

\*\*\*\*\*

Summary of Anomalies:

station info

KS dump orbit 40531 EGOI many small gaps 13:26:54 - 14:17:21

instrument info

EGOI

1 - Memory Dump (change to the day before):  
 address 1300B in E2PROMCOPY changed from template value 10 to actual 1

2 - anomalous long science dump at KS dump orbit 40532,  
 15:25:36 - 15:39:59, no data processing possible

\*\*\*\*\*

-----  
 GOME Daily Reports Analysis                    20 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. 40529 start of sun calibration 10:52:03.63 intensity of sun calibration: ~17545 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU)	
	anomalous long science dump at KS dump orbit 40532 15:25:36 15:39:59, no data processing possible	
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                    20 Jan                    2003  
 -----

-----  
8871 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
17FFF	FD	FF

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