```
  --------------------------------------------------------------------
    GOME Daily Reports Analysis        04 Jul        2001
  --------------------------------------------------------------------
      ******************************************************************
          NARROW SWATH TIMELINE GMNNOT41 executed
          begin of execution Orbit 32444 time: ~15:00
          active until end of day, Orbit 32449
      ******************************************************************
  ********************************************************************************
  Summary of Anomalies:
  1 - gap at KS due to the execution of timeline GMN11
      (switch-off/switch-on in time-tag) as planned
      dump Orb. 32443,  12:43:50 - 12:45:27
      coolers off:      12:43:50 - 12:45:40

   2 - GS  dump Orb. 32438 EGOI  small gap
       04:56:40 - 04:56:58

   3 - KS  dump Orb. 32449 EGOI  small gaps
       22:14:02 - 22:14:03
       22:14:21 - 22:15:08
       22:15:12 - 22:15:14
       23:10:19 - 23:10:20
       23:14:10 - 23:14:13

   4 - Memory Dump (change to the day before):
       (reset to default values after GOME switch-off (GMN11 day 04/07))
       5 differences found in E2PROMCOPY, see below
  ********************************************************************************

  Station ID                   >>gap at KS due to the execution of
                                 timeline GMN11 (switch-off/switch-on
                                 in time-tag) as planned
                                 dump Orb. 32443,  12:43:50 - 12:45:27

                                 GS  dump Orb. 32438 EGOI  small gap
                                 04:56:40 - 04:56:58

                                 KS  dump Orb. 32449 EGOI  small gaps
                                 22:14:02 - 22:14:03
                                 22:14:21 - 22:15:08
                                 22:15:12 - 22:15:14
                                 23:10:19 - 23:10:20
                                 23:14:10 - 23:14:13
  MPH Product Confidence        OK
  SPH Window Information        OK
  Command Word Echo Summary      >>Off flag set   12:45:27 - 12:45:40
  Instrument Status 1A           >>Off CommError flag set 12:45:27 - 12:45:48
  Instrument Status 1B          OK
  Instrument Status 2            >> coolers off: 12:43:50 - 12:45:40
  Integration Times Channel 1   OK
  Co-Adding and Cluster Mode Flags  OK
  Integration Times Band 2A     OK
  Integration Times Band 2B     OK
  Integration Times Band 3      OK
  Integration Times Band 4      OK
  Scan Mirror Position           >>-Timeline GMNNOT41 executed Orb.32444
                                   ~15:00 until  Orbit 32449

  Polarisation Detectors        OK
  FPA Temperatures A            OK
  FPA Temperatures B            OK
  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   >>SOT33 performed in dump Orb. 32443
                                      start of sun calibration  13:18:14
```

```
                              intensity of sun calibration:
                              ~17800 BU ->PMD2 readouts analysed with ERGO;
                              (note: due to seasonal effects nominal values range between
                              ~16000 - ~19000 BU)
Scan Mirror Motor Current     >>pattern not repeated due to execution of
                                timeline GMNNOT41
Selected Temperature A        OK
Selected Temperature B        OK
Selected Temperature C        OK
Channel 1 Summation           OK
Channel 2 Summation           OK
Channel 3 Summation           OK
Channel 4 Summation           OK
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                      04 Jul          2001
--------------------------------------------------------------------------------
         8805 differences found in RAM1 area
            0 differences found in PROMCOPY area
            5 differences found in E2PROMCOPY area
Address   Actual   Template
 12FDE      0        FF
 12FDF      7        FF
 13003      0         1
 13007      0         1
 1300B      1        10
            0 differences found in E2PROM area
            0 differences found in RAM2 area
            0 differences found in PROM area
```