```
--------------------------------------------------------------------------------
   GOME Daily Reports Analysis           24 Jun           2001
--------------------------------------------------------------------------------
   ****************************************************************
          NARROW SWATH TIMELINE GMNNOT41 executed
          begin of execution Orbit 32300 time: ~13:30
          active until end of day, Orbit 32306
   ****************************************************************
********************************************************************************
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. 32299,  11:17:30 - 11:19:07
     coolers off:      11:17:30 - 11:19:20

2 - SOT33 performed in dump Orb. 32299
    start of sun calibration 11:52:00.04
    intensity of sun calibration:
    ~17000 BU ->PMD2 readouts analysed with ERGO;
    (nominal values are ~18000 -19000 BU)
    --->value slightly lower than nominally

3 - Memory Dump (change to the day before):
    (reset to default values after GOME switch-off (GMN11 day 24/06))
    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,
MPH Product Confidence            OK
SPH Window Information            OK
Command Word Echo Summary          >>Off flag set 11:19:07 - 11:19:20
Instrument Status 1A               >>Off CommError flag set 11:19:07 - 11:19:28
Instrument Status 1B              OK
Instrument Status 2                >> coolers off: 11:17:30 - 11:19:20
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.32300
                                     ~13:30 until  Orbit 32306
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. 32299
                                     start of sun calibration 11:52:00.04
                                     intensity of sun calibration:
                                   ~17000 BU ->PMD2 readouts analysed with ERGO;
                                   (nominal values are ~18000 -19000 BU)
                                     --->value slightly lower than nominally

Scan Mirror Motor Current         OK>>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                  24 Jun                    2001
--------------------------------------------------------------------------------
        8943 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
 17FFF     FD       FF
           0 differences found in E2PROM area
           0 differences found in RAM2 area
           0 differences found in PROM area
```