
Summary of Anomalies:

Station info:
 GS dump orbit 34127 EGOI small data gap 04:47:28 - 04:47:47
 KS dump orbit 34133 EGOI small data gap 14:27:34 - 14:28:24
 MS dump orbit 34138 EGOI small data gap 23:11:08 - 23:13:05
 MS dump orbit 34139 EGOI missing, data gap
 23:13:05 (30/10/01) - 00:50:09 (31/10/01)

Instrument info:

EGOI:
 Memory Dump (change to the day before):
 address 1300B in E2PROMCOPY changed from template value 10 to actual 1

 GOME Daily Reports Analysis 30 Oct 2001

Station ID	-GS dump orbit 34127 EGOI small data gap 04:47:28 - 04:47:47 -KS dump orbit 34133 EGOI small data gap 14:27:34 - 14:28:24 -MS dump orbit 34138 EGOI small data gap 23:11:08 - 23:13:05 -MS dump orbit 34139 EGOI missing, data gap 23:13:05 (30/10/01) - 00:50:09 (31/10/01)
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. 34131 start of sun calibration 11:39:00.88 intensity of sun calibration: ~18300 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
780 nm Uncal. Intensity

OK
OK



GOME Memory Dump Check

30 Oct

2001

8862 differences found in RAM1 area

0 differences found in PROMCOPY area

6 differences found in E2PROMCOPY area

Address Actual Template

12FDE 0 FF

12FDF 7 FF

13003 0 1

13007 0 1

1300B 1 10

17FFF FD FF

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area