
Summary of Anomalies:

- 1 - dump orbit KS 31743, EGOI corrupted product at 15:31:56.250
- 2 - dump orbits KS 31739, 31744, EGOI Anomalous long science dumps at
 08:29:56.690-08:44:19.270
 16:52:53.750-17:07:16.340
 no data processing possible

3 - Memory Dump (change to the day before):

A change of the following address contents has occurred:

| Address | Actual | Template |
|---------|--------|----------|
| 10040 | 7F | 47 |
| 10041 | C0 | C7 |
| 10042 | A3 | E0 |
| 10043 | D | 2 |
| 10044 | B4 | C7 |
| 10045 | 44 | 10 |
| 10046 | 44 | FA |
| 10047 | B0 | 46 |
| 10048 | 97 | 0 |
| 10049 | 78 | 2C |
| 1004A | BF | 46 |
| 1004B | 60 | C7 |
| 1004C | C0 | 0 |
| 1004D | 7F | FC |
| 1004E | D | C4 |
| 1004F | A3 | 0 |
| 10050 | 44 | FA |
| 10051 | B4 | 5E |
| 10052 | B0 | C7 |
| 10053 | 44 | 26 |
| 10054 | 78 | 0 |
| 10055 | 97 | 7 |
| 10056 | 60 | 26 |
| 10057 | BF | 0 |
| 10058 | 60 | 47 |
| 10059 | 1 | C7 |
| 1005A | 78 | E0 |
| 1005B | BF | 2 |
| 1005C | 21 | C7 |
| 1005D | 97 | 10 |
| 1300B | 1 | 10 |

| 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 | corrupted product at KS 31743 16-MAY-2001 15:31:56.250 |
| Polarisation Detectors | OK |
| FPA Temperatures A | OK |
| FPA Temperatures B | OK |

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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 Anomalous long science dump
                                08:29:56.690-08:44:19.270 KS 31739
                                16:52:53.750-17:07:16.340 KS 31744

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

2001

GOME Daily Dump Check of processing day 010516

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8913 differences found in RAM1 area
 0 differences found in PROMCOPY area
35 differences found in E2PROMCOPY area

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| Address | Actual | Template |
|---------|--------|----------|
| 10040 | 7F | 47 |
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| 10043 | D | 2 |
| 10044 | B4 | C7 |
| 10045 | 44 | 10 |
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| 10047 | B0 | 46 |
| 10048 | 97 | 0 |
| 10049 | 78 | 2C |
| 1004A | BF | 46 |
| 1004B | 60 | C7 |
| 1004C | C0 | 0 |
| 1004D | 7F | FC |
| 1004E | D | C4 |
| 1004F | A3 | 0 |
| 10050 | 44 | FA |
| 10051 | B4 | 5E |
| 10052 | B0 | C7 |
| 10053 | 44 | 26 |
| 10054 | 78 | 0 |
| 10055 | 97 | 7 |
| 10056 | 60 | 26 |
| 10057 | BF | 0 |
| 10058 | 60 | 47 |
| 10059 | 1 | C7 |
| 1005A | 78 | E0 |
| 1005B | BF | 2 |
| 1005C | 21 | C7 |
| 1005D | 97 | 10 |
| 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