
Summary of Anomalies:

Station Info

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KS dump orbit 40112 EGOI gap 07:50:55.410 07:52:04.420 00:01:09.010
                40113 EGOI gap 09:32:45.530 09:33:56.030 00:01:10.500
                40114 EGOI gap 11:12:31.130 11:13:32.630 00:01:01.500
                40115 EGOI gap 12:50:49.720 12:52:07.720 00:01:18.000
                40117 EGOI gap 16:06:32.890 16:07:32.900 00:01:00.010
                40118 EGOI gap 17:45:24.490 17:46:30.490 00:01:06.000
                40119 EGOI gap 19:24:44.590 19:25:55.100 00:01:10.510
    
```

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 day before):
  address 1300B in PROMCOPY changed from template value 10 to actual 1.
*****
    
```

 GOME Daily Reports Analysis 22 Dec 2002

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Station ID          07:50:55.410 07:52:04.420 00:01:09.010 KS 40112
                   09:32:45.530 09:33:56.030 00:01:10.500 KS 40113
                   11:12:31.130 11:13:32.630 00:01:01.500 KS 40114
                   12:50:49.720 12:52:07.720 00:01:18.000 KS 40115
                   14:28:32.300 14:29:42.810 00:01:10.510 KS 40116
                   16:06:32.890 16:07:32.900 00:01:00.010 KS 40117
                   17:45:24.490 17:46:30.490 00:01:06.000 KS 40118
                   19:24:44.590 19:25:55.100 00:01:10.510 KS 40119

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. 40115
                                     start of sun calibration 12:40:00.67
                                     intensity of sun calibration:
                                     ~17640 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 22 Dec 2002

9062 differences found in RAM1 area
0 differences found in PROMCOPY area
8 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
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