

\*\*\*\*\*

Summary of Anomalies:

instrument info

EGOI

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

\*\*\*\*\*

-----  
 GOME Daily Reports Analysis            12 Jan            2002  
 -----

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. 35191 start of sun calibration 12:55:53.48 intensity of sun calibration: ~18350 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU)
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            12 Jan            2002  
 -----

8950 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	CE	0
10049	6A	2C
1004A	16	46
1004B	64	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	6A	0
10055	CE	7
10056	64	26
10057	16	0
10058	64	47
10059	1	C7
1005A	6A	E0
1005B	16	2
1005C	3A	C7
1005D	CE	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