

\*\*\*\*\*

NARROW SWATH TIMELINE GMNNOT41 executed  
begin of execution Orbit 38254 time: ~12:30  
active until end of day, Orbit 38260

\*\*\*\*\*

\*\*\*\*\*

Summary of Anomalies:

Station info

OK

Instrument info

EGOI 1 - gap at KS due to the execution of timeline GMN11

(switch-off/switch-on in time-tag) as planned

dump Orb. 38253, 10:04:35 - 10:06:10

coolers off: 10:04:35 - 10:06:23

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

address 1366A in E2PROMCOPY changed from actual AD to template A5

3 - anomalous long science dump at KS, dump orb. 38259, 20:14:14 - 20:28:36

\*\*\*\*\*

-----  
GOME Daily Reports Analysis

14 Aug

2002  
-----

Station ID >>gap at KS due to the execution of timeline GMN11  
(switch-off/switch-on in time-tag) as planned  
dump Orb. 37953, 11:03:13 - 11:04:50

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 10:04:35 - 10:06:23

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

Polarisation Detectors OK

FPA Temperatures A >>Max warm up of detectors: 244.8, 244.9

FPA Temperatures B >>Max warm up of detectors: 244.7, 244.9

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. 38253  
start of sun calibration 10:38:51  
intensity of sun calibration:  
~16922 BU ->PMD2 readouts analysed with ERGO;  
(note: due to seasonal effects nominal values  
range between ~16000 - ~19000 BU

>> anomalous long science dump at KS, dump orb. 38259,  
20:14:14 - 20:28:36

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

14 Aug

2002  
-----

GOME Daily Dump Check of processing day 020814

8941 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