

DIGITAL	FCO	CATEGORY [F]	PAGE 1 OF 3
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FIELD CHANGE ORDER	NUMBER: DM300-F001
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APPLICABILITY: All DM308-AA/-AB, DM316-AA/-AB/-BA/-BB and DM332-BA/BB at Revision E01 or lower.

PROBLEM & SYMPTOM: Composite link problems with data compression, dropping links to adjacent MUXserver 300/310 and DECMux 3XXs, numerous problems with Async ports.

SOLUTION: Replace 54-18590-01 module with REV F01 Version.

QUICK CHECK: If E140 on 54-18590-01 is a 23-236E7-00, FCO is not required.

PRE/COREQUISITE FCO: DSRZC-F001 and DM300-F001 must be installed on adjacent MUXserver 300/310 and DECMux 3XXs for this FCO fully effective.	MTTI HRS 1.5
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TOOL/TEST EQUIPMENT: Portable ESD workstation.

#### FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS	EQ KIT VARIATION APPLICABILITY
EQ-01580-02	See Page 2 for Contents of EQ Kit.	DM308-AA/AB DM316-AA/AB/BA/BB DM332-BA/BB
FA-04909-02	(1) FCO document	54-18590-01

#### FCO CHARGING INFORMATION

##### WARRANTY/CONTRACT

##### NONWARRANTY/NONCONTRACT

###### ON-SITE

###### OFF-SITE

###### ON-SITE

###### OFF-SITE

###### MATERIAL ONLY

TRAVEL/ INSTALL	EQ KIT	INSTALL	EQ KIT	TRAVEL/ INSTALL	EQ KIT	INSTALL	EQ KIT	ORDER-ADMIN, HANDLING PKG, SHIPPING & EQ KIT
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DEC	DEC	DEC	DEC	CUS	CUS	CUS	CUS	CUS
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#### APPROVALS

CSSE Erik Piip	FSHQ LOGISTICS Martha Vogel	FS PRODUCT SAFETY Bob Brister
CSSE MANAGER Gene Yonchak	FS. MICROFICHE LIBRARIES N/A	FCO RELEASE DATE 23 July 1990
MICROMEDIA Diane MacDonald	STARS VAX Notes	FCO REVISION A

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Contents of EQ-01580-02 (Continued from Page 1)

QUANTITY	PART NUMBER	DESCRIPTION
1	54-18590-01	REV F01 Module
1	N/A	DECmux Rev. label set

THIS UPDATE IS APPLICABLE TO ALL DM308-AA/AB, DM316-AA/AB/BA/BB AND DM332-BA/BB AT REVISION E01 OR LOWER.

This update requires changing the logic module in the DECmux 300 and adding a new revision label to the unit.

The following are the steps to follow when installing the updated firmware on the DECmux 300:

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*****
*                               C A U T I O N                               *
* All modules and chips contain electrostatic discharge *
* sensitive devices (ESDS). The use of the VELOSTAT kit *
* is essential to prevent damage which may not be noticed *
* immediately. *
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1. Use the "Anti-Static WorkStation" (DEC P/N 29-26246-00) when performing the following update. All proper anti-static procedures (as outlined in DEC-STD-067) are to be followed at all times.
2. Set up the VELOSTAT Kit:
  - Unfold the VELOSTAT mat to full size.
  - Attach the 15' ground cord to the VELOSTAT snap fastener on the mat.
  - Attach the alligator clip end of the ground cord to a good ground on the system.
  - Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.
3. Place the DECmux 300 on the VELOSTAT mat.

\*\*\*\*\*  
 \* C A U T I O N \*  
 \* Remove all power from the device before proceeding. \*  
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4. Remove the DECmux 300 power cord from the electrical outlet. To ensure total isolation from AC power, also remove the power cord from the IEC receptacle of the DM300 and set the cord aside. Expose the unit's bottom, locate and remove the four (4) screws that secure the plastic covers and the rubber feet. Locate and remove the four (4) screws that secure the bottom plastic cover to the metal box. Remove the plastic cover. Split the unit's metal covers by removing the screws holding the halves together, and unfolding them. Take care with the power supply cable connecting the two halves and the cables going to the Distribution panels.
5. Remove all cables attached to the logic module, taking care to note their position.
6. Remove the new REV F01 logic module from its packaging, and place it on the ESD work station.
7. Remove the screws securing the original logic module in the unit. Then remove the module from the unit, also placing it on the ESD workstation.
8. Install the replacement module in the reverse order to removing the original module.
9. Re-assemble the unit.
10. Install the appropriate "DM3XX-X REV F01" label, (which reflects the model of DECmux 300), over the original revision label on the rear of the unit.

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