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Summary of Anomalies:

station info

KS dump orbit 34386 EGOI small data gap 06:23:12 - 06:24:00

KS dump orbit 34391 EGOI small data gap 15:00:45 - 15:01:33

instrument info

EGOI

1 - due to the LEONIDS storm the IDHT has been turned in standby  
no EGOI data since 17:16:46 until day 19/11/2001 ~12:00:00  
(see unavailability fax ER2-UNA-2001/034)

2 - Memory Dump (change to the latest available data day 14/11/2001):  
address 10F95 changed from template value C4 to actual C6  
(first occurrence of a change in this address)

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GOME Daily Reports Analysis      17 Nov                      2001  
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Station ID                      >>-KS dump orbit 34386 EGOI small data gap 06:23:12 - 06:24:00  
                                  -KS dump orbit 34391 EGOI small data gap 15:00:45 - 15:01:33  
                                  -due to the LEONIDS storm the IDHT has been turned in standby  
                                  no EGOI data since 17:16:46 until 19/11/2001 ~12:00:00

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. 34389 start of sun calibration 12:14:44.800 intensity of sun calibration: ~18540 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

17 Nov

2001  
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8844 differences found in RAM1 area

0 differences found in PROMCOPY area

6 differences found in E2PROMCOPY area

Address Actual Template

10F95 C6 C4

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