S E R V I C E   N O T E

SUPERSEDES: NONE

HP E1485A/B VXI Digital Signal Processor Module

Serial Numbers: E1485A 0000A00000 / 3324A00602
E1485B 0000A00000 / 3324A00122

New Main Board prevents SICL errors after performing iclear vxi with V743.

Parts Required:

HP P/N	Description	Qty
E1485-6950	Exchange Main Board for E1485A	1
or		
E1485-69502	Exchange Main Board for E1485B	1

Situation:

A problem has been found when the iclear vxi command is sent from a V743 embedded controller in a main frame that has an E1485A/B installed. Several symptoms for this problem have been found. The most common error occurs with all versions of SICL for HP-UX 9.x. A module at logical address 1 is detected where no module is physically present. The SICL utility, /usr/pil/bin/ivxisc, will report this condition and often says that the phantom module is an E1399 and lists it as a failed module. A complete error log can be found in /usr/pil/etc/vxi16/rsrsmgr.err. With version C.03.08 of SICL the error iproc exit code 138 is reported. With version C.03.09 of SICL ivxisc fails because it cannot find /usr/pil/etc/vxi16/rsrcmgr.out. Modifications have been made to boards with datecode 3609 and greater to prevent these problems from occurring in the future.

DATE: June 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:				
MODIFICATION RECOMMENDED				

ACTION CATEGORY:	☐ IMMEDIATELY ■ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours		
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ■ HP LOCATION	SERVICE INVENTORY:	■ RETURN ☐ SCRAP ☐ SEE TEXT	USED PARTS: ■ RETURN ☐ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCTS SUPPORT LIFE	HP RESPONSIBLE UNTIL: June 1998		
AUTHOR: DWH	ENTITY: A100	ADDITIONAL INFORMATION: PCO #A1-9602025		

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Solution/Action:

Perform the following steps:

Section A: Unit disassembly

1. Refer to the disassembly section of the HP E1485A/B Installation and Service Guide for disassembly instructions.

2. Remove the top cover.

3. Remove any option boards installed in positions two and four.

4. Replace the main board with one that has a datecode of 3342 or greater.

Section B: Unit reassembly

1. Refer to the disassembly section of the HP E1485A/B Installation and Service Guide for assembly instructions. Assemble the module in the reverse order of disassembly.

Section B: Verification

1. Connect a terminal to the RS232 port of the E1485A/B with the same baud rate set on both the terminal and the E1485A/B. (refer to the HP E1485A/B Installation and Service Guide for setting the baud rate of the E1485A/B)

2. Set the switch marked EET to the closed position.

3. Turn the power on and check the diagnostic results on the terminal.