughterboard on the SSC card, jumper J7 must be removed prior to installing the card.

SYSTEM UPGRADE FROM Option 11 or 11E to Option 11C

The following two methods can be used to extract customer data from Option 11/11E software cartridge:
• PC with the Option 11/11E data stored in a CCBR file, or   • NTDK30 Database Upgrade Tool

SOFTWARE UPGRADE ON Option 11C or Option 11C Mini

The following is required: Software on PCMCIA card and new keycodes

NEW - WEBSITE FOR SOFTWARE DOWNLOAD

Please be aware of the new website for the Option 11C software download. The new site is located at: http://www.nortelnetworks.com/servsup/esd/meridian1/ . You will need to register to accessing this site.