
Summary of Anomalies:

station info

OK

instrument info

EGOI

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

address 139C9 changed from template value FF to actual BF

(first occurrence of a change in this address)

address 1300B changed from template value 10 to actual 1

GOME Daily Reports Analysis

20 Mar

2003

Station ID OK

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 GMNPT35 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. 41375
start of sun calibration 13:12:20.67
intensity of sun calibration:
~17040 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

20 Mar

2003

8865 differences found in RAM1 area

0 differences found in PROMCOPY area

8 differences found in E2PROMCOPY area

Address Actual Template

12FDE 0 FF

12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
139C9	BF	FF
16CD9	2D	25
17FFF	FD	FF

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area