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Summary of Anomalies:

station info

OK

instrument info

EGOI 1 - LAMP FAILURES no 92 --> 97 occurred during 11 March 2004

sequences:

- orbit 46481: Lamp Failure stop 06:00:59  
(start time cannot be analysed due to data are available only at visibility of groundstation)
- orbit 46482: Lamp Failure 07:54:03 - 08:03:48  
voltage decreased suddenly from ~200 - 180 V
- orbit 46486: Lamp Failure 14:36:29 - 14:46:10  
voltage decreased suddenly from ~207 - 200 V
- orbit 46488: Lamp Failure 17:57:39 - 18:07:20  
voltage decreased suddenly from ~212 - 201 V
- orbit 46489: Lamp Failure stop 19:25:43  
(start time cannot be analysed due to data are available only at visibility of groundstation)
- orbit 46491: Lamp Failure stop 22:46:53  
(start time cannot be analysed due to data are available only at visibility of groundstation)

2 - calibration lamp instability during calibration orbit 46484  
sudden decrease of voltage from ~198 - 183 V

3 - complete solar calibration measurements available  
start time 16:14:30, orbit 46487 (7th KS orbit),  
(increase of intensity of PMD readouts during available  
solar calibration measurements data:  
16449 BU ->PMD2 readouts analysed with ERGO.

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GOME Daily Reports Analysis

2004  
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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	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 and Lamp instability (see above)
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

2004  
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no data received