
Summary of Anomalies:

station info

HO orbit 67921	EGOI data missing	17-APR-2008 02:04:47.914	-	17-APR-2008 02:12:07.008	439.09400	[sec]
BE orbit 67922	EGOI data missing	17-APR-2008 03:18:46.589	-	17-APR-2008 03:32:04.954	798.36500	[sec]
MI orbit 67922	EGOI data missing	17-APR-2008 02:48:26.573	-	17-APR-2008 03:00:56.222	749.64900	[sec]
MM orbit 67923	EGOI data missing	17-APR-2008 05:40:16.324	-	17-APR-2008 05:46:06.536	350.21200	[sec]
MI orbit 67923	EGOI data missing	17-APR-2008 04:28:21.461	-	17-APR-2008 04:39:38.976	677.51500	[sec]
MM orbit 67924	EGOI data missing	17-APR-2008 07:21:33.824	-	17-APR-2008 07:29:05.273	451.44900	[sec]
MM orbit 67925	EGOI data missing	17-APR-2008 09:02:05.573	-	17-APR-2008 09:11:57.473	591.90000	[sec]
MM orbit 67926	EGOI data missing	17-APR-2008 10:42:17.743	-	17-APR-2008 10:53:54.780	697.03700	[sec]
MM orbit 67927	EGOI data missing	17-APR-2008 12:22:16.339	-	17-APR-2008 12:34:47.426	751.08700	[sec]
MA orbit 67927	EGOI data missing	17-APR-2008 11:42:55.029	-	17-APR-2008 11:49:28.170	393.14100	[sec]
BE orbit 67928	EGOI data missing	17-APR-2008 12:57:21.422	-	17-APR-2008 13:08:49.658	688.23600	[sec]
MM orbit 67928	EGOI data missing	17-APR-2008 14:02:00.708	-	17-APR-2008 14:14:44.604	763.89600	[sec]
SG orbit 67928	EGOI data missing	17-APR-2008 14:26:40.283	-	17-APR-2008 14:37:56.733	676.45000	[sec]
BE orbit 67929	EGOI data missing	17-APR-2008 14:35:34.167	-	17-APR-2008 14:48:41.330	787.16300	[sec]
MM orbit 67929	EGOI data missing	17-APR-2008 15:41:29.017	-	17-APR-2008 15:54:05.650	756.63300	[sec]
MI orbit 67929	EGOI data missing	17-APR-2008 15:08:40.686	-	17-APR-2008 15:20:33.566	712.88000	[sec]
MM orbit 67930	EGOI data missing	17-APR-2008 17:20:42.344	-	17-APR-2008 17:33:13.900	751.55600	[sec]
MI orbit 67930	EGOI data missing	17-APR-2008 16:47:48.004	-	17-APR-2008 16:59:53.130	725.12600	[sec]
MM orbit 67931	EGOI data missing	17-APR-2008 18:59:50.652	-	17-APR-2008 19:12:28.352	757.70000	[sec]
MM orbit 67932	EGOI data missing	17-APR-2008 20:39:14.056	-	17-APR-2008 20:51:58.042	763.98600	[sec]
MA orbit 67932	EGOI data missing	17-APR-2008 19:38:48.825	-	17-APR-2008 19:50:55.071	726.24600	[sec]
HO orbit 67933	EGOI data missing	17-APR-2008 22:12:38.580	-	17-APR-2008 22:23:50.146	671.56600	[sec]
MM orbit 67933	EGOI data missing	17-APR-2008 22:19:16.019	-	17-APR-2008 22:31:43.882	747.86300	[sec]
HO orbit 67934	EGOI data missing	17-APR-2008 23:49:30.002	-	18-APR-2008 00:03:57.667	867.66500	[sec]
KS orbit 67926	EGOI data gap	17-APR-2008 09:53:23.288	-	17-APR-2008 09:54:24.488	61.200000	[sec]
KS orbit 67927	EGOI data gap	17-APR-2008 11:32:55.071	-	17-APR-2008 11:34:01.095	66.024000	[sec]
KS orbit 67928	EGOI data gap	17-APR-2008 13:12:03.583	-	17-APR-2008 13:13:04.689	61.106000	[sec]
KS orbit 67929	EGOI data gap	17-APR-2008 14:50:43.081	-	17-APR-2008 14:51:48.787	65.706000	[sec]
KS orbit 67930	EGOI data gap	17-APR-2008 16:28:22.195	-	17-APR-2008 16:29:28.378	66.183000	[sec]
KS orbit 67931	EGOI data gap	17-APR-2008 18:06:09.643	-	17-APR-2008 18:07:28.973	79.330000	[sec]
MS orbit 67926	EGOI data gap	17-APR-2008 10:08:38.761	-	17-APR-2008 10:09:42.579	63.818000	[sec]
MS orbit 67927	EGOI data gap	17-APR-2008 11:45:49.134	-	17-APR-2008 11:46:56.666	67.532000	[sec]
MA orbit 67933	EGOI data gap	17-APR-2008 21:17:25.247	-	17-APR-2008 21:18:33.123	67.876000	[sec]
SG orbit 67922	EGOI data gap	17-APR-2008 03:29:44.371	-	17-APR-2008 03:31:43.660	119.28900	[sec]
SG orbit 67922	EGOI data gap	17-APR-2008 03:41:00.217	-	17-APR-2008 03:43:37.313	157.09600	[sec]
SG orbit 67928	EGOI data gap	17-APR-2008 14:26:40.283	-	17-APR-2008 14:27:44.144	63.861000	[sec]

instrument info

- EGOI 1 - GOME anomaly (SEU) started on 16/04/2008 disappeared after the execution of a GMN11 on 17/04/2008; starting from orbit 67926, ca. 10:00 UTC, the values of channel 1 are nominal again, so are the ratio plots.
- 2 - complete solar calibration measurements available
start time 18:12:31.996, orbit 67931,
(increase of intensity of PMD readouts during available solar calibration measurements data:
15244 BU ->PMD2 readouts analysed with ERGO.
- 3 - data are nominal, besides the occurrence of padded frames in channel 4 (frame 20)

GOME Daily Reports Analysis

17 Apr

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	>> GOME North Polar View operated
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