
NARROW SWATH TIMELINE GMNNOT41 executed
 begin of execution Orbit 72409 time: ~14:00
 active until end of day, Orbit 72414

Summary of Anomalies:
 station info

MM orbit 72400	EGOI data missing	23-FEB-2009	23:54:26.977	-	24-FEB-2009	00:06:00.621	693.64400	[sec]
HO orbit 72401	EGOI data missing	24-FEB-2009	01:24:35.963	-	24-FEB-2009	01:36:51.811	735.84800	[sec]
MM orbit 72401	EGOI data missing	24-FEB-2009	01:36:27.088	-	24-FEB-2009	01:46:13.552	586.46400	[sec]
CM orbit 72402	EGOI data missing	24-FEB-2009	03:49:22.527	-	24-FEB-2009	04:01:38.354	735.82700	[sec]
MM orbit 72403	EGOI data missing	24-FEB-2009	05:02:18.262	-	24-FEB-2009	05:08:07.091	348.82900	[sec]
KS orbit 72404	EGOI data missing	24-FEB-2009	05:58:10.509	-	24-FEB-2009	06:02:58.015	287.50600	[sec]
CM orbit 72404	EGOI data missing	24-FEB-2009	05:31:59.633	-	24-FEB-2009	05:37:52.290	352.65700	[sec]
JO orbit 72404	EGOI data missing	24-FEB-2009	06:26:56.998	-	24-FEB-2009	06:34:15.819	438.82100	[sec]
MM orbit 72405	EGOI data missing	24-FEB-2009	08:24:48.256	-	24-FEB-2009	08:33:49.878	541.62200	[sec]
JO orbit 72405	EGOI data missing	24-FEB-2009	08:01:32.544	-	24-FEB-2009	08:16:28.822	896.27800	[sec]
MM orbit 72406	EGOI data missing	24-FEB-2009	10:05:06.322	-	24-FEB-2009	10:16:10.213	663.89100	[sec]
JO orbit 72406	EGOI data missing	24-FEB-2009	09:43:15.594	-	24-FEB-2009	09:53:58.611	643.01700	[sec]
HO orbit 72407	EGOI data missing	24-FEB-2009	11:54:36.304	-	24-FEB-2009	12:07:41.220	784.91600	[sec]
MM orbit 72407	EGOI data missing	24-FEB-2009	11:45:09.855	-	24-FEB-2009	11:57:26.538	736.68300	[sec]
HO orbit 72408	EGOI data missing	24-FEB-2009	13:33:31.636	-	24-FEB-2009	13:48:11.178	879.54200	[sec]
HO orbit 72409	EGOI data missing	24-FEB-2009	15:14:42.017	-	24-FEB-2009	15:22:49.043	487.02600	[sec]
MM orbit 72409	EGOI data missing	24-FEB-2009	15:04:34.165	-	24-FEB-2009	15:17:14.286	760.12100	[sec]
BE orbit 72410	EGOI data missing	24-FEB-2009	15:40:21.415	-	24-FEB-2009	15:49:50.673	569.25800	[sec]
MM orbit 72410	EGOI data missing	24-FEB-2009	16:43:52.460	-	24-FEB-2009	16:56:24.637	752.17700	[sec]
CM orbit 72410	EGOI data missing	24-FEB-2009	16:13:18.471	-	24-FEB-2009	16:25:37.209	738.73800	[sec]
CM orbit 72411	EGOI data missing	24-FEB-2009	17:55:12.656	-	24-FEB-2009	18:01:19.000	366.34400	[sec]
MA orbit 72412	EGOI data missing	24-FEB-2009	19:05:58.016	-	24-FEB-2009	19:12:57.323	419.30700	[sec]
JO orbit 72412	EGOI data missing	24-FEB-2009	20:21:39.427	-	24-FEB-2009	20:36:24.911	885.48400	[sec]
MA orbit 72413	EGOI data missing	24-FEB-2009	20:40:04.378	-	24-FEB-2009	20:53:45.583	821.20500	[sec]
JO orbit 72413	EGOI data missing	24-FEB-2009	22:01:51.685	-	24-FEB-2009	22:14:02.751	731.06600	[sec]
HO orbit 72414	EGOI data missing	24-FEB-2009	23:12:57.422	-	24-FEB-2009	23:26:55.893	838.47100	[sec]
MM orbit 72414	EGOI data missing	24-FEB-2009	23:22:37.034	-	24-FEB-2009	23:34:33.739	716.70500	[sec]
MS orbit 72415	EGOI data missing	24-FEB-2009	23:58:14.330	-	25-FEB-2009	00:10:28.138	733.80800	[sec]
KS orbit 72405	EGOI data gap	24-FEB-2009	07:36:48.594	-	24-FEB-2009	07:38:10.757	82.163000	[sec]
KS orbit 72406	EGOI data gap	24-FEB-2009	09:16:22.840	-	24-FEB-2009	09:18:09.859	107.01900	[sec]
KS orbit 72407	EGOI data gap	24-FEB-2009	10:55:58.705	-	24-FEB-2009	10:57:47.646	108.94100	[sec]
KS orbit 72408	EGOI data gap	24-FEB-2009	12:35:18.100	-	24-FEB-2009	12:37:06.261	108.16100	[sec]
KS orbit 72409	EGOI data gap	24-FEB-2009	14:14:09.876	-	24-FEB-2009	14:16:03.198	113.32200	[sec]
KS orbit 72410	EGOI data gap	24-FEB-2009	15:52:00.775	-	24-FEB-2009	15:53:51.828	111.05300	[sec]
KS orbit 72411	EGOI data gap	24-FEB-2009	17:29:55.435	-	24-FEB-2009	17:31:47.946	112.51100	[sec]
KS orbit 72412	EGOI data gap	24-FEB-2009	19:08:09.682	-	24-FEB-2009	19:09:36.570	86.888000	[sec]
KS orbit 72413	EGOI data gap	24-FEB-2009	20:48:06.112	-	24-FEB-2009	20:49:25.200	79.088000	[sec]
KS orbit 72414	EGOI data gap	24-FEB-2009	22:30:12.245	-	24-FEB-2009	22:31:28.851	76.606000	[sec]
GS orbit 72403	EGOI data gap	24-FEB-2009	03:56:08.239	-	24-FEB-2009	03:57:30.415	82.176000	[sec]
GS orbit 72409	EGOI data gap	24-FEB-2009	14:26:08.552	-	24-FEB-2009	14:27:16.768	68.216000	[sec]
GS orbit 72410	EGOI data gap	24-FEB-2009	16:04:34.885	-	24-FEB-2009	16:06:00.898	86.013000	[sec]
GS orbit 72411	EGOI data gap	24-FEB-2009	17:44:53.900	-	24-FEB-2009	17:46:12.046	78.146000	[sec]
MS orbit 72401	EGOI data gap	24-FEB-2009	00:31:01.766	-	24-FEB-2009	00:32:17.163	75.397000	[sec]
MS orbit 72407	EGOI data gap	24-FEB-2009	11:09:05.064	-	24-FEB-2009	11:11:02.728	117.66400	[sec]
MS orbit 72408	EGOI data gap	24-FEB-2009	12:49:04.844	-	24-FEB-2009	12:50:57.348	112.50400	[sec]
MS orbit 72414	EGOI data gap	24-FEB-2009	22:18:57.670	-	24-FEB-2009	22:20:18.275	80.605000	[sec]
MS orbit 72415	EGOI data gap	24-FEB-2009	23:58:14.330	-	24-FEB-2009	23:59:47.400	93.070000	[sec]
MA orbit 72407	EGOI data gap	24-FEB-2009	11:04:58.448	-	24-FEB-2009	11:07:14.705	136.25700	[sec]
MI orbit 72403	EGOI data gap	24-FEB-2009	03:50:25.777	-	24-FEB-2009	03:52:46.884	141.10700	[sec]
MI orbit 72410	EGOI data gap	24-FEB-2009	16:10:27.783	-	24-FEB-2009	16:11:38.438	70.655000	[sec]
MM orbit 72411	EGOI data gap	24-FEB-2009	18:23:00.782	-	24-FEB-2009	18:24:54.284	113.50200	[sec]
MM orbit 72412	EGOI data gap	24-FEB-2009	20:02:15.790	-	24-FEB-2009	20:03:41.411	85.621000	[sec]
MM orbit 72413	EGOI data gap	24-FEB-2009	21:42:00.883	-	24-FEB-2009	21:44:04.549	123.66600	[sec]
BE orbit 72402	EGOI data gap	24-FEB-2009	02:41:53.104	-	24-FEB-2009	02:43:52.461	119.35700	[sec]
BE orbit 72403	EGOI data gap	24-FEB-2009	04:21:57.051	-	24-FEB-2009	04:23:53.072	116.02100	[sec]
BE orbit 72409	EGOI data gap	24-FEB-2009	13:58:29.205	-	24-FEB-2009	14:00:24.095	114.89000	[sec]
BE orbit 72409	EGOI data gap	24-FEB-2009	14:01:12.103	-	24-FEB-2009	14:11:52.263	640.16000	[sec]
SG orbit 72402	EGOI data gap	24-FEB-2009	02:53:18.265	-	24-FEB-2009	02:55:13.532	115.26700	[sec]
SG orbit 72402	EGOI data gap	24-FEB-2009	02:55:30.033	-	24-FEB-2009	03:06:25.054	655.02100	[sec]

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SG orbit 72403 EGOI data gap 24-FEB-2009 04:33:31.443 - 24-FEB-2009 04:34:53.139 81.696000 [sec]
SG orbit 72403 EGOI data gap 24-FEB-2009 04:37:42.655 - 24-FEB-2009 04:44:22.061 399.406000 [sec]
SG orbit 72409 EGOI data gap 24-FEB-2009 15:27:38.349 - 24-FEB-2009 15:29:21.668 103.319000 [sec]

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instrument info

EGOI

- 1 - GOME anomaly OOL (as communicated by ESOC),
 - between orbits 72407 before 10:57(outside gs visibility) and 72408, before 13:54 UTC (outside gs visibility)
 - 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 10 deg K
 - scan unit temp. increased by ca 20 deg K
 - scan motor current value at 64240 BU, instead ca. 38000
 - 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 24/02/2009, at 13:45:49, orbit 72408

- 2 - solar calibration data not available due to GOME anomaly

 GOME Daily Reports Analysis 24 FEB 2009

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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
                                    see GOME anomaly

Polarisation Detectors            OK
FPA Temperatures A                OK
FPA Temperatures B                OK
Charge Amp Temperatures          OK
Other Temperatures A              >> values out of range (see GOME anomaly)
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 GMNNOT4
                                    (see GOME anomaly)

Selected Temperature A            >> values out of range (see GOME anomaly)
Selected Temperature B            >> values out of range (see GOME anomaly)
Selected Temperature C            >> 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

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