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      GOME Daily Reports Analysis        07 Jul      2000
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    **************************************************************************
    Summary of Anomalies


      1 - GOME is switched on since 15:54:08, 05/07/2000
            -no usual timelines operated yet since switch-on day 05/07/2000
            -> Scan Mirror not active (position 261.8 Deg, Motor is off)
            -> detector coolers are off
            -> integration times all permanently at 0.093 sec
            -> no co-adding flags set
            -> temperatures of thermal environment since switch-on increasing towards
               nominal temperature
            -> no sun/lamp calibration performed


      2  See ER-UNA-2000/027, GOME unavailable, error in recovery from
         ER2-UNA-2000/027 (day 07/07/2000 09:27:00 - day 08/07/2000 12:16:00):
       -  since dump Orb. 27260
            -Patch/Default flag set during
             dump Orb. 27260-261, 09:27:00 - 12:48:53
             dump Orb. 27263-268, 14:19:29 - 00:00

            -Patch/Dump set since dump Orbit 27260, ~09:30
             each orbit for ~45 minutes (not set during dump Orb. 27626)

            -Memorize Bias flag set since dump Orb. 27260,
             each Orbit during ~45 minutes alternating with ~60 minutes flag not set
             besides dump Orb. 2761-62, where flag is set continuosly

            -Off flag set during whole day, continuosly until dump Orb. 27260,
             since then each orbit during ~45 minutes


      3 DATA GAPS
         - many small gaps at KS, dump Orb. 27260 + corrupted products
           10:00:56 - 11:24:02
         - many small gaps at KS, dump Orb. 27261 + corrupted products
           12:25:34 - 12:59:18


      4   Memory Dump (change to the day before):
          no dump info in EGOC_000707KSEP1616.E2;1 found
    **************************************************************************


    Station ID                  >>many small gaps at KS, dump Orb. 27260
                                   10:00:56 - 11:24:02
                                     many small gaps at KS, dump Orb. 27261
                                   12:25:34 - 12:59:18
    MPH Product Confidence       OK
    SPH Window Information       OK
    Command Word Echo Summary    >>-Patch/Default flag set during
                                   dump Orb. 27260-261, 09:27:00 - 12:48:53
                                   dump Orb. 27263-268, 14:19:29 - 00:00
                                   -Patch/Dump set  since dump Orbit 27260
                                   each orbit for ~45 minutes (not set
                                   during dump Orb. 27626)
                                   -Memorize Bias flag set since dump
                                   Orb. 27260, each Orbit during ~45 minutes
                                   alternating with ~60 minutes flag not set
                                   besides dump Orb. 2761-62 flag set
                                   continuosly
                                   - Off flag set during whole day,
                                     continuosly until dump Orb. 27260,
                                     since then each orbit during ~45 minutes
    Instrument Status 1A         >>Last DEU Comm OK not set since
                                   d.Orb. 27260, ~09:30
                                   SuOff/Comm Error flag set during whole day
    Instrument Status 1B         >>no sun/lamp calibration performed
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Instrument Status 2               >>coolers off whole day
Integration Times Channel 1        integration times set to 0.093 sec permanently

Co-Adding and Cluster Mode Flags   >>corrupted product at KS, dump Orb. 27261
                                     11:19:52
Integration Times Band 2A          >>integration times set to 0.093 sec permanent
Integration Times Band 2B          >>integration times set to 0.093 sec permane
Integration Times Band 3           >>integration times set to 0.093 sec permane
Integration Times Band 4           >>integration times set to 0.093 sec permane
Scan Mirror Position               >>angle 261.8 deg
Polarisation Detectors             OK
FPA Temperatures A                 >>temperatures vary betw. ~260 K to ~252 K
FPA Temperatures B                 >>temperatures vary betw. ~260 K to ~252 K
Charge Amp Temperatures            OK
Other Temperatures A               OK
DDHU Temperatures                  OK
Optical Bench Temperatures         OK
Other Temperatures B               OK
Calibr. Lamp and Instr. Status 3   >>no scanning
Scan Mirror Motor Current          >>motor off
Selected Temperature A             OK
Selected Temperature B             OK
Selected Temperature C             OK
Channel 1 Summation                >>anomalous low values
Channel 2 Summation                >>anomalous low values
Channel 3 Summation                >>anomalous low values
Channel 4 Summation                >>anomalous low values
Log pages                          OK
331/318 nm Uncal. Line Ratio       OK
Uncal. PMDs as RGB signal          OK
780 nm Uncal. Intensity            OK


-------------------------------------------------------------------------------
    GOME Memory Dump Check              07 Jul              2000
-------------------------------------------------------------------------------
no dump info in EGOC_000707KSEP1616.E2;1 found
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