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Summary of Anomalies:

station info

MM orbit 72193 EGOI data missing 09-FEB-2009 12:56:29.818 - 09-FEB-2009 13:09:09.024	759.20600 [sec]
MM orbit 72194 EGOI data missing 09-FEB-2009 14:36:08.866 - 09-FEB-2009 14:48:51.295	762.42900 [sec]
BE orbit 72195 EGOI data missing 09-FEB-2009 15:10:30.467 - 09-FEB-2009 15:22:18.336	707.86900 [sec]
MM orbit 72196 EGOI data missing 09-FEB-2009 17:54:41.502 - 09-FEB-2009 18:07:14.064	752.56200 [sec]
MI orbit 72196 EGOI data missing 09-FEB-2009 17:22:58.623 - 09-FEB-2009 17:32:10.713	552.09000 [sec]
CM orbit 72196 EGOI data missing 09-FEB-2009 17:25:06.590 - 09-FEB-2009 17:35:11.536	604.94600 [sec]
MM orbit 72197 EGOI data missing 09-FEB-2009 19:33:52.334 - 09-FEB-2009 19:46:33.213	760.87900 [sec]
JO orbit 72197 EGOI data missing 09-FEB-2009 19:53:44.885 - 09-FEB-2009 20:07:23.394	818.50900 [sec]
MM orbit 72198 EGOI data missing 09-FEB-2009 21:13:26.443 - 09-FEB-2009 21:26:08.605	762.16200 [sec]
JO orbit 72198 EGOI data missing 09-FEB-2009 21:32:49.873 - 09-FEB-2009 21:46:48.567	838.69400 [sec]
HO orbit 72199 EGOI data missing 09-FEB-2009 22:45:17.832 - 09-FEB-2009 22:58:18.154	780.32200 [sec]
KS orbit 72193 EGOI data gap 09-FEB-2009 12:06:58.163 - 09-FEB-2009 12:08:39.207	101.04400 [sec]
KS orbit 72194 EGOI data gap 09-FEB-2009 13:45:54.166 - 09-FEB-2009 13:47:38.288	104.12200 [sec]
KS orbit 72195 EGOI data gap 09-FEB-2009 15:24:04.922 - 09-FEB-2009 15:26:05.879	120.95700 [sec]
KS orbit 72196 EGOI data gap 09-FEB-2009 17:01:47.063 - 09-FEB-2009 17:03:33.476	106.41300 [sec]
KS orbit 72197 EGOI data gap 09-FEB-2009 18:39:54.881 - 09-FEB-2009 18:41:34.078	99.197000 [sec]
KS orbit 72198 EGOI data gap 09-FEB-2009 20:19:21.349 - 09-FEB-2009 20:20:36.190	74.841000 [sec]
KS orbit 72199 EGOI data gap 09-FEB-2009 22:00:46.052 - 09-FEB-2009 22:02:02.323	76.271000 [sec]
GS orbit 72195 EGOI data gap 09-FEB-2009 15:36:12.637 - 09-FEB-2009 15:37:29.946	77.309000 [sec]
GS orbit 72196 EGOI data gap 09-FEB-2009 17:16:03.274 - 09-FEB-2009 17:17:18.559	75.285000 [sec]
MS orbit 72193 EGOI data gap 09-FEB-2009 12:20:09.509 - 09-FEB-2009 12:22:00.287	110.77800 [sec]
MS orbit 72199 EGOI data gap 09-FEB-2009 21:51:51.564 - 09-FEB-2009 21:53:03.768	72.204000 [sec]
MS orbit 72200 EGOI data gap 09-FEB-2009 23:29:13.234 - 09-FEB-2009 23:30:53.874	100.64000 [sec]
MA orbit 72198 EGOI data gap 09-FEB-2009 20:11:59.713 - 09-FEB-2009 20:13:49.647	109.93400 [sec]
MA orbit 72199 EGOI data gap 09-FEB-2009 21:52:54.121 - 09-FEB-2009 21:53:56.272	62.151000 [sec]
MI orbit 72195 EGOI data gap 09-FEB-2009 15:42:08.470 - 09-FEB-2009 15:43:10.485	62.015000 [sec]
SG orbit 72194 EGOI data gap 09-FEB-2009 14:59:32.890 - 09-FEB-2009 15:01:05.726	92.836000 [sec]

HO orbit 72193 EGOI corrupted product 13:11:15.573

instrument info

EGOI 1 - ATSR/GOME unavailable from 08-FEB-2009 14:28:16 to 09-FEB-2009  
 12:05:00 due to ICU Emergency Switchdown: GOME TST44 activated on TML2  
 (ERS-2 Unavailability Report 2009006)  
 no data available

BE orbit 72187 EGOI data missing 09-FEB-2009 02:13:45.560 - 09-FEB-2009 02:26:14.531	748.97100 [sec]
MM orbit 72187 EGOI data missing 09-FEB-2009 02:49:53.560 - 09-FEB-2009 02:57:59.920	486.36000 [sec]
MI orbit 72187 EGOI data missing 09-FEB-2009 01:47:35.460 - 09-FEB-2009 01:52:38.096	302.63600 [sec]
GS orbit 72187 EGOI data missing 09-FEB-2009 01:48:20.581 - 09-FEB-2009 02:01:00.412	759.83100 [sec]
SG orbit 72187 EGOI data missing 09-FEB-2009 02:26:01.544 - 09-FEB-2009 02:37:04.765	663.22100 [sec]
BE orbit 72188 EGOI data missing 09-FEB-2009 03:53:06.526 - 09-FEB-2009 04:05:32.591	746.06500 [sec]
MM orbit 72188 EGOI data missing 09-FEB-2009 04:32:58.067 - 09-FEB-2009 04:39:02.174	364.10700 [sec]
MI orbit 72188 EGOI data missing 09-FEB-2009 03:21:56.217 - 09-FEB-2009 03:35:17.938	801.72100 [sec]
GS orbit 72188 EGOI data missing 09-FEB-2009 03:27:03.980 - 09-FEB-2009 03:40:38.435	814.45500 [sec]
SG orbit 72188 EGOI data missing 09-FEB-2009 04:04:09.137 - 09-FEB-2009 04:17:09.921	780.78400 [sec]
CM orbit 72188 EGOI data missing 09-FEB-2009 03:21:41.263 - 09-FEB-2009 03:32:48.805	667.54200 [sec]
CM orbit 72188 EGOI data missing 09-FEB-2009 05:01:21.799 - 09-FEB-2009 05:11:32.941	611.14200 [sec]
MM orbit 72189 EGOI data missing 09-FEB-2009 06:15:08.124 - 09-FEB-2009 06:21:20.436	372.31200 [sec]
MI orbit 72189 EGOI data missing 09-FEB-2009 05:04:57.305 - 09-FEB-2009 05:11:37.213	399.90800 [sec]
MM orbit 72190 EGOI data missing 09-FEB-2009 07:56:05.052 - 09-FEB-2009 08:04:25.746	500.69400 [sec]
KS orbit 72190 EGOI data missing 09-FEB-2009 07:08:26.110 - 09-FEB-2009 07:18:26.957	600.84700 [sec]
JO orbit 72190 EGOI data missing 09-FEB-2009 07:33:39.413 - 09-FEB-2009 07:47:50.736	851.32300 [sec]
MM orbit 72191 EGOI data missing 09-FEB-2009 09:36:28.551 - 09-FEB-2009 09:47:02.065	633.51400 [sec]
KS orbit 72191 EGOI data missing 09-FEB-2009 08:47:54.811 - 09-FEB-2009 09:01:11.942	797.13100 [sec]
MA orbit 72191 EGOI data missing 09-FEB-2009 08:56:50.466 - 09-FEB-2009 09:09:15.673	745.20700 [sec]
JO orbit 72191 EGOI data missing 09-FEB-2009 09:13:23.084 - 09-FEB-2009 09:26:43.721	800.63700 [sec]
HO orbit 72192 EGOI data missing 09-FEB-2009 11:26:47.397 - 09-FEB-2009 11:38:07.305	679.90800 [sec]
MM orbit 72192 EGOI data missing 09-FEB-2009 11:16:35.910 - 09-FEB-2009 11:28:37.068	721.15800 [sec]
KS orbit 72192 EGOI data missing 09-FEB-2009 10:27:32.241 - 09-FEB-2009 10:41:31.283	839.04200 [sec]
MA orbit 72192 EGOI data missing 09-FEB-2009 10:35:32.498 - 09-FEB-2009 10:47:24.515	712.01700 [sec]
MS orbit 72192 EGOI data missing 09-FEB-2009 10:41:22.005 - 09-FEB-2009 10:52:40.679	678.67400 [sec]

- coolers off, start before 12:08:39 (outside gs visibility) stop 12:18:43

detector temperatures out of range  
 (max warm up channel 1 259.7)  
 (max warm up channel 2 260.5)  
 (max warm up channel 3 260.2)  
 (max warm up channel 4 260.6)

- TST 44 started at 12:05 (outside gs visibility), orbit 72193
- Lamp Calibration instability  
 start 12:08:39 stop 12:09:02, voltage at ~182 (nominal would be ~198 V)
- Lamp Calibration sequence  
 start 12:16:45 stop 12:18:41, voltage at ~198
- solar calibration mode with warm detectors (T~260),  
 start time 12:12:45.250, orbit 72193,  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 14964 BU ->PMD2 readouts analysed with ERGO.

MPS resumed 12:18

- 2 - ATSR/GOME unavailable on 09-FEB-2009 from 16:10:40 to 17:06:47:  
 GOME TML1 stopped/activated (ERS-2 Unavailability Report 2009007)  
 no data available between ~16:10 and ~17:03

MM orbit 72195 EGOI data missing 09-FEB-2009 16:15:31.578 - 09-FEB-2009 16:28:05.350	753.77200 [sec]
SG orbit 72195 EGOI data missing 09-FEB-2009 16:40:25.426 - 09-FEB-2009 16:50:18.066	592.64000 [sec]
CM orbit 72195 EGOI data missing 09-FEB-2009 15:45:26.862 - 09-FEB-2009 15:56:41.134	674.27200 [sec]

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 GOME Daily Reports Analysis                      09 FEB                      2009  
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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	>> 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

