

DIGITAL

FCO

CATEGORY

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FIELD CHANGE ORDER

NUMBER: TA90-0001

APPLICABILITY:

This "0" coded FCO should be installed in all TA90 TCU's.

PROBLEM & SYMPTOM:

This FCO corrects a problem of intermittent failures due to tape positioning into physical end of tape.

SOLUTION:

The FCO consists of new functional code for the STI/FIPS adapter (formatter) in the form of new Modules. This code changes the major formatter revision from C to D and changes the software revision to 2.3 (from any lesser software revision). (Continued on Page 2)

QUICK CHECK:

See Page 2 of 4

PRE/CO-REQUISITE FCO:

None

MTTI HRS

1.0 HRS.

TOOL/TEST EQUIPMENT:

Velostat Kit when handling the STI-FIPS Adapter and EPROMs

FCO PARTS INFORMATION

| FCO KIT NO. | DESCRIPTION OF CONTENTS | EQ KIT VARIATION APPLICABILITY |
|-------------|---|--------------------------------|
| EQ-01587-02 | See Page 3 for description of contents. | |
| FA-04917-02 | FCO Document | N/A |

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 Larry Burke | FSHQ LOGISTICS Dennis King | FS PRODUCT SAFETY Robert Brister |
| CSSE MANAGER Gerd Wegmann | FS. MICROFICHE LIBRARIES N/A | FCO RELEASE DATE 1 Oct 1990 |

| | | |
|-------------------------------|--------------------|-------------------------------------|
| MICROMEDIA Diane MacDonald | STARS VAX Notes | FCO REVISION A |
| POPULATION | | PARTS AVAILABILITY October, 1990 |

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[1mSOLUTION: (Continued from Page 1) [0m

It contains new functional code for the TCU in the form of a new floppy disk (version 861K). It also contains a new diagnostic disk for the TCU that contains a few minor fixes and enhancements.

[1mQUICK CHECK (Continued from Page 1) [0m

SPARE STI/FIPS ADAPTOR MODULE:

This FCO must be installed in any spare STI/FIPS Adaptor Module (54-18310-01) below revision D02. If the revision on the BAR CODE label is D02, or D03, OR the CHIP in location E69 is labeled 23-223E7, and the CHIP in location E80 is labeled 23-224E7, then module is at the correct revision, and the FCO is not required.

SUBSYSTEM:

This FCO must be installed in any subsystem with any formatter software version less than 2.3. Both the Left and The Right formatter must be verified.

The Formatter software version may be verified from the System Error log, the HSC console, or by the CE panel. The use of the CE panel to obtain this is described in the following procedure:

1. Press DIAG on the CE panel to enter diagnostic mode.
2. Respond to the question "USE LEFT ADAPTOR" with YES to check the left adaptor, or NO to check the right adaptor.

****NOTE**** The terms "adaptor" and "formatter" both refer to the "STI/FIPS adaptor" 54-xxxx.

3. "DIAG LEFT (RIGHT) CONTROL" message will appear as both the indication of which was selected, and as the next prompt. At this time press the

letter "E" twice, then ENTER.

- This will begin the display of the EE ROM contents. Press NEXT repeatedly to increment to where "ROMS VERSION ___ is displayed. Formatter software revision 2.3 will be displayed as "2.3D".

****NOTE****If Error log, or HSC is used to verify this software revision, only two digits will be displayed, in this case 2.3 will be displayed, but "D" will not appear.

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FCO PARTS INFORMATION (Continued from Page 1)

EQ-01587-02 Non-Contract/Non Warranty and Self Maintenance Customers

- | | | |
|-----|-------------|-------------------|
| (2) | 54-18310 | Modules |
| (2) | 29-27179-01 | Functional Floppy |
| (1) | 29-27158-01 | Support Floppy |
| (1) | FA-04917-02 | FCO Document |

TA90 ADAPTER CODE INSTALLATION PROCEDURE

To upgrade SUBSYSTEM, begin at Step 1, to upgrade and test spare STI/FIPS module, begin with Step 3. To see if this FCO is required in a subsystem, or in a spare module, refer to the QUICK CHECK on Page 2.

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*                                     *
*                   C A U T I O N   *
* Insure that power has been removed from the subsystem before *
* proceeding.                                     *
*****

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- Open the back door to gain access to the STI-FIPS modules.
- Remove all power and interface cables from the STI-FIPS modules, and then remove the modules from Tape Control Unit.

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*                   C A U T I O N   *
*                                     *
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