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Summary of Anomalies:

station info

HO orbit 71613 EGOI data missing 31-DEC-2008 00:12:03.155 - 31-DEC-2008 00:26:41.158	878.00300 [sec]
MM orbit 71613 EGOI data missing 31-DEC-2008 00:23:28.957 - 31-DEC-2008 00:34:37.109	668.15200 [sec]
HO orbit 71614 EGOI data missing 31-DEC-2008 01:55:11.014 - 31-DEC-2008 02:04:13.707	542.69300 [sec]
MM orbit 71614 EGOI data missing 31-DEC-2008 02:05:46.843 - 31-DEC-2008 02:14:54.634	547.79100 [sec]
BE orbit 71615 EGOI data missing 31-DEC-2008 03:10:14.083 - 31-DEC-2008 03:23:37.431	803.34800 [sec]
MM orbit 71615 EGOI data missing 31-DEC-2008 03:48:49.273 - 31-DEC-2008 03:55:37.111	407.83800 [sec]
SG orbit 71615 EGOI data missing 31-DEC-2008 03:21:15.117 - 31-DEC-2008 03:35:06.916	831.79900 [sec]
BE orbit 71616 EGOI data missing 31-DEC-2008 04:51:07.448 - 31-DEC-2008 04:59:43.595	516.14700 [sec]
MM orbit 71616 EGOI data missing 31-DEC-2008 05:31:31.737 - 31-DEC-2008 05:37:19.429	347.69200 [sec]
MM orbit 71617 EGOI data missing 31-DEC-2008 07:12:55.298 - 31-DEC-2008 07:20:14.826	439.52800 [sec]
JO orbit 71617 EGOI data missing 31-DEC-2008 06:52:53.977 - 31-DEC-2008 07:04:14.006	680.02900 [sec]
MM orbit 71618 EGOI data missing 31-DEC-2008 08:53:29.514 - 31-DEC-2008 09:03:10.227	580.71300 [sec]
JO orbit 71618 EGOI data missing 31-DEC-2008 08:29:54.066 - 31-DEC-2008 08:44:49.830	895.76400 [sec]
MM orbit 71619 EGOI data missing 31-DEC-2008 10:33:42.961 - 31-DEC-2008 10:45:12.999	690.03800 [sec]
MM orbit 71620 EGOI data missing 31-DEC-2008 12:13:42.705 - 31-DEC-2008 12:26:11.016	748.31100 [sec]
MA orbit 71620 EGOI data missing 31-DEC-2008 11:34:12.335 - 31-DEC-2008 11:41:40.295	447.96000 [sec]
MM orbit 71621 EGOI data missing 31-DEC-2008 13:53:28.371 - 31-DEC-2008 14:06:12.298	763.92700 [sec]
BE orbit 71622 EGOI data missing 31-DEC-2008 14:26:56.823 - 31-DEC-2008 14:40:13.413	796.59000 [sec]
MM orbit 71622 EGOI data missing 31-DEC-2008 15:32:58.096 - 31-DEC-2008 15:45:35.533	757.43700 [sec]
MM orbit 71623 EGOI data missing 31-DEC-2008 17:12:12.471 - 31-DEC-2008 17:24:44.013	751.54200 [sec]
MM orbit 71624 EGOI data missing 31-DEC-2008 18:51:20.548 - 31-DEC-2008 19:03:57.438	756.89000 [sec]
JO orbit 71624 EGOI data missing 31-DEC-2008 19:13:02.361 - 31-DEC-2008 19:22:23.662	561.30100 [sec]
MM orbit 71625 EGOI data missing 31-DEC-2008 20:30:41.712 - 31-DEC-2008 20:43:25.696	763.98400 [sec]
MA orbit 71625 EGOI data missing 31-DEC-2008 19:30:36.788 - 31-DEC-2008 19:42:13.424	696.63600 [sec]
JO orbit 71625 EGOI data missing 31-DEC-2008 20:49:54.629 - 31-DEC-2008 21:04:55.703	901.07400 [sec]
HO orbit 71626 EGOI data missing 31-DEC-2008 22:04:35.956 - 31-DEC-2008 22:15:08.170	632.21400 [sec]
MM orbit 71626 EGOI data missing 31-DEC-2008 22:10:39.543 - 31-DEC-2008 22:23:10.233	750.69000 [sec]
JO orbit 71626 EGOI data missing 31-DEC-2008 22:31:28.615 - 31-DEC-2008 22:40:26.553	537.93800 [sec]
HO orbit 71627 EGOI data missing 31-DEC-2008 23:41:02.490 - 31-DEC-2008 23:55:25.471	862.98100 [sec]
MM orbit 71627 EGOI data missing 31-DEC-2008 23:51:33.077 - 01-JAN-2009 00:03:09.033	695.95600 [sec]
KS orbit 71618 EGOI data gap 31-DEC-2008 08:05:13.968 - 31-DEC-2008 08:06:35.296	81.328000 [sec]
KS orbit 71619 EGOI data gap 31-DEC-2008 09:44:50.918 - 31-DEC-2008 09:46:16.396	85.478000 [sec]
KS orbit 71620 EGOI data gap 31-DEC-2008 11:24:23.848 - 31-DEC-2008 11:25:49.998	86.150000 [sec]
KS orbit 71621 EGOI data gap 31-DEC-2008 13:03:35.120 - 31-DEC-2008 13:04:58.102	82.982000 [sec]
KS orbit 71622 EGOI data gap 31-DEC-2008 14:42:17.467 - 31-DEC-2008 14:43:46.500	89.033000 [sec]
KS orbit 71623 EGOI data gap 31-DEC-2008 16:19:57.527 - 31-DEC-2008 16:21:27.589	90.062000 [sec]
KS orbit 71624 EGOI data gap 31-DEC-2008 17:57:47.705 - 31-DEC-2008 17:59:32.689	104.98400 [sec]
GS orbit 71623 EGOI data gap 31-DEC-2008 16:33:04.717 - 31-DEC-2008 16:34:08.164	63.447000 [sec]
MS orbit 71620 EGOI data gap 31-DEC-2008 11:37:20.346 - 31-DEC-2008 11:38:56.078	95.732000 [sec]
MS orbit 71621 EGOI data gap 31-DEC-2008 13:18:32.073 - 31-DEC-2008 13:19:58.193	86.120000 [sec]
MA orbit 71626 EGOI data gap 31-DEC-2008 21:08:48.203 - 31-DEC-2008 21:10:18.845	90.642000 [sec]
SG orbit 71621 EGOI data gap 31-DEC-2008 14:18:39.517 - 31-DEC-2008 14:20:44.859	125.34200 [sec]
SG orbit 71622 EGOI data gap 31-DEC-2008 15:56:15.244 - 31-DEC-2008 15:57:58.948	103.70400 [sec]
CM orbit 71622 EGOI data gap 31-DEC-2008 15:05:28.501 - 31-DEC-2008 15:08:30.145	181.64400 [sec]
CM orbit 71623 EGOI data gap 31-DEC-2008 16:41:39.737 - 31-DEC-2008 16:44:02.225	142.48800 [sec]

instrument info

- EGOI 1 - GOME anomaly (SEU) starting from 30-DEC-2008 at ~01:46, intermittent cover error flag; the anomaly was cured with a power cycle (GMN11) on 31-DEC-2008 at 14:18:18, orbit 71621, last occurrence observed on 31-DEC-2008 at ~13:05;
  - GOME in Nadir Static View due to Timeline 1 Interruption start before 14:20:45 (outside gs visibility), stop 14:20:58, orbit 71621
  - coolers off, start before 14:20:45 (outside gs visibility) stop 14:20:58
    - detector temperatures out of range
      - (max warm up channel 1 245.6)
      - (max warm up channel 2 245.8)
      - (max warm up channel 3 245.5)
      - (max warm up channel 4 245.9)
- 2 - complete solar calibration measurements available
  - start time 13:12:38.640, orbit 71621,
  - (increase of intensity of PMD readouts during available solar calibration measurements data: 15697 BU ->PMD2 readouts analysed with ERGO.

3 - data are nominal, besides the occurrence of padded frames in channel 4 (frames 19, 20) since 18-DEC-2008. This is due to ATSR IRR switch-off; counter measures are expected in the next days.

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 GOME Daily Reports Analysis                    31 DEC                    2008  
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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	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