
Summary of Anomalies:

- 1 - !!!LAMP FAILURE no 33 occurred, dump Orb. 30925:
 Calibration Lamp was on: 12:20:44 - 12:20:54
 Lamp Failure flag was set: 12:20:54 - 12:22:35
 lamp voltage reached only a value of ~160 V
 (nominal would be ~197 V)

- 2 - KS, dump Orb. 30926,EGOI small gap
 13:35:43 - 13:35:53

- 3 - KS, dump Orb. 30926,EGOI corrupted product
 13:35:41

- 4 - SOT33 performed in dump Orb. 30925
 start of sun calibration 12:16:44.28
 intensity of sun calibration
 (~18700 BU ->PMD2 readouts analysed with ERGO;
 nominally values are ~19000 - ~20000 BU)

- 5 - Memory Dump (change to the day before):
 address 1300B in E2PROMCOPY changed back to template value 10

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Station ID                    >>KS, dump Orb. 30926,EGOI small gap
                              13:35:43 - 13:35:53
MPH Product Confidence        OK
SPH Window Information        OK
Command Word Echo Summary    OK
Instrument Status 1A           >>wrong flag setting (FPA Latch_up and
                              RTM Latch-Up) due to a corrupted
                              product at KS, dump Orb 30926, 13:35:41
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 OK
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
  
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GOME Memory Dump Check

20 Mar

2001

8923 differences found in RAM1 area

0 differences found in PROMCOPY area

4 differences found in E2PROMCOPY area

Address Actual Template

12FDE 0 FF

12FDF 7 FF

13003 0 1

13007 0 1

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area