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FIELD CHANGE ORDER	NUMBER: DSRZA-F002
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APPLICABILITY: All DSRZA-BA/BB and 70-24216-01/02 at revision C1 or lower.

PROBLEM & SYMPTOM: Composite link problems with flow control can cause the MUXserver 100/DECmux II to hang. The CRC error count is incorrect.

SOLUTION: Replace MUXserver 100 with REV D1 unit.

QUICK CHECK: Check that Firmware version is V1.4-05 or check the unit revision label for REV D1.

PRE/COREQUISITE FCO: See Page 2.	MTTI HRS 1.0
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TOOL/TEST EQUIPMENT: A small flat blade screwdriver will be needed.

#### FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS	EQ KIT VARIATION APPLICABILITY
EQ-01577-02 EQ-01577-03	See Contents on Page 2.	DSRZA-BA or 70-24216-02
FA-04904-02	FCO Document	DSRZA-BB or 70-24216-01

#### 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
DEC	DEC	DEC	DEC	CUS	CUS	CUS	CUS	CUS

#### APPROVALS

CSSE Bob Koontz	FSHQ LOGISTICS Martha Vogel	FS PRODUCT SAFETY Robert Brister
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CSSE MANAGER Lee Spector	FS. MICROFICHE LIBRARIES N/A	FCO RELEASE DATE 16 April 1990
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MICROMEDIA Diane MacDonald	STARS VAX Notes	FCO REVISION A
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POPULATION	PARTS AVAILABILITY April, 1990
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This FCO will replace MUXserver 100 units at or below REV C1 with updated units at REV D1. Two kits are available differing only in AC input voltage selection.

Contents of EQ-01577-02 and EQ-01577-03:

FCO kit EQ-01577-02 provides an updated MUXserver 100 assembly configured for 120 Volt AC operation. Kit contents for EQ-01577-02 are as follows:

QUANTITY	PART NUMBER	DESCRIPTION
(1)	70-24216-02	MUXserver 100, 120V
(1)	FA-04904-02	FCO Document

FCO kit EQ-01577-03 provides an updated MUXserver 100 assembly configured for 240 Volt AC operation. Kit contents for EQ-01577-03 are as follows:

QUANTITY	PART NUMBER	DESCRIPTION
(1)	70-24216-01	MUXserver 100, 240V
(1)	FA-04904-02	FCO Document

Co-requisite for this FCO:

DFMZA-F002 (REV D1) must be installed on all attached DECMUX II units and software must be upgraded to V2.3 for this FCO to be effective.

The following are the steps to follow when installing this FCO.

1. Obtain Customer permission to remove the MUXserver 100 from service.
2. Verify that the designated Network Manager has recorded all server parameters and is prepared to return the server to its initial configuration following the hardware upgrade.

Connect a terminal to the supervisor port of the MUXserver 100. At the Local> prompt enter the following commands to show composite port and map characteristics. Record these parameters now for use in step 9.

**\*\*NOTE\*\*:** Refer to the MUXserver 100 Network Reference Manual (EK-DSRZA-RM) for additional information on MUXserver 100 commands.

<CR>

Enter Username> USERNAME <CR>

Local> SET PRIV <CR>

Password> ???????? <CR> (Password will not echo)

Local> COM <CR>

COM> SYSTEM <CR> (This command will display composite link parameters. Record the current value of each parameter and press <CR> to view the next field.)

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COM> MAP <CR> (Record current MAP)

Multiplexer port map

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Mux.: B2-___ Self-Master-up _ _ _ _ _ A1-___
Port: _ _ _ _ _
Conn: _ _ _ _ _
```

3. Power off the MUXserver 100 and remove the power cord from the electrical outlet.

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*****
*                CAUTION                *
*  Remove all power from the device  *
*                before proceeding.      *
*****
```

4. Mark and remove the cables from the MUXserver 100.

5. Physically remove the MUXserver 100.

6. Install the appropriate version MUXserver 100 upgrade and replace all cables that were removed in step 4. (Refer to page 2 for the correct kit number).

**\*\*NOTE\*\*:** If the MUXserver 100 uses the RS422 long line driver option, it will be necessary to set internal switches. For more information refer to the MUXserver 100 Network Reference Manual (EK-DSRZA-RM).

7. Make sure that the designated Network Manager has entered the Ethernet address of the new unit into the load host database

(MSVACONFIG.DAT) before proceeding to the next step.

For more information see the MUXserver 100 Remote Terminal Server Software Installation Guide.

8. Plug the AC power cord into the appropriate AC outlet and switch on power.

Verify that the unit passes self-test by observing the green light on the back of the unit. Successful self-test is indicated by a constant green light about 20 seconds after power has been switched on.

9. Use the SYSTEM command to enter the composite port parameters recorded in step 2.

Use the MAP command to verify that the system has configured correctly.

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Use the TEST command to verify correct operation of the composite link ports.

10. Return the server to the designated Network Manager for reconfiguration. Operational parameters must be reset to initial values before returning the unit to service.

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\\KOONTZ
\\1990
\\APR
\\FCO_DOCS
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