

Field Feature Bill of Material

Installation of 3746 Extended Functions 2 (FC 5802) on IBM 3746 Model 9x0 with SP type: 7585-P02 (FC 5052), or 6275 (FC 5053/5050)

Written by: F.Bucquet
Checked by: C.Laugier
Approved by: T.Calvanico
Reviewed by: J.Wicks

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Before Installation (Steps 1-8)

1.0 Machines Affected

IBM 3746 Model 9x0.

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)

- All functions require:
 - Microcode Level: EC **F70090** or higher. If already installed, no action is required on the 3746-9x0. See 5.0, "Programming" on page 4.
 - A Service Processor type:
 - 7585-P02 (FC 5052) or
 - 6275 Model 56U or 83U (FC 5053/FC 5050).
 - A Network Node Processor type:
 - 7585-P02 (FC 5122) or
 - 6275 (FC 5423/FC 5049).
- Software microcode features:
 - Either 5800 or
 - 5810 or
 - 5811.

2.2 Concurrent ECs

(Must be installed together)

None.

2.3 Companion ECs

(May be installed together)

None.

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3.0 BMs to be Installed

Feature BM	Feature Name
10K8500	3746 Extended Functions 2 (FC 5802)

4.0 Preparation

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

5.0 Programming

OS/390 V2R5 or V2R6 with VTAM APARs:

- OW39457
- OW35544
- OW38324
- OW37979
- OW35776

6.0 Purpose and Description

The 3746 Extended Functions 2 (FC 5802) provides the following functions:

- The Sessions Services Extensions (SSE) function – APPN Options sets 1061, 1063 and 1118 – allows the 3746 Models 900 and 950 to connect to an Extended Border Node in another APPN network.

SSE also allows the 3746-9x0 to fully act as APPN Network Node Server for VTAM End Nodes. This implementation of SSE on the 3746-9x0 requires no MAE.

- The Enhanced Topology Garbage Collection function – APPN option set 087– allows APPN resources removed from the network (including the network nodes, transmission groups between network nodes) to be deleted from the network topology database in a coordinated manner between the 3746 and the other APPN Network Nodes implementing the same option. This automatic deletion of removed/unusable resources from the network topology data base simplifies the displayed network topology and makes it easier to use, while saving operator-driven topology maintenances.

7.0 Installation Time

To be reported as MES installation.

FFBM	Machine Hrs.	System Hrs.	Nbr of CEs
10K8501	0.5	0.0	1

8.0 Tools/Material Required

None.

Installation (Steps 9-12)

9.0 Safety

Not applicable.

10.0 Details of Installation.

Using the SPIM or the Service User's Guide shipped with the service processor, verify that the code installed is at EC **F70090** or above.

Use the procedure: **Displaying the EC Level of Code installed on the Hard Disk**. If the EC of the code installed is prior to F70090, use the installation instructions to install the new level of code shipped.

10.1 Returning the Machine to the Customer

Inform the Customer or his representative, that the 3746-9x0 is now ready to support the 3746 Extended Functions 2.

11.0 Test Procedures

No test required.

12.0 Field Updating

None.

After Installation (steps 13-15)

13.0 Publications Update

None

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.

