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Summary of Anomalies:

instrument info

EGOI  
 1 - Memory Dump (change to the day before):  
 address 1300B in E2PROMCOPY changed from template value 10 to actual 1  
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 GOME Daily Reports Analysis      20 Jun                      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<br>in dump Orb. 37467<br>start of sun calibration 12:45:40.06<br>intensity of sun calibration:<br>~16620 BU ->PMD2 readouts analysed with ERGO;<br>(note: due to seasonal effects nominal values<br>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                      20 Jun                      2002  
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8844 differences found in RAM1 area  
 0 differences found in PROMCOPY area  
 5 differences found in E2PROMCOPY area

| Address | Actual | Template |
|---------|--------|----------|
| 12FDE   | 0      | FF       |
| 12FDF   | 7      | FF       |
| 13003   | 0      | 1        |
| 13007   | 0      | 1        |
| 1300B   | 1      | 10       |

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