

Level of Urgency

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FCO

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FIELD CHANGE ORDER

Number: 871BA-F005

Applicability: This FCO should be installed on all VAX 8700/8810 and 897X systems. It will change the revision of the VAX 8700/8810 and 897X systems to "E1". The revision of PC37N will change to "N03"

| This revised FCO supersedes Rev. B released 19 March 1990.

| It has been revised to correct the microcode required.

Problem/Symptom: This FCO corrects the reliability of the system in recovering from "brownouts". It also provides multiple corrections to the PRO Console Code; see Console Release Notes for further details.

Quick Check: When the system is booted, it will automatically print the console microcode revision on the screen. It should be V9.3.

Compatibility/Prerequisite FCO:

N/A

Est. Time to Install:

2.5 hours

Special Tools or Test Equipment:

N/A

FCO Parts Information

Order by Quantity: Part Number: Description:

FCO Kit#:

EQ- N/A

FA-04858-02

1

FCO Document

EQ Kit Variation System/Option Applic: N/A

Approvals

CSSE Engineer Mike Person	F.S. Product Safety Robert Brister	F.S. Logistics Jon Seamans
CSSE Manager Ric Grogan	F.S. Microfiche Libraries EP-CSVDC-LB VAXDOC	Affected Population: 1,788
MicroMedia Pub. Diane MacDonald	STARS VAX Notes	Initial Kitting: 1,788
Revision: C		Hardcopy Publication: 1,850

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Due to problems that were uncovered with the Nautilus Console Application V9.0 in Diagnostic Release 36 this FCO has been updated to use Nautilus Console Application V9.3. Version 9.3 corrects all the problems listed under V9.0 as well as those uncovered by V9.1.

The complete Nautilus Console Application V9.3 is available in Diagnostic Release 39 available in April 1990.

- CONSOLEDC11 - BL-FH39S-ME - COMMAND LANGUAGE 1/2 CONSOLE
- CONSOLEDC12 - BL-FH40D-ME - COMMAND LANGUAGE 2/2 CONSOLE
- NCON1 - BL-FH41N-ME - RX100 CONSOLE TASKS
- NCON2 - BL-FH42L-ME - RX101 ISP MICROCODE
- NCON3 - BL-FH67S-ME - RX99 REVISION HISTORY
- NCON4 - BL-FH43M-ME - RX102 BOOT COMMAND FILES
- NCON5 - BL-FI48P-ME - RX98 CONSOLE HELP FILES
- NCON6 - BL-FL16B-ME - CI VMB SYSTEM CODE

STANDALONE CONSOLE FLOPPIES

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- SANOTES - AA-FK20C-TE - STANDALONE CONSOLE NOTES
 - STANDALONE1 - BL-FK17C-ME - STANDALONE1
 - STANDALONE2 - BL-FK86B-ME - STANDALONE2

* NOTE *
* If your console is already at V9.3 from Diagnostic *
* Release 38, you should at least update NCON2 on your *
* console. NCON2 has a new microcode. The console will *
* still be at V9.3. *

If you are installing a new Console Operating System, you need to install PRO/Communications and then install the CONSOLE/PRODCL application. If you need to install the CONSOLE/PRODCL application only, first remove the existing application by following the instructions below. Next install the CONSOLE/PRODCL application, following the steps described below.

This installation procedure assumes that the Console already has P/OS V3.1 or V3.2 and PRO Communications V3.0 installed.

- g. At this menu select "Delete application from public library". The Delete Application From Public Library menu will appear.
- h. At this menu select "Application specific components". The Delete Application Specific Component Menu will [Bappear.
- i. From th [Bis menu select CONSOLE/PRODCL. An "operation in progress ..." message will appear at the bottom left of your screen. A **NOTICE** message may appear regarding system wide components. Press the <RESUME> key to continue.

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- j. The System Environment Services Menu appears. Select "Delete application from public library".
 - k. At the Delete Application From Public Library menu, this time select "System wide components".
 - l. The Delete System Wide Component Menu will appear. From this menu select "CONSOLE/PRODCL". Again an "operation in progress ..." message will appear.
 - m. The System Environment Services Menu will reappear when the deletion operation from the system library has completed. Proceed to step 3 C below.
3. With P/OS and PRO/Communications installed, install the CONSOLE/PRODCL application. The installation procedure is not drive specific, therefore, you may insert the application diskettes into either diskette drive.
- a. From the main menu select Environment Services.
 - b. The User Environment Services menu appears. Press the <NEXT SCREEN> key to obtain the System Environment Services menu.
 - c. Insert the application diskette, volume label: CONSOLEDC11 into either diskette drive slot.
 - d. From the System Environment Services menu select "Copy Application into Public Library".

- e. The Copy Application into Public Library Menu appears. Select "Entire Application".
- f. The Application Selection menu appears. Select "CONSOLE/PRODCL". Copying of the application into the public library will begin.
- g. When the CONSOLEDC11 diskette is copied you are asked to insert the diskette labeled CONSOLEDC12. You should then remove the diskette labeled CONSOLEDC11, insert the diskette labeled CONSOLEDC12 into the diskette drive and press the <RESUME> key to continue.
- h. You are then asked to insert diskette NCON1. Remove the diskette labeled CONSOLEDC12. Insert the diskette labeled NCON1. Press the <RESUME> key to continue.

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- i. You are then asked to insert diskette NCON2. Remove the diskette labeled NCON1. Insert the diskette labeled NCON2. Press the <RESUME> key to continue.
 - j. You are then asked to insert diskette NCON3. Remove the diskette labeled NCON2. Insert the diskette labeled NCON3. Press the <RESUME> key to continue.
 - k. You are then asked to insert diskette NCON4. Remove the diskette labeled NCON3. Insert the diskette labeled NCON4. Press the <RESUME> key to continue.
 - l. You are then asked to insert diskette NCON5. Remove the diskette labeled NCON4. Insert the diskette labeled NCON5. Press the <RESUME> key to continue.
 - m. You are then asked to insert diskette NDIAG4. Remove the diskette labeled NCON5. Insert the diskette labeled NDIAG4. Press the <RESUME> key to continue.

- n. The System Environment Services menu will appear when the CONSOLE/PRODCL application has been copied to the Public Library. Remove all the diskettes and save them as backups. The next step is to install the CONSOLE/PRODCL application to the system account from the library.
4. We will now install the CONSOLE/PRODCL application just copied to the public library. In addition, we'll instruct the PRO that this is the application to be run each time the PRO is powered-on.
- a. Press the <PREV SCREEN> key. The User Environment Services menu will appear.
 - b. At this menu select "Install Application". The Application Source Menu will appear.
 - c. From this menu select "Library". The Application Library Menu will appear.
 - d. From the Application Library menu select "CONSOLE/PRODCL".

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- e. The Application Group Menu appears. From this menu select "Main Menu Applications".
 - f. The Application Group or Name Change Form menu will appear. Press the <DO> key . Copying of files will begin from the library to the system account.
 - g. The User Environment Services Menu will appear when copying is complete.
5. Now set the CONSOLE/PRODCL to be the first application.
- a. At the User Environment Services Menu select "First application". The Application Group Menu will appear.
 - b. From this menu select "Main Menu Applications". The Application Select Menu will appear.
 - c. From the Application Select Menu select "CONSOLE/PRODCL".

- d. The User Environment Services Menu will appear. Exit to Main Menu by pressing the <EXIT> key. Power the PRO OFF then ON to run the CONSOLE/PRODCL application. Before powering up, be sure *ALL* diskettes have been removed from the diskette drives.

The CONSOLE/PRODCL procedure is not complete until step 5d has been completed by switching the Console system unit to OFF (0) and then back ON (1).

NOTE: At this point you may see a new LOGFILE being created. Please wait until this operation has completed and the Console prompt, " >>>" , is displayed.

**Remember to edit the new bootstrap command files.

6. Update the Site Management Guide to reflect this FCO.
7. Report this FCO activity on the LARS form in the "Fail Area/Module/FCO/Comments" column as follows:: FCO 871BA-F005.

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LARS

	USA	GIA	EUROPE
Activity -			
(a)Contract and Warranty	W	U	Y
(b)IN-DEC Contract	K		
Hardware Segment Code	111		
Non Contract/Non Warranty	F	F	F
(c)RTD/Off-site Agreement	F		
Product Line	01		
DEC Option	VAX 8700/8810 and 897X	VAX 8700/8810 and 897X	VAX 8700/8810 897X
Type of Call	M	M	M
Action Taken	D	D	I
Fail Area-Module-FCO-Comments	871BA-F005	871BA-F005	871BA-F005
Material Used	N/A	N/A	N/A

- (a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site) Agreements.
- (b) Applies to INDEC AREA ONLY
- (c) RTD=Return to Digital or Off-site Agreements; If Field Engineer On-site, use Activity Code "F".

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