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NARROW SWATH TIMELINE GMNNOT41 executed

not continued from day 217 (2008/08/04) due to GOME anomaly (see below), orbits 69497-69505 , time interval ~03:30 ~17:00

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Summary of Anomalies:  
station info

BE orbit 69496	EGOI data missing	05-AUG-2008 02:22:10.147	-	05-AUG-2008 02:34:58.118	767.97100	[sec]
MM orbit 69496	EGOI data missing	05-AUG-2008 02:58:43.653	-	05-AUG-2008 03:06:37.636	473.98300	[sec]
BE orbit 69497	EGOI data missing	05-AUG-2008 04:01:44.168	-	05-AUG-2008 04:13:48.621	724.45300	[sec]
MM orbit 69497	EGOI data missing	05-AUG-2008 04:41:46.738	-	05-AUG-2008 04:47:44.889	358.15100	[sec]
CM orbit 69497	EGOI data missing	05-AUG-2008 05:10:20.857	-	05-AUG-2008 05:19:38.422	557.56500	[sec]
MM orbit 69499	EGOI data missing	05-AUG-2008 08:04:42.246	-	05-AUG-2008 08:13:15.327	513.08100	[sec]
MA orbit 69500	EGOI data missing	05-AUG-2008 09:05:33.910	-	05-AUG-2008 09:18:03.512	749.60200	[sec]
HO orbit 69501	EGOI data missing	05-AUG-2008 11:35:04.120	-	05-AUG-2008 11:47:07.809	723.68900	[sec]
MM orbit 69501	EGOI data missing	05-AUG-2008 11:25:10.207	-	05-AUG-2008 11:37:16.449	726.24200	[sec]
MA orbit 69501	EGOI data missing	05-AUG-2008 10:44:09.310	-	05-AUG-2008 10:55:39.242	689.93200	[sec]
HO orbit 69502	EGOI data missing	05-AUG-2008 13:13:35.143	-	05-AUG-2008 13:28:24.493	889.35000	[sec]
MM orbit 69502	EGOI data missing	05-AUG-2008 13:05:02.917	-	05-AUG-2008 13:17:43.470	760.55300	[sec]
HO orbit 69503	EGOI data missing	05-AUG-2008 14:54:14.774	-	05-AUG-2008 15:03:43.305	568.53100	[sec]
BE orbit 69504	EGOI data missing	05-AUG-2008 15:19:22.549	-	05-AUG-2008 15:30:37.709	675.16000	[sec]
CM orbit 69504	EGOI data missing	05-AUG-2008 15:53:44.693	-	05-AUG-2008 16:05:26.342	701.64900	[sec]
CM orbit 69505	EGOI data missing	05-AUG-2008 17:33:59.119	-	05-AUG-2008 17:43:12.458	553.33900	[sec]
MM orbit 69506	EGOI data missing	05-AUG-2008 19:42:23.145	-	05-AUG-2008 19:55:04.732	761.58700	[sec]
MA orbit 69506	EGOI data missing	05-AUG-2008 18:47:33.287	-	05-AUG-2008 18:51:43.393	250.10600	[sec]
MM orbit 69507	EGOI data missing	05-AUG-2008 21:22:00.356	-	05-AUG-2008 21:34:41.534	761.17800	[sec]
MA orbit 69507	EGOI data missing	05-AUG-2008 20:20:22.740	-	05-AUG-2008 20:34:10.034	827.29400	[sec]
JO orbit 69507	EGOI data missing	05-AUG-2008 21:41:29.916	-	05-AUG-2008 21:55:02.785	812.86900	[sec]
HO orbit 69508	EGOI data missing	05-AUG-2008 22:53:39.235	-	05-AUG-2008 23:06:53.990	794.75500	[sec]
MA orbit 69508	EGOI data missing	05-AUG-2008 22:01:51.330	-	05-AUG-2008 22:12:40.134	648.80400	[sec]
KS orbit 69500	EGOI data gap	05-AUG-2008 08:56:27.187	-	05-AUG-2008 08:57:35.422	68.235000	[sec]
KS orbit 69501	EGOI data gap	05-AUG-2008 10:36:04.295	-	05-AUG-2008 10:37:15.075	70.780000	[sec]
KS orbit 69502	EGOI data gap	05-AUG-2008 12:15:28.421	-	05-AUG-2008 12:16:38.223	69.802000	[sec]
KS orbit 69503	EGOI data gap	05-AUG-2008 13:54:22.757	-	05-AUG-2008 13:55:37.363	74.606000	[sec]
KS orbit 69504	EGOI data gap	05-AUG-2008 15:32:27.907	-	05-AUG-2008 15:33:51.493	83.586000	[sec]
KS orbit 69505	EGOI data gap	05-AUG-2008 17:10:11.820	-	05-AUG-2008 17:11:25.122	73.302000	[sec]
KS orbit 69506	EGOI data gap	05-AUG-2008 18:48:22.589	-	05-AUG-2008 18:49:24.245	61.656000	[sec]
MS orbit 69495	EGOI data gap	05-AUG-2008 00:10:01.877	-	05-AUG-2008 00:11:03.485	61.608000	[sec]
MS orbit 69501	EGOI data gap	05-AUG-2008 10:49:36.086	-	05-AUG-2008 10:50:52.665	76.579000	[sec]
MS orbit 69502	EGOI data gap	05-AUG-2008 12:28:44.391	-	05-AUG-2008 12:30:02.308	77.917000	[sec]
MI orbit 69497	EGOI data gap	05-AUG-2008 03:30:25.776	-	05-AUG-2008 03:33:02.463	156.68700	[sec]
MI orbit 69504	EGOI data gap	05-AUG-2008 15:59:36.657	-	05-AUG-2008 16:03:57.126	260.46900	[sec]
MI orbit 69505	EGOI data gap	05-AUG-2008 17:34:58.271	-	05-AUG-2008 17:39:59.872	301.60100	[sec]
MM orbit 69505	EGOI data gap	05-AUG-2008 18:03:11.262	-	05-AUG-2008 18:04:40.462	89.200000	[sec]
SG orbit 69496	EGOI data gap	05-AUG-2008 02:34:07.146	-	05-AUG-2008 02:44:25.502	618.35600	[sec]
SG orbit 69497	EGOI data gap	05-AUG-2008 04:12:53.021	-	05-AUG-2008 04:24:01.303	668.28200	[sec]
JO orbit 69499	EGOI data gap	05-AUG-2008 07:41:58.238	-	05-AUG-2008 07:43:21.434	83.196000	[sec]
JO orbit 69500	EGOI data gap	05-AUG-2008 09:22:15.031	-	05-AUG-2008 09:23:44.594	89.563000	[sec]

instrument info

EGOI 1 - GOME anomaly OOL (as communicated by ESOC),  
between orbits 69491 of 04/08/2008 (utc time ca. 18:00) and  
69497 (utc time ca. 03:20)  
- 3xNack flag set continuously  
- scan mirror position set to 261.8 deg continuously  
- scan motor temp. increased by ca 40 deg K  
- scan mirror temp. increased by ca 20 deg K  
- scan unit temp. increased by ca 20 deg K  
- scan motor current value at 64934 BU, instead ca. 38000  
- no narrow swath executed due to anomaly

this anomaly was cured with two GOME Power Cycle(GMN11) at 03:13:16 and at 04:53:51;  
data at ca 05:00, orbit 69498, are nominal again

1 - complete solar calibration measurements available  
start time 17:13:16.130, orbit 69505,

(increase of intensity of PMD readouts during available  
solar calibration measurements data:  
14995 BU ->PMD2 readouts analysed with ERGO.

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GOME Daily Reports Analysis

05 AUG

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,
                               Orb. 69497-69505,~03:30 - ~17:00

Polarisation Detectors      OK
FPA Temperatures A          >> GOME anomaly (see above)
FPA Temperatures B          >> GOME anomaly (see above)
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 >> GOME anomaly (see above)
Scan Mirror Motor Current   >> pattern not repeated due to execution of
                               timeline GMNNOT41

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

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