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Summary of Anomalies:

station info  
OK

instrument info

EGOI  
1 - Memory Dump (change to the day before):  
- address 1401E changed from template value FF to actual FD  
  (a change in this address occurred only once before day 02/03/1999)  
- address 1300B changed from template value 10 to actual 1  
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GOME Daily Reports Analysis           12 Jan           2003  
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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. 40415 start of sun calibration 11:44:14.36 intensity of sun calibration: ~17440 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	

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GOME Memory Dump Check           12 Jan           2003  
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8970 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
1401E FD FF
0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area
```