
Summary of Anomalies:

station info

HO orbit 67090	EGOI data missing	19-FEB-2008 00:43:42.222	- 19-FEB-2008 00:57:48.114	845.89200	[sec]
MM orbit 67090	EGOI data missing	19-FEB-2008 00:55:31.351	- 19-FEB-2008 01:06:06.555	635.20400	[sec]
KS orbit 67090	EGOI data missing	19-FEB-2008 00:06:32.952	- 19-FEB-2008 00:11:21.463	288.51100	[sec]
BE orbit 67091	EGOI data missing	19-FEB-2008 02:02:35.516	- 19-FEB-2008 02:14:31.737	716.22100	[sec]
MM orbit 67091	EGOI data missing	19-FEB-2008 02:38:07.090	- 19-FEB-2008 02:46:30.004	502.91400	[sec]
BE orbit 67092	EGOI data missing	19-FEB-2008 03:41:38.069	- 19-FEB-2008 03:54:27.455	769.38600	[sec]
MM orbit 67092	EGOI data missing	19-FEB-2008 04:21:12.488	- 19-FEB-2008 04:27:26.169	373.68100	[sec]
MI orbit 67092	EGOI data missing	19-FEB-2008 03:10:41.156	- 19-FEB-2008 03:23:54.020	792.86400	[sec]
MM orbit 67093	EGOI data missing	19-FEB-2008 06:03:31.973	- 19-FEB-2008 06:09:34.943	362.97000	[sec]
MI orbit 67093	EGOI data missing	19-FEB-2008 04:52:27.526	- 19-FEB-2008 05:01:14.090	526.56400	[sec]
MM orbit 67094	EGOI data missing	19-FEB-2008 07:44:35.104	- 19-FEB-2008 07:52:39.251	484.14700	[sec]
MM orbit 67096	EGOI data missing	19-FEB-2008 11:05:10.025	- 19-FEB-2008 11:17:03.824	713.79900	[sec]
MA orbit 67096	EGOI data missing	19-FEB-2008 10:24:11.878	- 19-FEB-2008 10:36:20.728	728.85000	[sec]
MM orbit 67097	EGOI data missing	19-FEB-2008 12:45:05.514	- 19-FEB-2008 12:57:42.519	757.00500	[sec]
HO orbit 67098	EGOI data missing	19-FEB-2008 14:33:55.628	- 19-FEB-2008 14:45:36.022	700.39400	[sec]
MM orbit 67098	EGOI data missing	19-FEB-2008 14:24:46.359	- 19-FEB-2008 14:37:29.481	763.12200	[sec]
BE orbit 67099	EGOI data missing	19-FEB-2008 14:58:46.460	- 19-FEB-2008 15:11:09.038	742.57800	[sec]
MM orbit 67099	EGOI data missing	19-FEB-2008 16:04:10.919	- 19-FEB-2008 16:16:45.556	754.63700	[sec]
MI orbit 67099	EGOI data missing	19-FEB-2008 15:30:54.861	- 19-FEB-2008 15:43:52.257	777.39600	[sec]
MM orbit 67100	EGOI data missing	19-FEB-2008 17:43:21.819	- 19-FEB-2008 17:55:53.882	752.06300	[sec]
MI orbit 67100	EGOI data missing	19-FEB-2008 17:11:08.521	- 19-FEB-2008 17:21:33.744	625.22300	[sec]
GS orbit 67100	EGOI data missing	19-FEB-2008 17:04:33.902	- 19-FEB-2008 17:17:09.631	755.72900	[sec]
MM orbit 67101	EGOI data missing	19-FEB-2008 19:22:31.515	- 19-FEB-2008 19:35:11.376	759.86100	[sec]
MM orbit 67102	EGOI data missing	19-FEB-2008 21:02:01.749	- 19-FEB-2008 21:14:44.875	763.12600	[sec]
MA orbit 67102	EGOI data missing	19-FEB-2008 20:00:52.232	- 19-FEB-2008 20:14:14.275	802.04300	[sec]
HO orbit 67103	EGOI data missing	19-FEB-2008 22:34:19.075	- 19-FEB-2008 22:46:50.965	751.89000	[sec]
MM orbit 67103	EGOI data missing	19-FEB-2008 22:42:15.392	- 19-FEB-2008 22:54:34.117	738.72500	[sec]
MA orbit 67103	EGOI data missing	19-FEB-2008 21:40:35.862	- 19-FEB-2008 21:53:13.990	758.12800	[sec]
KS orbit 67099	EGOI data gap	19-FEB-2008 15:12:59.912	- 19-FEB-2008 15:14:00.034	60.122000	[sec]
SG orbit 67091	EGOI data gap	19-FEB-2008 02:15:24.252	- 19-FEB-2008 02:18:33.390	189.13800	[sec]
SG orbit 67092	EGOI data gap	19-FEB-2008 03:52:35.739	- 19-FEB-2008 04:00:34.012	478.27300	[sec]
SG orbit 67098	EGOI data gap	19-FEB-2008 14:48:28.298	- 19-FEB-2008 14:51:19.399	171.10100	[sec]
CM orbit 67100	EGOI data gap	19-FEB-2008 17:13:23.628	- 19-FEB-2008 17:19:48.787	385.15900	[sec]

EGOI 1 - GOME switch off due to ATSR ICU power cycled as part of IRR power cycling operations (see ER2-UNA-2008/009), no data available between 08:41 - 10:11

- no data available due to switch off:

MM orbit 67095	EGOI data missing	19-FEB-2008 09:25:01.102	- 19-FEB-2008 09:35:21.338	620.23600	[sec]
MA orbit 67095	EGOI data missing	19-FEB-2008 08:45:29.589	- 19-FEB-2008 08:57:50.594	741.00500	[sec]
KS orbit 67095	EGOI data gap	19-FEB-2008 08:41:38.716	- 19-FEB-2008 08:49:36.053	477.33700	[sec]

- coolers off, ca 08:41 - 12:05:16

detector temperatures out of range

(max warm up channel 1 276.2)

(max warm up channel 2 277.0)

(max warm up channel 3 281.9)

(max warm up channel 4 276.7)

- TST 44 started at ~12:00, orbit 67097

- Lamp Calibration sequence with lamp failure,

Lamp Failure (no 240) flag set between 12:03:32 - 12:05:15

Lamp sequence started at 12:03:23 but voltage dropped

at ~180 V instead of nominally ~200 V

- solar calibration mode with warm detectors (271 K),

start time 11:59:22.853, orbit 67097,

(increase of intensity of PMD readouts during available

solar calibration measurements data:

15573 BU ->PMD2 readouts analysed with ERGO.

2 - data are nominal, besides the occurrence of padded frames in channel 4, which is due to the ATSR/IRR still being switched off orbit 67096



GOME Daily Reports Analysis 19 Feb 2008

Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	instrument off (see above)
Instrument Status 1A	instrument off (see above)
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	temperatures out of range
FPA Temperatures B	temperatures out of range
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	temperatures out of range
Selected Temperature B	temperatures out of range
Selected Temperature C	temperatures out of range
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