

\*\*\*\*\*

D I G I T A L

INTEROFFICE MEMORANDUM

\*\*\*\*\*

TO: SUPPORT ENGINEERS  
VAX ENGINEERS  
INSTALL ENGINEERS

FROM: MARTIN TOMLINSON

CC:

DATE: 4TH MARCH 85

SUBJECT: HSC50 DISK TESTING WITH UETP UNDER V4 VMS

---

When running UETDISK00.EXE on a disk on an HSC50 the controller designation should be:-

HSC50-NAME\$DUA

If the HSC50 default name is being used then it would be - HSC000\$DUA - (on Node 0).

Under V3.XX VMS the controller designation would be:- DUK or DUL.

Note: Please correct page 27 of 'Hitchhikers Guide to the HSC50'

Regards,

*Martin*

\*\*\*\*\*

Paul

D I G I T A L

INTEROFFICE MEMORANDUM

\*\*\*\*\*

TO: ALL VAX ENGINEERS  
INSTALLATION ENGINEERS

FROM: MARTIN TOMLINSON

CC:

DATE: 02 OCTOBER 1984

SUBJECT: HSC50 MODULE STATUS CODES

-----

With reference to my previous HSC50 memorandum, here is the HSC requestor status code definition:-

- Bit 7 - Parity Bit
- Bit 6 - Microdiagnostic Failure
- Bit 0-5 - Indicate test number of failed microdiagnostic if Bit 6 is set

Failures may be hardware or microcode detected.

Microcode detected errors are the result of a microcode consistency check failure.

K.sdi hardware detected errors are the result of errors detected on the control bus.

K/sdi hardware detected errors are the result of the following:-

- \* Control bus errors
- \* Scratchpad RAM parity errors
- \* Data bus parity errors
- \* NXM errors not related to data transfer

It is not recommended to swap the module on the first occurrence of the error as the problem may be a fault with the data/control memory/bus.

\*\*\*\*\*

D I G I T A L

INTEROFFICE MEMORANDUM

\*\*\*\*\*

- 2 -

\* K.ci

\* Hardware detected errors:- 15, 20, 23, 31, 33-37,  
40-47, 50, 51, 53-57, 60-67, 70-75.

\* Microcode detected errors:- 14, 16, 17, 21, 22, 24-27,  
30, 32, 52, 76, 77

\* K.sdi

\* Hardware detected errors:- 14, 16, 17, 20-27, 30,  
32-34, 36, 37, 40-42, 44, 46, 47, 50-55, 75, 76

\* Microcode detected errors:- 15, 26, 31, 35, 43,  
45, 77

Regards,

\*\*\*\*\*

D I G I T A L

INTEROFFICE MEMORANDUM

\*\*\*\*\*

TO: RAY FAULKNER  
KEN TAYLOR  
SUPPORT ENGINEERS  
INSTALLATIONS  
VAX ENGINEERS

FROM: MARTIN TOMLINSON

CC:

DATE: 28 FEB 85

SUBJECT: CI780 MICROCODE

-----

VERSION 4 CI MICROCODE IS NOW WITH US.

Version 4 MUST be installed on clusters with 8600 CPU's - on all hosts.

Since we are in the process of upgrading to version 3 through ECO's we should take this opportunity to upgrade to version 4.

What you need:-

Order Rev 3 ECO as before.

Order-

EQ-01310-01	If CI780 L0101 is Rev F1 (Ram Rev 2)
L0101 Rev H1	If CI750/780 L0101 is <FI (Ram Rev 1)
EQ-01310-02	11780 Console Floppy
EQ-01310-03	11785 Console Floppy
EQ-01309-01	If CI750 L0101 is Rev F1 (Ram Rev 2)
EQ-01309-02	11750 Console Cassette

Version 4 Microcode can be installed on a CI with Rev 3 Rams on the L0101 (Rev 4 Rams not available). The new Microcode can be found in [SYSMAINT.GOODSTUFF] CI780 V4.BIN on the inhouse 11750. This will need to be copied to the new console cassette or floppy. To copy to a cassette the version 4 VMS system must be used, using the exchange utility to write the file in the correct place on the tape.

\*\*\*\*\*

D I G I T A L

INTEROFFICE MEMORANDUM

\*\*\*\*\*

On copying CI780V4.BIN rename it to CI780.BIN.

Having different ROM/RAM Microcodes causes a diagnostic problem. The following patches are necessary:-

EVGAA 2.3	DS> DEP 21FD	0000E811
EVGAB 2.3	DS> DEP 1FC1	0000E811
EVGAA 1.4	DS> DEP 66FA	0000E811
EVGAB 1.3	DS> DEP 64FA	0000E811

Previous contents 209F6CFA

CI780.BIN must also be copied to where ever the diagnostic supervisor resides to enable Event flag 1 to load the microcode

Regards

*Martin*