

\*\*\*\*\*

Summary of Anomalies:

- 1 - EGOI dump orbit 33290 16:41:41 - 17:37:28 data gaps
- 2 - LAMP FAILURE no 47 occurred, dump Orb. 33287 KS  
 Calibration Lamp was on: 12:31:32 - 12:31:42  
 Lamp Failure flag was set: 12:31:42 - 12:33:23  
 lamp voltage reached only a value of ~183 V (nominal is ~197 V)
- 3 - Memory Dump (change to the day before):  
 address 14478 in E2PROMCOPY changed from template value FF to actual 7F

\*\*\*\*\*

-----  
 GOME Daily Reports Analysis            01 Sep            2001  
 -----

Station ID	EGOI dump orbit 33290 16:41:41 - 17:37:28 data gaps
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	>> LAMP FAILURE no 47 occurred, dump orb. 33287
	SOT33 performed in dump Orb. 33287 start of sun calibration 12:27:32 intensity of sun calibration: ~18000 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 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            01 Sep            2001  
 -----

-----  
8901 differences found in RAM1 area  
0 differences found in PROMCOPY area  
6 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
14478	7F	FF

0 differences found in E2PROM area  
0 differences found in RAM2 area  
0 differences found in PROM area