
Summary of Anomalies:

station info

MM orbit 60706 missing	EGOI	30-NOV-2006 01:13:02.606	-	30-NOV-2006 01:23:17.794	615.18800 [sec]
MM orbit 60713 missing	EGOI	30-NOV-2006 13:02:11.893	-	30-NOV-2006 13:14:52.025	760.13200 [sec]
MM orbit 60714 missing	EGOI	30-NOV-2006 14:41:50.033	-	30-NOV-2006 14:54:32.057	762.02400 [sec]
BE orbit 60715 missing	EGOI	30-NOV-2006 15:16:24.763	-	30-NOV-2006 15:27:51.529	686.76600 [sec]
MM orbit 60715 missing	EGOI	30-NOV-2006 16:21:11.834	-	30-NOV-2006 16:33:45.218	753.38400 [sec]
MM orbit 60716 missing	EGOI	30-NOV-2006 18:00:21.338	-	30-NOV-2006 18:12:54.205	752.86700 [sec]
MM orbit 60717 missing	EGOI	30-NOV-2006 19:39:32.853	-	30-NOV-2006 19:52:14.210	761.35700 [sec]
KS orbit 60717 missing	EGOI	30-NOV-2006 18:45:33.283	-	30-NOV-2006 18:59:20.252	826.96900 [sec]
PS orbit 60717 missing	EGOI	30-NOV-2006 19:00:11.476	-	30-NOV-2006 19:13:34.111	802.63500 [sec]
MM orbit 60718 missing	EGOI	30-NOV-2006 21:19:09.010	-	30-NOV-2006 21:31:50.543	761.53300 [sec]
MA orbit 60718 missing	EGOI	30-NOV-2006 20:17:34.834	-	30-NOV-2006 20:31:22.261	827.42700 [sec]
KS orbit 60718 missing	EGOI	30-NOV-2006 20:25:05.502	-	30-NOV-2006 20:38:54.805	829.30300 [sec]
PS orbit 60718 missing	EGOI	30-NOV-2006 20:40:21.474	-	30-NOV-2006 20:49:38.781	557.30700 [sec]
MM orbit 60719 missing	EGOI	30-NOV-2006 22:59:32.002	-	30-NOV-2006 23:11:42.264	730.26200 [sec]
MS orbit 60719 missing	EGOI	30-NOV-2006 21:57:13.101	-	30-NOV-2006 22:07:39.173	626.07200 [sec]
MA orbit 60719 missing	EGOI	30-NOV-2006 21:58:48.605	-	30-NOV-2006 22:09:54.415	665.81000 [sec]
KS orbit 60719 missing	EGOI	30-NOV-2006 22:06:38.169	-	30-NOV-2006 22:18:30.702	712.53300 [sec]
MS orbit 60720 missing	EGOI	30-NOV-2006 23:34:58.673	-	30-NOV-2006 23:48:05.257	786.58400 [sec]
KS orbit 60720 missing	EGOI	30-NOV-2006 23:51:09.324	-	30-NOV-2006 23:57:28.642	379.31800 [sec]
KS orbit 60706 gap	EGOI	30-NOV-2006 00:26:20.579	-	30-NOV-2006 00:27:23.577	62.998000 [sec]
KS orbit 60711 gap	EGOI	30-NOV-2006 08:53:36.388	-	30-NOV-2006 08:59:48.052	371.66400 [sec]

instrument info

EGOI

1 - unavailability due to GOME anomaly

(see ER-UNA-2006/035)

start of unavailability 01:40:44 , orbit 60706 ,
end 09:00, orbit 60711

- no data available due to switch off:

BE orbit 60707 EGOI data missing 02:19:21 - 02:32:03
MM orbit 60707 EGOI data missing 02:55:46 - 03:03:40
MI orbit 60707 EGOI data missing 01:52:29 - 01:58:54
GS orbit 60707 EGOI data missing 01:53:51 - 02:06:44
BE orbit 60708 EGOI data missing 03:58:51 - 04:11:03
MM orbit 60708 EGOI data missing 04:38:50 - 04:44:50
MI orbit 60708 EGOI data missing 03:27:35 - 03:40:58
GS orbit 60708 EGOI data missing 03:32:50 - 03:46:16
MM orbit 60709 EGOI data missing 06:20:55 - 06:27:13
MI orbit 60709 EGOI data missing 05:11:27 - 05:16:34
PS orbit 60709 EGOI data missing 05:15:33 - 05:29:16
MM orbit 60710 EGOI data missing 08:01:49 - 08:10:18
PS orbit 60710 EGOI data missing 06:58:44 - 07:07:22
KS orbit 60710 EGOI data missing 07:14:06 - 07:24:30

- coolers off, 01:14 - 10:44:03

detector temperatures out of range

(max warm up 269.6 K)

- GOME in Idle Mode 09:00 - ~10:15, orbit 60712

- GOME scan mirror position set to 261.8 deg, and GOME 3xNack flag set
between 09:00 -13:30 (orbits 60711- 60713 incl)

- TST 44 started at ~10:15 , orbit 60712

- Lamp Calibration sequence with lamp failure no *

Lamp Failure flag set between 10:42:18 - 10:44:03

Lamp sequence started at 10:42:05 but voltage dropped
down to a value of ~180 V instead of nominally ~200 V

- solar calibration mode with warm detectors, however as the scan
mirror is set to 261.8 deg, no solar measurement data available

MPS resumed ca. 14:00

2 - No solar calibration due to instrument anomaly (see above)

GOME Daily Reports Analysis 30 NOV 2006

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