
NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 288 (2008/10/14)
 holding on until orbit 70521, time ~15:30 (see below)

Summary of Anomalies:
 station info

HO orbit 70511	EGOI data missing	15-OCT-2008 00:32:01.439	-	15-OCT-2008 00:46:32.320	870.88100	[sec]
BE orbit 70512	EGOI data missing	15-OCT-2008 01:51:29.314	-	15-OCT-2008 02:02:42.854	673.54000	[sec]
BE orbit 70513	EGOI data missing	15-OCT-2008 03:30:11.452	-	15-OCT-2008 03:43:18.203	786.75100	[sec]
CM orbit 70513	EGOI data missing	15-OCT-2008 03:00:07.111	-	15-OCT-2008 03:09:18.136	551.02500	[sec]
CM orbit 70514	EGOI data missing	15-OCT-2008 06:18:27.336	-	15-OCT-2008 06:30:09.917	702.58100	[sec]
HO orbit 70517	EGOI data missing	15-OCT-2008 11:05:10.969	-	15-OCT-2008 11:13:57.524	526.55500	[sec]
HO orbit 70518	EGOI data missing	15-OCT-2008 12:42:26.069	-	15-OCT-2008 12:57:09.791	883.72200	[sec]
HO orbit 70519	EGOI data missing	15-OCT-2008 14:22:22.821	-	15-OCT-2008 14:34:55.514	752.69300	[sec]
MM orbit 70519	EGOI data missing	15-OCT-2008 14:13:23.641	-	15-OCT-2008 14:26:07.265	763.62400	[sec]
KS orbit 70519	EGOI data missing	15-OCT-2008 13:23:21.041	-	15-OCT-2008 13:35:39.635	738.59400	[sec]
KS orbit 70520	EGOI data missing	15-OCT-2008 15:01:53.272	-	15-OCT-2008 15:13:25.409	692.13700	[sec]
CM orbit 70520	EGOI data missing	15-OCT-2008 15:23:40.964	-	15-OCT-2008 15:32:56.103	555.13900	[sec]
MM orbit 70522	EGOI data missing	15-OCT-2008 19:11:10.968	-	15-OCT-2008 19:23:49.758	758.79000	[sec]
KS orbit 70522	EGOI data missing	15-OCT-2008 18:17:23.790	-	15-OCT-2008 18:30:55.935	812.14500	[sec]
JO orbit 70522	EGOI data missing	15-OCT-2008 19:31:47.021	-	15-OCT-2008 19:43:41.441	714.42000	[sec]
KS orbit 70523	EGOI data missing	15-OCT-2008 19:56:28.501	-	15-OCT-2008 20:10:26.863	838.36200	[sec]
HO orbit 70524	EGOI data missing	15-OCT-2008 22:23:26.251	-	15-OCT-2008 22:35:22.555	716.30400	[sec]
MM orbit 70524	EGOI data missing	15-OCT-2008 22:30:45.319	-	15-OCT-2008 22:43:08.910	743.59100	[sec]
KS orbit 70524	EGOI data missing	15-OCT-2008 21:37:22.777	-	15-OCT-2008 21:50:04.393	761.61600	[sec]
KS orbit 70525	EGOI data missing	15-OCT-2008 23:20:51.559	-	15-OCT-2008 23:29:22.826	511.26700	[sec]
KS orbit 70516	EGOI data gap	15-OCT-2008 08:25:08.747	-	15-OCT-2008 08:26:09.650	60.903000	[sec]
KS orbit 70517	EGOI data gap	15-OCT-2008 10:04:46.381	-	15-OCT-2008 10:05:49.255	62.874000	[sec]
KS orbit 70518	EGOI data gap	15-OCT-2008 11:44:16.440	-	15-OCT-2008 11:45:22.866	66.426000	[sec]
MS orbit 70517	EGOI data gap	15-OCT-2008 10:19:26.526	-	15-OCT-2008 10:20:32.841	66.315000	[sec]
MS orbit 70518	EGOI data gap	15-OCT-2008 11:57:09.626	-	15-OCT-2008 11:58:16.939	67.313000	[sec]
MA orbit 70524	EGOI data gap	15-OCT-2008 21:28:58.309	-	15-OCT-2008 21:30:05.272	66.963000	[sec]
BE orbit 70520	EGOI data gap	15-OCT-2008 14:47:07.887	-	15-OCT-2008 14:48:20.974	73.087000	[sec]
BE orbit 70520	EGOI data gap	15-OCT-2008 14:51:37.494	-	15-OCT-2008 14:59:56.522	499.02800	[sec]
SG orbit 70512	EGOI data gap	15-OCT-2008 02:05:04.772	-	15-OCT-2008 02:07:56.847	172.07500	[sec]
SG orbit 70513	EGOI data gap	15-OCT-2008 03:41:07.597	-	15-OCT-2008 03:46:00.443	292.84600	[sec]
SG orbit 70513	EGOI data gap	15-OCT-2008 03:53:30.486	-	15-OCT-2008 03:54:53.505	83.019000	[sec]
SG orbit 70519	EGOI data gap	15-OCT-2008 14:37:30.283	-	15-OCT-2008 14:39:53.919	143.63600	[sec]
JO orbit 70515	EGOI data gap	15-OCT-2008 07:11:43.852	-	15-OCT-2008 07:13:10.706	86.854000	[sec]
JO orbit 70516	EGOI data gap	15-OCT-2008 08:50:02.295	-	15-OCT-2008 08:52:27.811	145.51600	[sec]
JO orbit 70523	EGOI data gap	15-OCT-2008 21:09:51.555	-	15-OCT-2008 21:11:12.651	81.096000	[sec]

instrument info

EGOI 1 - Missing data due to GOME unpowered: autonomous switch-off (ERS-2 Unavailability Report 2008036) from 15:38:08 to 18:22:11

MI orbit 70521	EGOI data missing	15-OCT-2008 16:59:25.606	-	15-OCT-2008 17:10:47.212	681.60600	[sec]
KS orbit 70521	EGOI data missing	15-OCT-2008 16:39:29.824	-	15-OCT-2008 16:51:49.390	739.56600	[sec]
GS orbit 70521	EGOI data missing	15-OCT-2008 16:53:05.867	-	15-OCT-2008 17:06:06.500	780.63300	[sec]
CM orbit 70521	EGOI data missing	15-OCT-2008 17:01:46.926	-	15-OCT-2008 17:13:23.495	696.56900	[sec]
SG orbit 70520	EGOI data missing	15-OCT-2008 16:16:37.874	-	15-OCT-2008 16:28:49.137	731.26300	[sec]

- coolers off, start before 15:38:08 (outside gs visibility)-stop 20:16:27
 detector temperatures out of range
 (max warm up channel 1 273.1)
 (max warm up channel 2 274.0)
 (max warm up channel 3 273.7)
 (max warm up channel 4 274.0)

- 2 - GOME anomaly OOL (as communicated by ESOC),
 between orbits 70523 and 70525 (utc time ca. 20:00 until end of the day)
 - 3xNack flag set continuously
 - scan mirror position set to 261.8 deg continuously
 - scan motor temp. increased by ca 10 deg K

- scan mirror temp. increased by ca 10 deg K
- scan unit temp. increased by ca 10 deg K
- scan motor current value at 65535 BU, instead ca. 38000
- no narrow swath executed due to anomaly
- no solar calibration measurements available
as the scan mirror is not pointing in sun direction

to cure this anomaly a GOME Power Cycle(GMN11) has been executed on 16/10/2008, at 08:55:15
orbit 70530

3 - solar calibration not available due to GOME anomaly

GOME Daily Reports Analysis	15 OCT 2008

Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	>> GOME anomaly (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	>> timeline GMNNOT41 executed as planned, until Orb. 70521, ~15:30
Polarisation Detectors	OK
FPA Temperatures A	OK
FPA Temperatures B	OK
Charge Amp Temperatures	>> GOME anomaly (see above)
Other Temperatures A	>> GOME anomaly (see above)
DDHU Temperatures	>> GOME anomaly (see above)
Optical Bench Temperatures	>> GOME anomaly (see above)
Other Temperatures B	>> GOME anomaly (see above)
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	>> pattern not repeated due to execution of timeline GMNNOT41 GOME anomaly (see above)
Selected Temperature A	>> GOME anomaly (see above)
Selected Temperature B	>> GOME anomaly (see above)
Selected Temperature C	>> GOME anomaly (see above)
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