

\*\*\*\*\*

NARROW SWATH TIMELINE GMNNOT41 executed

continued from day 83 (2009/03/24)

holding on until orbit 72824, time ~14:30 (see below)

\*\*\*\*\*

\*\*\*\*\*

Summary of Anomalies:

station info

CM orbit 72817 EGOI data missing	25-MAR-2009 03:38:13.231	-	25-MAR-2009 03:50:10.137	716.90600	[sec]
MM orbit 72819 EGOI data missing	25-MAR-2009 06:32:30.464	-	25-MAR-2009 06:38:59.871	389.40700	[sec]
CM orbit 72819 EGOI data missing	25-MAR-2009 05:19:28.209	-	25-MAR-2009 05:27:36.147	487.93800	[sec]
JO orbit 72820 EGOI data missing	25-MAR-2009 07:50:19.779	-	25-MAR-2009 08:05:03.668	883.88900	[sec]
JO orbit 72821 EGOI data missing	25-MAR-2009 09:31:11.498	-	25-MAR-2009 09:43:10.586	719.08800	[sec]
MM orbit 72822 EGOI data missing	25-MAR-2009 11:33:44.408	-	25-MAR-2009 11:45:55.365	730.95700	[sec]
MM orbit 72824 EGOI data missing	25-MAR-2009 14:53:12.212	-	25-MAR-2009 15:05:53.332	761.12000	[sec]
SG orbit 72824 EGOI data missing	25-MAR-2009 15:16:20.327	-	25-MAR-2009 15:30:09.958	829.63100	[sec]
BE orbit 72825 EGOI data missing	25-MAR-2009 15:28:18.717	-	25-MAR-2009 15:38:54.295	635.57800	[sec]
SG orbit 72825 EGOI data missing	25-MAR-2009 16:58:57.583	-	25-MAR-2009 17:05:41.350	403.76700	[sec]
CM orbit 72825 EGOI data missing	25-MAR-2009 16:02:05.821	-	25-MAR-2009 16:14:07.637	721.81600	[sec]
CM orbit 72826 EGOI data missing	25-MAR-2009 17:42:57.961	-	25-MAR-2009 17:51:05.909	487.94800	[sec]
MM orbit 72827 EGOI data missing	25-MAR-2009 19:50:54.143	-	25-MAR-2009 20:03:36.377	762.23400	[sec]
MA orbit 72827 EGOI data missing	25-MAR-2009 18:55:53.078	-	25-MAR-2009 19:00:17.536	264.45800	[sec]
JO orbit 72827 EGOI data missing	25-MAR-2009 20:10:26.759	-	25-MAR-2009 20:24:52.329	865.57000	[sec]
MA orbit 72828 EGOI data missing	25-MAR-2009 20:28:47.807	-	25-MAR-2009 20:42:32.301	824.49400	[sec]
JO orbit 72828 EGOI data missing	25-MAR-2009 21:50:11.970	-	25-MAR-2009 22:03:13.769	781.79900	[sec]
MA orbit 72829 EGOI data missing	25-MAR-2009 22:11:22.161	-	25-MAR-2009 22:20:55.030	572.86900	[sec]
MS orbit 72830 EGOI data missing	25-MAR-2009 23:46:33.574	-	25-MAR-2009 23:59:20.390	766.81600	[sec]
KS orbit 72820 EGOI data gap	25-MAR-2009 07:25:27.155	-	25-MAR-2009 07:26:57.859	90.704000	[sec]
KS orbit 72821 EGOI data gap	25-MAR-2009 09:04:59.598	-	25-MAR-2009 09:06:58.469	118.87100	[sec]
KS orbit 72822 EGOI data gap	25-MAR-2009 10:44:36.256	-	25-MAR-2009 10:46:36.578	120.32200	[sec]
KS orbit 72823 EGOI data gap	25-MAR-2009 12:23:58.449	-	25-MAR-2009 12:25:58.183	119.73400	[sec]
KS orbit 72824 EGOI data gap	25-MAR-2009 14:02:51.920	-	25-MAR-2009 14:04:55.794	123.87400	[sec]
KS orbit 72825 EGOI data gap	25-MAR-2009 15:40:50.682	-	25-MAR-2009 15:42:58.311	127.62900	[sec]
KS orbit 72826 EGOI data gap	25-MAR-2009 17:18:41.010	-	25-MAR-2009 17:20:45.425	124.41500	[sec]
KS orbit 72827 EGOI data gap	25-MAR-2009 18:56:50.914	-	25-MAR-2009 18:58:37.040	106.12600	[sec]
KS orbit 72828 EGOI data gap	25-MAR-2009 20:36:34.999	-	25-MAR-2009 20:38:03.163	88.164000	[sec]
KS orbit 72829 EGOI data gap	25-MAR-2009 22:18:24.062	-	25-MAR-2009 22:19:56.305	92.243000	[sec]
GS orbit 72817 EGOI data gap	25-MAR-2009 02:04:57.403	-	25-MAR-2009 02:06:16.910	79.507000	[sec]
GS orbit 72818 EGOI data gap	25-MAR-2009 03:44:27.244	-	25-MAR-2009 03:45:53.514	86.270000	[sec]
GS orbit 72824 EGOI data gap	25-MAR-2009 14:15:08.984	-	25-MAR-2009 14:16:22.870	73.886000	[sec]
GS orbit 72825 EGOI data gap	25-MAR-2009 15:53:13.014	-	25-MAR-2009 15:54:50.882	97.868000	[sec]
GS orbit 72826 EGOI data gap	25-MAR-2009 17:33:20.231	-	25-MAR-2009 17:34:51.520	91.289000	[sec]
MS orbit 72816 EGOI data gap	25-MAR-2009 00:18:57.894	-	25-MAR-2009 00:20:40.267	102.37300	[sec]
MS orbit 72822 EGOI data gap	25-MAR-2009 10:57:45.878	-	25-MAR-2009 10:59:54.656	128.77800	[sec]
MS orbit 72823 EGOI data gap	25-MAR-2009 12:37:22.158	-	25-MAR-2009 12:39:23.761	121.60300	[sec]
MS orbit 72829 EGOI data gap	25-MAR-2009 22:08:02.038	-	25-MAR-2009 22:09:30.735	88.697000	[sec]
MA orbit 72822 EGOI data gap	25-MAR-2009 10:52:48.328	-	25-MAR-2009 10:54:12.625	84.297000	[sec]
MI orbit 72818 EGOI data gap	25-MAR-2009 03:38:58.143	-	25-MAR-2009 03:40:38.483	100.34000	[sec]
MI orbit 72825 EGOI data gap	25-MAR-2009 15:59:05.583	-	25-MAR-2009 16:00:35.917	90.334000	[sec]
MM orbit 72823 EGOI data gap	25-MAR-2009 13:13:35.909	-	25-MAR-2009 13:14:38.978	63.069000	[sec]
MM orbit 72825 EGOI data gap	25-MAR-2009 16:32:32.228	-	25-MAR-2009 16:33:48.130	75.902000	[sec]
MM orbit 72826 EGOI data gap	25-MAR-2009 18:11:41.037	-	25-MAR-2009 18:13:59.266	138.22900	[sec]
MM orbit 72828 EGOI data gap	25-MAR-2009 21:30:34.624	-	25-MAR-2009 21:32:38.004	123.38000	[sec]
MM orbit 72829 EGOI data gap	25-MAR-2009 23:11:04.103	-	25-MAR-2009 23:12:14.626	70.523000	[sec]
BE orbit 72817 EGOI data gap	25-MAR-2009 02:30:36.243	-	25-MAR-2009 02:32:45.573	129.33000	[sec]
BE orbit 72818 EGOI data gap	25-MAR-2009 04:10:23.040	-	25-MAR-2009 04:12:25.180	122.14000	[sec]
SG orbit 72817 EGOI data gap	25-MAR-2009 02:42:17.748	-	25-MAR-2009 02:44:23.144	125.39600	[sec]
SG orbit 72818 EGOI data gap	25-MAR-2009 04:21:40.693	-	25-MAR-2009 04:23:22.245	101.55200	[sec]

instrument info

EGOI

- 1 - GOME anomaly OOL (as communicated by ESOC), orbit 72824 14:05:41 UTC
- due to the anomaly wrong parameter settings were observed (constant temperature values) between before 13:14:39 UTC (outside GS visibility), orbit 72823, and after 15:09:55 UTC (outside GS visibility), orbit 72824;

to cure this anomaly a GOME Power Cycle(GMN11) has been executed on 25/03/2009, at 15:11:31, orbit 72824;

after the execution of GMN11 some out of range (high) temperature values were observed (see report), decreasing toward normal values;

2 - complete solar calibration measurements available  
 start time 15:46:26.830, orbit 72825  
 (increase of intensity of PMD readouts during available solar calibration measurements data:  
 15608 BU ->PMD2 readouts analysed with ERGO.

\*\*\*\*\*

-----  
 GOME Daily Reports Analysis                    25 MAR                    2009  
 -----

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 as planned, until Orb. 72824, ~14:30 North Polar View operations
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	>> pattern not repeated due to execution of timeline GMNNOT41
Selected Temperature A	>> some values out of range (see GOME anomaly)
Selected Temperature B	>> some values out of range (see GOME anomaly)
Selected Temperature C	>> some values out of range (see GOME anomaly)
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