
Summary of Anomalies:

station info

GS dump orbit 41311 EGOI data gap 00:04:36 - 01:40:24
 GS dump orbit 41312 EGOI data gap 01:52:12 - 03:18:33
 GS dump orbit 41325 EGOI data gap 23:33:43(16/03/2003) - 01:10:30 (17/03/2003)

instrument info

EGOI

1 - Memory Dump (change to the day before):
 address 16CD9 in E2PROMCOPY changed from template value 25 to actual 2D
 (first occurrence of a change in this address)

 GOME Daily Reports Analysis 16 Mar 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	-GOME polar viewline GMNNPT35 operated
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. 41317 start of sun calibration 11:58:03.74 intensity of sun calibration: ~16980 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 16 Mar 2003

8903 differences found in RAM1 area
 0 differences found in PROMCOPY area
 7 differences found in E2PROMCOPY area
 Address Actual Template

12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
16CD9	2D	25
17FFF	FD	FF

0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area