

## **Field Feature Bill of Material (FFBM)**

**PN 08J5504**

### **Removal of a Serial Optical Channel Processor type 3 (FC 5523) from IBM 3746 Models 9X0**

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## Before Removal (Steps 1-8)

### 1.0 Machines Affected

37466 Models 9X0.

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

### 2.0 Related BMs and ECs

None.

### 3.0 BMs to be Used

FFB/M	Title
09J2973	Remove ESCP3 (FC 5523).
08J5504	Installation Instructions

### 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.
3. *This FFBM contains ESD sensitive parts. Prior to handling such part refer to "ESD Sensitive Parts Handling," outlined in Service Memorandum No. 305 of the IBM General Technical Service Memorandums group, IBM order number S230-9009.*
4. Obtain the *HONE configuration/plugging sheet* from the Customer or from the IBM representative.

### 5.0 Programming

## 5.1 Diagnostic Programs

None.

## 6.0 Purpose and Description

### 6.1 Purpose

Removal of a feature.

### 6.2 Description

Removal of a cassette and reconfiguration of the machine.

## 7.0 Installation Time

FFB/M	Machine Hours	System Hours	Nbr odf CE
09J2973	0.5	0.0	1

## 8.0 Tools/Materials Required

**Part No.**   **Name.**

**6428316**   ESD kit

## Removal (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 Multinetwork Controller Model 950 Safety Information, GA33-0400*.

### 10.0 Details of the Installation.

Before the removal, ask the customer:

- \_\_\_ • To deactivate resources for the identified processor.
- \_\_\_ • For the maintenance password.
- \_\_\_ • To logoff the Service Processor (SP), if not already done.

#### 10.1 Setting 3746-9X0 Power Mode.

On the 3746-9x0 Control Panel:

- \_\_\_ Check that the **Power Control** indicator displays **3**.

**If it does not**, record the value \_\_\_, press the **Power Control** key until (3) is displayed in the Power Control window. Then, press the **Validate** key.

**Otherwise**, continue with next step.

#### 10.2 Logging ON the Service Processor.

- \_\_\_ 1. On **MOSS-E View** window, click on **Program**.
- \_\_\_ 2. Click on **LOG ON MOSS-E**.
- \_\_\_ 3. Enter the maintenance password, press **Enter**.

#### 10.3 Removing the Processor.

On the Service Processor:

- \_\_\_ 1. Double click on the 3746-9X0 icon.
- \_\_\_ 2. On **3746-9X0 Menu** window, click on **Configuration Management**.
- \_\_\_ 3. Double click on **Remove Resources in Concurrent Mode**.
- \_\_\_ 4. On **Remove Resource Option - Resource Selector** window, click on the resource you want to remove. Then, click on **OK**.



- \_\_\_ 5. On **Resource Selector** window, click on ESCP3 to be removed. Then, click on **OK**.
- \_\_\_ 6. When confirmation window appears identifying resource for removal wait for alarm 0651.
- \_\_\_ 7. When alarm 0651 is displayed, click on **OK**.  
The **Confirmation** panel is displayed.

**From the front side of the 3746-9x0:**

- \_\_\_ 8. Open the front cover.
- \_\_\_ 9. Locate the ESCP3 cassette to be removed.

(Refer to the *HONE configuration/plugging sheet* and the following figures).

Q	P	M	K	H	F	D	B
Dummy	TRP / ESCP / CLP	TRP / ESCP / CLP	TRP / ESCP / CLP	TRP / ESCP / CLP	CBSP	SPS	CSCE

Figure 1. Basic Enclosure

Q	P	M	K	H	F	D	B
Dummy	TRP / ESCP / CLP	TRP / ESCP / CLP	TRP / ESCP / CLP	TRP / ESCP / CLP	TRP / ESCP / CLP	TRP / ESCP / CLP	CSCE

Figure 2. 1st or 2nd Expansion Enclosure.

- \_\_\_ 10. Unplug the ESCP3 cassette, following the instructions printed on the labels fitted to the frame.
- \_\_\_ 11. On reception of alarm 0051 or 0571, plug the dummy cassette(s) following the instructions printed on the labels fitted to the frame.
- \_\_\_ 12. On the alarm message, click on **OK**.
- \_\_\_ 13. On confirmation panel, click on **OK**.
- \_\_\_ 14. On **Remove Resource Options - Resource Selector** window
- \_\_\_ 15. If another ESCP3 should be removed return to step 4 on page 5 and repeat steps 4 through 15, otherwise, click on **Cancel**.
- \_\_\_ 16. On **Confirmation** window, click on **OK**.

**Important Note**

According to the level of microcode the following pop up screen **Active CDF-E has been successfully saved as reference CDF-E** may not be displayed (within 1 minute). Click on **OK** if displayed.

## 10.4 Saving CDF-E on Diskette

- \_\_\_ 1. Double click on the SP icon.
- \_\_\_ 2. On **Service Processor Menu** window, click on **Configuration Management**.
- \_\_\_ 3. Double click on **Manage 3745-3746-9X0 Installation**.
- \_\_\_ 4. On **Controller Installation** window, select the machine you are installing/removing the cassette.
- \_\_\_ 5. Click on **Save**.
- \_\_\_ 6. When requested, insert the *Installation Parameters Diskette* in the diskette drive of the SP.
- \_\_\_ 7. When the **Warning** window is displayed, remove the diskette and click on **OK**.
- \_\_\_ 8. On **Controller Installation** window, click on **Cancel**.

## 10.5 Re-setting 3746-9X0 Power Mode

On the 3746-9X0 Control Panel:

- \_\_\_ Set the **Power Control** indicator to its original value. Then, press the **Validate** key.

## 10.6 Logging OFF the Service Processor.

- \_\_\_ 1. On the **3746-9X0 Menu** window, click on **Function**, then, click on **Exit**.
- \_\_\_ 2. On the **MOSS-E View** window, click on **Program**.
- \_\_\_ 3. Click on **LOG OFF MOSS-E**.

## 11.0 Test Procedures

No test required.

## 12.0 Field Updating.

None.

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## After Removal (steps 13-15)

### 13.0 Field Updating

None.

### 14.0 Publications Update

None.

### 15.0 Parts Disposition

All replaced/removed parts become the property of IBM. You **MUST RETURN** these parts following the instructions given on the Returned Material Equipment Report (RMER) provided with this FFBM.

### 16.0 Machine Records

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

**End of instructions.**