d i g i t a l	Level of Urgency	Page _1__ Of ___3__
FCO	[F]	

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 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		

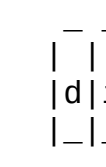
EQ Kit Variation/System-Option Applic: DEBET family of Ethernet Bridges.

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 VAX Notes	Initial Kitting 493
Revision: A		Hardcopy Publication 550

FCO Release Date		Parts Availability
5 February 1990		February, 1990

EN-01095-12-REVB(548)



FCO DEBET-F002

[1mProblem/Symptoms (Continued from Page 1) [0m

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.

[1mEQ Kit Ordering Information (Continued from Page 1) [0m

EQ-01536-02	1	DEBET-AC	DEBET LAN BRIDGE 150/Local 120v
FA-04839-02	1		FCO Document
EQ-01536-03	1	DEBET-RP	DEBET LAN BRIDGE 150/REMOTE240v
FA-04839-02	1		FCO Document
EQ-01536-04	1	DEBET-AD	DEBET LAN BRIDGE 150/Local 240v
FA-04839-02	1		FCO Document
EQ-01536-05	1	DEBET-RQ	DEBET LAN BRIDGE 150/Remote240V
FA-04839-02	1		FCO Document

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.

EQ KIT #	CONTENTS	REPLACES EXISTING LB100 MODEL
EQ-01536-02	DEBET-AC	DEBET-AA
	FA-04839-02 FCO Document	
EQ-01536-03	DEBET-RP	DEBET-RC, DEBET-RH
	FA-04839-02 FCO Document	

EQ-01536-04	DEBET-AD FA-04839-02 FCO Document	DEBET-AB
EQ-01536-05	DEBET-RQ FA-04839-02 FCO Document	DEBET-RD, DEBET-RJ

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.

****
* *** CAUTION *** *
* To assure that the AC power is removed from the unit, the AC power cord must be disconnected. *
****

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.

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