IBM Installation Instructions

Installation of
Field Feature Bill of Material (FFBM)

PN 26L0449

Install Network Node Control Point (NNP-A)
Type 3
(Based on 6275)
Feature Code 5423

on IBM 3746-900.

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Before Installation (Steps 1-8)

1.0 Machines Affected

3746 Model 900 with service processor type: 6275-56U, 6275-83U, 7585-P02, or 3172-P90.

This feature should only be applied on the machine serial number for which it is specified.

2.0 Related BMs and ECs

2.1 Prerequisites

(Must be installed prior to this installation)

Feature	Title
5053	Service Processor type 6275-56U or 6275-83U or
5052	Service Processor type 7585-P02 or
5021	Service Processor type 3172-P90

EC	Title
F12720	Licensed Internal Code (Minimum level)

Checkpoint: Check that the TSP EC Level is F12724.000 or higher.

Note: Refer to the *SPIM* or the *Service User's Guide* shipped with the service processor, verify that the code is at EC **F12720** or above.

Use the procedure: **Displaying the EC Level of the Code installed on the hard disk**. If the EC of the code installed is prior to F12720, use the installation instructions to install the new level of code shipped.

2.2 Concurrent ECs

(Must be installed together)

None.

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2.3 Companion ECs

(May be installed together)

None.

3.0 BMs to be Installed

**Feature
B/M   Title**

26L0449   Network Node Processor A (NNP-A) Feature Code 5423

4.0 Preparation

1. Familiarize yourself with the purpose and details of the installation instruction before negotiating machine time with the customer.

2. Check all items listed on the BM(s) to determine that all parts have been received. Refer to chapter 1 in the *Network Node Processor Installation and Maintenance (Based on 6275)*, SY33-2126.

3. The set up of the NNP-A has no impact on customer operations.

4. Obtain from the customer the **Parameter worksheet**.

5.0 Programming

None.

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6.0 Purpose and Description

6.1 Purpose

To support the APPN, X25, IP,ISDN, or MAE functions on 3746-900.

6.2 Description

The installation of the NNP-A is divided into three main steps:

1. Installing the **NNP** code on the **SP** hard disk.

2. Installing the 6275-56U or 6275-83U system unit

3. Loading the code on the NNP-A.

Note: Step 2 and 3 are documented in the *Network Node Processor Installation and Maintenance (Based on 6275)*, SY33-2126.

7.0 Installation Time

FFBM	Machine Hrs.	System Hrs.	Nbr of CEs
26L0449	0.2	0.0	1

Note: To reduce the MES installation time it is recommended that you load the Network Node Processor Code on the Service Processor and install the system unit at the same time.

No impact on 3745 customer operations.

8.0 Tools/Material Required

None.

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Installation (Steps 9-12)

9.0 Safety

Review the **Safety Notices** and the **Safety Inspection Procedures** located at the beginning of the *IBM 3745 Communication Controller All Models*, *IBM 3746 Expansion Unit Model 900*, *IBM 3746 Nways Multiprotocol Controller Model 950 Safety Information*, GA33-0400.

10.0 Details of Installation.

10.1 Installing the NNP Code on the SP hard Disk.

Note: For any unexpected message or error concerning the service processor, go to the chapter **Problem Determination** of the SPIM shipped with your service processor.

On the Service Processor

___ 1. Enter the **Service Processor Maintenance** password (default is IBM3745).

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

___ 3. Click on **Configuration Management**

___ 4. Insert the **Licensed Internal Code CD-ROM** in the CD-ROM drive.

___ 5. Double click on the **Install 3746 and NNP LIC on SP Hard Disk**, then follow the prompts.

___ 6. Wait (Up to 45 minutes) for the message: **Operation successfully completed**.

10.2 Installing and Connecting the NNP

Note: For any unexpected message or error concerning the NNP-A, go to the chapter **Problem Determination** in the *Network Node Processor Installation and Maintenance (Based on 6275)*, SY33-2126.

___ 1. Using the *Network Node Processor Installation and Maintenance (Based on 6275)*, SY33-2126., go to chapter 1 and install the NNP following the instructions to install a NNP-A. When completed go to next step.

___ 2. Ask the customer for a maintenance window on 3746-900 with traffic deactivated.

___ 3. Shutdown and restart the Service Processor and re-iml the 3746-9x0

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10.3 Returning the Machine to the Customer

Inform the Customer that the machine is now ready to support the installation of APPN, X25, IP,ISDN, or MAE functions on 3746-900.

11.0 Test Procedures

No test required.

12.0 Field Updating

None.

After Installation (Steps 13-15)

13.0 Field Updating

None.

14.0 Publications Update

None.

15.0 Parts Disposition

15.1 Purchased Machines

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

- For EMEA/APG/AG Areas, refer to *Hardware and General Service Code Description*.
- For Domestic Areas, return parts to the customer.

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16.0 Machine Records

- Install the new **MACHINE HISTORY** supplied.
- Report installation and quality problems using existing procedures.

End of instructions.

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