

## **Field Feature Bill of Material**

**PN 29H4831**

### **Installation of IP Routing (FC 5033) on IBM 3746 Model 9X0.**

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## Before Installation (Steps 1-8)

### 1.0 Machines Affected

IBM 3746 Model 9X0 with Network Node Processor Feature (FC 5022)

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

### 2.0 Related BMs and ECs

#### 2.1 Prerequisites

(Must be installed prior to this installation)

- Microcode level: EC D46100 or higher.

**Checkpoint:** Check that the Basic Level Packaging Unit APPN EC level is D22571-000 or higher.

**Note:** Refer to *SPIM*, Chapter 3. 'Displaying the EC Level of Code'.

#### 2.2 Concurrent ECs

(Must be installed together)

None.

#### 2.3 Companion ECs

(May be installed together)

None.

### 3.0 BMs to be Installed

FFBM 29H4831 - Installation of IP Routing (FC 5033) on IBM 3746-9x0.

### 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 to determine that all parts have been received. Verify that the 2 password sheets - Form (PN 29H4834) are received and provides the passwords needed to enable the software features.

3. Obtain the Service Processor Maintenance Password from the customer.

## 5.0 Programming

None.

## 6.0 Purpose and Description

### 6.1 Purpose

To support IP Routing operation on 3746-900.

### 6.2 Description

## 7.0 Installation Time

FFBM	Machine Hrs.	System Hrs.	Nbr of CEs
29H4831	0.5	0.0	1

## 8.0 Tools/Material Required

None.

## Installation (Steps 9-11)

### 9.0 Safety

Not applicable.

### 10.0 Details of Installation.

- \_\_\_ Ensure that 3746-9x0 is powered ON and IML'd.
- \_\_\_ Ask the Customer to stop the traffic on the 3746-9x0

#### 10.1 Unlocking the IP Routing capability.

- \_\_\_ 1. If not already logged, enter the **Service Processor Maintenance Password** (Default is IBM3745).
- \_\_\_ 2. Double click on the **Service Processor** object icon.
- \_\_\_ 3. Click on "**Configuration Management**".
- \_\_\_ 4. Double click on "**Manage 3745/3746-9x0 installation/Removal**"
- \_\_\_ 5. On the Controller Installation menu: Click on the 3746-950 or the 3746-900NN, on which the feature should be installed, then Click on **Select Feature** button.

The screenshot shows a window titled "Controller Installation". Inside, there is a section "Select an item:" followed by a table with the following columns: "Controller", "Type", "Model", "S/N", and "Last changes saved".

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>			

Below the table are several buttons: "Add...", "Save...", "Remove...", "Clean...", "Change...", "Repair...", "Select Feature", "Cancel", and "Help". A status bar at the bottom right displays "3746 M.E.S. 900 / 950".

Figure 1. Controller Installation

- \_\_\_ 6. On the **Features Selection** display:
  - \_\_\_ a. Click on the **"IP"** selection box,
  - \_\_\_ b. Enter the corresponding password (The password is recorded on the forms - PN 29H4834), then
  - \_\_\_ c. Click on **OK** button.



Figure 2. Features Selection

- \_\_\_ 7. On the **Features selection successful message** display:
  - If an error is reported,
    - Note message and code, click on **"OK"**, then
    - Contact your support.
  - If no error is reported, click on **OK**

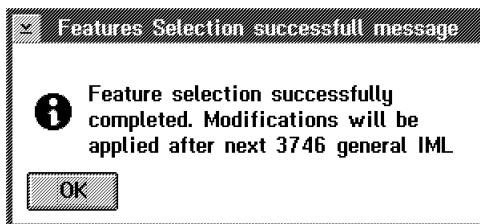


Figure 3. Features Selection

## 10.2 Activating the feature installed.

- \_\_\_ 1. From the **MOSS-E View** screen, double click on the **Controller 3746-9x0** object icon, on which the feature has been installed.
- \_\_\_ 2. Click on **Operation Management**
- \_\_\_ 3. Double click on **Perform General IML**

### 10.2.1 Saving Configuration Parameters on Optical Disk

- \_\_\_ 1. From the **MOSS-E View** screen, double click on the **Service Processor** object icon.
- \_\_\_ 2. Click on **"Operation Management"**.
- \_\_\_ 3. Double click on **Manage Disks and Databases**.
- \_\_\_ 4. Select **"Save databases on optical disk"** by clicking on the radio buttons..
- \_\_\_ 5. Click on **"OK"** follow the prompts and wait for completion..

**If error**

- 1. Note message and code, then
- 2. Refer to the **Start** page of:
  - the *3745 Communication Controller Models 210 to 61A Maintenance Information Procedures*, SY33-2054, if you are working on a **3745 Model X1A**,
  - the *3745 Communication Controller Models 130 to 17A Maintenance Information Procedures*, SY33-2070, if you are working on a **3745 Model 17A**, or
  - the *3746-950 Service Guide*, SY33-2108, if you are working on a **3746-950**.

- \_\_\_ 6. Click on **"Cancel"** to exit from the function.

## 10.3 Returning the Machine to the Customer

- \_\_\_ 1. Inform the Customer or his representative, that the 3746-9x0 is now ready to support IP Routing operation,
- \_\_\_ 2. Tell him that he can start the traffic, then
- \_\_\_ 3. Give to him one IP Routing password sheet copy (Form - PN 29H4834).



# 11.0 Test Procedures

No test required.

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## After Installation (steps 12-15)

### 12.0 Field Updating

None.

### 13.0 Publications Update

File the second IP Routing password sheet on the SPIM binder (PN 29H4852).

### 14.0 Parts Disposition

Not applicable

### 15.0 Machine Records

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

**End of instructions.**