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 Quarterly Calibration mode between ~21:00 (holding on until end of day)  
 (Orb. 64154-64155 )  
 (please note that Lamp Failures occurred during quarterly  
 calibration measurements)  
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 Summary of Anomalies:  
 station info

HO orbit 64141	EGOI data missing	28-JUL-2007 00:17:43.764	-	28-JUL-2007 00:32:21.924	878.16000	[sec]
MM orbit 64141	EGOI data missing	28-JUL-2007 00:29:18.001	-	28-JUL-2007 00:40:20.537	662.53600	[sec]
HO orbit 64142	EGOI data missing	28-JUL-2007 02:01:23.658	-	28-JUL-2007 02:09:30.568	486.91000	[sec]
SG orbit 64143	EGOI data missing	28-JUL-2007 03:26:54.316	-	28-JUL-2007 03:40:47.486	833.17000	[sec]
BE orbit 64144	EGOI data missing	28-JUL-2007 04:57:01.574	-	28-JUL-2007 05:04:59.164	477.59000	[sec]
MM orbit 64146	EGOI data missing	28-JUL-2007 08:59:13.566	-	28-JUL-2007 09:09:01.769	588.20300	[sec]
MA orbit 64146	EGOI data missing	28-JUL-2007 08:20:07.082	-	28-JUL-2007 08:31:15.589	668.50700	[sec]
HO orbit 64148	EGOI data missing	28-JUL-2007 12:28:22.881	-	28-JUL-2007 12:42:52.446	869.56500	[sec]
MA orbit 64148	EGOI data missing	28-JUL-2007 11:40:00.574	-	28-JUL-2007 11:46:53.137	412.56300	[sec]
HO orbit 64149	EGOI data missing	28-JUL-2007 14:07:57.003	-	28-JUL-2007 14:21:12.618	795.61500	[sec]
BE orbit 64150	EGOI data missing	28-JUL-2007 14:32:41.445	-	28-JUL-2007 14:45:52.160	790.71500	[sec]
MM orbit 64150	EGOI data missing	28-JUL-2007 15:38:38.721	-	28-JUL-2007 15:51:15.620	756.89900	[sec]
MI orbit 64150	EGOI data missing	28-JUL-2007 15:05:55.408	-	28-JUL-2007 15:17:36.802	701.39400	[sec]
MI orbit 64151	EGOI data missing	28-JUL-2007 16:44:54.301	-	28-JUL-2007 16:57:08.576	734.27500	[sec]
MM orbit 64152	EGOI data missing	28-JUL-2007 18:57:00.604	-	28-JUL-2007 19:09:38.033	757.42900	[sec]
MA orbit 64153	EGOI data missing	28-JUL-2007 19:36:04.541	-	28-JUL-2007 19:48:01.382	716.84100	[sec]
HO orbit 64154	EGOI data missing	28-JUL-2007 22:09:58.007	-	28-JUL-2007 22:20:56.315	658.30800	[sec]
HO orbit 64155	EGOI data missing	28-JUL-2007 23:46:41.143	-	29-JUL-2007 00:01:06.904	865.76100	[sec]
MI orbit 64144	EGOI data gap	28-JUL-2007 04:33:42.686	-	28-JUL-2007 04:36:54.470	191.78400	[sec]

instrument info

EGOI

1 - LAMP FAILURES occurred during quarterly calibration sequence:(2 visible)

orbit 64154  
 start before 22:15:45 (no visibility gs) - 22:22:13  
 orbit 64155  
 23:09:55 - 23:10:10

Calibration lamp instabilities:

orbit 64154  
 lampcal mode start 21:29:25 stop after 21:36:11 (no visibility gs)  
 voltage at ca. 180 V (nominal would be 198 V)

GOOD CALIBRATION

orbit 64155  
 start before 22:51:48 (no visibility gs) - 22:57:39  
 (voltage stable at 198 V)

one GOOD Lamp cal measurement available

2 - timeline GMNNOT41 executed (usually not planned)  
 Orb. 64150, ~ 14:45 - 16:30 North Polar View Operation

3 - complete solar calibration measurements available  
 start time 19:46:24.164, orbit 64153,  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 14880 BU ->PMD2 readouts analysed with ERGO.

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 GOME Daily Reports Analysis      28 Jul      2007  
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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	>> timeline GMNNOT41 executed Orb. 64150 , ~ 14:45 - 16:30
	North Polar View Operation
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