
NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 104 (2002/04/14)
 holding on until orbit 36518 time 07:32

Summary of Anomalies:

instrument info

EGOI

1 GOME unavailability due to an ATSR switch-down for IRR Reset
 (see ER2-UNA - 2002/018):

- data gap
 07:32:10 - 09:14:59 , dump Orb.36519-20
- TST44 started at ~10:30 dump Orb. 36521
 start of sun calibration 10:42:52.66 (T detector = 262 K)
 intensity of sun calibration nominal (~17465 BU PMD2)
- coolers off:
 07:32:10 - 10:48:45
 maximum warm up of detectors: 266 K

- occurrences of padded frames due to IRR/ATSR not yet back to nominal
 operations, 09:15 - ~13:00 (dump orb. 36520-22)

2 - Memory Dump (change to the day before):
 (reset to default values after GOME switch-off)
 5 differences found in E2PROMCOPY

 GOME Daily Reports Analysis 15 Apr 2002

Station ID	data gap due to switch-off 07:32:10 - 09:14:59 , dump Orb.36519-20
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	coolers off: 07:32:10 - 10:48:45
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 as planned, until Orb.36518, 07:32 -GOME polar viewline GMNPT36 operated
Polarisation Detectors	OK
FPA Temperatures A	>>maximum warm up of detector 265.7, 266.1K
FPA Temperatures B	>>maximum warm up of detector 265.9, 266.3K
Charge Amp Temperatures	>>temp. out of range due to switch-off
Other Temperatures A	>>temp. out of range due to switch-off
DDHU Temperatures	>>temp. out of range due to switch-off
Optical Bench Temperatures	>>temp. out of range due to switch-off
Other Temperatures B	>>temp. out of range due to switch-off
Calibr. Lamp and Instr. Status 3	>> Solar calibration performed in dump Orb. 36521 start of sun calibration 10:42:52.66 intensity of sun calibration: ~17465 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    >>temp. out of range due to switch-off
Selected Temperature B    >>temp. out of range due to switch-off
Selected Temperature C    >>temp. out of range due to switch-off
Channel 1 Summation       OK
Channel 2 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   >>occurrences of padded frames (visible as
                           many red spots) due to ATSR/IRR not yet
                           back to nominal operations
```

GOME Memory Dump Check

15 Apr

2002

```
8784 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
```