
Summary of Anomalies:

station info

GS dump orbit 42370 EGOI small gaps 23:41:31 - 23:41:37 (28/05/2003)
 23:53:42 - 23:53:48 (28/05/2003)
 00:13:49 - 00:14:16 (29/05/2003)
 00:14:25 - 00:14:37 (29/05/2003)
 00:14:39 - 00:14:42 (29/05/2003)

instrument info

EGOI

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

 GOME Daily Reports Analysis 29 May 2003

Station ID	>>see above
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. 42375 start of sun calibration 13:06:18.45 intensity of sun calibration: ~ 15895 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 29 May 2003

8823 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
1797E  1      0
17FFF  FD     FF
0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area
```