
Summary of Anomalies:

station info

MM orbit 56068 EGOI data missing 00:55:31 - 01:06:06
MM orbit 56069 EGOI data missing 02:38:07 - 02:46:30
MM orbit 56070 EGOI data missing 04:21:12 - 04:27:26
MI orbit 56070 EGOI data missing 03:10:41 - 03:23:54
MM orbit 56072 EGOI data missing 07:44:35 - 07:52:39
PS orbit 56072 EGOI data missing 06:40:34 - 06:50:49
BE orbit 56077 EGOI data missing 14:58:46 - 15:11:09
MM orbit 56077 EGOI data missing 16:04:10 - 16:16:45
MM orbit 56078 EGOI data missing 17:43:21 - 17:55:53
MA orbit 56080 EGOI data missing 20:00:52 - 20:14:14
MM orbit 56081 EGOI data missing 22:42:15 - 22:54:34
MA orbit 56081 EGOI data missing 21:40:35 - 21:53:13
KS orbit 56068 EGOI data gap 00:09:40 - 00:11:21
MI orbit 56077 EGOI data gap 15:30:54 - 15:39:53
MI orbit 56078 EGOI data gap 17:11:08 - 17:14:07
BE orbit 56070 EGOI data gap 03:41:38 - 03:48:30

instrument info

EGOI

- 1 - Gome unavailable due to ATSR ICU Reset 08:40 - 11:59
(see ER2-UNA-2006/003)

- no data available due to anomaly:

MM orbit 56073 09:25:01 - 09:35:21
MA orbit 56073 08:45:29 - 08:57:50
KS orbit 56073 08:40:24 - 08:49:36
MM orbit 56074 11:05:10 - 11:17:03
KS orbit 56074 10:16:09 - 10:30:09
MA orbit 56074 10:24:11 - 10:36:20
MS orbit 56074 10:30:22 - 10:40:45
KS orbit 56075 11:55:37 - 11:59:09

- coolers off, 08:40 - 13:34
detector temperatures out of range (max warm up ~282 K)

- Gome in Idle Mode 12:00 - 13:34

- TST 44 started at ~18:00 , orbit 55492
 - a - Lamp Calibration sequence without lamp failure,
without lamp instability
13:36:33.004 - 13:38:28.519
 - b - Lamp Calibration sequence without lamp failure,
but calibration lamp instability
13:46:15.062 - exact stop cannot be given
due to data availability only during ground station
visibility , voltage decreased suddenly from a value
of about ~200 V to a value of 174 V at 13:46:36
(nominal value would be 198V)

- solar calibration with warm detectors: (T=265,3K)
complete solar calibration measurements available
start time 13:42:15.043 , orbit 56076 (6 th KS orbit),
increase of intensity of PMD readouts during available
solar calibration measurements data:
15910 BU ->PMD2 readouts analysed with ERGO.

back to MPS 15:15

GOME Daily Reports Analysis 10 Jan 2006

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	OK
Polarisation Detectors	OK
FPA Temperatures A	OK
FPA Temperatures B	OK
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	OK
Scan Mirror Motor Current	OK
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