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Document Number   :   PS1175
Revision / Date   :   6 / August 12, 2011
Document Title   :   OQAR/PQAR Tail Numbering Notes.
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:

FIL_NFM2 is a 3 character user configurable field, which prefixes each data directory name and data file name recorded on the optical disk. The default for FIL_NFM2 is '---' (three minus characters).

The FIL_NFM2 variable can be assigned to the OQAR from the OQAR Front Panel using the ICD. It can also be assigned to the OQAR from the 'CONFIG.ICF' file, if the file is found by the OQAR in the root directory of the inserted Optical Disk. The three characters chosen can be any combination of letters and numbers from the full alphabet A-Z, '-' as well as the numbers 0-9.

Once the FIL_NFM2 field is configured in the OQAR then each disk removed from this OQAR will have the FIL_NFM2 characters added at the beginning of the three data directory names and each of the data file names. The default OQAR disk directory contents (based on three recording events) are as follows:

```
<ROOT>
├── "--PGOQAR.CS" (or "--PGOQAR.FDC" after GRAF)
├── "--PGOQAR.ELF"
├── "FLASH.ELF"
├── "PGOQAR.INT"
│       ├── "---AQDAT"
│       ├── "---00000.AQD"
│       ├── "---00001.AQD"
│       └── "---00002.AQD"
│       ├── "---FLDAT"
│       ├── "---00000.FLD"
│       ├── "---00001.FLD"
│       └── "---00002.FLD"
└───    "---RPDAT"
            ├──── "---00000.RPD"
            │    └── "MSG00000.RPT"
            ├──── "---00001.RPD"
            │    └── "MSG00001.RPT"
            └──── "---00002.RPD"
                 └── "MSG00002.RPT"
```

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

To confirm a selection press the ENTER key. To abandon the selection press the EXIT key.

NOTE: Repeatedly pressing the EXIT key will back up the menu system until the default display of TIME and DATE is displayed. Press the EXIT key again to then display the 01 OPERATOR menu.

Procedure.

1. The OQAR will record new data into the directory structure defined with the current value of FIL_NFM2. If the value of FIL_NFM2 is changed after disk insertion, then the appropriate new directory names will be created.

2. The OQAR will delete previously recorded data if it cannot find the "--POQAR.CS" file in the root directory of the optical disk. If the directory structure recorded on the disk does not match the current value of FIL_NFM2 then any data in the 'old' directory structure will still be deleted.

3. To change the value of FIL_NFM2 stored in the OQAR using the ICD, use this procedure:

    3.1 Eject any optical disk inside the OQAR with the EJECT button.

    3.2 Repeatedly press the EXIT button until the 01 OPERATOR menu is displayed. Repeatedly press the + button to display the 04 ACCESS menu, then press the ENTER button. The lower display will show "****", with the first "*" flashing. Using the + and - buttons select the first character of the access code number (ACC_CODE, default is "1234"), pressing the ENTER button when each digit has been entered.

    3.3 Press the + button to display the 05 SYS_CFG menu, then press the ENTER key.

    3.3 Repeatedly press the + button until the FIL_NFM2 option is displayed, then press the ENTER button. The current FIL_NFM2 value will be shown in the lower display, with the first character flashing.

    3.4 Using the + and - buttons select the first character of the FIL_NFM2 value (FIL_NFM2, default is "---"), pressing the ENTER button when each digit has been entered.

    3.6 Repeatedly press the EXIT button until the TIME and DATE are displayed.

    3.7 Insert a blank optical disk into the OQAR to start a new recording.

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4. An example of FIL_FNM2 set to "XYZ" is detailed below:

```
<ROOT>
├── "--PGOQAR.CS" (or "--PGOQAR.FDC" after GRAF)
├── "--PGOQAR.ELF"
├── "FLASH.ELF"
├── "PGOQAR.INT"
├───── "XYZAQDAT"
│     ├── "XYZ00000.AQD"
│     ├── "XYZ00001.AQD"
│     └── "XYZ00002.AQD"
├───── "XYZFLDAT"
│     ├── "XYZ00000.FLD"
│     ├── "XYZ00001.FLD"
│     └── "XYZ00002.FLD"
└───── "XYZRPDAT"
      ├───── "XYZ00000.RPD"
      │     └── "MSG00000.RPT"
      ├───── "XYZ00001.RPD"
      │     └── "MSG00001.RPT"
      ├───── "XYZ00002.RPD"
            └── "MSG00002.RPT"
```

Reference:

05 SYS_CFG|FIL_NFM2 (CMM 31-34-00 Table 9; CMM 31-34-01 & CMM 31-34-24 Table 8)

05 SYS_CFG|ACC_CODE (CMM 31-34-00 Table 9; CMM 31-34-01 & CMM 31-34-24 Table 8)

Interactive Control Display (ICD)

Media Control Mode (MCM)

Root Directory Contents (CMM 31-34-00 Table 18; CMM 31-34-01 Table 15)

Additional References: PS1245 - Restoring the OQAR Default Configuration.

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