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Summary of Anomalies:

station info

MM orbit 62423	EGOI data missing	30-MAR-2007 00:00:14.936	-	30-MAR-2007 00:11:43.828	688.89200	[sec]
BE orbit 62424	EGOI data missing	30-MAR-2007 01:11:03.152	-	30-MAR-2007 01:16:51.148	347.99600	[sec]
MM orbit 62430	EGOI data missing	30-MAR-2007 11:50:52.510	-	30-MAR-2007 12:03:11.821	739.31100	[sec]
BE orbit 62431	EGOI data missing	30-MAR-2007 12:27:42.362	-	30-MAR-2007 12:36:50.563	548.20100	[sec]
MM orbit 62431	EGOI data missing	30-MAR-2007 13:30:41.555	-	30-MAR-2007 13:43:24.717	763.16200	[sec]
BE orbit 62432	EGOI data missing	30-MAR-2007 14:04:08.718	-	30-MAR-2007 14:17:33.415	804.69700	[sec]
MM orbit 62432	EGOI data missing	30-MAR-2007 15:10:15.057	-	30-MAR-2007 15:22:54.655	759.59800	[sec]
BE orbit 62433	EGOI data missing	30-MAR-2007 15:46:27.007	-	30-MAR-2007 15:55:15.530	528.52300	[sec]
MM orbit 62433	EGOI data missing	30-MAR-2007 16:49:32.521	-	30-MAR-2007 17:02:04.489	751.96800	[sec]
MM orbit 62434	EGOI data missing	30-MAR-2007 18:28:40.677	-	30-MAR-2007 18:41:15.546	754.86900	[sec]
MM orbit 62435	EGOI data missing	30-MAR-2007 20:07:56.756	-	30-MAR-2007 20:20:40.037	763.28100	[sec]
MA orbit 62435	EGOI data missing	30-MAR-2007 19:11:09.641	-	30-MAR-2007 19:18:51.428	461.78700	[sec]
MM orbit 62436	EGOI data missing	30-MAR-2007 21:47:44.262	-	30-MAR-2007 22:00:21.001	756.73900	[sec]
MA orbit 62436	EGOI data missing	30-MAR-2007 20:45:44.012	-	30-MAR-2007 20:59:26.696	822.68400	[sec]
MM orbit 62437	EGOI data missing	30-MAR-2007 23:28:23.812	-	30-MAR-2007 23:40:16.710	712.89800	[sec]
MA orbit 62437	EGOI data missing	30-MAR-2007 22:29:42.310	-	30-MAR-2007 22:37:10.412	448.10200	[sec]
MM orbit 62429	EGOI data missing	30-MAR-2007 10:10:49.734	-	30-MAR-2007 10:21:59.199	669.46500	[sec]
KS orbit 62428	EGOI data gap	30-MAR-2007 07:42:29.486	-	30-MAR-2007 07:48:17.434	347.94800	[sec]
MA orbit 62428	EGOI data gap	30-MAR-2007 07:54:27.968	-	30-MAR-2007 07:59:48.139	320.17100	[sec]
MI orbit 62433	EGOI data gap	30-MAR-2007 16:24:04.094	-	30-MAR-2007 16:29:23.383	319.28900	[sec]

KS orbit 62434 EGOI corrupted product 17:35:22

instrument info

EGOI

1 - unavailability due to GOME anomaly

(see ER-UNA-2007/008)

start of unavailability 00:21:26 , orbit 62424,

end 09:21, orbit 62429

- no data available due to switch off:

MM orbit 62424	EGOI data missing	01:42:18	-	01:51:57
MS orbit 62424	EGOI data missing	00:37:08	-	00:46:10
GS orbit 62424	EGOI data missing	00:46:03	-	00:54:31
BE orbit 62425	EGOI data missing	02:47:32	-	03:00:53
MM orbit 62425	EGOI data missing	03:25:14	-	03:32:32
MI orbit 62425	EGOI data missing	02:18:31	-	02:28:54
GS orbit 62425	EGOI data missing	02:22:54	-	02:35:20
BE orbit 62426	EGOI data missing	04:27:45	-	04:38:20
MM orbit 62426	EGOI data missing	05:08:09	-	05:13:56
MI orbit 62426	EGOI data missing	03:56:11	-	04:09:09
GS orbit 62426	EGOI data missing	04:02:00	-	04:14:21
MM orbit 62427	EGOI data missing	06:49:50	-	06:56:40
PS orbit 62427	EGOI data missing	05:44:28	-	05:57:33
KS orbit 62427	EGOI data missing	06:03:42	-	06:09:09
MM orbit 62428	EGOI data missing	08:30:32	-	08:39:42

- coolers off, 00:21:26 - 09:24:34

detector temperatures out of range

(max warm up 268.3 K)

- GOME in Idle Mode 07:48 - ~09:21, orbit 62429

- TST 44 started at ~09:21 , orbit 62429 (exact start time cannot be analysed due to limited ground station visibility)

- Lamp Calibration sequence with lamp failure no 205,

Lamp Failure flag set between 09:22:52 - 09:24:33

Lamp sequence started at 09:22:40 but voltage dropped

down to a value of ~180 V instead of nominally ~200 V

- solar calibration mode with warm detectors, however due to

limited ground station visibility solar calibration data are not available

MPS resumed ca. 10:51

2 - complete solar calibration measurements available  
 start time 16:01:00.954, orbit 62433 (6th KS orbit),  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 15462 BU ->PMD2 readouts analysed with ERGO.

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 GOME Daily Reports Analysis      30 Mar                      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	>>GOME North Polar view operated
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