
 Quarterly Calibration mode started ~20:30 holding on until end of day)
 (Orb. 53704-53706)
 (please note that Lamp Failures occurred during quarterly
 calibration measurements , one sequence without lamp failure)

Summary of Anomalies:

station info
 BE orbit 53699 EGOI data missing 12:01:44.745 - 12:07:03
 MI orbit 53701 EGOI data missing 15:47:46.648 - 16:01:05
 MI orbit 53702 EGOI data missing 17:28:57.431 - 17:37:24
 MA orbit 53703 EGOI data missing 18:44:46.000 - 18:48:51
 PS orbit 53704 EGOI data missing 20:40:21.472 - 20:49:38
 MA orbit 53705 EGOI data missing 21:58:48.603 - 22:09:54
 MS orbit 53699 EGOI data gap 12:36:56.109 - 12:38:13
 BE orbit 53693 EGOI data gap 02:19:21.769 - 02:27:26

instrument info

EGOI
 1 - LAMP FAILURE no 154 occurred during quarterly calibration
 sequence
 orbit 53705: lamp sequence went into Lamp Failure,
 154: lamp failure 21:56:50 - 22:00:23 (start time cannot be
 analysed as not inside ground station visibility)
 155: after 10-12 sec at 22:12:55, the voltage reached only a
 value of 180V(instead of nominal ca. 197 V)
 orbit 53706: lamp sequence went into Lamp Failure,
 156: measurements from begin of lamp sequence not available
 as not at visibility of ground station
 Lamp Failure ended 23:41:00 (start before 23:34:33)

 sequence without Lamp Failure
 orbit 53704, 20:32:07 - 20:39:26
 (but Lamp voltage dropped down suddenly at 20:32:45 to 180 V
 instead of nominal staying at 198 V)

 2 - complete solar calibration measurements available
 start time 18:49:05.841 , orbit 53703 (8 th KS orbit),
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 15360 BU ->PMD2 readouts analysed with ERGO.

 GOME Daily Reports Analysis 28 Jul 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 |

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|----------------------------------|----|
| 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 |