
Summary of Anomalies:

Station Info:

- 1 - MS dump orbit 34110 EGOI small data gap 00:13:03 - 00:14:54
- 2 - EGOI GS,PS dump orbits 34111-113 missing
00:14:54 - 05:24:30, due to a hardware
failure on S-LRDPF at GS - no acquisition
loss, since orbits are being acquired on HDDT)
- 3 - KS dump orbit 34114 EGOI small data gap 07:18:05 - 07:18:58
- 4 - KS dump orbit 34117 EGOI data gap 10:41:21 - 10:58:14
- 5 - KS dump orbit 34119 EGOI small data gap 14:58:14 - 14:59:02
- 6 - KS dump orbit 34123 EGOI many small data gap
 - 20:44:33 20:44:34
 - 20:50:58 20:51:00
 - 20:59:16 20:59:18
 - 21:05:31 21:05:33
 - 21:14:10 21:14:12
 - 21:14:45 21:14:46
 - 21:24:03 21:24:04
 - 21:34:19 21:34:21
 - 21:36:45 21:36:46
 - 21:37:10 21:37:12
 - 21:42:55 21:42:57
 - 21:45:19 21:45:21
 - 21:48:04 21:48:06

Instrument info:

- 7 - Memory Dump (change to the day before):
address 1300B in E2PROMCOPY changed back to template value

 GOME Daily Reports Analysis 29 Oct 2001

```
Station ID            >>-MS dump orbit 34110 EGOI small data gap
                      00:13:03 - 00:14:54
                      -GS,PS dump orbits 34111-113 missing
                      00:14:54 - 05:24:30, due to a hardware
                      failure on S-LRDPF at GS - no acquisition
                      loss, since orbits are being acquired on
                      HDDT)
                      -KS dump orbit 34114 EGOI small data gap
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```

```

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. 34117
                                start of sun calibration 12:10:34.42
                                intensity of sun calibration:
                                ~17900 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 3 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

29 Oct

2001

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8854 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
17FFF	FD	FF

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area