



Monthly Calibration mode from ~13:30 - ~22:00 (Orb.39772-76 at KS)

(please note that all lamp sequences went into Lamp Failures)

Summary of Anomalies:

station info

KS dump orbit 39775 EGOI small gap 18:37:57 - 18:39:14

instrument info

EGOI

1 - LAMP FAILURES no 68-87 occurred during monthly calibration sequence

(orbits 39772-76) ~13:30- ~22:00

all lamp sequences went into Lamp Failures, after 10-12 sec, reaching each only a value of ~181V

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

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

GOME Daily Reports Analysis

28 Nov

2002

Station ID KS dump orbit 39775 EGOI small gap 18:37:57 - 18:39:14

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. 39771
start of sun calibration 11:58:26.63
intensity of sun calibration:
~17610 BU ->PMD2 readouts analysed with ERGO;
(note: due to seasonal effects nominal values
range between ~16000 - ~19000 BU
- Lamp Failures see above

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

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8855 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