
Summary of Anomalies:

station info

BE orbit 72832 EGOI data missing	26-MAR-2009 03:38:46.248	-	26-MAR-2009 03:51:40.522	774.27400	[sec]
CM orbit 72832 EGOI data missing	26-MAR-2009 04:46:36.452	-	26-MAR-2009 04:57:51.961	675.50900	[sec]
MM orbit 72833 EGOI data missing	26-MAR-2009 06:00:37.768	-	26-MAR-2009 06:06:38.693	360.92500	[sec]
MM orbit 72834 EGOI data missing	26-MAR-2009 07:41:42.551	-	26-MAR-2009 07:49:42.568	480.01700	[sec]
JO orbit 72834 EGOI data missing	26-MAR-2009 07:19:54.514	-	26-MAR-2009 07:33:24.720	810.20600	[sec]
MM orbit 72835 EGOI data missing	26-MAR-2009 09:22:09.210	-	26-MAR-2009 09:32:26.031	616.82100	[sec]
JO orbit 72835 EGOI data missing	26-MAR-2009 08:58:44.868	-	26-MAR-2009 09:12:51.854	846.98600	[sec]
MM orbit 72836 EGOI data missing	26-MAR-2009 11:02:18.530	-	26-MAR-2009 11:14:10.383	711.85300	[sec]
JO orbit 72841 EGOI data missing	26-MAR-2009 19:39:58.243	-	26-MAR-2009 19:52:38.371	760.12800	[sec]
MM orbit 72842 EGOI data missing	26-MAR-2009 20:59:10.669	-	26-MAR-2009 21:11:53.977	763.30800	[sec]
JO orbit 72842 EGOI data missing	26-MAR-2009 21:18:27.072	-	26-MAR-2009 21:32:58.333	871.26100	[sec]
KS orbit 72830 EGOI data gap	26-MAR-2009 00:03:26.995	-	26-MAR-2009 00:04:49.456	82.461000	[sec]
KS orbit 72834 EGOI data gap	26-MAR-2009 06:54:16.627	-	26-MAR-2009 06:55:43.000	86.373000	[sec]
KS orbit 72835 EGOI data gap	26-MAR-2009 08:33:40.963	-	26-MAR-2009 08:35:39.110	118.14700	[sec]
KS orbit 72836 EGOI data gap	26-MAR-2009 10:13:18.637	-	26-MAR-2009 10:15:18.726	120.08900	[sec]
KS orbit 72837 EGOI data gap	26-MAR-2009 11:52:47.253	-	26-MAR-2009 11:54:52.336	125.08300	[sec]
KS orbit 72838 EGOI data gap	26-MAR-2009 13:31:48.750	-	26-MAR-2009 13:33:48.438	119.68800	[sec]
KS orbit 72841 EGOI data gap	26-MAR-2009 18:25:49.992	-	26-MAR-2009 18:28:13.216	143.22400	[sec]
KS orbit 72842 EGOI data gap	26-MAR-2009 20:05:02.626	-	26-MAR-2009 20:06:39.346	96.720000	[sec]
KS orbit 72843 EGOI data gap	26-MAR-2009 21:46:08.054	-	26-MAR-2009 21:47:42.261	94.207000	[sec]
KS orbit 72844 EGOI data gap	26-MAR-2009 23:29:53.913	-	26-MAR-2009 23:31:03.897	69.984000	[sec]
GS orbit 72831 EGOI data gap	26-MAR-2009 01:34:36.101	-	26-MAR-2009 01:36:59.027	142.92600	[sec]
GS orbit 72832 EGOI data gap	26-MAR-2009 03:12:41.412	-	26-MAR-2009 03:14:10.124	88.712000	[sec]
MS orbit 72830 EGOI data gap	25-MAR-2009 23:46:33.574	-	25-MAR-2009 23:48:19.349	105.77500	[sec]
MS orbit 72836 EGOI data gap	26-MAR-2009 10:27:38.210	-	26-MAR-2009 10:29:47.311	129.10100	[sec]
MS orbit 72837 EGOI data gap	26-MAR-2009 12:05:46.929	-	26-MAR-2009 12:07:47.914	120.98500	[sec]
MS orbit 72844 EGOI data gap	26-MAR-2009 23:14:55.089	-	26-MAR-2009 23:16:45.811	110.72200	[sec]
MA orbit 72836 EGOI data gap	26-MAR-2009 10:21:21.997	-	26-MAR-2009 10:22:41.268	79.271000	[sec]
MA orbit 72842 EGOI data gap	26-MAR-2009 19:58:05.951	-	26-MAR-2009 20:00:12.300	126.34900	[sec]
MA orbit 72843 EGOI data gap	26-MAR-2009 21:37:41.032	-	26-MAR-2009 21:39:39.210	118.17800	[sec]
MI orbit 72832 EGOI data gap	26-MAR-2009 03:07:53.180	-	26-MAR-2009 03:09:14.597	81.417000	[sec]
MI orbit 72833 EGOI data gap	26-MAR-2009 04:49:23.753	-	26-MAR-2009 04:50:34.723	70.970000	[sec]
MM orbit 72837 EGOI data gap	26-MAR-2009 12:42:14.411	-	26-MAR-2009 12:43:16.629	62.218000	[sec]
MM orbit 72841 EGOI data gap	26-MAR-2009 19:19:41.355	-	26-MAR-2009 19:21:28.553	107.19800	[sec]
MM orbit 72843 EGOI data gap	26-MAR-2009 22:39:22.802	-	26-MAR-2009 22:40:41.095	78.293000	[sec]
BE orbit 72831 EGOI data gap	26-MAR-2009 01:59:48.570	-	26-MAR-2009 02:02:03.684	135.11400	[sec]
SG orbit 72831 EGOI data gap	26-MAR-2009 02:12:47.312	-	26-MAR-2009 02:14:47.261	119.94900	[sec]
SG orbit 72832 EGOI data gap	26-MAR-2009 03:49:43.230	-	26-MAR-2009 03:51:17.860	94.630000	[sec]
CM orbit 72832 EGOI data gap	26-MAR-2009 03:08:07.776	-	26-MAR-2009 03:12:31.114	263.33800	[sec]
CM orbit 72832 EGOI data gap	26-MAR-2009 03:14:19.126	-	26-MAR-2009 03:18:10.880	231.75400	[sec]

instrument info

EGOI

- 1 - GOME unpowered (ref. ERS-2 Unavailability Report 2009009)
no data available on 26-MAR-2009 between 14:10:39 and 18:28:13 orbits, 72838-72841:

HO orbit 72838 EGOI data missing	26-MAR-2009 14:31:02.243	-	26-MAR-2009 14:42:51.050	708.80700	[sec]
MM orbit 72838 EGOI data missing	26-MAR-2009 14:21:55.702	-	26-MAR-2009 14:34:38.969	763.26700	[sec]
SG orbit 72838 EGOI data missing	26-MAR-2009 14:45:43.136	-	26-MAR-2009 14:58:30.020	766.88400	[sec]
BE orbit 72839 EGOI data missing	26-MAR-2009 14:55:51.335	-	26-MAR-2009 15:08:21.187	749.85200	[sec]
MM orbit 72839 EGOI data missing	26-MAR-2009 16:01:20.726	-	26-MAR-2009 16:13:55.595	754.86900	[sec]
MI orbit 72839 EGOI data missing	26-MAR-2009 15:28:07.076	-	26-MAR-2009 15:40:58.776	771.70000	[sec]
KS orbit 72839 EGOI data missing	26-MAR-2009 15:10:13.449	-	26-MAR-2009 15:21:49.601	696.15200	[sec]
GS orbit 72839 EGOI data missing	26-MAR-2009 15:22:04.838	-	26-MAR-2009 15:35:37.793	812.95500	[sec]
SG orbit 72839 EGOI data missing	26-MAR-2009 16:25:28.547	-	26-MAR-2009 16:36:57.419	688.87200	[sec]
CM orbit 72839 EGOI data missing	26-MAR-2009 15:31:46.186	-	26-MAR-2009 15:41:55.445	609.25900	[sec]
MM orbit 72840 EGOI data missing	26-MAR-2009 17:40:31.896	-	26-MAR-2009 17:53:03.859	751.96300	[sec]
MI orbit 72840 EGOI data missing	26-MAR-2009 17:08:12.214	-	26-MAR-2009 17:18:52.909	640.69500	[sec]
KS orbit 72840 EGOI data missing	26-MAR-2009 16:47:50.068	-	26-MAR-2009 17:00:17.641	747.57300	[sec]
GS orbit 72840 EGOI data missing	26-MAR-2009 17:01:41.774	-	26-MAR-2009 17:14:24.184	762.41000	[sec]
CM orbit 72840 EGOI data missing	26-MAR-2009 17:10:28.922	-	26-MAR-2009 17:21:37.722	668.80000	[sec]

- 3xNack/SU off or comm error flags set in the time intervals 18:28:21-18:28:27 and 18:32:42-18:34:58

- coolers off, between 18:32:39 and 18:34:44 and between 20:08:48 and 20:22:27
 detector temperatures out of range
 (max warm up channel 1 268.6)
 (max warm up channel 2 269.2)
 (max warm up channel 3 268.8)
 (max warm up channel 4 269.1)
- TST 44 started at ca 20:10, orbit 72842
 - Lamp Calibration instability
 start 20:10:50 - stop 20:12:48, some voltage values below 180 V (nominal would be ~198 V)
 - Lamp Calibration sequence with Lamp Failure
 start 20:20:28 stop 20:20:42, voltage at ~179 (nominal would be ~198 V)
 Lampo Failure (no. 250) flag set between 20:20:42 - (after) 20:21:36 (outside gs visibility)
 - solar calibration mode with warm detectors (T~260)
 start time 20:16:30.400, orbit 72842,
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 15314 BU ->PMD2 readouts analysed with ERGO.
- 2 - GOME anomaly (as communicated by ESOC) at 20:11:17, orbit 72842;
 to cure this anomaly a GOME Power Cycle(GMN11) has been executed at 21:22:09, orbit 72843;
- scan mirror position at zero from before 21:39:39 (outside gs visibility) to 21:49:27

MPS resumed at 21:49:22

 GOME Daily Reports Analysis

26 MAR

2009

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	>> North Polar View operations
Polarisation Detectors	OK
FPA Temperatures A	>> values out of range
FPA Temperatures B	>> values out of range
Charge Amp Temperatures	>> values out of range
Other Temperatures A	>> values out of range
DDHU Temperatures	>> values out of range
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	OK
Selected Temperature A	>> values out of range
Selected Temperature B	>> values out of range
Selected Temperature C	>> values 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