
Summary of Anomalies:

Station Info

```

PS dump orbit 40225 EGOI small gaps 03:31:41.750 03:32:01.250 00:00:19.500
                                     03:33:23.760 03:34:31.270 00:01:07.510
                                     03:34:35.770 03:34:38.770 00:00:03.000
                                     03:34:41.770 03:34:43.270 00:00:01.500
                                     04:41:24.170 04:45:49.700 00:04:25.530
                                     04:45:54.200 04:46:09.200 00:00:15.000
                                     04:46:16.700 04:46:28.700 00:00:12.000
                                     04:47:03.200 04:48:07.710 00:01:04.510
                                     04:48:13.710 04:48:36.210 00:00:22.500
                                     04:49:07.720 04:50:33.220 00:01:25.500
                                     04:52:45.230 04:52:46.740 00:00:01.510
                                     04:52:54.240 04:53:00.240 00:00:06.000
                                     04:53:03.240 04:53:13.740 00:00:10.500
                                     04:53:15.240 04:53:25.740 00:00:10.500
                                     04:58:16.770 04:58:21.270 00:00:04.500
                                     04:58:27.270 04:58:28.770 00:00:01.500
                                     05:03:31.810 05:03:34.810 00:00:03.000
KS dump orbit 40231 EGOI gap      14:38:17.270 14:39:26.270 00:01:09.000
  
```

Instrument Info

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EGOI
1 - Memory Dump (change to the day 26.12.2002):
   Address 1300B in E2PROMCOPY area changed from template
   (10) to actual value (1)
*****
  
```

 GOME Daily Reports Analysis 30 Dec 2002

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Station ID      03:31:41.750 03:32:01.250 00:00:19.500 PS 40225
                03:33:23.760 03:34:31.270 00:01:07.510 PS 40225
                03:34:35.770 03:34:38.770 00:00:03.000 PS 40225
                03:34:41.770 03:34:43.270 00:00:01.500 PS 40225
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                05:03:31.810 05:03:34.810 00:00:03.000 PS 40225
                14:38:17.270 14:39:26.270 00:01:09.000 KS 40231
  
```

```

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. 40229
start of sun calibration 11:57:07.29
intensity of sun calibration:
~17520 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 30 Dec 2002

8843 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
1300B	1	10

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