
 NARROW SWATH TIMELINE GMNNOT41 executed
 begin of execution Orbit 50178 time: ~12:30
 active until end of day, Orbit 50184

Summary of Anomalies:

station info

MA orbit 50183 EGOI data missing 20:48:34 - 21:02:17
 MA orbit 50184 EGOI data missing 22:32:49 - 22:39:50
 MS orbit 50177 EGOI data gap 11:24:09 - 11:30:36
 MS orbit 50178 EGOI data gap 13:04:14 - 13:08:08

instrument info

EGOI

- 1 - GOME was switched off due to an on-board anomaly

(see ER2-UNA 2004/030)

unavailability period: 03:49:30 - 09:30

no data :

GS orbit 50173 04:04:57 - 04:17:09
 PS orbit 50174 05:47:23 - 06:00:22
 KS orbit 50174 06:06:28 - 06:12:13
 KS orbit 50175 07:45:19 - 07:53:37
 MA orbit 50175 07:55:59 - 08:01:45

TST44 started at ca. 09:30, orbit 50176

two lamp calibration sequences went into LAMP FAILURE

solar calibration measurements with warm detectors:

start at 09:29:00.81, (T= 268 K)

(increase of intensity of PMD readouts during solar calibration

measurements data:

16427 BU -> PMD2 readouts analysed with ERGO.)

Cooler switchings between 03:49 - 09:34:57

max warm up of detectors 270.1 K

back to MPS 11:01

- 2 - LAMP FAILURES no 138 - 139 occurred during TST44 sequence

orbit 50176:

138: (data of lamp ignition not available)

139: after 10-12 sec at 09:33:15 , reaching only a voltage of

178V (instead nominally 198V)

- 3 - complete solar calibration measurements available

start time 11:09:40.46 , orbit 50177 (3rd KS orbit),

(increase of intensity of PMD readouts during available

solar calibration measurements data:

16426 BU ->PMD2 readouts analysed with ERGO.

 GOME Daily Reports Analysis

24 Nov

2004

Station ID	see above
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
Polarisation Detectors	OK
FPA Temperatures A	max warm up 270K
FPA Temperatures B	max warm up 270K
Charge Amp Temperatures	temperatures out of range due to switch-off
Other Temperatures A	temperatures out of range due to switch-off
DDHU Temperatures	temperatures out of range due to switch-off
Optical Bench Temperatures	temperatures out of range due to switch-off
Other Temperatures B	OK
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	>>pattern not repeated due to execution of timeline GMNNOT41
Selected Temperature A	temperatures out of range due to switch-off
Selected Temperature B	temperatures out of range due to switch-off
Selected Temperature C	temperatures 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	OK