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Summary of Anomalies:

station info  
 GS dump orbit 42141 EGOI few small gaps 23:58:06 - 23:58:16  
                                   00:05:21 - 00:05:24  
                                   00:05:25 - 00:05:31  
                                   01:05:12 - 01:05:14  
                                   01:26:50 - 01:26:51  
                                   01:27:21 - 01:27:23  
                                   01:29:32 - 01:29:33

instrument info

EGOI 1 OK

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 GOME Daily Reports Analysis      13 May                      2003  
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|                                  |   |
|----------------------------------|---|
| Station ID                       | see above   |
| 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. 42147<br>start of sun calibration 11:29:29.81<br>intensity of sun calibration:<br>~ 16150 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                      13 May                      2003  
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8874 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
1646F   10         0
        0 differences found in E2PROM area
        0 differences found in RAM2 area
        0 differences found in PROM area
```