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Summary of Anomalies:

EGOI  
 instrument info  
 1 - anomalous long science dump at KS, d.orb 35734,  
 10:49:38 - 11:04:00, no data processing possible  
 2 - Memory Dump (change to the day before):  
 address 1300B in E2PROMCOPY changed back to template value  
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 GOME Daily Reports Analysis                    19 Feb                    2002  
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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. 35735 start of sun calibration 12:58:25.65 intensity of sun calibration: ~17960 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU	
	anomalous long science dump at KS, d.Orb 35734,10:49:38 - 11:04:00, 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	

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 GOME Memory Dump Check                    19 Feb                    2002  
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8866 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