
Summary of Anomalies:

station info

HO orbit 63927	EGOI data missing	13-JUL-2007 01:30:34.558	-	13-JUL-2007 01:42:23.037	708.47900	[sec]
MM orbit 63927	EGOI data missing	13-JUL-2007 01:42:18.684	-	13-JUL-2007 01:51:57.636	578.95200	[sec]
BE orbit 63928	EGOI data missing	13-JUL-2007 02:47:32.337	-	13-JUL-2007 03:00:53.099	800.76200	[sec]
MI orbit 63928	EGOI data missing	13-JUL-2007 02:18:31.822	-	13-JUL-2007 02:28:54.890	623.06800	[sec]
SG orbit 63928	EGOI data missing	13-JUL-2007 02:58:50.902	-	13-JUL-2007 03:12:12.085	801.18300	[sec]
BE orbit 63929	EGOI data missing	13-JUL-2007 04:27:45.137	-	13-JUL-2007 04:38:20.583	635.44600	[sec]
MM orbit 63932	EGOI data missing	13-JUL-2007 10:10:49.735	-	13-JUL-2007 10:21:59.200	669.46500	[sec]
HO orbit 63933	EGOI data missing	13-JUL-2007 12:00:13.464	-	13-JUL-2007 12:13:34.687	801.22300	[sec]
HO orbit 63934	EGOI data missing	13-JUL-2007 13:39:14.256	-	13-JUL-2007 13:53:43.821	869.56500	[sec]
BE orbit 63935	EGOI data missing	13-JUL-2007 14:04:08.718	-	13-JUL-2007 14:17:33.415	804.69700	[sec]
HO orbit 63935	EGOI data missing	13-JUL-2007 15:20:34.183	-	13-JUL-2007 15:28:10.319	456.13600	[sec]
MI orbit 63935	EGOI data missing	13-JUL-2007 14:38:51.731	-	13-JUL-2007 14:47:34.829	523.09800	[sec]
SG orbit 63935	EGOI data missing	13-JUL-2007 15:33:19.207	-	13-JUL-2007 15:47:10.328	831.12100	[sec]
BE orbit 63936	EGOI data missing	13-JUL-2007 15:46:27.007	-	13-JUL-2007 15:55:15.530	528.52300	[sec]
MM orbit 63936	EGOI data missing	13-JUL-2007 16:49:32.521	-	13-JUL-2007 17:02:04.489	751.96800	[sec]
MI orbit 63936	EGOI data missing	13-JUL-2007 16:16:10.088	-	13-JUL-2007 16:29:23.383	793.29500	[sec]
MM orbit 63937	EGOI data missing	13-JUL-2007 18:28:40.677	-	13-JUL-2007 18:41:15.546	754.86900	[sec]
MA orbit 63938	EGOI data missing	13-JUL-2007 19:11:09.641	-	13-JUL-2007 19:18:51.428	461.78700	[sec]
MM orbit 63939	EGOI data missing	13-JUL-2007 21:47:44.263	-	13-JUL-2007 22:00:21.002	756.73900	[sec]
MA orbit 63939	EGOI data missing	13-JUL-2007 20:45:44.013	-	13-JUL-2007 20:59:26.697	822.68400	[sec]
HO orbit 63940	EGOI data missing	13-JUL-2007 23:18:30.912	-	13-JUL-2007 23:32:38.466	847.55400	[sec]
MA orbit 63940	EGOI data missing	13-JUL-2007 22:29:42.311	-	13-JUL-2007 22:37:10.413	448.10200	[sec]
KS orbit 63932	EGOI data gap	13-JUL-2007 09:22:04.463	-	13-JUL-2007 09:29:06.451	421.98800	[sec]
GS orbit 63928	EGOI data gap	13-JUL-2007 02:22:54.476	-	13-JUL-2007 02:24:05.510	71.034000	[sec]

instrument info

EGOI 1 - unavailability due to GOME anomaly

(see ER-UNA-2007/016)

start of unavailability 04:29:18, orbit 63929,

end 11:01, orbit 63933

- no data available due to switch off:

MM orbit 63929 EGOI data missing 05:08:09 - 05:13:56

MI orbit 63929 EGOI data missing 03:56:11 - 04:09:09

SG orbit 63929 EGOI data missing 04:39:30 - 04:49:41

MM orbit 63930 EGOI data missing 06:49:50 - 06:56:40

PS orbit 63930 EGOI data missing 05:44:28 - 05:57:33

KS orbit 63930 EGOI data missing 06:03:42 - 06:09:09

MM orbit 63931 EGOI data missing 08:30:32 - 08:39:42

KS orbit 63931 EGOI data missing 07:42:29 - 07:54:04

MA orbit 63931 EGOI data missing 07:52:55 - 07:59:48

- coolers off, 04:29:18 - 11:01

detector temperatures out of range

(max warm up channel 1 272.7)

(max warm up channel 2 273.7)

(max warm up channel 3 273.5)

(max warm up channel 4 273.7)

- GOME in Idle Mode 09:22 - ~09:43, orbit 63932

- TST 44:

solar calibration mode with warm detectors, however due to

limited ground station visibility solar calibration data are not available

MPS resumed ca. 11:01

2 - complete solar calibration measurements available

start time 17:36:19.969, orbit 63937,

(increase of intensity of PMD readouts during available

solar calibration measurements data:

14840 BU ->PMD2 readouts analysed with ERGO.

GOME Daily Reports Analysis

13 Jul

2007

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