
NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 247 (2002/09/04)
 holding on until orbit 38569 time 12:00

GOME polar view timeline GMNSPT31 is alternating with the
 nominal operational timeline GMNNOT42 as planned
 start: dump Orb. 38573, ~18:00

Summary of Anomalies:

station info

MS dump orbit 38567 EGOI, many small gaps 23:14:29 (05/09/02) - 00:07:45 (06/09/02)

MS dump orbit 38567 EGOI, corrupted products 23:19:41, 23:40:09, 23:49:30, 23:49:38

instrument info

EGOI

1 - Memory Dump (change to the day before):

address F4E3 in PROMCOPY changed from template value 6 to actual 7

(this address changed twice before on days 15/05/2000, 17/10/2001)

address 1300B in E2PROMCOPY changed from template value 10 to actual 1

 GOME Daily Reports Analysis 05 Sep 2002

Station ID >> MS dump orbit 38567 EGOI,
 many small gaps 23:14:29 (05/09/02) - 00:07:45 (06/09/02)

MPH Product Confidence OK
 SPH Window Information OK
 Command Word Echo Summary OK
 Instrument Status 1A OK
 Instrument Status 1B OK
 Instrument Status 2 OK
 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.38569, 12:00
 - GOME polar view timeline GMNSPT31

Polarisation Detectors OK
 FPA Temperatures A >> corrupted products (see above)
 FPA Temperatures B >> corrupted products (see above)
 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 >> Solar calibration performed
 in dump Orb. 38569
 start of sun calibration 12:30:22.41
 intensity of sun calibration:
 ~17035 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 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 05 Sep 2002

8826 differences found in RAM1 area
1 differences found in PROMCOPY area

Address	Actual	Template
F4E3	7	6

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