
Summary of Anomalies:

station info

MM orbit 69814	EGOI data missing	27-AUG-2008 08:13:19.235	-	27-AUG-2008 08:22:04.629	525.39400	[sec]
MM orbit 69815	EGOI data missing	27-AUG-2008 09:53:39.354	-	27-AUG-2008 10:04:31.589	652.23500	[sec]
MM orbit 69816	EGOI data missing	27-AUG-2008 11:33:44.407	-	27-AUG-2008 11:45:55.364	730.95700	[sec]
MM orbit 69817	EGOI data missing	27-AUG-2008 13:13:35.908	-	27-AUG-2008 13:26:17.559	761.65100	[sec]
MM orbit 69818	EGOI data missing	27-AUG-2008 14:53:12.211	-	27-AUG-2008 15:05:53.331	761.12000	[sec]
MI orbit 69818	EGOI data missing	27-AUG-2008 14:23:33.681	-	27-AUG-2008 14:28:32.865	299.18400	[sec]
SG orbit 69818	EGOI data missing	27-AUG-2008 15:16:20.326	-	27-AUG-2008 15:30:09.957	829.63100	[sec]
BE orbit 69819	EGOI data missing	27-AUG-2008 15:28:18.716	-	27-AUG-2008 15:38:54.294	635.57800	[sec]
MM orbit 69819	EGOI data missing	27-AUG-2008 16:32:32.227	-	27-AUG-2008 16:45:04.935	752.70800	[sec]
MI orbit 69819	EGOI data missing	27-AUG-2008 15:59:05.582	-	27-AUG-2008 16:12:28.678	803.09600	[sec]
MM orbit 69820	EGOI data missing	27-AUG-2008 18:11:41.036	-	27-AUG-2008 18:24:14.617	753.58100	[sec]
MI orbit 69820	EGOI data missing	27-AUG-2008 17:41:07.335	-	27-AUG-2008 17:47:37.791	390.45600	[sec]
MM orbit 69821	EGOI data missing	27-AUG-2008 19:50:54.143	-	27-AUG-2008 20:03:36.377	762.23400	[sec]
MA orbit 69821	EGOI data missing	27-AUG-2008 18:55:53.078	-	27-AUG-2008 19:00:17.536	264.45800	[sec]
JO orbit 69821	EGOI data missing	27-AUG-2008 20:10:26.759	-	27-AUG-2008 20:24:52.329	865.57000	[sec]
MM orbit 69822	EGOI data missing	27-AUG-2008 21:30:34.623	-	27-AUG-2008 21:43:14.580	759.95700	[sec]
MM orbit 69823	EGOI data missing	27-AUG-2008 23:11:04.102	-	27-AUG-2008 23:23:07.918	723.81600	[sec]
MS orbit 69823	EGOI data missing	27-AUG-2008 22:08:02.037	-	27-AUG-2008 22:19:19.321	677.28400	[sec]
MA orbit 69823	EGOI data missing	27-AUG-2008 22:11:22.160	-	27-AUG-2008 22:20:55.029	572.86900	[sec]
KS orbit 69823	EGOI data missing	27-AUG-2008 22:18:24.061	-	27-AUG-2008 22:29:52.696	688.63500	[sec]
MS orbit 69824	EGOI data missing	27-AUG-2008 23:46:33.573	-	27-AUG-2008 23:59:20.389	766.81600	[sec]
KS orbit 69814	EGOI data gap	27-AUG-2008 07:25:27.155	-	27-AUG-2008 07:33:06.009	458.85400	[sec]
KS orbit 69815	EGOI data gap	27-AUG-2008 09:04:59.597	-	27-AUG-2008 09:06:08.062	68.465000	[sec]
KS orbit 69816	EGOI data gap	27-AUG-2008 10:44:36.255	-	27-AUG-2008 10:45:46.180	69.925000	[sec]
KS orbit 69817	EGOI data gap	27-AUG-2008 12:23:58.448	-	27-AUG-2008 12:25:07.797	69.349000	[sec]
KS orbit 69818	EGOI data gap	27-AUG-2008 14:02:51.919	-	27-AUG-2008 14:04:06.924	75.005000	[sec]
KS orbit 69819	EGOI data gap	27-AUG-2008 15:40:50.681	-	27-AUG-2008 15:42:07.549	76.868000	[sec]
KS orbit 69820	EGOI data gap	27-AUG-2008 17:18:41.009	-	27-AUG-2008 17:19:54.679	73.670000	[sec]
MS orbit 69816	EGOI data gap	27-AUG-2008 10:57:45.877	-	27-AUG-2008 10:59:01.259	75.382000	[sec]
MS orbit 69817	EGOI data gap	27-AUG-2008 12:37:22.157	-	27-AUG-2008 12:38:30.380	68.223000	[sec]
MA orbit 69822	EGOI data gap	27-AUG-2008 20:28:47.806	-	27-AUG-2008 20:30:03.399	75.593000	[sec]
JO orbit 69814	EGOI data gap	27-AUG-2008 07:50:19.779	-	27-AUG-2008 07:51:45.117	85.338000	[sec]
JO orbit 69815	EGOI data gap	27-AUG-2008 09:31:11.497	-	27-AUG-2008 09:32:42.722	91.225000	[sec]

instrument info

EGOI 1 - GOME unpowered due to FP1 Temperature (see unavailability report ER-UNA-2008/030). No data available between 01:56-07:30, orbits 69811-69814

BE orbit 69811	EGOI data missing	27-AUG-2008 02:30:36.242	-	27-AUG-2008 02:43:38.966	782.72400	[sec]
MM orbit 69811	EGOI data missing	27-AUG-2008 03:07:33.912	-	27-AUG-2008 03:15:15.615	461.70300	[sec]
MI orbit 69811	EGOI data missing	27-AUG-2008 02:02:41.701	-	27-AUG-2008 02:11:05.479	503.77800	[sec]
GS orbit 69811	EGOI data missing	27-AUG-2008 02:04:57.402	-	27-AUG-2008 02:18:11.716	794.31400	[sec]
SG orbit 69811	EGOI data missing	27-AUG-2008 02:42:17.747	-	27-AUG-2008 02:54:46.449	748.70200	[sec]
CM orbit 69811	EGOI data missing	27-AUG-2008 03:38:13.230	-	27-AUG-2008 03:50:10.136	716.90600	[sec]
BE orbit 69812	EGOI data missing	27-AUG-2008 04:10:23.039	-	27-AUG-2008 04:22:02.090	699.05100	[sec]
MM orbit 69812	EGOI data missing	27-AUG-2008 04:50:34.907	-	27-AUG-2008 04:56:28.247	353.34000	[sec]
MI orbit 69812	EGOI data missing	27-AUG-2008 03:38:58.142	-	27-AUG-2008 03:52:17.730	799.58800	[sec]
GS orbit 69812	EGOI data missing	27-AUG-2008 03:44:27.243	-	27-AUG-2008 03:57:32.458	785.21500	[sec]
SG orbit 69812	EGOI data missing	27-AUG-2008 04:21:40.692	-	27-AUG-2008 04:33:35.556	714.86400	[sec]
MM orbit 69813	EGOI data missing	27-AUG-2008 06:32:30.463	-	27-AUG-2008 06:38:59.870	389.40700	[sec]
PS orbit 69813	EGOI data missing	27-AUG-2008 05:27:04.808	-	27-AUG-2008 05:40:36.163	811.35500	[sec]
CM orbit 69813	EGOI data missing	27-AUG-2008 05:19:28.208	-	27-AUG-2008 05:27:36.146	487.93800	[sec]
PS orbit 69814	EGOI data missing	27-AUG-2008 07:11:04.526	-	27-AUG-2008 07:18:15.628	431.10200	[sec]

- coolers off,~ 01:56 - 09:06:54
 detector temperatures out of range
 (max warm up channel 1 276.1)
 (max warm up channel 2 276.6)
 (max warm up channel 3 279.3)
 (max warm up channel 4 276.7)

- TST 44 started at~09:06:08 (exact start time not available due to limited gs visibility), orbit 69815

- Lamp Calibration sequence start 09:06:08 (exact start time not available due to limited gs visibility), stop 09:06:54 (voltage stable at 197.8 V)

- MPS resumed ~10:33:51

2 - complete solar calibration measurements available
 start time 19:05:26, orbit 69821,
 (increase of intensity of PMD readouts during available solar calibration measurements data:
 14946 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

27 AUG

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	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