

DIGITAL	FCO	CATEGORY [I]	PAGE 1 OF 5
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FIELD CHANGE ORDER	NUMBER: 63XMX-I004
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APPLICABILITY: Upgrade any 6000-3XX system CPU modules (T2011-YA) to a minimum revision "AF" ONLY WHEN ADDING the DWMVA add-on option to an existing system. Also, ensure a spare module rev "AF" is available to support this at the SDU. This FCO incorporates ECO #T2011YA-TW05.

PROBLEM & SYMPTOM: Installation of the DWMVA option requires 6000-3XX CPU modules to be upgraded to a new minimum part revision of "AF".

SOLUTION: Upgrade applicable 6000-3XX CPU modules upon installation of the DWMVA add-on option. Use minimum part revision "AF".

QUICK CHECK: Component at location E16 should be marked 23-305E9-00.
Component at E8 should be 23-304E9-00.

PRE/CO-REQUISITE FCO:	MTTI HRS .5/MODULE
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TOOL/TEST EQUIPMENT:

FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS	EQ KIT VARIATION APPLICABILITY
EQ-01630-02	(1) T2011-YA Min Rev "AF"	
FA-04965-02	(1) FA-04965-02 FCO Document	

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

APPROVALS

CSSE Jim Vermette	CS LOGISTICS	CS PRODUCT SAFETY Robert Brister
CSSE MANAGER Ric Grogan	This Document is published on multiple media including Hardcopy, Customer Services Microfiche Libraries,	FCO RELEASE DATE
MICROMEDIA Diane MacDonald	Customer Services CD-ROM and MDS Microfiche Libraries.	FCO REVISION A

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d	i	g	i	t	a	l		
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*                                     NOTE                                     *
* The DWMVA option requires VAX/VMS Version 5.4-3. PLEASE DO NOT          *
* INSTALL the DWMVA option until the system has been upgraded with this    *
* version of VAX/VMS.                                                       *
*****

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INSTALLATION AND TEST PROCEDURE FOR 63XMX-I004

1. Shut down the VAX/VMS operating system:

Example of shutdown:

\$ @sys\$system:shutdown

SHUTDOWN -- Perform an Orderly System Shutdown on node PEEVEE

How many minutes until final shutdown [0]:<CR>

Reason for shutdown [Standalone]:<CR>

Do you want to spin down the disk volumes [NO]?<CR>

Do you want to invoke the site-specific shutdown procedure [YES]?<CR>

Should an automatic system reboot be performed [NO]?<CR>

When will the system be rebooted [later]:<CR>

Shutdown options (enter as a comma-separated list):

- REMOVE_NODE Remaining nodes in the cluster should adjust quorum
- CLUSTER_SHUTDOWN Entire cluster is shutting down
- REBOOT_CHECK Check existence of basic system files
- SAVE_FEEDBACK Save AUTOGEN feedback information from this boot

Shutdown options [NONE]:<CR>

VMS will issue several messages indicating it is shutting down.
Finally, VMS will issue:

SYSTEM SHUTDOWN COMPLETE - USE CONSOLE TO HALT SYSTEM

2. At this point perform a Control^P to halt the primary processor.
The console will print the following, but the numeric values may not match the example:


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*
* All VAX modules contain electrostatic discharge
* sensitive devices (ESDS). The use of an antistatic
* wrist strap attached to the cabinet is essential when
* handling modules.
*
*****

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|_|_|_|_|_|_|_|_|_|
|d|i|g|i|t|a|l|
|_|_|_|_|_|_|_|_|_|

```

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10. Unscrew the XMI cardcage cover assembly and remove the cover.
11. Remove the T2011-YA module targeted for upgrade from the cardcage using all ESD procedures. Check the revision of the module taken from the machine. If the module is an "AF" re-install it in the same slot and proceed to next step. If the module revision is below revision "AF" install module from EQ-01630-02 and repeat this step for all T2011-YA modules installed within the XMI backplane.
12. Re-install the XMI cardcage cover assembly and tighten retaining screw.
13. Install the new DWMVA option in accordance with the Installation Guide which comes with the option.
14. Record the original position of the lower key switch. Turn lower key switch on the system console panel to the UPDATE Position.
15. Plug in the system. Apply power to the system by pushing the Circuit Breaker in to the "ON" position. Power up the system by turning the upper key switch on the system control panel clockwise to the "ENABLE" position.
16. Enter the <CTRL/3>SET SYSTEM SERIAL command, using the serial number you recorded in Step 6. Here is a sample output from the command:

```

*****
*
* NOTE 1
*
* On VT100 series terminals replace <CTRL/3> with <ESC>
* in the steps below.
*
*****

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>>> $^?SET SYSTEM SERIAL
System Serial Number>>> AG83701988
Serial number read as: AG83701988

```

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Update EEPROM? (Y or N) >>> Y
?73 System serial number updated.

```

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*****

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(b) IN-DEC Contract	K		
Hardware Segment Code	031	111	
Non Contract/Non Warranty	F	F	F
(c) RTD/Off-site Agreement	F		
Product Line	031	031	
DEC Option	63XMX	63XMX	63XMX
Type of Call	M	M	M
Action Taken	D	D	I
Fail Area-Module-FCO-Comments	63XMX-I004	63XMX-I004	63XMX-I004
Material Used	EQ-01630-02	EQ-01630-02	EQ-01630-02

(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".

\\FCO_DOCS
 \\63XMX
 \\6000-3XX
 \^ 63XMX
 \\EQ-01630-02
 \\1992