
 Monthly Calibration from ~01:00 - ~21:30 (Orb.33230-4 at KS)

 Summary of Anomalies:

1 - !!! Lamp Failure no 44 occurred !!!
 Lamp Failure set in one orbit during monthly calibration sequence,
 calibration lamp voltage reached a value of 182.2 V
 (dump Orbit 33235) instead of nominally ~196 V,
 lampcal was performed 20:47:12 - 20:47:22
 lamp failure flag set 20:47:24 - 21:05:59

2 - calibration lamp instability
 dump orbit 33231
 current: 1 prd. 7.7 mA (nom.=~9.8mA)

 dump orbit 33232
 current: 1 prd. 14.9 mA (nom.=~9.8mA)

 dump orbit 33233
 voltage: 1 prd. 262.1 V (nom =~197 V)
 current: 1 prd. 10.9 mA (nom.=~9.8mA)

 voltage: 1 prd. 264.1 V (nom =~197 V)
 current: 1 prd. 1.9 mA (nom.=~9.8mA)

3 - Memory Dump (change to the day before):
 Address 1300B in E2PROMCOPY changed back to template value

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. 33229 start of sun calibration 11:12:20 intensity of sun calibration: ~ 18000 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU) calibration lamp instability 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 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

28 Aug

2001

8895 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