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 Monthly Calibration mode from ~21:30 (28/07/2004) - ~04:15 (29/07/2004)  
 (Orb.48480-48484 )  
 (please note that Lamp Failures occurred in orbits 48480 - 48483)  
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 Summary of Anomalies:

station info  
 MA orbit 48488 EGOI data missing 11:22:31 - 11:30:54  
 GS orbit 48491 EGOI data missing 16:21:39 - 16:35:25  
 MA orbit 48493 EGOI data missing 19:21:42 - 19:30:34  
 MA orbit 48495 EGOI data missing 22:42:26 - 22:47:40  
 MA orbit 48494 EGOI data gap 20:57:07 - 21:04:06

instrument info  
 EGOI

- 1 - LAMP FAILURES no 128 - 131 occurred during monthly calibration sequences
  - orbit 48482: lamp sequences went into Lamp Failures,
    - 128: (data of lamp ignition not available)
    - 129: after 10-12 sec at 01:05:20, reaching only a voltage of 180V
  - orbit 48483: lamp sequences went into Lamp Failures,
    - 130: (data of lamp ignition not available)
    - 131: after 10-12 sec at 02:45:58, reaching only a voltage of 180V
  - orbit 48484: calibration lamp instability
    - voltage during calibration sequence (04:13:08 - 04:14:03)
    - only at 181V, but no Lamp Failure occurred,
    - (data of lamp ignition not available)
- 2 - complete solar calibration measurements available
  - start time 19:29:30.31 , orbit 48493 (8th KS orbit),
  - (increase of intensity of PMD readouts during available solar calibration measurements data:
  - 15677 BU ->PMD2 readouts analysed with ERGO.

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 GOME Daily Reports Analysis            29 Jul            2004  
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Station ID	see above
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	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