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Summary of Anomalies:

- 1 - KS, dump Orb. 31957 EGOI  
     7 small gaps 14:29:53 - 14:33:09
- 2 - KS, dump Orb. 31959, small gap  
     17:59:31 - 18:00:48
- 3 - KS, dump Orb. 31957 EGOI, corrupted products,  
     14:29:57, 14:30:06
- 4 - calibration lamp instability dump Orb.31955  
     current: 1 prd. ~13.7mA (nom.=~9.8mA)

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|----------------------------------|---|
| Station ID                       | >>KS, dump Orb. 31957 EGOI<br>7 small gaps 14:29:53 - 14:33:09<br>KS, dump Orb. 31959, small gap<br>17:59:31 - 18:00:48   |
| 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        | >>KS, dump Orb. 31957 EGOI, corrupted<br>product, 14:30:06  |
| 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               | >>KS, dump Orb. 31957 EGOI, corrupted<br>product, 14:29:57  |
| 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 | >> SOT33 performed in dump Orb. 31955<br>start of sun calibration 11:06:38.35<br>intensity of sun calibration<br>(~18000 BU ->PMD2 readouts analysed with ERGO;<br>nominally values are ~18000 -19000 BU)<br><br>calibration lamp instability dump Orb.31955<br>current: 1 prd. ~13.7mA (nom.=~9.8mA) |
| 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

31 May

2001  
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8904 differences found in RAM1 area

0 differences found in PROMCOPY area

6 differences found in E2PROMCOPY area

Address Actual Template

10F45 E7 A7

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