```
--------------------------------------------------------------------
  GOME Daily Reports Analysis        04 Aug          2001
--------------------------------------------------------------------
    ******************************************************************
         NARROW SWATH TIMELINE GMNNOT41 executed
         begin of execution dump Orbit 32887 time: ~ 12:00
         active until end of day, dump Orbit 32893
    ******************************************************************
********************************************************************
Summary of Anomalies:

1 - !!!LAMP FAILURE no 42 occurred, dump Orb. 32885 KS
      Calibration Lamp was on:   10:28:20 - 10:28:30
      Lamp Failure flag was set: 10:28:30 - 10:30:14
      lamp voltage reached only
      a value of ~160 V (nominal is ~197 V)


2 - gap at KS due to the execution of timeline GMN11
     (switch-off/switch-on in time-tag) as planned
     dump Orb. 32885, 09:50:03 - 09:51:40
     coolers off:      09:50:03 - 09:51:52

3 - MS dump Orb 32879 EGOI missing
     00:00:00 - 00:16:34

     MS dump Orb 32893 EGOI missing
     22:16:19 - 23:45:47

4  - Memory Dump (change to the day before):
      address 1300B in E2PROMCOPY changed back to template value

********************************************************************
Station ID                   gap at KS due to the execution of timeline GMN11
                                 (switch-off/switch-on in time-tag) as planned
                             dump Orb. 32885, 09:50:03 - 09:51:40

                                 MS dump Orb 32879 EGOI missing 00:00:00 - 00:16:34
                                 MS dump Orb 32893 EGOI missing 22:16:19 - 23:45:47


MPH Product Confidence       OK
SPH Window Information       OK
Command Word Echo Summary    >>Off flag set 09:51:40 - 09:51:52
Instrument Status 1A         >>Off Comm Error flag set 09:51:40 - 09:52:00
Instrument Status 1B         OK
Instrument Status 2          >>coolers off 09:50:03 - 09:51:52
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. 32887 time: ~ 12:00
                               until orbit 32893
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. 32885
                             start of sun calibration 10:24:18
                             intensity of sun calibration:
                             ~ 17000 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 Aug               2001
--------------------------------------------------------------------------------
        8937 differences found in RAM1 area
           0 differences found in PROMCOPY area
           4 differences found in E2PROMCOPY area
Address  Actual  Template
 12FDE      0       FF
 12FDF      7       FF
 13003      0        1
 13007      0        1
           0 differences found in E2PROM area
           0 differences found in RAM2 area
           0 differences found in PROM area
```