



 Monthly Calibration mode from ~15:00 - ~23:10 (Orb.40646-51 at KS/MS)
 (NO occurrence of Lamp Failures)

Summary of Anomalies:

station info
 OK

instrument info

EGOI
 1 - calibration lamp instability:
 dump orbit 40646-51
 voltage: all values of lamp ignition (1 product) are ~6V - 7V higher than
 nominal values (nom =~197 V);
 otherwise nominal behaviour of voltage (i.e. no decrease
 during calibration lamp sequences)

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

 GOME Daily Reports Analysis 28 Jan 2003

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	>> Solar calibration performed in dump Orb. 40645 start of sun calibration 13:20:52.91 intensity of sun calibration: ~17180 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values	
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 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 Jan

2003

8905 differences found in RAM1 area

0 differences found in PROMCOPY area

34 differences found in E2PROMCOPY area

Address Actual Template

10040	7F	47
10041	C0	C7
10042	A3	E0
10043	D	2
10044	B4	C7
10045	44	10
10046	44	FA
10047	B0	46
10048	A5	0
10049	3E	2C
1004A	A4	46
1004B	51	C7
1004C	C0	0
1004D	7F	FC
1004E	D	C4
1004F	A3	0
10050	44	FA
10051	B4	5E
10052	B0	C7
10053	44	26
10054	3E	0
10055	A5	7
10056	51	26
10057	A4	0
10058	51	47
10059	1	C7
1005A	3E	E0
1005B	A4	2
1005C	28	C7
1005D	A5	10
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