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Quarterly Calibration mode continued until orbit 52406)  
(Orb. 52402-52406 )

(please note that Lamp Failures occurred during quarterly  
calibration measurements , two sequences without lamp failure)

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Summary of Anomalies:

station info

MA orbit 52408 EGOI data missing 07:52:55 - 07:59:48

MA orbit 52415 EGOI data missing 19:11:09 - 19:18:51

MA orbit 52417 EGOI data missing 22:29:42 - 22:37:10

instrument info

EGOI

- 1 - LAMP FAILURE no 150-153 occurred during monthly calibration sequence
  - orbit 52403:lamp sequence went into Lamp Failures,  
150: after 10-12 sec at 00:40:37, the voltage dropped down to 180V
  - orbit 52404:lamp sequence went into Lamp Failures,  
151: before 02:17:39 (start of sequence not available),  
the voltage dropped down to 180V
  - orbit 52405:lamp sequence went into Lamp Failures,  
152: before 04:01:21 (start of sequence not available),  
the voltage dropped down to 180V
  - orbit 52406:lamp sequence went into Lamp Failures,  
153: before 05:43:48 (start of sequence not available),  
the voltage dropped down to 180V

sequences without Lamp Failure (day 28/04/2005)

- orbit 52402, 21:33:48 - 21:39:10  
(but Lamp voltage dropped down suddenly at 21:34:16 to 180 V  
instead of nominal staying at 198 V)
- orbit 52403, starting at 22:55:06, but voltage only at 180 V

2 - complete solar calibration measurements available

- start time 19:19:12.49 , orbit 52415 (8th KS orbit),  
(increase of intensity of PMD readouts during available  
solar calibration measurements data:  
15656 BU ->PMD2 readouts analysed with ERGO.

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GOME Daily Reports Analysis                      29 Apr                      2005  
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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	OK
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