
NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 185 (2002/07/04)
 holding on until orbit 37681 time 11:00

Summary of Anomalies:

station info

GS dump orbit 37675 EGOI data gaps 00:41:36 - 00:41:56
 00:42:24 - 00:42:32
 00:43:47 - 00:44:02
 01:10:24 - 01:10:27
 01:10:27 - 01:10:30
 01:10:35 - 01:10:42
 01:10:47 - 01:10:56
 01:11:02 - 01:11:12
 01:14:59 - 01:17:45
 01:17:47 - 01:17:57
 01:24:49 - 01:24:52
 01:24:52 - 01:24:56
 01:25:58 - 01:26:02
 01:26:35 - 01:26:47
 01:26:52 - 01:26:55
 01:26:55 - 01:26:58
 01:28:52 - 01:28:55
 01:29:01 - 01:29:05
 01:29:49 - 01:30:13
 01:35:49 - 01:35:52

GS dump orbit 37675 EGOI corrupted products 01:17:47

instrument info

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

 GOME Daily Reports Analysis 05 Jul 2002

| | |
|----------------------------------|---|
| Station ID | GS dump orbit 37675 EGOI data gaps |
| 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.37681, 11:00 |
| Polarisation Detectors | OK |
| FPA Temperatures A | OK |
| FPA Temperatures B | >>corrupted product ~01:17,dump orbit 37675 |
| Charge Amp Temperatures | OK |
| Other Temperatures A | >>corrupted product ~01:17,dump orbit 37675 |
| DDHU Temperatures | OK |
| Optical Bench Temperatures | OK |
| Other Temperatures B | OK |
| Calibr. Lamp and Instr. Status 3 | >> Solar calibration performed in dump Orb. 37681 start of sun calibration 11:33:52.68 intensity of sun calibration: |

~16660 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 Jul

2002

8931 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