
NARROW SWATH TIMELINE GMNNOT41 executed
 begin of execution Orbit 43927 time: ~20:00
 active until end of day, Orbit 43929

Summary of Anomalies:

station info

PS orbit 43917 EGOI data missing 03:02:54 - 03:16:00
 PS orbit 43918 EGOI data missing 04:40:43 - 04:55:45
 KS orbit 43919 EGOI data missing 06:40:01 - 06:48:33
 KS orbit 43929 EGOI data missing 23:14:07 - 23:24:24

GS orbit 43916 EGOI corrupted data 01:32:40
 GS orbit 43918 EGOI corrupted data 04:50:49
 KS orbit 43925 EGOI corrupted data 16:47:18

instrument info

EGOI

1 - GOME has been switched off due to GOME anomaly
 (see unavailability fax, ESOC, ER-UNA-2003/041)

data gap: 13:51:17 - 16:40:50 Orb.43923-925
 TST started at 18:12:46 orb 43926
 solar calibration with warm detectors:
 start at 18:19:19.41, (T = 267K)
 (increase of intensity of PMD readouts during
 solar calibration measurements data:
 16280 BU ->PMD2 readouts analysed with ERGO.)

cooler switchings between 13:51:17 - 18:25:11
 max warm up of detectors ~268K

back to MPS 19:52:08

2 - calibration lamp measurements available (TST44 calibration data set)
 calibration lamp instability,
 starting in orbit 43680, 16:52:42
 Calibration lamp voltage decreases suddenly from nominal value ~198 V
 to ~184 V, in middle of first lamp sequences, the voltage then remains
 at the lower value of voltage
 However no occurrence of Lamp Failures

3 - data available during visibility of groundstations
 over Europe, North Atlantic, the Arctic and western North America

4 - instrument in solar calibration mode; stop time 13:09:10.95,
 start time cannot be given as data available only from 13:21:25
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 16450 BU ->PMD2 readouts analysed with ERGO.
 useful cal measurements data completely available,108 DSR in
 solar measurements 13:07:25 - 13:07:43)

 GOME Daily Reports Analysis 14 Sep 2003

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	>> cooler off between 13:51:17 - 18:25:11
Integration Times Channel 1	OK

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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 temp out of range due to switch off
FPA Temperatures B temp out of range due to switch off
Charge Amp Temperatures temp out of range due to switch off
Other Temperatures A temp out of range due to switch off
DDHU Temperatures temp out of range due to switch off
Optical Bench Temperatures temp out of range due to switch off
Other Temperatures B temp out of range due to switch off
Calibr. Lamp and Instr. Status 3 OK
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
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GOME Memory Dump Check

14 Sep

2003

no data received