
Quarterly Calibration mode between ~13:00 - 22:00

(Orb. 61558 - 61563)

(please note that Lamp Failures occurred during quarterly calibration measurements, 3 good measurements)

Summary of Anomalies:

station info

no data from GS available due to a dissemination problem at ESRIN

BE orbit 61551 EGOI data missing 28-JAN-2007 01:26:52.107 - 28-JAN-2007 01:35:37.541	525.43400 [sec]
GS orbit 61551 EGOI data missing 28-JAN-2007 01:02:03.322 - 28-JAN-2007 01:11:59.807	596.48500 [sec]
MM orbit 61552 EGOI data missing 28-JAN-2007 03:42:55.681 - 28-JAN-2007 03:49:50.684	415.00300 [sec]
GS orbit 61552 EGOI data missing 28-JAN-2007 02:38:34.123 - 28-JAN-2007 02:52:26.426	832.30300 [sec]
BE orbit 61553 EGOI data missing 28-JAN-2007 04:45:15.024 - 28-JAN-2007 04:54:25.652	550.62800 [sec]
MM orbit 61553 EGOI data missing 28-JAN-2007 05:25:41.631 - 28-JAN-2007 05:31:28.371	346.74000 [sec]
GS orbit 61553 EGOI data missing 28-JAN-2007 04:19:45.923 - 28-JAN-2007 04:31:03.993	678.07000 [sec]
PS orbit 61554 EGOI data missing 28-JAN-2007 06:02:00.378 - 28-JAN-2007 06:14:27.871	747.49300 [sec]
MM orbit 61556 EGOI data missing 28-JAN-2007 10:27:59.717 - 28-JAN-2007 10:39:24.871	685.15400 [sec]
MA orbit 61557 EGOI data missing 28-JAN-2007 11:28:24.908 - 28-JAN-2007 11:36:24.444	479.53600 [sec]
BE orbit 61558 EGOI data missing 28-JAN-2007 12:43:47.061 - 28-JAN-2007 12:54:20.681	633.62000 [sec]
BE orbit 61559 EGOI data missing 28-JAN-2007 14:21:13.258 - 28-JAN-2007 14:34:34.138	800.88000 [sec]
KS orbit 61559 EGOI data missing 28-JAN-2007 14:36:40.220 - 28-JAN-2007 14:48:14.644	694.42400 [sec]
GS orbit 61559 EGOI data missing 28-JAN-2007 14:48:22.347 - 28-JAN-2007 15:00:39.879	737.53200 [sec]
BE orbit 61560 EGOI data missing 28-JAN-2007 16:05:11.992 - 28-JAN-2007 16:11:05.733	353.74100 [sec]
GS orbit 61560 EGOI data missing 28-JAN-2007 16:27:22.176 - 28-JAN-2007 16:41:01.773	819.59700 [sec]
MM orbit 61561 EGOI data missing 28-JAN-2007 18:45:40.528 - 28-JAN-2007 18:58:16.889	756.36100 [sec]
GS orbit 61561 EGOI data missing 28-JAN-2007 18:08:09.433 - 28-JAN-2007 18:16:43.411	513.97800 [sec]
MA orbit 61562 EGOI data missing 28-JAN-2007 19:27:03.324 - 28-JAN-2007 19:36:24.597	561.27300 [sec]
PS orbit 61562 EGOI data missing 28-JAN-2007 19:45:53.744 - 28-JAN-2007 19:57:53.834	720.09000 [sec]
MA orbit 61563 EGOI data missing 28-JAN-2007 21:03:00.735 - 28-JAN-2007 21:16:26.899	806.16400 [sec]
MM orbit 61558 EGOI corrupted product 13:46:36	

instrument info

EGOI

EGOI 1 - LAMP FAILURES occurred during quarterly calibration sequence:(5 visible)

orbit 61558

13:06:11 - 13:15:55

13:49:12 - 13:58:54

orbit 61559

start before 14:53 (no visibility groundstation) - stop 14:56:32

orbit 61560

15:56:15 - stop after 16:04:23 (no visibility groundstation)

orbit 61561

start before 17:52 (no visibility groundstation) - stop 17:55:28

Calibration lamp instabilities:

orbit 61559

lampcal mode start 14:15:22 stop after 14:23:00 (no visibility gs)

voltage alternating between 198 V and 180 V (mainly at 180 V)

lampcal mode start 15:29:38 stop 15:39:29

voltage mainly at 180 V (decrease from 198V short after ignition)

orbit 61560

lampcal mode start before 16:32:23 (no visibility gs) stop 16:37:07

voltage at 182 V instead of nominally 198V

lampcal mode start 17:10:08 stop after 17:19:59 (no visibility gs)

voltage decreased to 180 V shortly after lamp ignition

GOOD Lamp cal measurements, no instability

orbit 61562

lampcal mode start before 19:30:14 (no visibility gs) stop 19:36:05

voltage at 198V

lampcal mode start 20:27:19 stop after 20:38:38 (no visibility gs)

voltage at 198V

orbit 61563

lampcal mode start before 21:10:23 (no visibility gs) stop 21:16:40

voltage at 198

2 - complete solar calibration measurements available
start time 11:23:06.800, orbit 61557 (3rd KS orbit),
(increase of intensity of PMD readouts during available
solar calibration measurements data:
15943 BU ->PMD2 readouts analysed with ERGO.

GOME Daily Reports Analysis 28 Jan 2007

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