

\*\*\*\*\*

Quarterly Calibration mode between ~00:00 - ~04:00  
 (Orb. 69395-69397)  
 (note that Lamp Failures occurred during quarterly  
 calibration measurements)

\*\*\*\*\*

\*\*\*\*\*

Summary of Anomalies:

station info

MM orbit 69394	EGOI data missing	28-JUL-2008 23:54:26.976	-	29-JUL-2008 00:06:00.620	693.64400	[sec]
HO orbit 69395	EGOI data missing	29-JUL-2008 01:24:35.962	-	29-JUL-2008 01:36:51.810	735.84800	[sec]
MM orbit 69395	EGOI data missing	29-JUL-2008 01:36:27.087	-	29-JUL-2008 01:46:13.551	586.46400	[sec]
BE orbit 69396	EGOI data missing	29-JUL-2008 02:41:53.103	-	29-JUL-2008 02:55:09.465	796.36200	[sec]
SG orbit 69396	EGOI data missing	29-JUL-2008 02:53:18.264	-	29-JUL-2008 03:06:25.053	786.78900	[sec]
MM orbit 69398	EGOI data missing	29-JUL-2008 06:44:04.228	-	29-JUL-2008 06:50:46.736	402.50800	[sec]
KS orbit 69398	EGOI data missing	29-JUL-2008 05:58:10.508	-	29-JUL-2008 06:02:58.014	287.50600	[sec]
CM orbit 69398	EGOI data missing	29-JUL-2008 05:31:59.631	-	29-JUL-2008 05:37:52.289	352.65800	[sec]
MM orbit 69399	EGOI data missing	29-JUL-2008 08:24:48.255	-	29-JUL-2008 08:33:49.877	541.62200	[sec]
JO orbit 69399	EGOI data missing	29-JUL-2008 08:01:32.543	-	29-JUL-2008 08:16:28.821	896.27800	[sec]
MM orbit 69400	EGOI data missing	29-JUL-2008 10:05:06.321	-	29-JUL-2008 10:16:10.212	663.89100	[sec]
MA orbit 69400	EGOI data missing	29-JUL-2008 09:24:32.317	-	29-JUL-2008 09:38:05.182	812.86500	[sec]
HO orbit 69401	EGOI data missing	29-JUL-2008 11:54:36.303	-	29-JUL-2008 12:07:41.219	784.91600	[sec]
MA orbit 69401	EGOI data missing	29-JUL-2008 11:04:58.447	-	29-JUL-2008 11:14:41.944	583.49700	[sec]
HO orbit 69402	EGOI data missing	29-JUL-2008 13:33:31.635	-	29-JUL-2008 13:48:11.177	879.54200	[sec]
MM orbit 69402	EGOI data missing	29-JUL-2008 13:24:59.724	-	29-JUL-2008 13:37:42.479	762.75500	[sec]
BE orbit 69403	EGOI data missing	29-JUL-2008 13:58:29.204	-	29-JUL-2008 14:11:52.262	803.05800	[sec]
HO orbit 69403	EGOI data missing	29-JUL-2008 15:14:42.016	-	29-JUL-2008 15:22:49.042	487.02600	[sec]
MM orbit 69403	EGOI data missing	29-JUL-2008 15:04:34.164	-	29-JUL-2008 15:17:14.285	760.12100	[sec]
BE orbit 69404	EGOI data missing	29-JUL-2008 15:40:21.415	-	29-JUL-2008 15:49:50.673	569.25800	[sec]
MM orbit 69404	EGOI data missing	29-JUL-2008 16:43:52.460	-	29-JUL-2008 16:56:24.637	752.17700	[sec]
MM orbit 69405	EGOI data missing	29-JUL-2008 18:23:00.781	-	29-JUL-2008 18:35:35.194	754.41300	[sec]
MM orbit 69406	EGOI data missing	29-JUL-2008 20:02:15.789	-	29-JUL-2008 20:14:58.763	762.97400	[sec]
MA orbit 69406	EGOI data missing	29-JUL-2008 19:05:58.015	-	29-JUL-2008 19:12:57.322	419.30700	[sec]
MM orbit 69407	EGOI data missing	29-JUL-2008 21:42:00.882	-	29-JUL-2008 21:54:38.814	757.93200	[sec]
MA orbit 69407	EGOI data missing	29-JUL-2008 20:40:04.377	-	29-JUL-2008 20:53:45.582	821.20500	[sec]
MM orbit 69408	EGOI data missing	29-JUL-2008 23:22:37.033	-	29-JUL-2008 23:34:33.738	716.70500	[sec]
MA orbit 69408	EGOI data missing	29-JUL-2008 22:23:31.552	-	29-JUL-2008 22:31:48.057	496.50500	[sec]
KS orbit 69400	EGOI data gap	29-JUL-2008 09:16:22.839	-	29-JUL-2008 09:17:31.628	68.789000	[sec]
KS orbit 69401	EGOI data gap	29-JUL-2008 10:55:58.704	-	29-JUL-2008 10:57:11.231	72.527000	[sec]
KS orbit 69402	EGOI data gap	29-JUL-2008 12:35:18.099	-	29-JUL-2008 12:36:28.332	70.233000	[sec]
KS orbit 69403	EGOI data gap	29-JUL-2008 14:14:09.875	-	29-JUL-2008 14:15:24.430	74.555000	[sec]
KS orbit 69404	EGOI data gap	29-JUL-2008 15:52:00.775	-	29-JUL-2008 15:53:13.025	72.250000	[sec]
KS orbit 69405	EGOI data gap	29-JUL-2008 17:29:55.434	-	29-JUL-2008 17:31:10.619	75.185000	[sec]
MS orbit 69401	EGOI data gap	29-JUL-2008 11:09:05.063	-	29-JUL-2008 11:10:36.812	91.749000	[sec]
MS orbit 69402	EGOI data gap	29-JUL-2008 12:49:04.843	-	29-JUL-2008 12:50:16.419	71.576000	[sec]
MI orbit 69397	EGOI data gap	29-JUL-2008 03:50:25.777	-	29-JUL-2008 03:52:10.154	104.37700	[sec]
MI orbit 69397	EGOI data gap	29-JUL-2008 03:59:29.693	-	29-JUL-2008 04:03:33.317	243.62400	[sec]
MI orbit 69404	EGOI data gap	29-JUL-2008 16:11:14.633	-	29-JUL-2008 16:23:46.396	751.76300	[sec]
SG orbit 69397	EGOI data gap	29-JUL-2008 04:33:31.443	-	29-JUL-2008 04:41:05.946	454.50300	[sec]
SG orbit 69403	EGOI data gap	29-JUL-2008 15:27:38.348	-	29-JUL-2008 15:28:51.875	73.527000	[sec]
JO orbit 69398	EGOI data gap	29-JUL-2008 06:26:56.997	-	29-JUL-2008 06:28:36.595	99.598000	[sec]
JO orbit 69400	EGOI data gap	29-JUL-2008 09:43:15.593	-	29-JUL-2008 09:45:25.795	130.20200	[sec]
JO orbit 69407	EGOI data gap	29-JUL-2008 22:01:51.684	-	29-JUL-2008 22:03:22.768	91.084000	[sec]

instrument info

EGOI 1 - LAMP FAILURES (no 241-246 ) occurred during quarterly calibration sequence:(6 visible)

orbit 69395

start before 00:31:39 (no visibility gs) - stop 00:36:54

start 00:49:24 - stop after 00:50:27(no visibility gs)

orbit 69396

start before 02:13:48 (no visibility gs) - stop 02:17:26

start 02:30:01 - stop after 02:31:14 (no visibility gs)

start before 03:19:02 (no visibility gs) - stop 03:22:41

orbit 69397

start before 03:52:10 (no visibility gs) - stop 03:58:04

start time 17:32:52.631, orbit 69406,  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 14830 BU ->PMD2 readouts analysed with ERGO.

3 - data are nominal, besides the occurrence of padded frames in  
 channel 4 (frame 20) over a few orbits (limited area over the  
 North Pole)

\*\*\*\*\*

-----  
 GOME Daily Reports Analysis                    29 JUL                    2008  
 -----

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 Orbs. 69392-69394, ~00:00 - ~04:00
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