```
--------------------------------------------------------------------------------
   GOME Daily Reports Analysis                        2001
--------------------------------------------------------------------------------
      ****************************************************************
             NARROW SWATH TIMELINE GMNNOT41 executed
             begin of execution Orbit 30983 time: ~11:45
             active until day 84 Orbit 30998
      ****************************************************************
*******************************************************************************
Summary of Anomalies:


1 - SOT33 performed in dump Orb. 30982
    start of sun calibration 10:09:44
    intensity of sun calibration
    (~18600 BU ->PMD2 readouts analysed with ERGO;
     nominally would be ~19000 - ~20000 BU)


2 - gap at KS due to the execution of timeline GMN11
     (switch-off/switch-on in time-tag) as planned
     dump Orb. 30981,  09:35:40 - 09:37:17
     coolers off:      09:35:40 - 09:37:30

3 - Gap orbit GS 30978  03:25:20 - 05:08:08

    Gap orbit GS 30990 (downtime due to electrical work) 23:30 - (25-mar-2001) 01:00

    Very small gaps orbit GS 30976 & KS 30988
    (see below)



*******************************************************************************

Station ID                    >>gaps
      Gap orbit GS 30990 (downtime due to electrical work at GS) 23:30 - (25-mar-2001) 01:00

      gap at KS due to the execution of timeline GMN11

      Start (end of last prod.) Stop          Duration       GS DOrbit
.     24-MAR-2001 03:25:20.300  05:08:08.920  01:42:48.620   PS  30978

      (very small gaps)
      Start (end of last prod.) Stop          Duration       GS DOrbit
.     24-MAR-2001 00:00:26.560  00:00:28.060  00:00:01.500   GS  30976
.     24-MAR-2001 00:08:37.110  00:08:38.610  00:00:01.500   GS  30976
.     24-MAR-2001 00:12:34.130  00:12:35.630  00:00:01.500   GS  30976
.     24-MAR-2001 01:43:06.180  01:43:07.680  00:00:01.500   GS  30976
.     24-MAR-2001 01:44:00.190  01:44:01.690  00:00:01.500   GS  30976
.     24-MAR-2001 01:44:06.190  01:44:07.690  00:00:01.500   GS  30976
.     24-MAR-2001 20:17:42.190  20:17:43.690  00:00:01.500   KS  30988


MPH Product Confidence        OK
SPH Window Information         OK
Command Word Echo Summary      >> Off flag set 09:37:17 - 09:37:30
Instrument Status 1A           >> Off Comm Error flag set09:37:17.320  09:37:38
Instrument Status 1B           OK
Instrument Status 2            >>coolers off 09:35:40 - 09:37:30
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 30983
                                     ~11:45 until Orbit 30998

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 OK
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   24 Mar   2001

```
        8954 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
```