
Summary of Anomalies:

- 1 - GS dump orbit 33081 EGOI data gap 01:24:08 - 01:53:35
- 2 - GS dump orbit 33082 EGOI small gap 04:42:41 - 04:43:00
- 3 - KS dump orbit 33085 EGOI many small gaps 08:46:32 - 10:04:59

4 - Memory Dump (change to the day before):

address 1300B in E2PROMCOPY changed from template value 10 to actual 1

 GOME Daily Reports Analysis 18 Aug 2001

Station ID >> GS dump orbit 33081 EGOI data gap
 01:24:08 - 01:53:35
 GS dump orbit 33082 EGOI small gap
 04:42:41 - 04:43:00
 KS dump orbit 33085 EGOI many small gaps
 08:46:32 - 10:04:59

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 >>SOT33 performed in dump Orb. 33087
 start of sun calibration 13:10:17.30
 intensity of sun calibration:
 ~17800 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 18 Aug 2001

8896 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