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Summary of Anomalies:

station info

HO orbit 65473	EGOI data missing	29-OCT-2007 01:36:27.760	-	29-OCT-2007 01:47:54.307	686.54700	[sec]
HO orbit 65479	EGOI data missing	29-OCT-2007 12:05:50.948	-	29-OCT-2007 12:19:26.299	815.35100	[sec]
MM orbit 65479	EGOI data missing	29-OCT-2007 11:56:35.126	-	29-OCT-2007 12:08:56.911	741.78500	[sec]
MA orbit 65479	EGOI data missing	29-OCT-2007 11:16:39.217	-	29-OCT-2007 11:25:26.183	526.96600	[sec]
BE orbit 65481	EGOI data missing	29-OCT-2007 14:09:49.226	-	29-OCT-2007 14:23:14.123	804.89700	[sec]
MM orbit 65481	EGOI data missing	29-OCT-2007 15:15:55.897	-	29-OCT-2007 15:28:34.961	759.06400	[sec]
BE orbit 65482	EGOI data missing	29-OCT-2007 15:52:36.326	-	29-OCT-2007 16:00:37.294	480.96800	[sec]
MM orbit 65483	EGOI data missing	29-OCT-2007 18:34:20.599	-	29-OCT-2007 18:46:55.947	755.34800	[sec]
MA orbit 65484	EGOI data missing	29-OCT-2007 19:16:24.877	-	29-OCT-2007 19:24:43.804	498.92700	[sec]
HO orbit 65485	EGOI data missing	29-OCT-2007 21:48:52.712	-	29-OCT-2007 21:57:36.759	524.04700	[sec]
MA orbit 65485	EGOI data missing	29-OCT-2007 20:51:24.558	-	29-OCT-2007 21:05:07.299	822.74100	[sec]
HO orbit 65486	EGOI data missing	29-OCT-2007 23:24:07.227	-	29-OCT-2007 23:38:20.651	853.42400	[sec]
MA orbit 65486	EGOI data missing	29-OCT-2007 22:35:59.227	-	29-OCT-2007 22:42:28.651	389.42400	[sec]
KS orbit 65478	EGOI data gap	29-OCT-2007 09:27:46.087	-	29-OCT-2007 09:36:54.860	548.77300	[sec]
MA orbit 65478	EGOI data gap	29-OCT-2007 09:35:51.186	-	29-OCT-2007 09:36:54.860	63.674000	[sec]
MI orbit 65482	EGOI data gap	29-OCT-2007 16:29:48.706	-	29-OCT-2007 16:34:59.105	310.39900	[sec]

instrument info

EGOI 1 - GOME switch off due to GOME anomaly

(see ER2-UNA-2007/023), no data available between 02:15:58 - 09:30

- no data available due to switch off:

BE orbit 65474	EGOI data missing	29-OCT-2007 02:53:12.073	-	29-OCT-2007 03:06:35.696	803.62300	[sec]
MM orbit 65474	EGOI data missing	29-OCT-2007 03:31:08.403	-	29-OCT-2007 03:38:18.372	429.96900	[sec]
MI orbit 65474	EGOI data missing	29-OCT-2007 02:23:53.898	-	29-OCT-2007 02:34:47.212	653.31400	[sec]
GS orbit 65474	EGOI data missing	29-OCT-2007 02:28:06.780	-	29-OCT-2007 02:41:02.664	775.88400	[sec]
SG orbit 65474	EGOI data missing	29-OCT-2007 03:04:24.977	-	29-OCT-2007 03:17:57.733	812.75600	[sec]
BE orbit 65475	EGOI data missing	29-OCT-2007 04:33:34.072	-	29-OCT-2007 04:43:43.939	609.86700	[sec]
MM orbit 65475	EGOI data missing	29-OCT-2007 05:14:00.528	-	29-OCT-2007 05:19:47.134	346.60600	[sec]
MI orbit 65475	EGOI data missing	29-OCT-2007 04:01:58.826	-	29-OCT-2007 04:14:45.087	766.26100	[sec]
GS orbit 65475	EGOI data missing	29-OCT-2007 04:07:54.212	-	29-OCT-2007 04:19:56.581	722.36900	[sec]
SG orbit 65475	EGOI data missing	29-OCT-2007 04:45:33.361	-	29-OCT-2007 04:54:56.512	563.15100	[sec]
MM orbit 65476	EGOI data missing	29-OCT-2007 06:55:37.185	-	29-OCT-2007 07:02:33.882	416.69700	[sec]
PS orbit 65476	EGOI data missing	29-OCT-2007 05:50:18.204	-	29-OCT-2007 06:03:12.008	773.80400	[sec]
KS orbit 65476	EGOI data missing	29-OCT-2007 06:09:15.839	-	29-OCT-2007 06:15:17.795	361.95600	[sec]
MM orbit 65477	EGOI data missing	29-OCT-2007 08:36:16.965	-	29-OCT-2007 08:45:34.518	557.55300	[sec]
KS orbit 65477	EGOI data missing	29-OCT-2007 07:48:10.482	-	29-OCT-2007 07:59:57.007	706.52500	[sec]
MA orbit 65477	EGOI data missing	29-OCT-2007 07:59:07.278	-	29-OCT-2007 08:07:05.943	478.66500	[sec]

- coolers off, 02:15:58 - 11:16:18

detector temperatures out of range

(max warm up channel 1 275.4)

(max warm up channel 2 276.3)

(max warm up channel 3 276.1)

(max warm up channel 4 276.3)

- GOME in Idle Mode ~09:30 - ~10:45, orbit 65478

- TST 44 started at ~11:00, orbit 65479

- Lamp Calibration sequence with lamp failure,

Lamp Failure (no 222) flag set between 11:14:37 - 11:16:19

Lamp sequence started at 11:14:23 but voltage reached

only a value of ~180 V instead of nominally ~200 V

- solar calibration mode with warm detectors,

start time 11:10:23.911, orbit 65479,

(increase of intensity of PMD readouts during available

solar calibration measurements data:

15479 BU ->PMD2 readouts analysed with ERGO.

MPS resumed ca. 11:20 (however with activation of quarterly calibration timeline)

2 - During orbits 65480-65486: quarterly calibration timeline GMNNOT41 executed due to timeline upload error (corrected by ESOC today 30-Oct-2007)

Lamp Failures no 223-231 (quarterly calibration timeline GMNNOT41 still active)  
 orbit 65480 - start time lamp failure 12:53:33  
     - start time lamp failure 13:36:33  
 orbit 65482 - start time lamp failure 16:14:45  
     - start time lamp failure 16:57:45  
 orbit 65483 - stop time lamp failure 17:42:50  
 orbit 65484 - start time lamp failure 19:35:58  
     - start time lamp failure 20:18:59  
 orbit 65485 - stop time lamp failure 21:04:03  
 orbit 65486 - start time lamp failure 23:40:12

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 GOME Daily Reports Analysis            29 Oct            2007  
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Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	instrument off (see above)
Instrument Status 1A	instrument off (see above)
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	temperatures out of range
FPA Temperatures B	temperatures out of range
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	temperatures out of range
Selected Temperature B	temperatures out of range
Selected Temperature C	temperatures out of range
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