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Summary of Anomalies:

station info  
 KS dump orbit 36428 EGOI small data gap 22:31:01 - 22:32:38

instrument info  
 EGOI  
 1 - anomalous long science dump at KS, dump orbit 36419,  
 07:14:29 - 07:28:51, no data processing possible

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 GOME Daily Reports Analysis                    08 Apr                    2002  
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|                                  |   |
|----------------------------------|---|
| Station ID                       | KS dump orbit 36428 EGOI small data gap 22:31:01 - 22:32:38   |
| 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             | -GOME polar viewline GMNPT36 operated   |
| 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. 36421<br>start of sun calibration 11:03:41.16<br>intensity of sun calibration:<br>~17660 BU ->PMD2 readouts analysed with ERGO;<br>(note: due to seasonal effects nominal values<br>range between ~16000 - ~19000 BU<br>-anomalous long science dump at KS, dump<br>orbit 36419, 07:14:29 - 07:28:51, no data<br>processing possible |
| 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                    08 Apr                    2002  
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8858 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