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Summary of Anomalies:

- 1 - GS dump orbit 33495 EGOI small data gap  
01:01:50 01:03:03  
01:12:20 01:12:39
- 2 - GS dump orbit 33496 EGOI small data gap  
02:53:04 02:53:23
- 3 - KS dump orbit 33503 EGOI small data gap  
14:11:20 14:12:09

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GOME Daily Reports Analysis                    16 Sep                    2001  
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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
                                  in dump Orb. 33501
                                  start of sun calibration 11:17:11.72
                                  intensity of sun calibration:
                                  ~18000 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 3 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                    16 Sep                    2001  
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8830 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