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Document Title : OQAR/PQAR Recycling Mode Setting.
Equipment Affected : OQAR & PQAR
Part Numbers : D52000 (All Models)
Classification : Information

Note: Although most of the text in this document refers primarily to OQAR, it can also be applied to PQAR, by substituting "PQAR" in place of "OQAR" and "PCMCIA card" in place of "MO Disk", where referenced.

Introduction.

The MD_RECYC setting option is accessed from the 05 SYS_CFG menu, the recycling operation of the OQAR can be ENABLED or DISABLED with this option. When the option is set to DISABLED the OQAR will stop recording data onto the Optical Disk when it is full of data. With the option set to ENABLED the OQAR will delete the oldest data files in order to make space for new files to be recorded.

The MD_RECYC option is on the 05 SYS_CFG menu, which is password protected. To gain access to the 05 SYS_CFG menu the operator will have to enter the access code on the 04 ACCESS menu, this will then allow the operator access to all of the available menus and options.

This procedure also instructs the operator to change the ST_LCTL option also on the 05 SYS_CFG menu from INDICATE to OFF. This will disable the LOW CAPACITY light on the front panel of the OQAR (see attached figure 1) and the Low Capacity output signal from the OQAR ARINC Interface connector.

CAUTION: Incorrect setting of OQAR functions in menus 05 SYS_CFG and 06 A573_CFG may stop the OQAR working. Please proceed with caution and select and change only the menu options detailed below.

To confirm a selection press the ENTER key, but to abandon the selection press the EXIT key.

Notes:

1. Repeatedly pressing the EXIT key will back up the menu system until the default TIME and DATE is displayed. Press the EXIT key again to then display the 01 OPERATOR menu.
2. See figure 1 for the OQAR Front Panel.
3. See figure 2 for the layout of the Interface Control/Display (ICD) and the position of the push buttons and indicators.

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Procedure.

In order to change the OQAR MD_RECYC variable option to ENABLED and the ST_LCTL variable option to OFF follow this procedure;

1. Enter the ACCESS CODE (see PS1284)
2. Press the EXIT key to display the 04 ACCESS menu, then press the PLUS key to display the 05 SYS_CFG menu. If you are not able to display the 05 SYS_CFG menu then restart the procedure and enter the correct access code sequence.
3. Press the ENTER key to access the 05 SYS_CFG menu, the display will change to show the first menu option with "RUNC_ENA" in the upper display and either "ENABLED" or 'DISABLED' in the lower display.
4. Press the PLUS and MINUS keys until "MD_RECYC" is in the upper display.
5. If "DISABLED" is shown in the lower display then press the ENTER key and the lower display will be flashing. If "ENABLED" is shown in the lower display then go to step 12.
6. Press the PLUS key to change the lower display to "ENABLED" - still flashing, then press the ENTER key to select the option. The lower display will show "ENABLED" not flashing.
7. Press the PLUS and MINUS keys until "ST_LCTL" is in the upper display.
8. If "INDICATE" or "ON" is shown in the lower display then press the ENTER key and the lower display will be flashing. If "OFF" is shown in the lower display then go to step 15.
9. Press the PLUS key to change the lower display to "OFF" - still flashing (you may have to press this key more than once to display this option), then press the ENTER key to select the option. The lower display will show "OFF" not flashing.
10. Press the EXIT key to display the 05 SYS_CFG menu, then press the PLUS key until the 09 RE-BOOT menu is displayed.
11. Press the ENTER key to display the first option, then press the PLUS key to display the "RESET" function. Press the ENTER key and the OQAR will reset itself.

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Figures.

Figure 1 - OQAR Front Panel



Figure 2 - OQAR ICD



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