
Summary of Anomalies:

Station Info

PS dump orbit 40097 EGOI gap 06:25:31.250 - 06:26:10.260 00:00:39.010
 KS dump orbit 40098 EGOI gap 08:23:13.960 - 08:24:21.470 00:01:07.510
 40099 EGOI gap 10:04:19.070 - 10:05:20.570 00:01:01.500
 40100 EGOI gap 11:43:30.160 - 11:44:37.670 00:01:07.510
 40101 EGOI gap 13:21:32.250 - 13:21:45.750 00:00:13.500
 40102 EGOI gap 14:59:16.340 - 15:00:22.340 00:01:06.000
 40103 EGOI gap 16:37:34.930 - 16:38:34.930 00:01:00.000
 40104 EGOI gap 18:16:37.020 - 18:17:43.030 00:01:06.010

Instrument Info

EGOI

1 - SEU

!!anomalous values since ~22:00 (20/12/02), dump orbit 40092 for
 - channel 2 and 3 summation, values higher than usual
 (quick look images, for ozone line ratios show anomalous values)
 - co-adding flag set not as usual: FPA2/2 set nearly all the time
 (in nominal case this flag is set only during very short periods)

2 - Memory Dump (change to the last available analysis day 19/12/02):
 address 131E2 in PROMCOPY changed from template value A6 to actual A2.

 GOME Daily Reports Analysis 21 Dec 2002

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 10:04:19.070 - 10:05:20.570 00:01:01.500 KS 40099
 11:43:30.160 - 11:44:37.670 00:01:07.510 KS 40100
 13:21:32.250 - 13:21:45.750 00:00:13.500 KS 40101
 14:59:16.340 - 15:00:22.340 00:01:06.000 KS 40102
 16:37:34.930 - 16:38:34.930 00:01:00.000 KS 40103
 18:16:37.020 - 18:17:43.030 00:01:06.010 KS 40104

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. 40101
 start of sun calibration 13:20:38.24
 intensity of sun calibration:
 ~17500 BU ->PMD2 readouts analysed with ERGO;
 (note: due to seasonal effects nominal values
 range between ~16000 - ~19000 BU)
 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 21 Dec 2002

9105 differences found in RAM1 area
0 differences found in PROMCOPY area
7 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
131E2	A2	A6
13E9C	FB	FF
17FFF	FD	FF

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