
Summary of Anomalies:

Station info

KS orbit 38176 EGOI small gaps, 9 gaps of 1.5 sec.

KS orbit 38177 EGOI small gaps, 7 gaps of 1.5 sec.

EGOI corrupted product 03:05:54, temperatures out of range

KS orbit 38178 EGOI small gaps, 4 gaps of 1.5 sec.

Instrument info

EGOI

1 - anomalous long science dump at GS, dump orb. 38177, 02:44:36 - 02:58:58

2 - Memory Dump (change to the day before):

address 1300B in E2PROMCOPY changed from actual value 1 to template 10

 GOME Daily Reports Analysis 09 Aug 2002

Station ID	small gaps		Duration	GS	DOrbit
	Start (end of last prod.)	Stop			
09-AUG-2002	00:02:08.040	00:02:09.540	00:00:01.500	GS	38176
09-AUG-2002	00:25:39.680	00:25:41.180	00:00:01.500	GS	38176
09-AUG-2002	00:38:50.260	00:38:51.760	00:00:01.500	GS	38176
09-AUG-2002	01:04:32.410	01:04:33.910	00:00:01.500	GS	38176
09-AUG-2002	01:06:36.930	01:06:38.430	00:00:01.500	GS	38176
09-AUG-2002	01:10:06.950	01:10:08.450	00:00:01.500	GS	38176
09-AUG-2002	01:18:45.990	01:18:47.490	00:00:01.500	GS	38176
09-AUG-2002	01:27:17.550	01:27:19.050	00:00:01.500	GS	38176
09-AUG-2002	01:27:58.050	01:27:59.560	00:00:01.510	GS	38176
09-AUG-2002	01:40:52.130	01:40:53.630	00:00:01.500	GS	38177
09-AUG-2002	02:31:26.930	02:31:28.430	00:00:01.500	GS	38177
09-AUG-2002	02:39:38.980	02:39:40.480	00:00:01.500	GS	38177
09-AUG-2002	02:46:36.020	02:46:37.520	00:00:01.500	GS	38177
09-AUG-2002	02:58:31.590	02:58:33.090	00:00:01.500	GS	38177
09-AUG-2002	03:06:18.140	03:06:19.640	00:00:01.500	GS	38177
09-AUG-2002	03:09:21.160	03:09:22.660	00:00:01.500	GS	38177
09-AUG-2002	03:43:06.360	03:43:07.860	00:00:01.500	GS	38178
09-AUG-2002	03:54:01.930	03:54:03.430	00:00:01.500	GS	38178
09-AUG-2002	04:14:57.550	04:14:59.050	00:00:01.500	GS	38178
09-AUG-2002	04:47:24.750	04:47:26.250	00:00:01.500	GS	38178

- 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 >> Solar calibration performed
in dump Orb. 38183
start of sun calibration 13:16:26
intensity of sun calibration:
~ 16970 BU ->PMD2 readouts analysed with ERGO;
(note: due to seasonal effects nominal values
range between ~16000 - ~19000 BU

anomalous long science dump at GS, dump orb.
38177, 02:44:36 - 02:58:58

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

GOME Memory Dump Check

09 Aug

2002

GOME Daily Dump Check of processing day 020809

8978 differences found in RAM1 area
0 differences found in PROMCOPY area
5 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1366A	AD	A5

0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area