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NARROW SWATH TIMELINE GMNNOT41 executed

continued from day 329 (2008/11/24)

holding on until orbit 71103, time ~08:00 (see below)

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Summary of Anomalies:

station info

HO orbit 71098	EGOI data missing	25-NOV-2008 00:43:42.223	-	25-NOV-2008 00:57:48.115	845.89200	[sec]
MM orbit 71098	EGOI data missing	25-NOV-2008 00:55:31.352	-	25-NOV-2008 01:06:06.556	635.20400	[sec]
KS orbit 71098	EGOI data missing	25-NOV-2008 00:06:32.953	-	25-NOV-2008 00:11:21.464	288.51100	[sec]
MM orbit 71099	EGOI data missing	25-NOV-2008 02:38:07.092	-	25-NOV-2008 02:46:30.006	502.91400	[sec]
MM orbit 71100	EGOI data missing	25-NOV-2008 04:21:12.489	-	25-NOV-2008 04:27:26.170	373.68100	[sec]
MI orbit 71100	EGOI data missing	25-NOV-2008 03:10:41.158	-	25-NOV-2008 03:23:54.021	792.86300	[sec]
CM orbit 71100	EGOI data missing	25-NOV-2008 03:10:49.350	-	25-NOV-2008 03:21:07.356	618.00600	[sec]
CM orbit 71100	EGOI data missing	25-NOV-2008 04:49:32.419	-	25-NOV-2008 05:00:37.131	664.71200	[sec]
MM orbit 71101	EGOI data missing	25-NOV-2008 06:03:31.974	-	25-NOV-2008 06:09:34.944	362.97000	[sec]
MI orbit 71101	EGOI data missing	25-NOV-2008 04:52:27.527	-	25-NOV-2008 05:01:14.091	526.56400	[sec]
MM orbit 71102	EGOI data missing	25-NOV-2008 07:44:35.105	-	25-NOV-2008 07:52:39.252	484.14700	[sec]
MM orbit 71103	EGOI data missing	25-NOV-2008 09:25:01.103	-	25-NOV-2008 09:35:21.339	620.23600	[sec]
MA orbit 71103	EGOI data missing	25-NOV-2008 08:45:29.590	-	25-NOV-2008 08:57:50.595	741.00500	[sec]
MM orbit 71104	EGOI data missing	25-NOV-2008 11:05:10.026	-	25-NOV-2008 11:17:03.825	713.79900	[sec]
MM orbit 71105	EGOI data missing	25-NOV-2008 12:45:05.515	-	25-NOV-2008 12:57:42.520	757.00500	[sec]
HO orbit 71106	EGOI data missing	25-NOV-2008 14:33:55.630	-	25-NOV-2008 14:45:36.024	700.39400	[sec]
MM orbit 71106	EGOI data missing	25-NOV-2008 14:24:46.361	-	25-NOV-2008 14:37:29.483	763.12200	[sec]
MM orbit 71107	EGOI data missing	25-NOV-2008 16:04:10.920	-	25-NOV-2008 16:16:45.557	754.63700	[sec]
MI orbit 71107	EGOI data missing	25-NOV-2008 15:30:54.862	-	25-NOV-2008 15:43:52.258	777.39600	[sec]
SG orbit 71107	EGOI data missing	25-NOV-2008 16:28:26.542	-	25-NOV-2008 16:39:39.010	672.46800	[sec]
MM orbit 71108	EGOI data missing	25-NOV-2008 17:43:21.820	-	25-NOV-2008 17:55:53.883	752.06300	[sec]
MI orbit 71108	EGOI data missing	25-NOV-2008 17:11:08.522	-	25-NOV-2008 17:21:33.745	625.22300	[sec]
MM orbit 71109	EGOI data missing	25-NOV-2008 19:22:31.516	-	25-NOV-2008 19:35:11.377	759.86100	[sec]
JO orbit 71109	EGOI data missing	25-NOV-2008 19:42:42.850	-	25-NOV-2008 19:55:36.289	773.43900	[sec]
MM orbit 71110	EGOI data missing	25-NOV-2008 21:02:01.750	-	25-NOV-2008 21:14:44.876	763.12600	[sec]
HO orbit 71111	EGOI data missing	25-NOV-2008 22:34:19.076	-	25-NOV-2008 22:46:50.966	751.89000	[sec]
MM orbit 71111	EGOI data missing	25-NOV-2008 22:42:15.393	-	25-NOV-2008 22:54:34.118	738.72500	[sec]
KS orbit 71103	EGOI data gap	25-NOV-2008 08:36:31.718	-	25-NOV-2008 08:37:35.734	64.016000	[sec]
KS orbit 71103	EGOI data gap	25-NOV-2008 08:39:58.249	-	25-NOV-2008 08:49:36.054	577.80500	[sec]
KS orbit 71104	EGOI data gap	25-NOV-2008 10:16:09.373	-	25-NOV-2008 10:26:13.674	604.30100	[sec]
KS orbit 71105	EGOI data gap	25-NOV-2008 11:55:37.480	-	25-NOV-2008 11:56:47.246	69.766000	[sec]
KS orbit 71106	EGOI data gap	25-NOV-2008 13:34:37.910	-	25-NOV-2008 13:35:43.350	65.440000	[sec]
KS orbit 71107	EGOI data gap	25-NOV-2008 15:12:59.913	-	25-NOV-2008 15:14:22.945	83.032000	[sec]
KS orbit 71108	EGOI data gap	25-NOV-2008 16:50:36.955	-	25-NOV-2008 16:51:50.529	73.574000	[sec]
KS orbit 71109	EGOI data gap	25-NOV-2008 18:28:38.846	-	25-NOV-2008 18:29:43.618	64.772000	[sec]
MS orbit 71104	EGOI data gap	25-NOV-2008 10:30:22.543	-	25-NOV-2008 10:33:48.217	205.67400	[sec]
MS orbit 71105	EGOI data gap	25-NOV-2008 12:08:38.369	-	25-NOV-2008 12:09:50.325	71.956000	[sec]
MA orbit 71104	EGOI data gap	25-NOV-2008 10:24:11.879	-	25-NOV-2008 10:26:15.174	123.29500	[sec]
BE orbit 71099	EGOI data gap	25-NOV-2008 02:02:35.518	-	25-NOV-2008 02:03:55.825	80.307000	[sec]
BE orbit 71100	EGOI data gap	25-NOV-2008 03:41:38.070	-	25-NOV-2008 03:42:56.432	78.362000	[sec]
BE orbit 71107	EGOI data gap	25-NOV-2008 14:58:46.461	-	25-NOV-2008 15:00:10.864	84.403000	[sec]
BE orbit 71107	EGOI data gap	25-NOV-2008 15:03:19.883	-	25-NOV-2008 15:11:09.039	469.15600	[sec]
SG orbit 71099	EGOI data gap	25-NOV-2008 02:15:24.254	-	25-NOV-2008 02:17:55.907	151.65300	[sec]
SG orbit 71100	EGOI data gap	25-NOV-2008 04:04:31.060	-	25-NOV-2008 04:06:04.529	93.469000	[sec]
SG orbit 71106	EGOI data gap	25-NOV-2008 14:48:28.300	-	25-NOV-2008 14:51:42.312	194.01200	[sec]
JO orbit 71102	EGOI data gap	25-NOV-2008 07:22:38.809	-	25-NOV-2008 07:24:42.788	123.97900	[sec]
JO orbit 71110	EGOI data gap	25-NOV-2008 21:21:19.261	-	25-NOV-2008 21:22:47.664	88.403000	[sec]

instrument info

EGOI 1 - Missing data due to ATSR/GOME planned unavailability (ERS-2 Unavailability Report 2008041) on 25-NOV-2008 from 08:40:00 to 10:30:00 (TST44 activated)

MM orbit 71103	EGOI data missing	25-NOV-2008 09:25:01.103	-	25-NOV-2008 09:35:21.339	620.23600	[sec]
MA orbit 71103	EGOI data missing	25-NOV-2008 08:45:29.590	-	25-NOV-2008 08:57:50.595	741.00500	[sec]

- coolers off, start before 10:26:13 (outside gs visibility)-stop 12:08:35  
 detector temperatures out of range  
 (max warm up channel 1 275.9)  
 (max warm up channel 2 276.6)

(max warm up channel 3 276.2)  
(max warm up channel 4 276.5)

- TST 44 started at ~11:56:56, orbit 71105
  - Lamp Calibration sequence
    - start 11:56:56 stop 11:58:56, voltage at ~198
  - Lamp Calibration sequence with Lamp Failure
    - start 12:06:43 stop 12:06:53, voltage dropped at ~176 (nominal would be ~198 V)
    - Lampo Failure (no. 248) flag set between 12:06:53 - 12:08:33
- solar calibration mode with warm detectors (T~269),
  - start time 12:02:42.770, orbit 71105,
  - (increase of intensity of PMD readouts during available solar calibration measurements data:  
15752 BU ->PMD2 readouts analysed with ERGO.

MPS resumed 12:08:42

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GOME Daily Reports Analysis

25 NOV

2008  
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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	>> timeline GMNNOT41 executed as planned, until Orb. 71103, ~08:00
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	>> temperatures out of range
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	>> temperatures out of range
Selected Temperature B	>> temperatures out of range
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