DIGITAL	FCO	CATEGORY	PAGE 1
		[F]	OF 4

FIELD CHANGE ORDER   NUMBER: DRB32-E-F001

APPLICABILITY: This "F" coded FCO will check and upgrade all T1024 field spares. This FCO does not affect the systems. This FCO incorporates the following ECO: T1024-TWO003, Revision 03.

PROBLEM & SYMPTOM: Some number of DRB32-E(T1024) modules have shipped with ECO(T1024-TWO003) implemented incorrectly.

SOLUTION: This FCO consists of a visual check that will allow early detection of an incorrectly installed ECO, before a module is consumed and becomes a customer problem.

QUICK CHECK: Follow the visual check on Time Dependent BLITZ
             (Dated April 30, 1993)

PRE/COREQUISITE FCO: N/A	MFIT HRS
	10 min.

TOOL/TEST EQUIPMENT: N/A

FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS
EQ-01680-01	1 ea T1024 Module, Rev C03
FA-05016-01	1 ea FCO Document

FCO CHARGING INFORMATION (See Last Page)

APPROVALS

TECH. ENGINEER	ENG. BUSINESS MGR.	DS LOGISTICS	DS PRODUCT SAFETY
Bonnie Gayton	Pauline Nist	Steve Wall	Robert Brister
MICROMEDIA	PARTS AVAILABILITY	FCO REVISION: A	FCO RELEASE DATE
Brenda Rogers	JUNE 1993		21-JUN-93

No diagnostic check and no diagnostic failure will occur if the
        DRB32-E (T1024) module has the ECO implemented incorrectly.

        The ECO affects two signal lines; DRB32_NODE_ACTIVE IN, and
        DRB32_NODE_ACTIVE OUT. The two signals are application dependent;
        if a customer does not implement these two signals no problems
        will be encountered.

        Due to the varied use of this module, an exact problem description
        is not available. One indication would be the customers reporting
        the NODE ACTIVE is not working correctly.

     RESOLUTION:

        Implementation of DRB32-E spares purge FCO Number DRB32-E-F001.
        Digital Services Stockroom 17 has been purged of DRB32-E modules,
        as of April 23, 1993. Manufacturing has purged all stockrooms of
        DRB32-E modules, as of April 23, 1993.

     WORK AROUND:

        If customer reports problems with the DRB32-E option, use VISUAL
        CHECK to verify ECO was implemented correctly. Replace the module
        if ECO was not implemented correctly.

        Before installing the new DRB32-E option, use VISUAL CHECK to
        verify ECO was implemented correctly.

Field Installation:
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1. Inspect all T1024 shelf stock by following the procedure
         for the visual check as shown below:
      (Taken from the Time Dependent (BLITZ) dated April 30, 1993.)

         VISUAL CHECK/QUICK CHECK:

         The following defines a visual check for this problem.

         LOCATION:

         View the T1024 module component side up, with LED at the top and
         VAXBI connector pins on the bottom.

         The top left chip is E41 (74F240), this is the chip that the ECO

affects.

To the left of E41 (parallel with E41 pins 6-10) is R143, this
resistor is affected by this ECO.

VERIFICATION:

E41 Pin 14, and 15 should be lifted from VIA's/pin holes/pads of the
module, and R143 Pin 1 (pin located closest to top of module) should
be lifted.

A wire from VIA of E41 Pin 14, should be connected to lifted Pin 15
of component E41. A wire from VIA of E41 pin location 15, should be
connected to lifted Pin 14 of component E41.

A wire from R143 lifted Pin 1, should be connected to lifted Pin 15
of component E41.

2. If the visual check shows that the ECO was incorrectly
    implemented, return the module in an appropriate packing
    container and replace the kit with EQ-01680-01. Label
    the module as (DOA), and in the comment section, state
    that "ECO was incorrectly installed by manufacturing."

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*************************************************************
*                      NOTE                              *
*                 *                                        *
* The replaced T1024 Modules are to be returned immed-    *
* iately to SR #126, via expedited transportation for     *
* upgrading.                                              *
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3. Report this FCO activity on the LARS form in the "Fail Area/
         Module/FCO/Comments" column as follows: FCO DRB32-E-F001
    (See page 4of 4).

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 _ _ _ _ _ _ _            |      FCO    DRB32-E-F001
| | | | | | | | |         |
|d|i|g|i|t|a|l|           |      PAGE   4  OF  4
|_|_|_|_|_|_|_|           |
                          |
_____|_____
```

                              LARS

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                           USA              GIA              EUROPE

     Activity -
     (a)Contract                W                U                K
        Warranty                W                U                W

     (b)IN-DEC Contract         K                U                A
        Non Contract/Non Warranty  F             F                F
     (c)RTD/Off-site Agreement  F                U                F

        Hardware Segment Code   111              111              111
        Product Line            031                               031

     DEC Option                 DRB-32-E         DRB-32-E         DRB-32-E
     Option ID                  X                N/A              N/A
     Type of Call               M                M                M
     Action Taken               D                D                I/V
     Fail Area-Module-FCO-Comments DRB32-E-F001  DRB32-E-F001     DRB32-E-F001
     Material Used              EQ-01680-01      EQ-01680-01      EQ-01680-01
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(a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site)
    Agreements; * Note material (only) free of charge for all customers.
(b) Applies to IN-DEC Area Only
(c) RTD=Return to Digital or Off-site Agreements; If Field Engineer
    On-site, use Activity Code "F".

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|                         FCO CHARGING INFORMATION                            |
|_____|
|       WARRANTY/CONTRACT        ||            NONWARRANTY/NONCONTRACT         |
|_____||_____|
|    ON-SITE   |    OFF-SITE     ||    ON-SITE    |    OFF-SITE   | MATERIAL ONLY      |
|_____|_____||_____|_____|_____|
|TRAVEL/| EQ   |        | EQ      ||TRAVEL/| EQ    |        | EQ    |ORDER-ADMIN,HANDLING |
|INSTALL| KIT  |INSTALL | KIT     ||INSTALL| KIT   |INSTALL | KIT   |PKG,SHIPPING & EQ KIT|
|_____|_____|_____|_____||_____|_____|_____|_____|_____|
| DEC   | DEC  | DEC    | DEC     || CUS   | CUS   | CUS    | CUS   | CUS               |
|_____|_____|_____|_____||_____|_____|_____|_____|_____|
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\\ FCO_DOCS DRB32