
NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 287 (2001/10/14)
 holding on until orbit 33917 time ~12:30

Summary of Anomalies:

- 1 -!!! GOME anomalous behaviour since ~15:00, dump orbit 33919 for:
 - detector temperatures values are ~268 K instead nominal ~235 K (instrument status flag though, for cooler status is set to 235K)
 - scan mirror position set 1, set to 261.8 deg during dark measurements and parts of nominal scan measurements
 - scan mirror position temperature is about ~2 K higher than nominal (~285k instead of ~283K)
 - peltier output data for channels I-IV value -8419V contiguously (instead nominally ~-1.0 V)
 - increase in science data intensity channle I
- 2 - GS dump orbit 33910 EGOI small data gaps
 23:43:27 - 23:44:16 (14/10/2001)
 01:00:42 - 01:01:03 (15/10/2001)
- 3 - KS dump orbit 33914 EGOI small data gap
 06:21:56 - 06:24:16
- 4 - Memory Dump (change to the day before):
 (reset to default values after GOME switch-off (GMN11 day 14/10))
 5 differences found in E2PROMCOPY, see below

 GOME Daily Reports Analysis 15 Oct 2001

Station ID	-GS dump orbit 33910 EGOI small data gaps 23:43:27 - 23:44:16 (14/10/2001) 01:00:42 - 01:01:03 (15/10/2001) -KS dump orbit 33914 EGOI small data gap 06:21:56 - 06:24:16
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.33917, ~12:30 -GOME polar view timeline GMNSPT31 as planne - since ~15:00,dump orbit 33919 scan mirror position set 1, set to 261.8 deg during dark measurements and parts of nominal scan measurements
Polarisation Detectors	OK
FPA Temperatures A	>> since ~15:00, dump orbit 33919 - detector temperatures values are ~268 K instead nominal ~235 K
FPA Temperatures B	>> since ~15:00, dump orbit 33919 - detector temperatures values are ~268 K instead nominal ~235 K
Charge Amp Temperatures	OK
Other Temperatures A	since ~15:00, dump orbit 33919 scan mirror position temperature is about ~2 K higher than nominal

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(~285k instead of ~283K)
DDHU Temperatures      OK
Optical Bench Temperatures OK
Other Temperatures B   OK
Calibr. Lamp and Instr. Status 3 >> Solar calibration performed
                                in dump Orb. 33917
                                start of sun calibration 12:49:30.33
                                intensity of sun calibration:
                                ~18200 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     >>since ~15:00, dump orbit 33919
                                increase in science data intensity channle I
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

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GOME Memory Dump Check

15 Oct

2001

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8996 differences found in RAM1 area
0 differences found in PROMCOPY area
5 differences found in E2PROMCOPY area

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Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10

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0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area

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