FIELD CHANGE ORDER
Number: DEBET-F002

Applicability: Rework "as needed" DEBET-AA, AB, RH, RJ below Revision Level "J7", and DEBET-RC, RD below Revision "F8" for customers experiencing problems as noted in the Problem/Symptom Section of this FCO document. This FCO accomplishes an upgrade from DEBET LAN Bridge 100 to DEBET LAN Bridge 150 for U.S. Digital Assistance Service Customers.

Problem/Symptoms: This FCO corrects the following problems; 1) Broadcast address not being passed through bridge when Apple’s/MAC’s are installed on the network. 2) Line cost parameter is not saved through a reset.

Quick Check: 1) The unit tag located on the rear of the DEBET-AA, AB, RH and RJ will have Revision Level at or above "J7". The unit tag located on the rear of the DEBET-RC and DEBET-RD will have Revision level at or above "F8". 2) Execute the RBMS (Remote Bridge Management Software) command "ADD FOR PHY ADD XX........ZZ 2", successfully.

Compatibility/Prerequisite FCO: N/A
Est. Time to Install: 1.0 hr.

Special Tools or Test Equipment: N/A

FCO Parts Information

Order by FCO Kit # | Contents
--- | ---
Quantity | Part Number | Description
See Page 2 for EQ Kit Ordering Information

EQ Kit Variation/System-Option Applic: DEBET family of Ethernet Bridges.

Approvals

CSSE Engineer
Dave Benson

F.S. Product Safety
Robert Brister

F.S. Logistics
Joseph Michalski

Responsible CSSE Mgr.
Jonathan Lewis

F.S. Microfiche Libraries
N/A

Affected Population
493

MicroMedia Publishing
Diane MacDonald

STARS

Initial Kitting
493

Revision:
A

VAX Notes

Hardcopy Publication
550
[Problem/Symptoms (Continued from Page 1)]

3) Bridge fails upon receipt of bad RBMS messages. 4) Bridge fails to respond after continuous receipt of RBMS read bridge message. 5) Bridge considers miss_error from the lance to be fatal. 6) Bridge returns an error message when trying to add or set a learned address. 7) Bridge fails to re-pick random SYS ID interval. 8) Raising the link cost of the InLink to a value higher than 20 causes the InLink to go into backup mode. 9) Setting of address on the bridge by RBMS command line "ADD FOR PHY ADD XX........ ZZ LINE 2" fails.

[EQ Kit Ordering Information (Continued from Page 1)]

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<td>DEBET-AC</td>
<td>DEBET LAN BRIDGE 150/Local 120v</td>
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<tr>
<td>FA-04839-02</td>
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<td>DEBET-RP</td>
<td>DEBET LAN BRIDGE 150/REMOTE 240V</td>
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<td>DEBET-AD</td>
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<td>DEBET-RQ</td>
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**REWORK PROCEDURE**

Four FCO EQ Kits have been created and made available for Digital Assisted Services Customers to upgrade their existing DEBET LAN Bridge 100 to an appropriate model DEBET LAN Bridge 150.

**PLEASE REFER TO THE FOLLOWING CHART TO INSURE THAT YOU HAVE THE APPROPRIATE FCO EQ KIT TO UPGRADE YOUR EXISTING DEBET LAN BRIDGE 100 TO A DEBET LAN BRIDGE 150.**

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<td>DEBET-RC, DEBET-RH</td>
</tr>
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<td></td>
<td>FCO Document</td>
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</tbody>
</table>
1. Obtain the Customers permission and perform all necessary procedures to logically remove the DEBET from the Network.

2. Remove power from the DEBET by disconnecting the AC power cord from the outlet.

3. Mark and remove the Ethernet cables from the DEBET LAN Bridge 100.

4. Physically remove the DEBET LAN Bridge 100 from the network.

5. Install the appropriate version DEBET LAN Bridge 150 upgrade to the network replacing all cables that were removed in Step 3. (Refer to the chart above for model designations.)

6. Plug the AC Power cord into the appropriate AC outlet to power up the unit.

7. Testing of the DEBET is accomplished in two manners.

   a) By a diagnostic self-test whenever power is applied to the unit. To verify successful completion of the diagnostic upon power-up examine the self-test LED on the rear of the unit. If the diagnostic is successful the "T" (self-test ok) and the DC OK LED’s will be ON.

   NOTE** (Please allow up to 45 seconds for the self-test and communications tasks to complete, then compare the status of the LED’s.)

   b) Check the logical link by sending a message from a node on one side of the bridge to a node on the other side. On a VAX/VMS system running DECnet, you can send a message by using the SET HOST command.