# Feature Bill of Material (FFBM)

# INSTALLATION of MICROCODE Level F70090

## On 3746-900 attached to 3745-xxA
## or
## on 3746-950 alone
## or
## 3745-xxA alone
## With Service Processor Type: 6563 65U (FC5054), or
## 6275 Model 56U or 83U (FC 5053),
## or 7585-P02 (FC 5052)

Written by:      F.Bucquet
Modified by:     J.Holtslag
Checked by:      J.Combes, C.Franoux, P.Planas-Comas
Approved by:     T.Calvanico
Reviewed by:     J.Wicks

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 1 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**1**

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 2 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

# Before Installation (Steps 1-8)

## 1.0 Machines Affected

3746 Models 9x0

- With Service Processor Type: 6563 Model 65U (FC 5054), 6275 Model 56U or 83U (FC 5053) , or 7585-P02 (FC 5052)

- Without Microcode Level F70090.

  **Checkpoint**: Check that the EC level is F70090.

  If level is not present you must upgrade the Service Processor and the 3746-9x0 according to this instruction.

**Note:** Refer to 1.1, "Displaying the Level of Code Installed" for displaying the level of code.

## 1.1 Displaying the Level of Code Installed

1. On **MOSS-E View** window, click on **help**.

2. On **Help** window, click on **About**

3. On the **MOSS-E View About** window, click on **Licensed Internal Code**. On the window obtained the code EC number is displayed.

4. Click on **Close**, then **OK** to leave the function.

## 2.0 Related BMs and ECs

## 2.1 Prerequisites

(Must be installed prior to this installation)

Installed MAE FC 3000 (if any) must be upgraded to MAE FC 3001 (MAE FC 3000 conversion to MAE FC 3001 must be ordered via MES).

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|------------|-----------|--|--|
| FBM | 3 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

---

**Important!**

If you are, at the same time using the Installation Instructions PN 02L1268, converting the MAE **FC 3000** to the MAE **FC 3001** (which consists in migrating from an MAE that connects to the token-ring, to an MAE that directly connects to the 3746-9x0 switch), then check that:

1. The customer has migrated the configuration files according to the instructions documented in the SA33-0475, *MAE Configuration Migration Guide from FC 3000 to FC 3001*.

2. The **PN** of the **MAE system card** currently plugged in your MAE **is not** one of the following:  **78H6297, 11J7464, or 89H8395**.  Otherwise replace the MAE system card using the installation instructions PN **02L4064** to be used for the system card P/N 31L4336.

---

## 2.2  Co-requisite

(Must be installed together)

None

## 2.3  Companion

(May be installed together)

None

# 3.0  BMs to be Installed

| FBM | Title |
|---|---|
| **10K8544** | Installation of Microcode level F70090 on 3746-9x0 attached to 3745-xxA, and/or an 3746-950 stand-alone. |

# 4.0  Preparation

- Familiarize yourself with the purpose and details of the installation instruction before negotiating machine time with the customer (refer to Figure 1 on page 8).

- Check all items listed on the BM(s) to determine that all parts have been received.

- Call your Support Center to obtain the Microcode Fixe(s) (MCF) to be installed with the new LIC.
  Or, connect to **http://www.lagaude.ibm.com/3746pe** and download the mandatory fixe(s).

- Obtain the maintenance password from the Customer.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|---|---|---|---|---|---|---|
| FBM | 4 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**4**

- If the customer has subscribed to RETAIN, ensure that both the 3745 and 3746-9x0 types and models are registered in RETAIN (CCPF).

  For U.S.A machines, please call the Raleigh Multiplexor Support Center and verify your machine's registration in CCPF for:

  – The seven digit serial number of the 3745 and 3746-9x0 are correct.
  – The three digit model designation for the 3745 and 3746-9x0 are correct.

# 5.0  Programming

**3746 Models 900 and 950 have a new requirement on NPM**.

All new 3746s and 3746 upgrades which include the Licensed Internal Code F64810 or above (F70090,...)  have the following software requirement on NetView Performance Monitor (NPM):

The reporting of active PU counts per TIC3, which is provided by the 3746 and MAE Extended Functions 4 (feature 5810 or 5811), requires NPM Version 2 Release 4 with APAR OW37743 (PTF UW59877) at minimum.

This APAR is required also for NPM users who do not need the reporting of active PUs per TIC3, but are operating the 3746 and MAE Extended Functions 4 (FC 5810 or FC 5811), or 3746 Extended Functions 2 (FC 5802) or any machine equipped with Licensed Internal Code at the engineering change level F64810 or above.

The APAR is available for the following NPM releases:

- NPM V2R2 (PTF UW59809)
- NPM V2R3 (PTF UW59810)
- NPM V2R4 (PTF UW59877)

# 6.0  Purpose and Description

Install the new level microcode level F70090.

- On the Service Processor, NNP(s) and MAE (if any), and
- Install on the 3746-9x0(s).

# 7.0  Installation Time

The installation time depends on:

- The number of 3746-9x0, and if any NNP and MAE are installed.
- The function used to update the LIC.  Two functions are available:
  – The **LIC restore** function, available from any code level.
  – The **Update SP (and NNP) LIC non-active version**, which can be used only from LIC F64810.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|------------|-----------|--|--|
| FBM  | 5 of 46   | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

### 7.1.1 LIC Restore Function

The **LIC restore** function is traffic-disruptive. However, the code can be loaded on the service processor while the traffic is running.

- Nondisruptive operation estimated time: 3746-9x0/MOSS-E Code level upgrade on the Service Processor: 35 up-to 60 minutes for LIC install.

- Disruptive operation estimated times per 3746-9x0:

    - Update the NNP: about 45 minutes.
    - Update the MAE: about 30 minutes.
    - 3746-9x0 General IML: 6 minutes.
    - 3746-9x0 EEPROM Upgrade: 6 minutes.

To be reported as **MES** installation.

| FB/M Installed | Machine Hrs | System Hrs | CE Hour | Nbr of CE |
|---|---|---|---|---|
| 10K8559 | 2 to 3 | 0 | 3 | 1 |

### 7.1.2 Update SP (and NNP) LIC Non-active Version Function

The **Update SP (and NNP) LIC non-active version** function is not operation- or traffic-disruptive. But, switching to the new version, after updating the non-active version, is disruptive. In the same way, changing the MAE LIC and performing a general IML are disruptive operations.

| FB/M Installed | Machine Hrs | System Hrs | CE Hour | Nbr of CE |
|---|---|---|---|---|
| 10K8559 | 1 | 0 | 1 | 1 |

# 8.0 Tools/Materials Required

None.

| 3746 FBM | PN 10K8559 6 of 46 | EC F70090 08 OCT 1999 | EC F70090A 18 NOV 1999 | EC F70110 20 JAN 2000 | | |
|---|---|---|---|---|---|---|

# Installation (Steps 9-12)

## 9.0 Safety

Not applicable.

## 10.0 Details of Installation

- If the current microcode level is anterior to **F64810**, the following phases take place:

  **Phase 1**

  During this phase, the Service Processor, the NNP (if any) and the MAE (if any) are upgraded. Upgrading the the NNP and the MAE is disruptive for the traffic flowing thru these units. For detail, see 10.1, "Procedure 1 - 3746-9x0/MOSS-E Code Level Upgrade" on page 9.

  **Phases 2 and 3**

  During these phases, every 3746-9x0 machine attached to the Service Processor is updated. For detail, see 10.3, "Procedure 2 - 3746-9x0 Code Level Upgrade" on page 32.

  Any of these phases is disruptive, but can be serially performed to avoid disrupting all machines at the same time.

- If the current microcode level is **F64810** or **above**, use the **Update SP (and NNP) LIC non-active version** in order to upgrade the LIC without traffic- or operation-disruption. For detail, see 10.4, "Procedure 3 - Update SP (and NNP) LIC on Non-Active Version" on page 35. Two phases take place.

  **Phase 1**

  During this phase, the non-active version of the LIC is updated, which is not disruptive.

  **Phase 2**

  During this phase, you switch to the non-active version that has been updated. This operation is disruptive. A general IML is required after switching to the new LIC version.

---

**To sum up...**

- For microcode level anterior to F64810, start with Procedure 1 on page 9 and continue with Procedure 2 on page 32.

- For microcode level F64810 and higher, start with Procedure 3 on page 35.

---

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 7 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**7**

If you are migrating a MAE from FC 3000 to FC 3001, refer to Figure 1 on page 8 to get the sequence of the installation tasks and the documentation to be used.

Tasks                                                    Documents

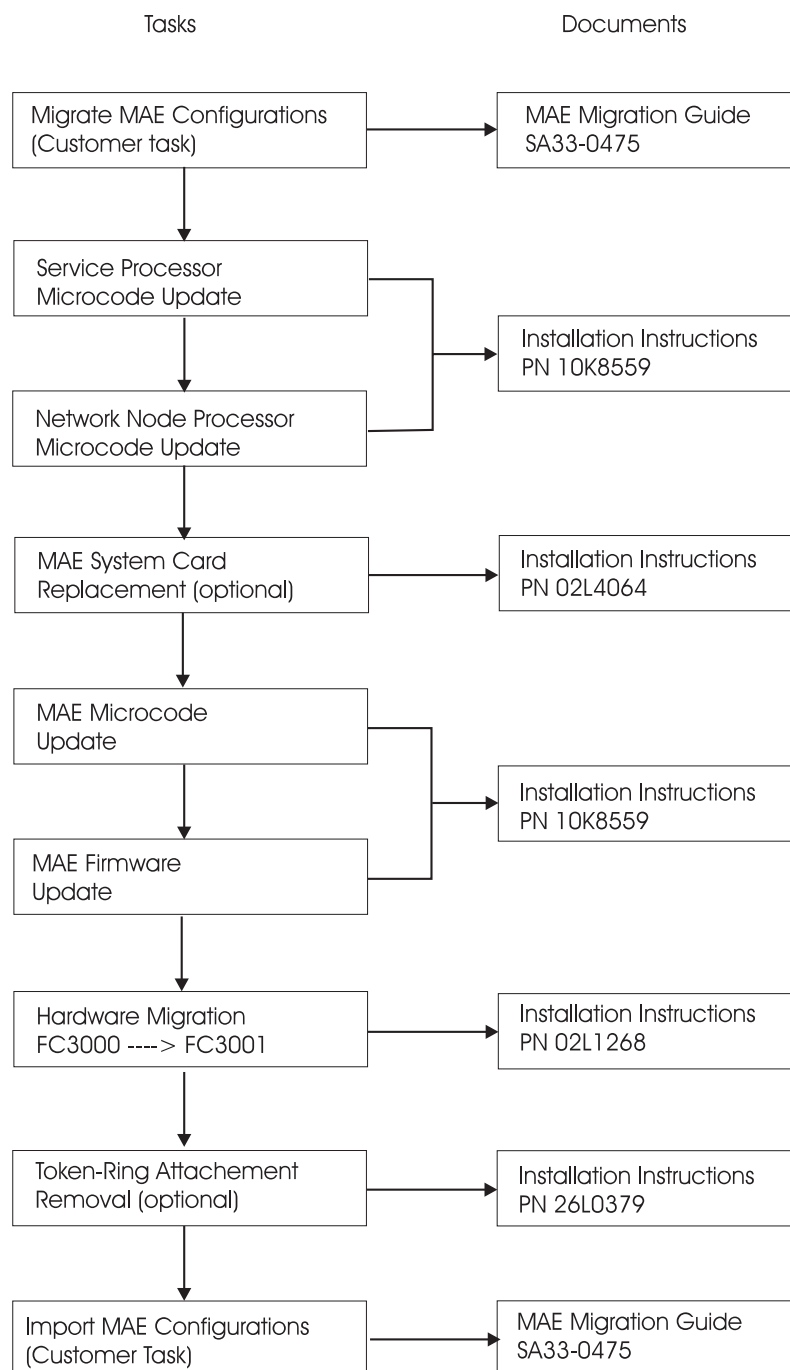| Migrate MAE Configurations (Customer task) | → | MAE Migration Guide SA33-0475 |
| Service Processor Microcode Update | → | Installation Instructions PN 10K8559 |
| Network Node Processor Microcode Update | | |
| MAE System Card Replacement (optional) | → | Installation Instructions PN 02L4064 |
| MAE Microcode Update | → | Installation Instructions PN 10K8559 |
| MAE Firmware Update | | |
| Hardware Migration FC3000 ----> FC3001 | → | Installation Instructions PN 02L1268 |
| Token-Ring Attachement Removal (optional) | → | Installation Instructions PN 26L0379 |
| Import MAE Configurations (Customer Task) | → | MAE Migration Guide SA33-0475 |

Figure 1. MAE FC 3000 to 3001 Migration Scenario

## 10.1   Procedure 1 - 3746-9x0/MOSS-E Code Level Upgrade

> **Saving the configuration...**
>
> Check the EC level of the current code installed on the service processor.
>
> - For microcode EC **F12380** or above (microcode available on **CD-ROM**), go to 10.1.5, "Saving Configuration on Diskette" on page 12.
> - For any other EC level **prior to F12380** (microcode available on **OD**), go to 10.1.1, "Saving the Configuration on the Optical Disk."

### 10.1.1   Saving the Configuration on the Optical Disk

__   1. If not already logged, enter the **Service Processor maintenance password** (default is IBM3745).

__   2. Double click on the **Service Processor** icon.

__   3. Click on **Operation Management**.

__   4. Double click on **Manage Disks and Databases**.

__   5. Click on **Save databases on optical disk** radio button.

__   6. Click on **OK** and follow the prompts.

__   7. When prompted, insert the optical disk.

__   8. When completed, click on **OK**, then click on **Cancel** to exit from the function.

### 10.1.2   Installing MES Data Save Function

__   1. Insert the **Customer Data Migration diskette** (PN 02L3850) in the Service Processor diskette drive.

__   2. Click on **Change Management**.

__   3. Double click on **Manage Microcode Fixes**

__   4. Click on **OK** for use of PE function.

__   5. On **Manage Microcode Fixes** window, click on **View** (On function bar). Then, click on **Change directory path** (On pull down menu)

__   6. On **Change Directory Path** window, enter **A:\\*.\***.  Then, click on **OK**.

__   7. On **Manage Microcode Fixes** window, click on the **fixes** to be applied.

| Driver | If LIC EC Level | Apply MCF |
|--------|-----------------|-----------|
| 607 | D2251X | MD22426.418 |
| 810 | D2256X | MD22726.418 |
| 830 | D4612X | MD22526.418 |
| 840 | D4613X | MD22326.418 |

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 9 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**9**

___ 8. Click on **File** (On the function bar).  Then, click on **Move** (On pull down menu).

___ 9. On the **Move Microcode Fix files** window, enter **J:\MCF\**.  Then, click on **OK**.

```
Enter the new path specification following the format {drive:\directory}:

 _____
 J:\MCF\
 _____



  ____        _____       _____
 | OK |      | Cancel |     | Help |
  ‾‾‾‾        ‾‾‾‾‾‾‾‾       ‾‾‾‾‾‾
```

___ 10. On the **Change Directory Path** window, enter **J:\MCF\ALL**.  Then, click on **OK**.

```
Enter the full path of path or directory to be displayed following the format
{drive:\directory\filename.extension or *}, or click on the OK push button
for default directory:

 _____
 J:\MCF\ALL
 _____



  ____        _____       _____
 | OK |      | Cancel |     | Help |
  ‾‾‾‾        ‾‾‾‾‾‾‾‾       ‾‾‾‾‾‾
```
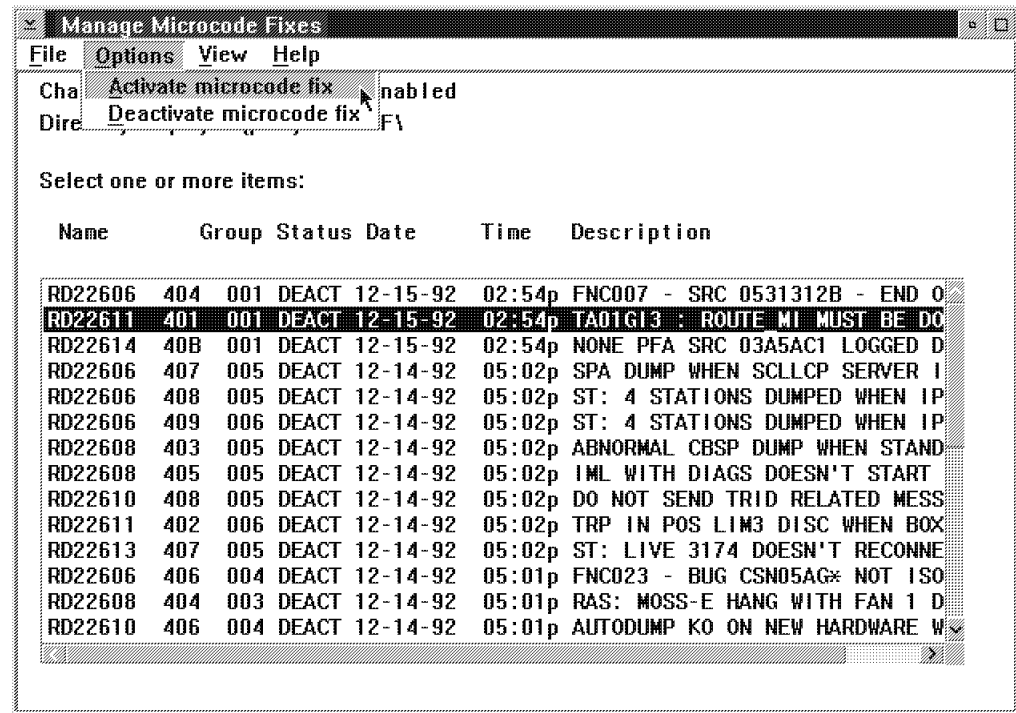
___ 11. Remove the diskette from the drive.

___ 12. On the **Manage Microcode Fixes** window, Click on the lines of the MCFs to be applied **MES-Data Migration**, click on **Options** (On function bar). Then, click on **Activate microcode fix** (On pull down menu).

___ 13. Answer **Yes** to reboot and shutdown.

| 3746 | PN 10K8559 | EC  F70090 | EC  F70090A | EC  F70110 | | |
|------|------------|------------|-------------|------------|---|---|
| FBM  | 10 of 46   | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**10**

```
┌──────────────────────────────────────────────────────────────────┐
│ ⌐ Manage Microcode Fixes                                    ▫ □   │
│ File  Options  View  Help                                          │
│ Cha▐ Activate microcode fix  ▌nabled                               │
│ Dire  Deactivate microcode fix  F\                                 │
│                                                                    │
│ Select one or more items:                                          │
│                                                                    │
│   Name     Group Status Date    Time    Description                │
│   ┌────────────────────────────────────────────────────────────┐  │
│   │ RD22606  404  001 DEACT 12-15-92  02:54p FNC007 - SRC 0531312B - END 0│
│   │ RD22611  401  001 DEACT 12-15-92  02:54p TA01GI3 : ROUTE MI MUST BE DO│
│   │ RD22614  40B  001 DEACT 12-15-92  02:54p NONE PFA SRC 03A5AC1 LOGGED D│
│   │ RD22606  407  005 DEACT 12-14-92  05:02p SPA DUMP WHEN SCLLCP SERVER I│
│   │ RD22606  408  005 DEACT 12-14-92  05:02p ST: 4 STATIONS DUMPED WHEN IP│
│   │ RD22606  409  006 DEACT 12-14-92  05:02p ST: 4 STATIONS DUMPED WHEN IP│
│   │ RD22608  403  005 DEACT 12-14-92  05:02p ABNORMAL CBSP DUMP WHEN STAND│
│   │ RD22608  405  005 DEACT 12-14-92  05:02p IML WITH DIAGS DOESN'T START │
│   │ RD22610  408  005 DEACT 12-14-92  05:02p DO NOT SEND TRID RELATED MESS│
│   │ RD22611  402  006 DEACT 12-14-92  05:02p TRP IN POS LIM3 DISC WHEN BOX│
│   │ RD22613  407  005 DEACT 12-14-92  05:02p ST: LIVE 3174 DOESN'T RECONNE│
│   │ RD22606  406  004 DEACT 12-14-92  05:01p FNC023 - BUG CSN05AG* NOT ISO│
│   │ RD22608  404  003 DEACT 12-14-92  05:01p RAS: MOSS-E HANG WITH FAN 1 D│
│   │ RD22610  406  004 DEACT 12-14-92  05:01p AUTODUMP KO ON NEW HARDWARE W│
│   └────────────────────────────────────────────────────────────┘  │
│   ◄                                                            ►    │
└──────────────────────────────────────────────────────────────────┘
```

**Note:** The current MCF is not shown on the preceding screen capture.

## 10.1.3  Verifying the MCF status

After IML is completed

___ 1. Enter the Service Processor maintenance password.

___ 2. Double click on the **Service Processor** icon.

___ 3. Click on **Change Management**.

___ 4. Double click on **Manage Microcode Fixes**

___ 5. The status of the MCF that has just been applied must change to **ACT**.  If so, continue with next step.  Otherwise, call the Support Center.

___ 6. Exit the **Change Management** functions.

## 10.1.4  Saving Customer Data on Diskette

___ 1. On the **MOSS-E View** window, click on **Program**.

___ 2. Double click on **Log OFF MOSS-E**, then double click on **Log ON MOSS-E**.

___ 3. Insert in the ODD the **backup** optical disk, that contains the current micro-code backup.  This must be the one used when formerly saving the configuration (see 10.1.1, "Saving the Configuration on the Optical Disk" on page 9).

___ 4. Double click on the **Service Processor** icon.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 11 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

___ 5. Click on **Functions to Use Under PE Guidance Only**.

___ 6. Double click on **Save Customized data on diskette**.

___ 7. When prompted, insert the **Configuration Parameters diskette** (PN 02L3427) (can be any blank 1.44 diskette) into the diskette drive.

   **Note:**  Only **one** diskette is provided, if more than one diskette is required, obtain an additional blank diskette (1.44Mb).

___ 8. Click on **OK** follow the prompts and wait for the following message: *'operation is successfully completed'*.

___ 9. Click on **Close**.

___ 10. Remove the diskette and the optical disk.

___ 11. Go to 10.1.6, "Shutting down the Service Processor."

## 10.1.5  Saving Configuration on Diskette

The following procedures must be done when coming from EC F12380 or above

___ 1. If not already logged, enter the **Service Processor maintenance password** (default is IBM3745).

___ 2. Double click on the **Service Processor** icon.

___ 3. Click on **Operation Management**.

___ 4. Double click on **Manage Disks and Databases**.

___ 5. Click on **Save database on diskette** radio button.

___ 6. Click on **OK** and follow the prompts.

___ 7. When prompted, Insert the **Configuration Parameters diskette (PN 02L3427)** in the diskette drive.

   **Note:**  Only one **Configuration Parameters diskette** is provided, if more than one diskette is required, obtain an additional blank diskette (1.44Mb).

___ 8. When completed, click on **OK** and remove the diskette.

___ 9. Go to 10.1.6, "Shutting down the Service Processor."

## 10.1.6  Shutting down the Service Processor

___ 1. On the **MOSS-E View** window, click on **Program**.

___ 2. Double-click on **shut-down**, then enter the maintenance password (default is IBM3745), and click on **OK**.

___ 3. When a pop-up window tells you that the service processor has been shut down, then power OFF the Service Processor.

___ 4. Check the service processor type:

   • For service  processor **type 6275 or 6563**, go to 10.1.8, "LIC Installation" on page  13.

   • For service  processor **type 7585-P02 or 3172**, check whether there is an OD drive installed:

| 3746 FBM | PN 10K8559 12 of 46 | EC F70090 08 OCT 1999 | EC F70090A 18 NOV 1999 | EC F70110 20 JAN 2000 | | |
|---|---|---|---|---|---|---|

**12**

– **Yes**, go to 10.1.7, "Removing the Optical Disk Drive (ODD) from a 7585 or 3172" on page 13.

– **No**, check whether you have received the **FBM 25L4401**?

— **Yes**, then use the FBM 25L4401 to install the MPA card and go to 10.1.8, "LIC Installation."

— **No**, then go to 10.1.8, "LIC Installation."

## 10.1.7  Removing the Optical Disk Drive (ODD) from a 7585 or 3172

__ 1. **On the rear side of the ODD**, turn OFF the power switch (0).

__ 2. Disconnect the ODD Power cord from the ac Outlet Distribution Box or from the wall ac outlet, and the other end from the rear side of the ODD.

__ 3. **On the rear side of the Service Processor**, disconnect the signal cable from SCSI adapter (Position 3).

__ 4. Remove the ODD.  Then, pack it into the return box (PN 32H0346) provided with this FBM

__ 5. Have you receives the **FBM 25L4401**?

   • **Yes**, then use the FBM 25L4401 to install the MPA card.  When complete, go to 10.1.8, "LIC Installation."

   • **No**, then go to 10.1.8, "LIC Installation."

## 10.1.8  LIC Installation

__ 1. Insert the Service Processor installation diskette:

   • **PN 26L0236**, if your SP is a **7585-P02** or a **3172-P90**

   • **PN 26L0456**, if your SP is a **6275 or 6563**

__ 2. Then, power **ON** the Service Processor and while the system is starting, insert the **CD-ROM** into the drive.

__ 3. When the diskette is booted, follow the prompts on the screen.

__ 4. Wait until completion.  While you are waiting several messages are displayed:  Build hardisk, reboot, format ...

   **Note:**  If the following message appears, **press enter** to continue:

   *SYS0627: Drive C: was improperly stopped.  From the OS/2 command prompt, run CHKDSK with the /F parameter on the specified drive*

   **Note:**  If the following message appears, ignore it:

   *SYS0318: Message file OSO001.msg cannot be found for message 1467*

__ 5. When prompted, insert the **Configuration Parameters diskette (PN 02L3427)** in the diskette drive.

__ 6. Wait for a while, when prompted insert the **Service Processor installation diskette PN 26L0236 or 26L0456** in the diskette drive.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|--|--|
| FBM | 13 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**13**

___ 7. Wait for message displayed: *Number of bytes....Remaining computed time goes to 00 mn 00s*, but wait and stays on for an extra 5 minutes until message: *LIC Restoration has successfully completed* is displayed. Then, press **Enter** to continue.

> **Note:** If an error occurs, note the displayed message and press **Enter**. Keep the installation diskette available for investigation (log files: EULHIERR.LOG, OUT_BAK.1 and OUT_BAK.2), stored on diskette and hard disk for PE.

___ 8. When prompted remove the diskette from the diskette drive. Then, press **Enter** key and remove the CD.

___ 9. Wait until the system has re-booted. When the message *Do you want to customize your SP* is displayed, click on **OK**. If not automatically prompted, select the **SP Customization** function from the **service processor configuration** menu.

> ┌─── **About the SP customization window...** ───────┐
>
> Three new options are available:
>
> - A link definition for a **Java console**. DCAF Link/Operations and Console Link/Operations for Java options are mutually exclusive. According to the customer requirements, select either a DCAF or a JAVA link.
> - **Screen resolution** option (800x600 or 640x480) to be enabled for the screens that support this option. It is mandatory to select 800x600 when an **MAE** is installed.
> - **CCM remote configuration password**. Note that the **CCM remote configuration** may be greyed when feature 5810 is not installed.

| 3746 | PN 10K8559 | EC  F70090 | EC  F70090A | EC  F70110 | | |
|------|------------|------------|-------------|------------|--|--|
| FBM | 14 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**14**
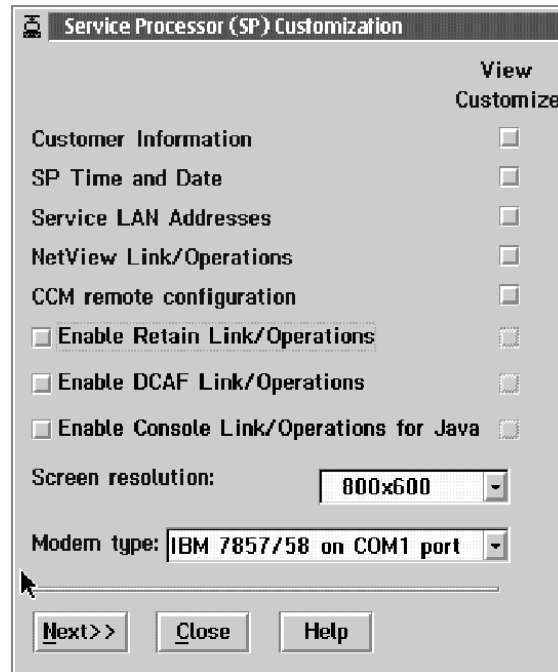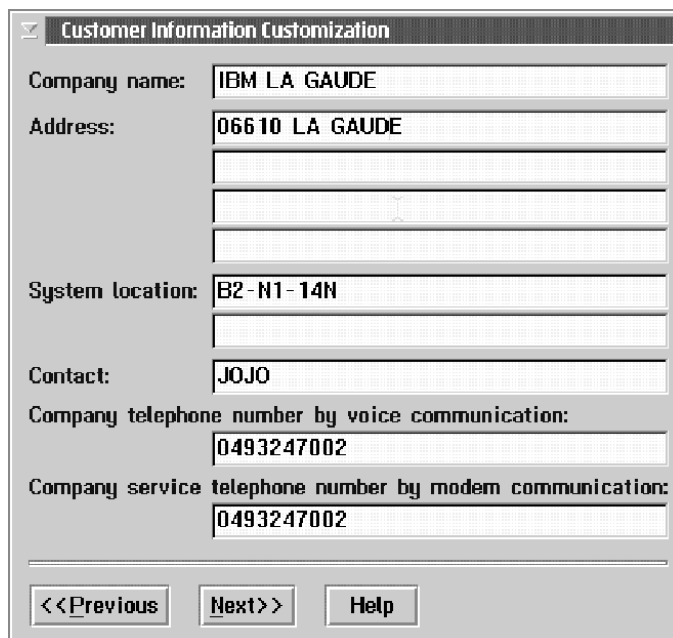
__ 10. On the **Service Processor (SP) Customization** window, except for DCAF Link/Operations and Console Link/Operations for Java options that are mutually exclusive and therefore require that you select one or the other option according to the customer requirements, click on every **View Customize** check-boxes in order to check and , if necessary, modify the configuration parameters according to the customer system configuration.

In particular, during the NNP and MAE code upgrade, two configuration options must be de-activated. They are:

- The **Generate alerts** option in the NetView Link(s) Reporting Customization window.
- The **Enable Remote Support** option in the RETAIN customization window.

You will be prompted to check these options in the rest of the procedure. Therefore continue with the next step.

__ 11. Check the screen resolution.

__ 12. Click on **Modem type** drop down list, then select the modem and connection type of the modem used.

__ 13. Click on **Next>>** button to display the **Customer Information Customization** window.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 15 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**Customer Information Customization**

Company name: `IBM LA GAUDE`

Address: `06610 LA GAUDE`

System location: `B2-N1-14N`
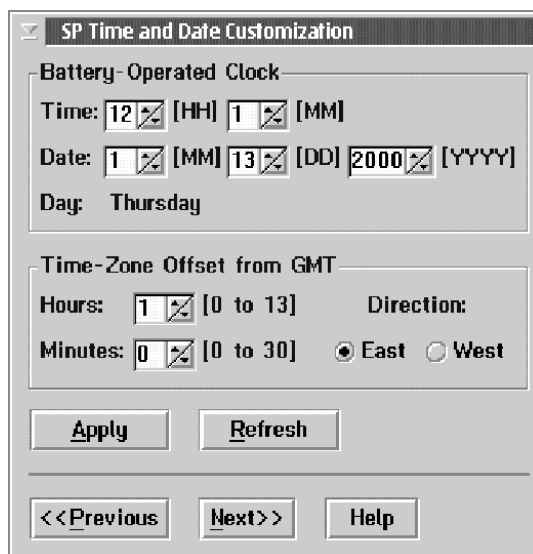
Contact: `JOJO`

Company telephone number by voice communication:
`0493247002`

Company service telephone number by modem communication:
`0493247002`

[ <<Previous ]   [ Next>> ]   [ Help ]

__ 14. Check the information recorded and make the necessary changes.

__ 15. Click on **Next>>** button to display the **SP Time and Date Customization** window.

**SP Time and Date Customization**

Battery-Operated Clock

Time: `12` [HH] `1` [MM]

Date: `1` [MM] `13` [DD] `2000` [YYYY]

Day:  Thursday

Time-Zone Offset from GMT
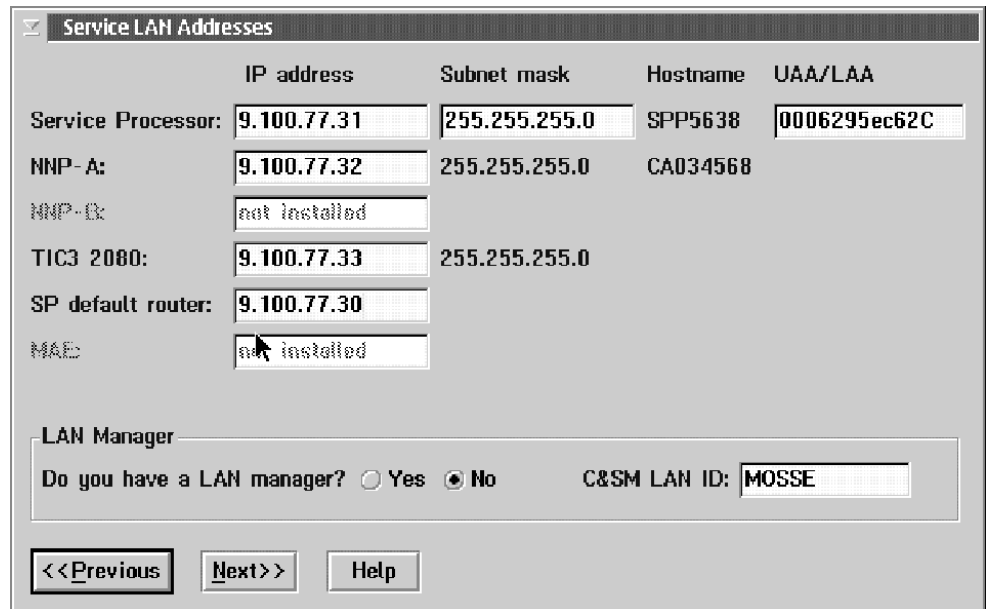
Hours: `1` [0 to 13]    Direction:

Minutes: `0` [0 to 30]   ⦿ East  ○ West

[ Apply ]   [ Refresh ]

[ <<Previous ]   [ Next>> ]   [ Help ]

__ 16. Check the information recorded and make the necessary changes. Press **Apply** to take into account the changes.

__ 17. Click on **Next>>** button to display the **Service LAN Addresses** window.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|------------|-----------|---|---|
| FBM | 16 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**Service LAN Addresses**

| | IP address | Subnet mask | Hostname | UAA/LAA |
|---|---|---|---|---|
| Service Processor: | 9.100.77.31 | 255.255.255.0 | SPP5638 | 0006295ec62C |
| NNP-A: | 9.100.77.32 | 255.255.255.0 | CA034568 | |
| NNP-B: | not installed | | | |
| TIC3 2080: | 9.100.77.33 | 255.255.255.0 | | |
| SP default router: | 9.100.77.30 | | | |
| MAE: | not installed | | | |
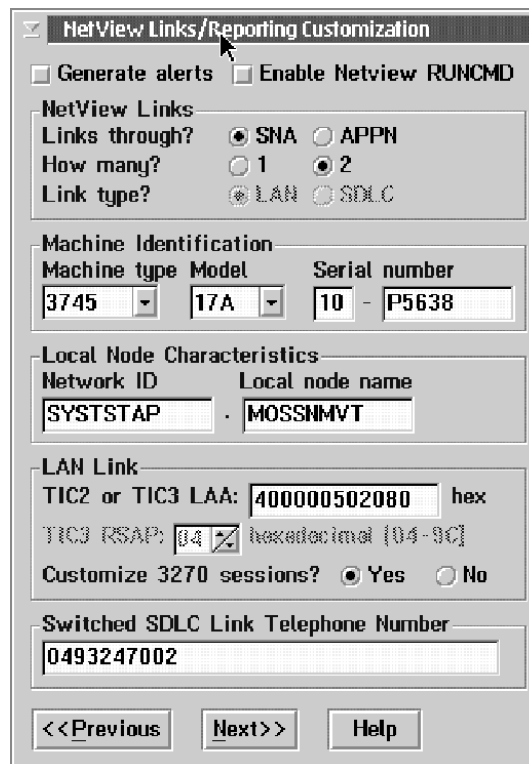
**LAN Manager**

Do you have a LAN manager? ○ Yes ◉ No      C&SM LAN ID: MOSSE

[ <<Previous ]   [ Next>> ]   [ Help ]

__ 18. Check the information recorded and make the necessary changes.

**Note:** If a controller is down, IP addresses cannot be changed.

__ 19. Click on **Next>>** button to display the **NetView Link(s)/Reporting Customization** window.

**NetView Links/Reporting Customization**

☐ Generate alerts  ☐ Enable Netview RUNCMD

**NetView Links**
Links through?  ◉ SNA  ○ APPN
How many?      ○ 1    ◉ 2
Link type?     ◉ LAN  ○ SDLC

**Machine Identification**
Machine type  Model      Serial number
3745 ▼        17A ▼      10 - P5638

**Local Node Characteristics**
Network ID            Local node name
SYSTSTAP        ·     MOSSNMVT

**LAN Link**
TIC2 or TIC3 LAA: 400000502080  hex
TIC3 RSAP: 04 ☒ hexadecimal [04-9C]
Customize 3270 sessions?  ◉ Yes  ○ No

**Switched SDLC Link Telephone Number**
0493247002

[ <<Previous ]   [ Next>> ]   [ Help ]

__ 20. Check the configuration settings and keep record of the **Generate alerts** option.

| 3746 FBM | PN 10K8559 17 of 46 | EC F70090 08 OCT 1999 | EC F70090A 18 NOV 1999 | EC F70110 20 JAN 2000 | | |
|---|---|---|---|---|---|---|

**17**

- If the **Generate alerts** option is selected, disable this option.  Use Table  1 on page  38 to keep record of the customer configuration. Then return here and go to the next step.
- Otherwise, go to the next step.

__ 21. Do not change any information.  Click on **Next>>** button to display the **Token-Ring 3270 Session Customization** window.

```
┌──────────────────────────────────────────────┐
│ ▼  Token-Ring 3270 Session Customization       │
├──────────────────────────────────────────────┤
│                                                │
│  Host code page:        297  France    ▼       │
│                                                │
│  LU local/NAU address:   3    ▲▼  numerical [3-255] │
│                                                │
│  Long session/LU name:  B                      │
│                                                │
│  Number of sessions:     1  ▲▼  numerical [1-4]│
│                                                │
│  ──────────────────────────────────────────   │
│                                                │
│   <<Previous     Next>>      Help              │
│                                                │
└──────────────────────────────────────────────┘
```
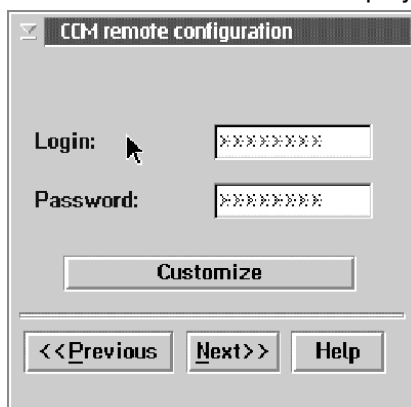
__ 22. Check the information recorded and make the necessary changes.

┌─ **Customize** ─────────────────────────────────────────────┐
│                                                              │
│ Pressing the Customize pushbutton allows you to display and/or modify │
│ the login and password.  This function is password-protected and │
│ requires the management password.                            │
│                                                              │
│ After entering the login and password, passwords that were hidden │
│ with asterisks, are shown and can be modified.               │
│                                                              │
└──────────────────────────────────────────────────────────────┘

__ 23. Click on **Next>>** button. to display the **CCM remote configuration**.

```
┌──────────────────────────────────────────────┐
│ ▼  CCM remote configuration                    │
├──────────────────────────────────────────────┤
│                                                │
│                                                │
│  Login:         ✕✕✕✕✕✕✕✕                      │
│                                                │
│  Password:      ✕✕✕✕✕✕✕✕                      │
│                                                │
│            ┌──────────────────┐                │
│            │    Customize      │                │
│            └──────────────────┘                │
│  ──────────────────────────────────────────   │
│   <<Previous     Next>>      Help              │
│                                                │
└──────────────────────────────────────────────┘
```

__ 24. Click on **Next>>** button to display the **Retain Customization** window.

| 3746 | PN 10K8559 | EC  F70090 | EC  F70090A | EC  F70110 | | |
|------|------------|------------|-------------|------------|---|---|
| FBM  | 18 of 46   | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**18**

__ 25. Check the configuration settings and keep record of the **Enable Support Facility (RSF)** option.

- If the **Enable Support Facility (RSF)** option is selected, disable this option.  Use Table 1 on page 38 to keep record of the customer configuration.  Then return here and go to the next step.
- Otherwise, go to the next step.

__ 26. Click on **Next>>**.

- If, in step 10 on page 15, you have selected **DCAF** Link/Operations, then the **DCAF Customization** window is displayed.  Go to the next step.
- Otherwise, if you have selected **JAVA Link/Operations**, then the **Point-to-Point Protocol Configuration** window is displayed.  Go to step 28 on page 20

__ 27. The **DCAF Customization** window is displayed:



| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 19 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

Check the information recorded and make the necessary changes.  Go to step 30 on page 21.

__ 28. The **Point-to-Point Protocol Configuration** window is displayed:

```
┌─────────────────────────────────────────────────────────┐
│ ⊻  Point-to-Point Protocol Configuration                │
├─────────────────────────────────────────────────────────┤
│ ┌─PPP Server Customization─────────────────────────────┐ │
│ │                                                        │ │
│ │  Accept any incoming calls on SP?  ◉ Yes  ○ No        │ │
│ │                                                        │ │
│ │  Local phone number: │1111111111              │       │ │
│ │               IP Address      Subnet mask    Hostname  │ │
│ │  PPP Server │9.100.77.36│   255.255.255.0    SSPP5638  │ │
│ │                                                        │ │
│ │  PPP Client │9.100.77.37│   255.255.255.0             │ │
│ │                                                        │ │
│ │  DTE Speed │115200  │▼│   MRU Size  │1500  │          │ │
│ │                                                        │ │
│ │ ┌─PPP Client Login Customization────────────────────┐ │ │
│ │ │               Customer          IBM Service        │ │ │
│ │ │  User Name    CSPP5638          ISPP5638           │ │ │
│ │ │                                                     │ │ │
│ │ │  Password    │✳✳✳✳✳✳✳│        │✳✳✳✳✳✳✳│          │ │ │
│ │ │           │ View/Change Passwords │                │ │ │
│ │ └────────────────────────────────────────────────────┘ │ │
│ └────────────────────────────────────────────────────────┘ │
│   │<<Previous│  │Next>>│  │Help│                          │
└─────────────────────────────────────────────────────────┘
```

From this window, configure the PPP server parameters.

a. Click on **No** to reject any incoming call.

b. Type in the **Local Phone number** which is the phone number of the modem connected to the SP.

c. Specify the **IP addresses** of:

- The **PPP-server**. This is PPP address of the **service processor**.
- The **PPP-client**. This is PPP address of the **remote station**.

These IP addresses must be in the same subnet than the IP addresses of the units connected to the service LAN.

d. Select the correct **DTE speed** which must be set according to the type of the modem installed.  Use the online help for more information.

┌─ **View/Change Passwords** ──────────────────────────────┐

Pressing the **View/Change Passwords** pushbutton allows you to display and/or modify the password(s).  This function is password-protected and requires the *management password*.

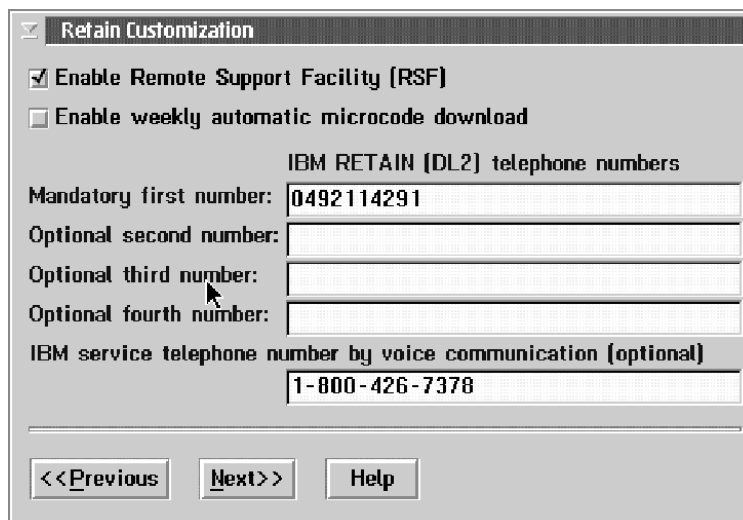After entering the management password, passwords that were hidden with asterisks, are shown and can be modified in both the **Point-to-Point Protocol Configuration** and **Console for Java Configuration** windows, until you exit the function.

└──────────────────────────────────────────────────────────┘

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|---|---|
| FBM | 20 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

__ 29. Click on **Next>>** button to display the **JAVA Console Configuration** window.

**Console Configuration for Java**

|  | Login | Password |
|---|---|---|
| SP: | SPP5638 | XXXXXXX |
| NNP - A: | CA034560 | XXXXXXX |
| NNP - B: | | |

View/Change Passwords

<<Previous   Next>>   Help

__ 30. Do not change any information.  Click on **Next>>** button to return to the **Service Processor (SP) Customization** window.

__ 31. Click on **Close**.  The **SP customization Message** is then displayed:

**SP Customization Message**

You have terminated your SP customization.
Click on:
 - Yes to validate your customization,
 - or No to exit without saving,
 - or Cancel to return to SP customization.

Yes   No   Cancel   Help

__ 32. Click on **Yes** button to confirm the changes and start the Service Processor customization updating.

**Service Processor Customization - Progress**

Service Processor customization in progress.
It may take up to 20 minutes to complete.
Please wait ...

__ 33. Wait until completion.  When completed, the following window is displayed:

**Service Processor Customization Completion**

Service Processor Customization successfully
completed.

OK

__ 34. Click on **OK** button.

  • If the service processor automatically re-boots, you will be prompted to log onto the MOSS-E.  Then go to the next step.
  • If the service processor does not re-boot, go to the next step.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|---|---|---|---|---|---|---|
| FBM | 21 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

___ 35. Is there any NNP installed?

- **Yes**, go to 10.1.9, "Upgrading the NNP(s) on 3746-9x0."

- **No**, go to 10.2.1, "Applying the Latest MCFs Received" on page 31.

## 10.1.9 Upgrading the NNP(s) on 3746-9x0

___ 1. From the **MOSS-E View** screen, double-click on the **3746-9x0** icon.

___ 2. From the **3746-9x0 Menu** screen, click on **Network Node Processor (NNP) Management**.

___ 3. Select **Manage Control Point (CP) on NNP**.

___ 4. If the **Automatic configuration activation** option is selected, go to the next step. Otherwise, go to step 6.

___ 5. Disable this option.

___ 6. Press **Close** to exit.

___ 7. From the **Network Node Processor (NNP) Management** menu, select **Install/Remove/Change/Restore LIC/NNP**.

___ 8. Select **NNP-A** to upgrade the LIC on NNP-A or **NNP-B** to upgrade the LIC on the backup NNP. Then click on **Restore LIC on NNP**.

___ 9. When requested, insert the NNP installation diskette **PN 26L0237** in the **SP diskette drive**.

___ 10. Select the NNP type and follow the prompts to remove the NNP installation diskette from the SP and install it in the **NNP diskette drive**.

___ 11. Follow the prompts and wait until **NNP LIC restoration operation successfully completed** is displayed. The NNP LIC restoration can last about 45 minutes. During the LIC restoration, click on OK to clear the alarm saying that the SP/APPN CP link has been lost.

___ 12. Click on **Close**. Then clear the reconnection alarm.

___ 13. If a backup NNP (NNP-B) is installed, return to step 7 Otherwise, continue with next step.

___ 14. Wait until the NNP icon(s) shown on the **MOSS-E View**, become blue.

___ 15. If, in step 5, you have disabled the **Automatic configuration activation** option, go to the next step. Otherwise, go to step 20.

___ 16. From the **3746-9x0 Menu**, select **Network Node Processor (NNP) Management**.

___ 17. From the **Network Node Processor (NNP) Management** menu, select **Manage Control Point (CP) on NNP**

___ 18. Enable the **Automatic configuration activation** option.

___ 19. Press **Close** to exit.

___ 20. Is there any MAE installed?

- **No**, go to 10.2.1, "Applying the Latest MCFs Received" on page 31.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 22 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**22**

- **Yes**, check whether you have to migrate the MAE installed from **FC 3000** to **FC 3001**?

    – **No**, go to 10.1.11, "Installing the MAE."

    – **Yes**, go to 10.1.10, "Migrating the MAE."

## 10.1.10  Migrating the MAE

___ 1. Verify the **PN** of the **MAE system card** plugged in your MAE.
If the **PN** of the card is one of the following:  **78H6297, 11J7464, or 89H8395, use the installation instructions PN 02L4064 to replace** the card.  When complete, go to the next step.

___ 2. Use the installation instructions **PN 02L1268** to install the new hardware required to support FC 3001.  When complete, go to the next step.

___ 3. Check whether the customer wants to remove the user token-ring kit (if any) between the MAE and the 3746-9x0?

- Yes.  Continue with next step.
- No.  Go to step 5.

___ 4. Use the installation instructions **PN 26L0379** to remove the user token-ring link.  When complete, go to next step.

___ 5. Go to 10.1.11, "Installing the MAE."

## 10.1.11  Installing the MAE

___ 1. Double click on the **3746-9x0** icon.

___ 2. Click on **Multiaccess Enclosure Management**.

___ 3. Now double click on **Install/Remove/Change LIC on MAE**.
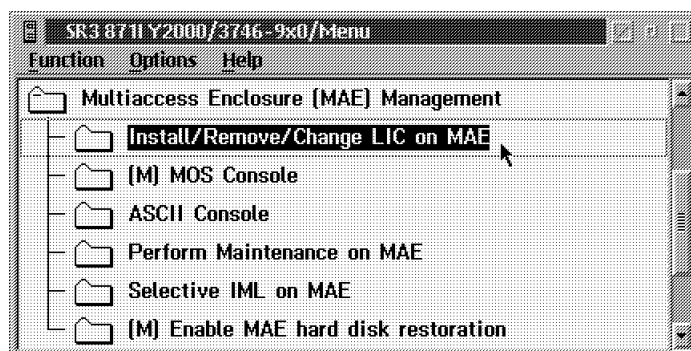


Figure 2.  Install Multiaccess Enclosure

___ 4. Check the MAE installation status:

- If **installed**, click on **Change LIC on MAE...**, then go to step 8 on page 25.
- Otherwise, click on **Install MAE...**, then go to step 5 on page 24.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|------------|-----------|--|--|
| FBM | 23 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

Figure 3. Install Multiaccess Enclosure

__    5. Verify or enter the **MAE IP address**, then click on **OK**.
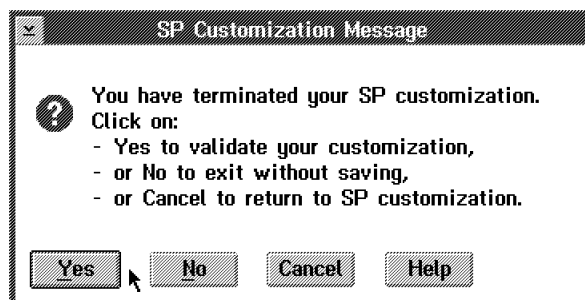


__    6. Click on **Yes** to record your parameters.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM  | 24 of 46   | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**24**

**SP Customization Message**

You have terminated your SP customization.
Click on:
- Yes to validate your customization,
- or No to exit without saving,
- or Cancel to return to SP customization.

[Yes]   [No]   [Cancel]   [Help]

___ 7. When completed, click on **OK**.

**Service LAN Addresses Customization Completion**

Service LAN Addresses Customization successfully completed.

[OK]

___ 8. Follow the prompts.  The MAE code is now being installed: the transferred files are displayed on the window (it takes about 10 mn).  Wait until **Operation successfully completed** is displayed, then click on **Close**.

> **Note:**  After a few minutes, verify that the MAE link icon is **green** (polling the MAE does not start immediately to give the green icon).
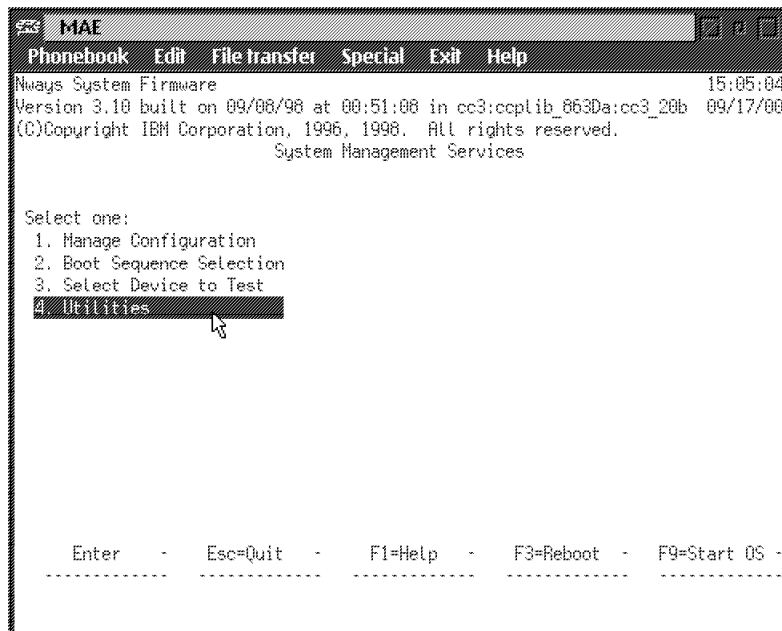
## 10.2  Installing the firmware

___ 1. Double click on **ASCII Console**.

**SR3 871I Y2000/3746-9x0/Menu**

Function  Options  Help

Multiaccess Enclosure (MAE) Management
— Install/Remove/Change LIC on MAE
— [M] MOS Console
— ASCII Console
— Perform Maintenance on MAE
— Selective IML on MAE
— [M] Enable MAE hard disk restoration
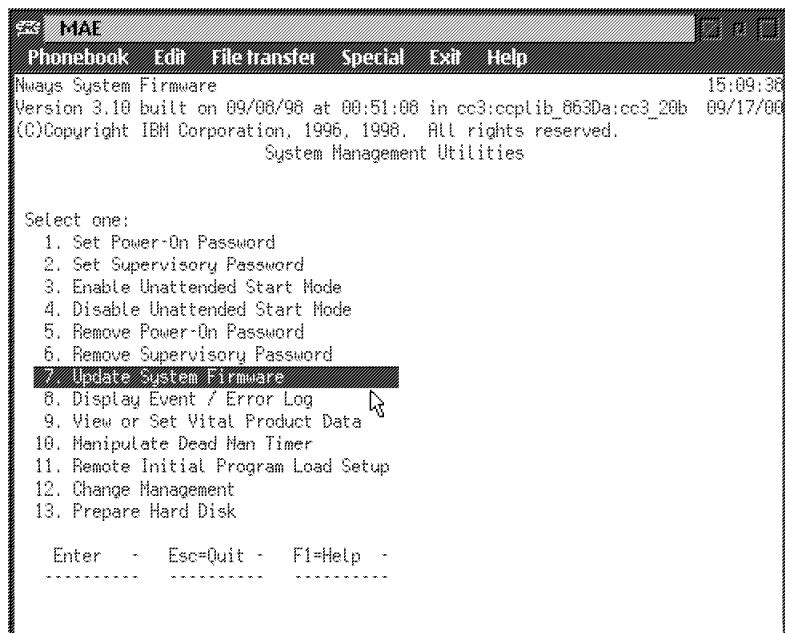
___ 2. Press the **Reset** button on the MAE (located on the front of the MAE system card).

___ 3. Several window are displayed during tests. Wait until the **Boot Information** window is displayed.

___ 4. Press **F1** when prompted (to prematurely terminate boot).

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 25 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**25**

5. On the **System Management Services** window, select **option 4 - Utilities**, press **Enter**.

```
▒▒ MAE                                                    ☐ ø ☐
Phonebook  Edit  File transfer  Special  Exit  Help
Nways System Firmware                                     15:05:04
Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/17/00
(C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.
                          System Management Services


Select one:
  1. Manage Configuration
  2. Boot Sequence Selection
  3. Select Device to Test
  4. Utilities




        Enter   -   Esc=Quit   -    F1=Help   -    F3=Reboot   -   F9=Start OS -
     -------------   -------------   -------------   -------------   -------------
```

6. Enter the Multiaccess Enclosure supervisory password when required: **2216**.

7. Select **7. Update System Firmware** from the utilities panel, press **Enter**

```
▒▒ MAE                                                    ☐ ø ☐
Phonebook  Edit  File transfer  Special  Exit  Help
Nways System Firmware                                     15:09:38
Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/17/00
(C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.
                          System Management Utilities


Select one:
   1. Set Power-On Password
   2. Set Supervisory Password
   3. Enable Unattended Start Mode
   4. Disable Unattended Start Mode
   5. Remove Power-On Password
   6. Remove Supervisory Password
   7. Update System Firmware
   8. Display Event / Error Log
   9. View or Set Vital Product Data
  10. Manipulate Dead Man Timer
  11. Remote Initial Program Load Setup
  12. Change Management
  13. Prepare Hard Disk

   Enter   -   Esc=Quit -   F1=Help  -
  ----------   ----------   ----------
```

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 26 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**26**

⚠ Do not power off the multiaccess enclosure while updating the firmware.  In case of failure, the multiaccess enclosure re-boots with a backup firmware image.  If that happens, repeat the procedure to reload the onboard firmware image.

__ 8. From the **F/W Update Options** menu, select **3. Use a Local Image File**, then press **Enter** and follow the prompts.

```
┌─────────────────────────────────────────────────────────────────┐
│ ▒▒ MAE                                               ▢ ▫ ▢       │
│ Phonebook  Edit  File transfer  Special  Exit  Help              │
│ Nways System Firmware                                   15:10:20 │
│ Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/17/00 │
│ (C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.  │
│                    System Management Utilities                   │
│                                                                  │
│                                                                  │
│ Select one:                                                      │
│   1. Set Power-On Password                                       │
│   2. Set Supervisory Password                                    │
│   3. Enable Unattended Start Mode                                │
│   4. Disable Unattended Start Mode                               │
│   5. Remove Power-On Password                                    │
│   6. Remove Supervisory Password                                 │
│   7. Update System Firmware+----------F/W Update Options---------+│
│   8. Display Event / Error |                                    ||
│   9. View or Set Vital Prod|   1. TFTP a Remote Image File       ||
│  10. Manipulate Dead Man Ti|   2. XMODEM a Remote Image File     ||
│  11. Remote Initial Program|   3. Use a Local Image File         ||
│  12. Change Management      |                                    ||
│  13. Prepare Hard Disk      |   Enter  -  Esc=Quit -_  F1=Help  -||
│                            |   ----------  ----------  ----------||
│    Enter  -   Esc=Quit -  +-------------------------------------+│
│    ----------   ----------   ----------                          │
│                                                                  │
└─────────────────────────────────────────────────────────────────┘
```

__ 9. Enter the **Local File Name**:  **c:\firm.ld**, then press **Enter**

**Note:**  If the firmware loaded on the MAE system card is at the same level as the firmware loaded on the SP hard drive, you will get the following message: *The firmware update file is at the same level as the system firmware. Firmware update cancelled. Press enter.* Then go to 10.2.1, "Applying the Latest MCFs Received" on page 31, otherwise continue with the next step.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 27 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**27**
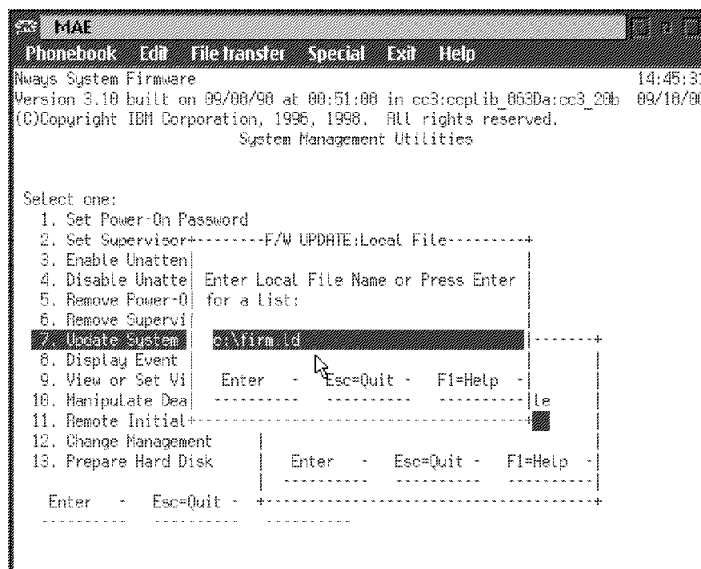
  __ 10. On confirmation window, press **Y**.  Then when this window is displayed, press **Enter**.
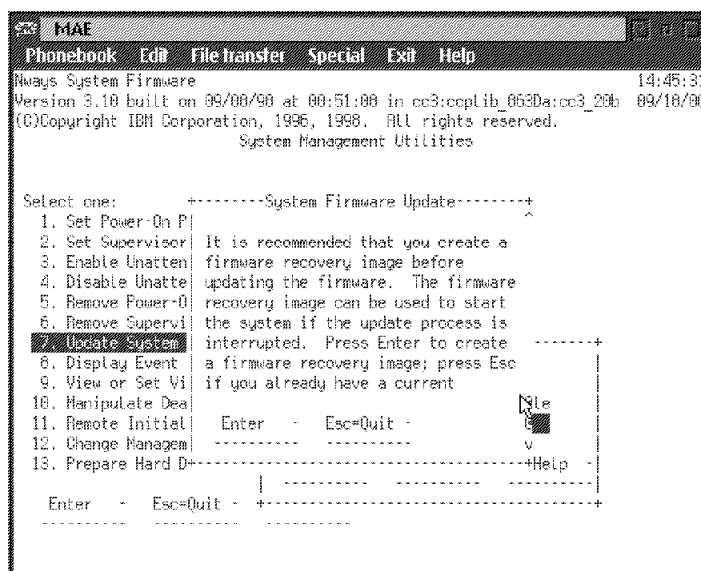


  __ 11. When recovery image has been done, press **Enter**.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 28 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**28**

```
┌──────────────────────────────────────────────────────────────┐
│ ▓▓  MAE                                              ▨ ◦ ☐    │
│ ▓Phonebook▓▓Edit▓▓File transfer▓▓Special▓▓Exit▓▓Help▓▓▓▓▓▓▓▓▓ │
│ Nways System Firmware                                14:49:42 │
│ Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/18/00│
│ (C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.│
│                   System Management Utilities                 │
│                                                               │
│                                                               │
│ Select one:                                                   │
│    1. Set Power-On Password                                   │
│    2. Set Supervisor+--------System Firmware Update--------+  │
│    3. Enable Unatten|                                      |  │
│    4. Disable Unatte| The firmware recovery image has been |  │
│    5. Remove Power-O| created successfully.  Press Enter   |  │
│    6. Remove Supervi| to continue with the firmware        |  │
│    7. Update System | update.                        |-------+│
│    8. Display Event |                                |      | │
│    9. View or Set Vi| Enter -                        |      | │
│   10. Manipulate Dea| -------                       ▓Nle  | │
│   11. Remote Initial+----------------------------------▓---+ |│
│   12. Change Management |                                  |  │
│   13. Prepare Hard Disk |   Enter  -  Esc=Quit -  F1=Help -| │
│                         |   --------   --------   --------| │
│      Enter  -  Esc=Quit - +-------------------------------+  │
│      --------   --------   --------                           │
│                                                               │
└──────────────────────────────────────────────────────────────┘
```

__ 12. Enter **Y** to confirm update of the firmware.

__ 13. Several windows are displayed following by:

```
┌──────────────────────────────────────────────────────────────┐
│ ▓▓  MAE                                              ▨ ◦ ☐    │
│ ▓Phonebook▓▓Edit▓▓File transfer▓▓Special▓▓Exit▓▓Help▓▓▓▓▓▓▓▓▓ │
│ Nways System Firmware                                17:32:47 │
│ Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/22/00│
│ (C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.│
│                   System Management Utilities                 │
│ Select one:                                                   │
│    1. Set Power-On Password                                   │
│    2. Set Sup+--------------System Firmware Update--------------+│
│    3. Enable |                                               | │
│    4. Disable| System firmware update in progress...         | │
│    5. Remove |                                               | │
│    6. Remove | Do not turn off the system at this time.    +│
│    7. Update |                                             | │
│    8. Display|                                             | │
│    9. View or|                                             | │
│   10. Manipul| ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓          | │
│   11. Remote |                                             | │
│   12. Change +------------------------------------------------+│
│   13. Prepare Hard Disk |   Enter  -  Esc=Quit -  F1=Help -| │
│                         |   --------   --------   --------| │
│      Enter  -  Esc=Quit - +-------------------------------+  │
│      --------   --------   --------                           │
└──────────────────────────────────────────────────────────────┘
```
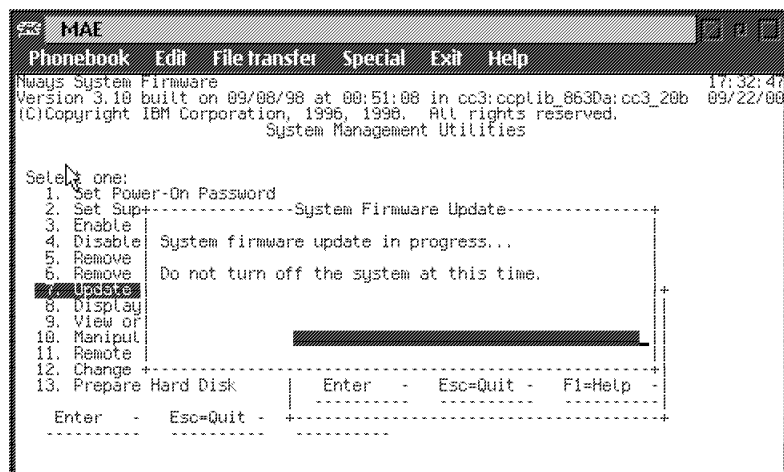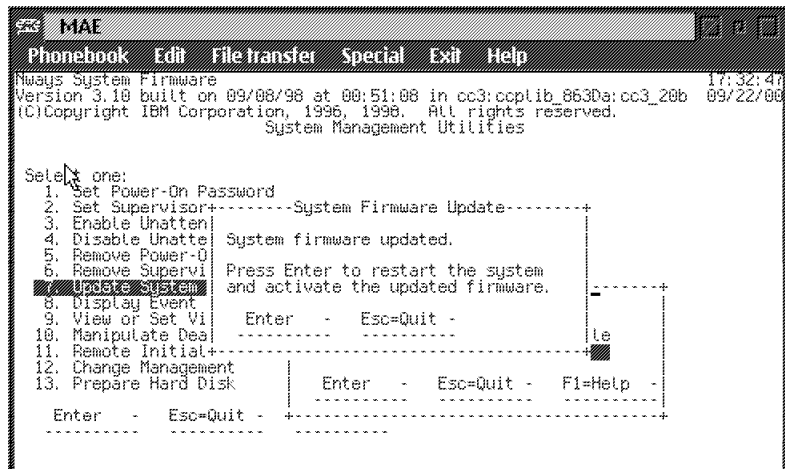
⚠ Do not switch the system off.  The process erases the old firmware and copies the new firmware into flash memory.  If the machine is powered off before the process is complete, you will need to reload the firmware from the recovery image.

__ 14. When complete, a message is displayed.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|--|--|
| FBM | 29 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

```
┌─────────────────────────────────────────────────────────────┐
│ ▒▒ MAE                                              □ ▫ □    │
├─────────────────────────────────────────────────────────────┤
│ Phonebook   Edit   File transfer   Special   Exit   Help     │
│ Nways System Firmware                                17:32:47│
│ Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/22/00│
│ (C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.│
│                    System Management Utilities               │
│                                                              │
│  Select one:                                                 │
│   1. Set Power-On Password                                   │
│   2. Set Supervisor+--------System Firmware Update--------+  │
│   3. Enable Unatten|                                      |  │
│   4. Disable Unatte| System firmware updated.             |  │
│   5. Remove Power-O|                                      |  │
│   6. Remove Supervi| Press Enter to restart the system    |  │
│   7. Update System | and activate the updated firmware.   |--------+│
│   8. Display Event |                                      |        |│
│   9. View or Set Vi|    Enter   -   Esc=Quit -           |le      |│
│  10. Manipulate Dea|    ---------    ---------           |        |│
│  11. Remote Initial+--------------------------------------+        |│
│  12. Change Management  |     Enter   -   Esc=Quit -   F1=Help  -  |│
│  13. Prepare Hard Disk  |     ---------    ---------    ---------  |│
│                         +------------------------------------------+│
│     Enter   -   Esc=Quit -                                   │
│     ---------    ---------    ---------                      │
└─────────────────────────────────────────────────────────────┘
```

__ 15. Press **Enter** to restart the system.

__ 16. Check the IP addressing by selecting **(11) Remote Initial Program Load Setup** and pressing **Enter**.
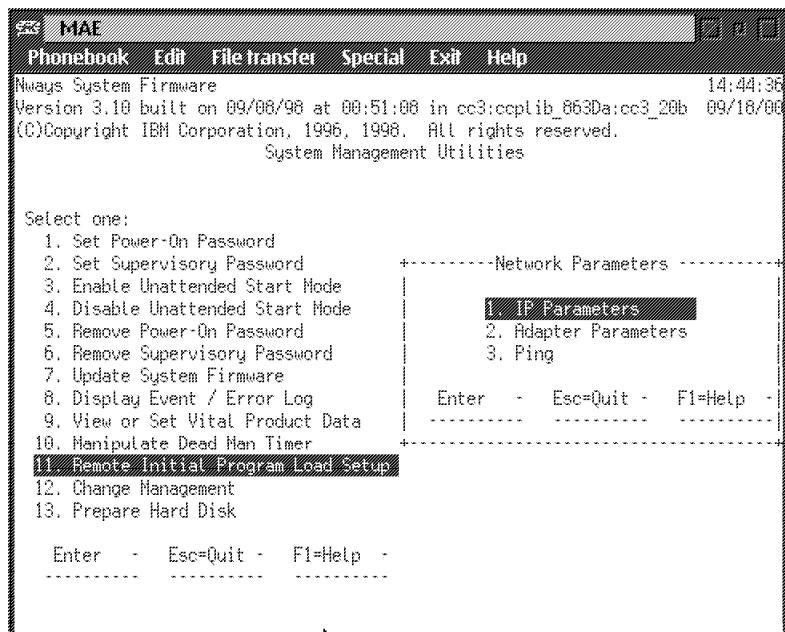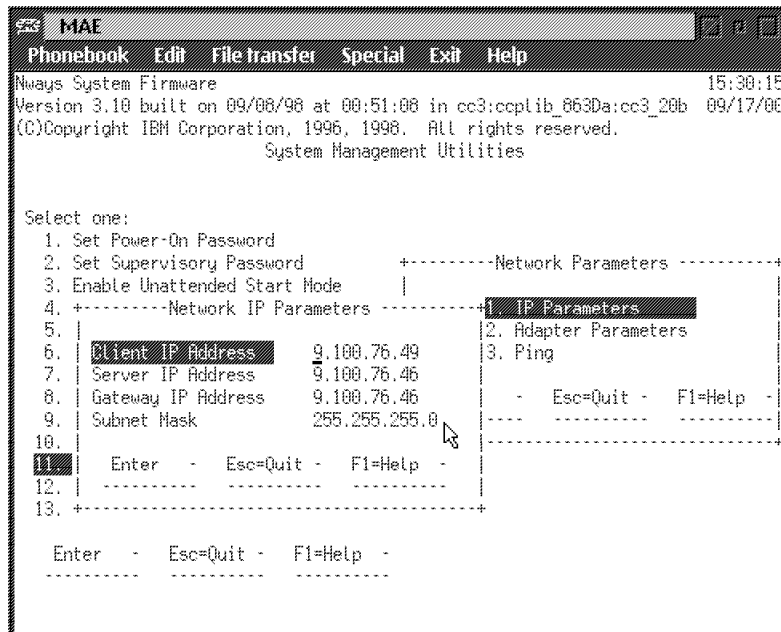
__ 17. Select **(1) IP Parameters** and press **Enter**.



```
┌─────────────────────────────────────────────────────────────┐
│ ▒▒ MAE                                              □ ▫ □    │
├─────────────────────────────────────────────────────────────┤
│ Phonebook   Edit   File transfer   Special   Exit   Help     │
│ Nways System Firmware                                14:44:36│
│ Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/18/00│
│ (C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.│
│                    System Management Utilities               │
│                                                              │
│                                                              │
│  Select one:                                                 │
│   1. Set Power-On Password                                   │
│   2. Set Supervisory Password      +--------Network Parameters----------+│
│   3. Enable Unattended Start Mode  |                                    |│
│   4. Disable Unattended Start Mode |   1. IP Parameters                 |│
│   5. Remove Power-On Password      |   2. Adapter Parameters            |│
│   6. Remove Supervisory Password   |   3. Ping                          |│
│   7. Update System Firmware        |                                    |│
│   8. Display Event / Error Log     |  Enter   -   Esc=Quit -   F1=Help -|│
│   9. View or Set Vital Product Data|  ---------    ---------    ---------|│
│  10. Manipulate Dead Man Timer     +------------------------------------+│
│  11. Remote Initial Program Load Setup                       │
│  12. Change Management                                       │
│  13. Prepare Hard Disk                                       │
│                                                              │
│     Enter   -   Esc=Quit -   F1=Help -                       │
│     ---------    ---------    ---------                      │
└─────────────────────────────────────────────────────────────┘
```

Figure 4. MAE

__ 18. Check that the following IP addresses and mask are the same as the ones defined in step 5 on page 24:

  • Client IP address (MAE address of the PCMCIA card)
  • Server IP address (service processor address)

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|---|---|
| FBM | 30 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**30**

- Gateway IP address (if no router on the ring, check the service processor IP address)
- Subnet Mask.

```
┌──────────────────────────────────────────────────────────────────┐
│ ▓▓ MAE                                                    □ ◘ □  │
│ Phonebook  Edit  File transfer  Special  Exit  Help              │
│ Nways System Firmware                                   15:30:15 │
│ Version 3.10 built on 09/08/98 at 00:51:08 in cc3:ccplib_863Da:cc3_20b  09/17/00│
│ (C)Copyright IBM Corporation, 1996, 1998.  All rights reserved.  │
│                    System Management Utilities                   │
│                                                                  │
│                                                                  │
│  Select one:                                                     │
│    1. Set Power-On Password                                      │
│    2. Set Supervisory Password        +--------Network Parameters --------+│
│    3. Enable Unattended Start Mode    |                                   |│
│    4. +--------Network IP Parameters --------+ 1. IP Parameters          |│
│    5. |                                      |2. Adapter Parameters      |│
│    6. | Client IP Address     9.100.76.49    |3. Ping                    |│
│    7. | Server IP Address     9.100.76.46    |                           |│
│    8. | Gateway IP Address    9.100.76.46    |  -  Esc=Quit -   F1=Help  -|│
│    9. | Subnet Mask           255.255.255.0  | ---- ---------- ----------|│
│   10. |                                      +---------------------------+│
│   11. |   Enter   -  Esc=Quit -   F1=Help  - |                           │
│   12. | ---------- ---------- ---------- |                                │
│   13. +--------------------------------------+                            │
│                                                                  │
│      Enter   -  Esc=Quit -  F1=Help  -                           │
│      ---------- ---------- ----------                            │
└──────────────────────────────────────────────────────────────────┘
```

___ 19. Press **Esc** to exit.

___ 20. Press the **Space bar** to get the console.

___ 21. Then close the ASCII window and go to 10.2.1, "Applying the Latest MCFs Received."

## 10.2.1  Applying the Latest MCFs Received

Have you received from your Support Center any MCFs to be installed on the new LIC?

- **Yes**, then apply the MCFs received according to procedure **'Handling the Microcode Fixes on the Licensed Internal Code'** listed in the SPIM or Service User's Guide shipped with your SP.

- **No**, then go to 10.3, "Procedure 2 - 3746-9x0 Code Level Upgrade" on page 32.

<div align="center">

**End of Procedure 1.**

</div>

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 31 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

# 10.3 Procedure 2 - 3746-9x0 Code Level Upgrade

> **Before you start**
>
> Ask the customer for a 3746 maintenance window. Traffic must be deactivated on the 3746-9x0(s).

## 10.3.1 3746-9x0 EEPROM Upgrade

__ 1. Click on **3746-9x0 Menu**.

__ 2. Click on **Change Management**.

__ 3. Double click on **Upgrade/Downgrade EEPROM**.

__ 4. The **Upgrade Status** area will show the processors to be changed in reverse video.

__ 5. Click on **OK** to start the upgrade function, wait (up to 10 minutes) until the Upgrade Status is completed for each processor.

__ 6. Click on **Cancel** to leave the function.

## 10.3.2 Performing a General IML

⚠ After installing the code, numerous **SRCs** and **alarms** can be generated. Just clear the messages and continue with the current procedure.
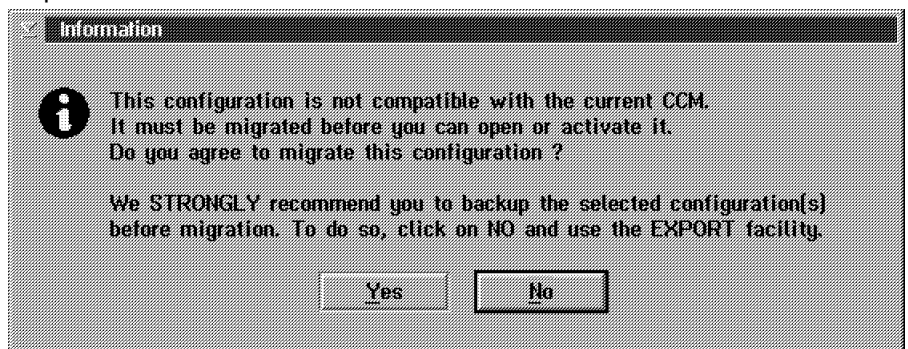
__ 1. On the **MOSS-E View** screen, double click on the **3746-9x0** icon.

__ 2. On the **3746-9x0 Menu** screen, click on **Operation Management**.

__ 3. Double click on **Perform a General IML**, then click on the **Yes** button.

__ 4. On the **Perform a General IML** window, click on **No** to start an IML without diagnostic.

## 10.3.3 Migrating the Active Configuration using CCM

__ 1. From the **Network Node Processor (NNP) Management** menu, select **CCM - Controller Configuration and Management**.

__ 2. From the CCM main window, select **File → Open...**. The following window is then displayed:

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 32 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**32**

```
Configurations List

                          Date             Level
      Name             MM-DD-YYYY  Time   Compatibility

  -  CF_COMMS5         May-11-1999 15:24   F12481/A03          New...
  -  CF_COMMS6         Jun-23-1999 09:43   F12481/A03
  A  CF_test           Jul-26-1999 15:53   F12481/A03        Activate...

                                                              Delete

                                                              Modify...

                                                              Import...

                                                              Export...

                                                              Migrate...

  Open selected configuration   Close opened configuration   Sort...   Cancel   Help
```

    3. From the configuration list, select the configuration with the letter **A** before the configuration name and click on **Open selected configuration**.

    4. According to the configuration compatibility with the current CCM, one of the following occurs:

- The configuration is compatible with the current CCM. Then, the procedure is complete. Go to 10.3.4, "Activating the Migrated Configuration" on page 34.
- Otherwise, the configuration is not compatible with the current CCM, then the following information window is displayed. Continue with next step.



```
Information

  (i)   This configuration is not compatible with the current CCM.
        It must be migrated before you can open or activate it.
        Do you agree to migrate this configuration ?

        We STRONGLY recommend you to backup the selected configuration(s)
        before migration. To do so, click on NO and use the EXPORT facility.

                    Yes              No
```
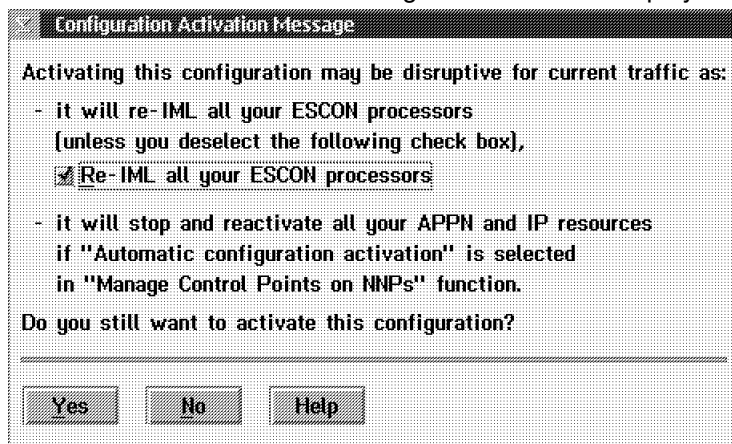
    5. Press **Yes** to migrate the configuration. It is not necessary to save the configuration before migrating it, because it has been already saved on the configuration parameter diskette. When the configuration has been successfully migrated, the following window is displayed:

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|------------|-----------|--|--|
| FBM | 33 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**33**

> **Warning**
>
> ⓘ The active configuration has been migrated by CCM. Please re-activate it to avoid discrepancy with the running configuration.
>
> [ OK ]

___ 6. Press **OK**.

___ 7. Close the opened configuration by selecting **File → Close opened configuration**.

___ 8. You can now activate the migrated configuration. Go 10.3.4, "Activating the Migrated Configuration."

## 10.3.4 Activating the Migrated Configuration

___ 1. From the CCM main window, select **File → Open...**.

___ 2. From the configuration list, select the configuration with the letter **A** and click on **Activate...**. The following window is then displayed:

> **Configuration Activation Message**
>
> Activating this configuration may be disruptive for current traffic as:
>
> - it will re-IML all your ESCON processors
>   (unless you deselect the following check box),
>   ☑ Re-IML all your ESCON processors
>
> - it will stop and reactivate all your APPN and IP resources
>   if "Automatic configuration activation" is selected
>   in "Manage Control Points on NNPs" function.
>
> Do you still want to activate this configuration?
>
> [ Yes ]   [ No ]   [ Help ]

___ 3. Check that the **Re-IML all your ESCON processors** option is selected and click **Yes**.

**End of Procedure 2.**
**Do not perform procedure 3**.

Check whether there is another 3746-9x0 installed:

- **Yes,** then return to 10.3, "Procedure 2 - 3746-9x0 Code Level Upgrade" on page 32.

- **No,** then go to 10.6, "Returning the Machine to Customer" on page 38.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 34 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |
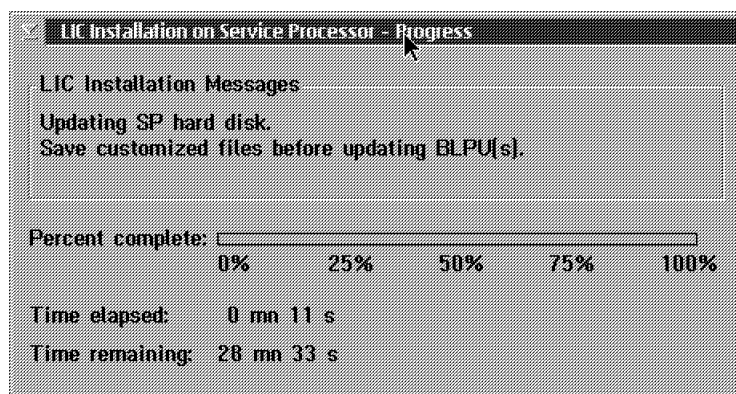
# 10.4  Procedure 3 - Update SP (and NNP) LIC on Non-Active Version

---
**Before you start...**

- In order to use the current function, the LIC **F64810** or higher must be already installed.

- Upgrading the non-active version is not operation- or traffic-disruptive, but switching to the new version is disruptive.

- No maintenance window is required to run the current function.
---

### Updating the Non-Active LIC Version

__ 1. From the **MOSS-E View** window, double-click on the **Service Processor** icon.

__ 2. Insert the CD-ROM that contains the new LIC version.

__ 3. From the **Change Management** folder, select the **Update SP (and NNP) LIC on non-active version**.



```
LIC Installation on Service Processor - Progress

LIC Installation Messages

Updating SP hard disk.
Save customized files before updating BLPU[s].


Percent complete: [                                    ]
                     0%      25%      50%      75%     100%

Time elapsed:      0 mn 11 s
Time remaining:   28 mn 33 s
```

__ 4. Click **OK** when complete.

---
**During the LIC Update...**

You are constantly informed of the progress of the LIC updating.  It takes about 10 minutes to update the LIC non-active version.

A pop-up window informs you when the LIC non-active version has been successfully updated.  When displayed go to step 5.
---

__ 5. After updating the LIC non-active version, switch to the new version.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|--|--|
| FBM | 35 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**35**

---

**Before switching to the non-active version**

⚠ Switching to the non-active version is **disruptive**.

Therefore, check the moment at which the customer wants to switch to the active version. Switching to the non-active version can take place later.

---

**Switching to the Non-Active LIC Version**

__ 6. From the **Change Management** folder, select the **Switch to non-active version** function.

__ 7. Press the **Switch to inactive code level** pushbutton.

__ 8. Click **Yes** to confirm.

Switching to the inactive level takes about ten minutes. During this operation, the service processor and the network node processor(s) automatically re-boot.

__ 9. Log on onto the MOSS-E program and IML the 3746 from the operator panel as prompted.

__ 10. Click **OK** when complete. If there is an MAE FC3001 installed, the MAE LIC must be updated. Go to next step. Otherwise, go to step 17 on page 37 to perform a general IML.

**Changing the MAE LIC**

__ 11. From the **3746-900 menu**, select the **Multiaccess Enclosure (MAE) Management** folder.

__ 12. From the **Multiaccess Enclosure (MAE) Management** folder, select the **Install/Remove/Change LIC on MAE** function, in order to replace the MAE LIC on the MAE hard disk with the MAE LIC stored on the service processor hard disk. The following window is displayed (Figure 5 on page 37).

| 3746 FBM | PN 10K8559 36 of 46 | EC F70090 08 OCT 1999 | EC F70090A 18 NOV 1999 | EC F70110 20 JAN 2000 | | |
|---|---|---|---|---|---|---|

**36**
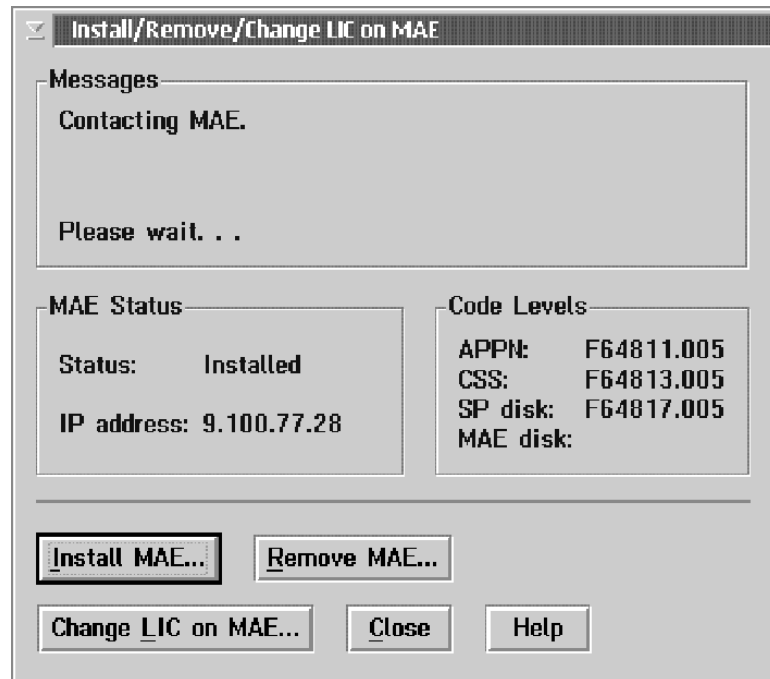
Figure 5. Changing MAE LIC Installation Window

___ 13. Press the **Change LIC on MAE** pushbutton.

___ 14. Click **OK** when prompted to confirm.

It takes about 10 minutes to the MAE LIC.  After the MAE LIC has been updated, if there is no additional MCFs to apply, , go to step 17 to perform a general IML.  Otherwise, go to next step.

**Applying the Latest MCF(s)**

___ 15. Apply the latest MCFs on the new LIC according to the **'Handling the Microcode Fixes on the Licensed Internal Code'** procedure given in the SPIM or Service User's Guide shipped with your SP.

When finished, go to the next step to perform a general IML.

**Performing a General IML**

___ 16. Click on **Close**.

___ 17. On the **MOSS-E View** screen, double click on the **3746-9x0** icon.

___ 18. On the **3746-9x0 Menu** screen, click on **Operation Management**.

___ 19. Double click on **Perform a General IML**; Then click on **Yes** button

___ 20. On the **Perform a General IML** window, click on **No** to start an IML without diagnostic.

___ 21. Click **OK** when prompted.

**End of Procedure 3.**
**Go to 10.6, "Returning the Machine to Customer" on page 38.**

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|---|---|---|---|---|---|---|
| FBM | 37 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**37**

## 10.5  Recording the Customer Configuration Settings

When performing the service processor customization during the LIC Installation (see step 10 in 10.1.8, "LIC Installation" on page 13), use Table 1 in order to keep record of the configuration of the following options:

- Generate alerts
- Enable Remote Support

When returning the machine to the customer, if you modify any of these options, you must re-configure these options as they were previously configured.

| Table 1. Customer Configuration Settings | | |
|---|---|---|
| **Option Customer Setting** | **Selected** | **Not Selected** |
| Generate alerts | | |
| Enable Remote Support | | |

## 10.6  Returning the Machine to Customer

__ 1. Have you migrated an MAE from FC 3000 to FC 3001?

- Yes, go to the next step.
- No, go to step 3.

__ 2. If the customer has decided to remove the token-ring link between the MAE and the 3746-9x0 (no APPN or NCP traffic between the MAE and 3746), ask the customer to update the configuration by removing the definition of the resources used for this link.  Then continue with the next step.

__ 3. Check in Table 1 whether, during the service processor customization, you have modified the following options:

- **Generate alerts** option
- **Enable Remote Support** option.
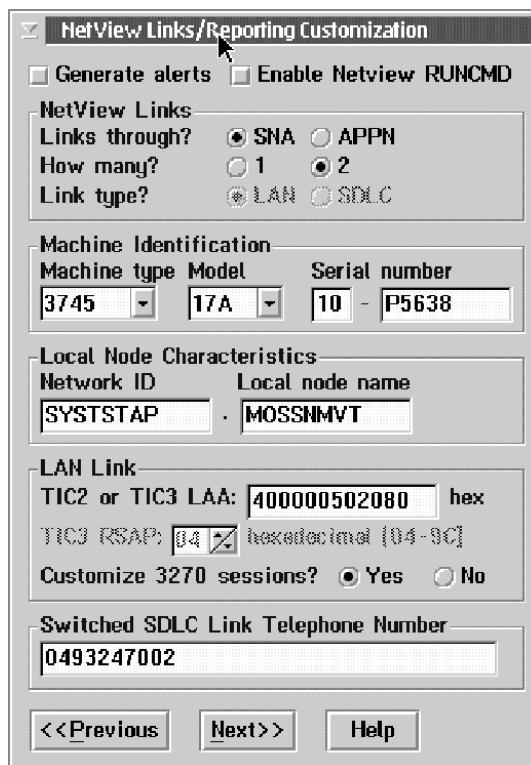
If you have changed one of these options or both, then go 10.6.1, "Re-configuring Service Processor Customization Options." Otherwise, continue with 10.6.2, "Adapter Code Loading per Processor Type" on page 41.

### 10.6.1  Re-configuring Service Processor Customization Options

__ 1. Select the **SP Customization** function from the **Service Processor configuration** menu to display the **Service Processor (SP) Customization** window.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|---|---|---|---|---|---|---|
| FBM | 38 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**38**
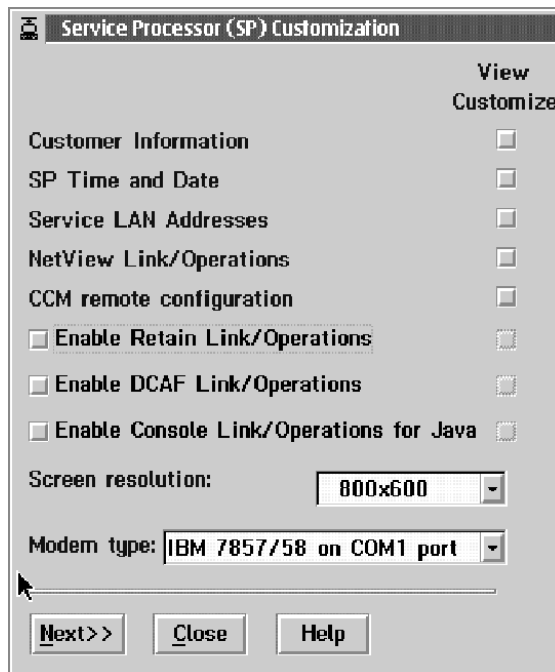
__ 2. Depending on the change you made, do one of the following:

- If you have modified both options, click on the **NetView Link/Operations** and the **Enable Retain Link/Operations View Customize** check-boxes and go to the next step.

- If you have modified only the **Generate alerts** option then select the **NetView Link/Operations View Customize** check-box and go to the next step.

- If you have modified only the **Enable Remote Support** option then select the **Retain Link/Operations View Customize** check-box and go to step 5 on page 40.

__ 3. Press **Next>>** to display the **NetView Link(s)/Reporting Customization** window.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|--|--|
| FBM | 39 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

___ 4. Select the **Generate alerts** option.

___ 5. Click on **Next>>** button to display the **Retain Customization** window.



___ 6. Select the **Enable Support Facility (RSF)** option.

___ 7. Click on **Next>>** button to return to the **Service Processor (SP) Customization** window.

___ 8. Click on **Close**. The **SP customization Message** is then displayed:

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|--|--|
| FBM | 40 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**40**
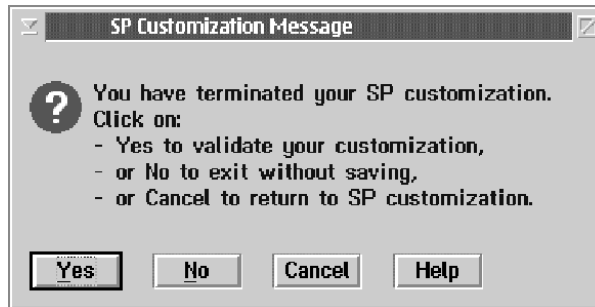
___  9. Click on **Yes** button to confirm your customization and start the Service Processor customization updating.
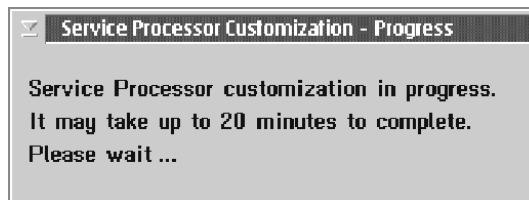


___ 10. Wait until completion.  When completed, the following window is displayed:



___ 11. Click on **OK** button.

___ 12. Go to 10.6.2, "Adapter Code Loading per Processor Type."

## 10.6.2  Adapter Code Loading per Processor Type

┌─ **Before you start...** ─────────────────────────────────────────┐

Perform the following procedure to define the network routing protocol to be loaded per processor type. If the customer does not want to specify this information, go to 10.6.5, "Logging OFF from Service Processor" on page  44 (All protocols will be loaded in all types of processors).

└───────────────────────────────────────────────────────────────┘

___  1. On the **Service Processor** menu, click on **Configuration Management**, then double click on **Manage 3745/3746 Installation/Removal**.

___  2. On the **Controller Installation** menu, select the 3746-9x0 by clicking on the **<3746-9x0>** line, then click on **Select Feature**.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|------------|-----------|------------|-----------|---|---|
| FBM | 41 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**Controller Installation**

Select an item:

| Controller | Type | Model | S/N | Last changes saved |
|------------|------|-------|-----|--------------------|
| BS8-810L | | | | |
| | <3745 not installed> | | | |
| | 3746 | 950(APPN) | 12-34567 | <Not saved> |
| BS FVT | | | | |
| | 3745 | 900 | BS-24681 | <Not saved> |
| | 3746 | 900 | BS-24681 | <Not saved> |
| <New> | | | | |
| | <3745 not installed> | | | |
| | <3746 not installed> | | | |
| <New> | | | | |
| | <3745 not installed> | | | |
| | <3746 not installed> | | | |
| <New> | | | | |
| | <3745 not installed> | | | |
| | <3746 not installed> | | | |

Add...  Save...  Remove...  Clean...  Change...  Repair...

Select Feature  Cancel  Help  3746 M.E.S. 900->950

___ 3. On the **Feature Selection** menu, click on **OK**.

**Features Selection**

Select the features/functions you want to install and enter corresponding passwords:

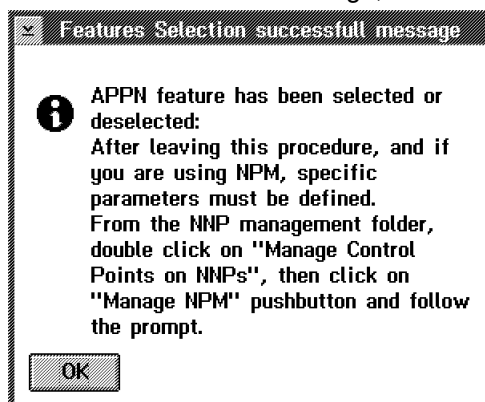| Features | Password | Extended Functions | Password |
|----------|----------|--------------------|----------|
| ☑ APPN/HPR | no password | ☐ 3746 (FC.5800) | |
| ☑ IP | «««««««« | ☑ MAE (FC.5804) | «««««««« |
| ☑ X.25 | «««««««« | ☐ TN3270E Server (FC.5806) | |
| ☑ ISDN | no password | ☐ 3746&MAE (FC.5810/5811) Extended Functions 4 | |

OK  Cancel  Help

___ 4. According to the customer's requirement, On the **Network Routing Protocol Selection Per Processor Type** menu, disable or enable the protocol loaded per processor type, then click on **OK** button.

| 3746 FBM | PN 10K8559 42 of 46 | EC F70090 08 OCT 1999 | EC F70090A 18 NOV 1999 | EC F70110 20 JAN 2000 | | |
|----------|---------------------|-----------------------|------------------------|-----------------------|---|---|

**42**

**Network Routing Protocol Selection Per Processor Type**

Select the routing protocol(s) you want to load per processor type:

| CLP | CBTRP | TRP | ESCP |
|---|---|---|---|
| ☑ APPN/HPR | ☑ APPN/HPR | ☑ APPN/HPR | ☑ APPN/HPR |
| ☐ IP | ☑ IP | ☑ IP | ☑ IP |

OK    Cancel
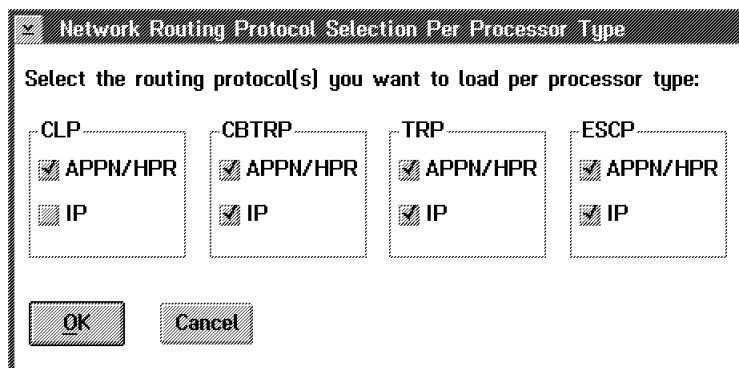
___ 5. Read the information message, then click on **OK** button.

**Features Selection successfull message**

🛈 APPN feature has been selected or deselected:
After leaving this procedure, and if you are using NPM, specific parameters must be defined.
From the NNP management folder, double click on "Manage Control Points on NNPs", then click on "Manage NPM" pushbutton and follow the prompt.

OK

___ 6. When completed, click on **OK** and perform a general IML to activate the feature installed, then go to 10.6.5, "Logging OFF from Service Processor" on page 44.

## 10.6.3  Saving Configuration Parameters

___ 1. Double click on the **Service Processor** icon.

___ 2. Click on **Operation Management**.

___ 3. Double click on **Manage Disks and Databases**.

___ 4. Use the radio button to select **Save databases on diskette** to save the configuration parameters.  When prompted, insert **Configuration Parameters diskette** (PN 02L3427) into the diskette drive.

___ 5. Click on **OK** and wait for completion.  If error, record the message and contact support.

___ 6. Remove the diskette, then click on **Cancel** to exit from the function.

## 10.6.4  Updating Installation Parameters Diskettes

Once you have upgraded the hardware of the machine, you have to regenerate the format on the Installation Parameters Diskettes using the following procedure: (Duration approximately 13 minutes)

___ 1. On the **Service Processor** menu, click on **Configuration Management**, double-click on **Manage 3745/3746 Installation/Removal**.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|---|---|---|---|---|---|---|
| FBM | 43 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**43**

  2. On the **Controller Installation** menu, Click on the **3746-9x0** installed, then Click on **Save**.

  3. After the **Saving Active CDF-E as Reference** pop-up window has been displayed, insert the **3746-900 installation parameters diskette (PN 17G5878)** of the 3746-9x0 and click on **OK**.

  4. On the third pop up screen confirming CDF-E saved to diskette, remove diskette as instructed and click on **OK**.

  5. Perform the above saving procedure for the backup diskettes, then click on **Cancel**.

### 10.6.5  Logging OFF from Service Processor

  1. On **MOSS-E View** window, click on **Program**.

  2. Click on **LOG OFF MOSS-E**.

# 11.0  Test Procedures

Not applicable.

# 12.0  Field Updating

None.

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|------------|-----------|---|---|
| FBM | 44 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

**44**

# After Installation (13-15)

# 13.0  Publications Update

None.

# 14.0  Parts Disposition

## 14.1  Purchased Machines

Refer to the part ownership matrix to determine the correct owner of removed/unused parts.

- For non US Areas, refer to *Hardware and General Service Code Description*.

- For Domestic Areas, returns parts to the customer.

# 15.0  Machine Records

- Install updated machine history provided.

# 16.0  Activity Reporting

- Report the EC installation activity in normal QSAR.

**End of instructions.**

| 3746 | PN 10K8559 | EC F70090 | EC F70090A | EC F70110 | | |
|------|-----------|-----------|-----------|-----------|--|--|
| FBM | 45 of 46 | 08 OCT 1999 | 18 NOV 1999 | 20 JAN 2000 | | |

| 3746 FBM | PN 10K8559 46 of 46 | EC F70090 08 OCT 1999 | EC F70090A 18 NOV 1999 | EC F70110 20 JAN 2000 | | |
|---|---|---|---|---|---|---|