
Summary of Anomalies:

- 1 - !!!LAMP FAILURE no 38 occurred, dump Orb. 32099 KS
 Calibration Lamp was on: 12:36:24 - 12:36:36
 Lamp Failure flag was set: 12:36:36 - 12:38:18
 lamp voltage dropped suddenly from a value of ~200 V to
 a value of ~160 V (nominal is ~197 V)

- 2 - SOT33 performed in dump Orb. 32099
 start of sun calibration 12:32:24.39
 intensity of sun calibration:
 ~14500 BU ->PMD2 readouts analysed with ERGO;
 (nominal values are ~18000 -19000 BU)
 --->intensity anomalous low !

- 3 - Memory Dump (change to the day before):
 -address 11267 in E2PROMCOPY changed from template value 52 to actual
 value 42 (first occurrence of a change in this address)
 - address 1300B in E2PROMCOPY changed from template value 10 to actual 1

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. 32099 start of sun calibration 12:32:24.39 intensity of sun calibration: ~14500 BU ->PMD2 readouts analysed with ERGO; (nominal values are ~18000 -19000 BU) --->intensity anomalous low !

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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

10 Jun

2001

8872 differences found in RAM1 area

0 differences found in PROMCOPY area

7 differences found in E2PROMCOPY area

Address Actual Template

10F45 E7 A7

11267 42 52

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