
Summary of Anomalies:

- EGOI
- 1 -!!!LAMP FAILURE no 45 occurred, dump Orb. 33243 KS
 Calibration Lamp was on: 10:44:53 - 10:45:02
 Lamp Failure flag was set: 10:45:02 - 10:46:45
 lamp voltage reached only
 a value of ~183 V (nominal is ~197 V)
 - 2 - anomalous long science dump at KS, dump orbit 33249,
 20:16:16 - 20:30:38 , no data processing possible
 - 3 - Memory Dump (change to the day before):
 address 1300B in E2PROMCOPY changed from template value 10 to actual 1
- *****

 GOME Daily Reports Analysis 29 Aug 2001

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	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. 33243 start of sun calibration 10:40:53.430 intensity of sun calibration: ~17800 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU)
	LAMP FAILURE no 45 occurred, dump Orb. 33243 KS
	anomalous long science dump at KS, dump orbit 33249, 20:16:16 - 20:30:38 , no data processing possible
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

29 Aug

2001

8878 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