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Summary of Anomalies:

- 1 - KS dump orbit 33255 EGOI small data gap 07:03:48 - 07:04:26
- 2 - KS dump orbit 33262 EGOI small data gap 18:38:34 - 18:39:51

EGOI

- 3 - LAMP FAILURE no 46 occurred, dump Orb. 33257 KS  
 Calibration Lamp was on: 10:13:19 - 10:13:31  
 Lamp Failure flag was set: 10:13:31 - 10:15:19  
 lamp voltage reached only  
 a value of ~183 V (nominal is ~197 V)

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 GOME Daily Reports Analysis            30 Aug            2001  
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Station ID                            >> KS dump orbit 33255 EGOI  
     small data gap 07:03:48 - 07:04:26  
     KS dump orbit 33262 EGOI small  
     data gap 18:38:34 - 18:39:51

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   >> LAMP FAILURE no 46 occurred,  
     dump Orb. 33257 KS

SOT33 performed in dump Orb. 33257  
 start of sun calibration 10:09:19.91  
 intensity of sun calibration:  
 ~17800 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

30 Aug

2001  
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8889 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