
Summary of Anomalies:

- 1 - !!! Lamp Failure no 19 occurred, dump Orb. 26273
 Calibration Lamp was on: 12:30:37 - 12:30:50
 Lamp Failure flag was set: 12:30:50 - 12:32:32
 lamp voltage decreased suddenly from ~197 to a value of ~159V
 (nominal would be ~197V)

- 2 - anomalous long science dump at KS,
 dump Orb. 26279, 22:02:06 - 22:16:28
 no data processing possible

- 3 - Memory Dump (change to the day before):
 address 1784A changed from template value 0 actual value 10 in
 E2PROMCOPY (first occurrence of a change in this address)

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 view timeline GMNNPT36 operated as planned (between 04/04/2000 - 05/05/2000)
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	!!! Lamp Failure no 19 occurred, dump Orb. 26273 Calibration Lamp was on: 12:30:37 - 12:30:50 Lamp Failure flag was set: 12:30:50 - 12:32:32 lamp voltage decreased suddenly from ~197 to a value of ~159V (nominal would be ~197V)
	anomalous long science dump at KS, dump Orb. 26279, 22:02:06 - 22:16:28 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 Apr

2000

8948 differences found in RAM1 area

0 differences found in PROMCOPY area

8 differences found in E2PROMCOPY area

Address Actual Template

1031E 4F 4D

12FDE 0 FF

12FDF 7 FF

13003 0 1

13007 0 1

1300B 1 10

1784A 10 0

17FFF FD FF

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area