GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	22-JUN-2009
Start Time of First Product	00:24:00
Stop Time of Last Product	23:18:20
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal data

1.2 - List of received products

Name	Date	Time
EGOI_090622BEEP0127.E2	22-JUN-2009	02:35:59.914
EGOI_090622BEEP0132.E2	22-JUN-2009	04:15:47.016
EGOI_090622GSEP2864.E2	22-JUN-2009	02:09:40.258
EGOI_090622GSEP2891.E2	22-JUN-2009	03:49:24.360
EGOI_090622GSEP2901.E2	22-JUN-2009	05:31:56.481
EGOI_090622HLEP1474.E2	22-JUN-2009	01:18:03.942
EGOI_090622HLEP1482.E2	22-JUN-2009	15:08:04.478
EGOI_090622HLEP1490.E2	22-JUN-2009	21:33:02.321
EGOI_090622HLEP1497.E2	22-JUN-2009	23:07:02.885

EGOI_090622KSEP0007.E2	22-JUN-2009	22:23:19.122
EGOI_090622KSEP0009.E2	22-JUN-2009	20:41:26.005
EGOI_090622KSEP0010.E2	22-JUN-2009	19:02:01.399
EGOI_090622KSEP9818.E2	22-JUN-2009	07:30:19.698
EGOI_090622KSEP9840.E2	22-JUN-2009	09:10:14.308
EGOI_090622KSEP9865.E2	22-JUN-2009	10:49:53.913
EGOI_090622KSEP9893.E2	22-JUN-2009	12:29:14.019
EGOI_090622KSEP9912.E2	22-JUN-2009	14:08:10.118
EGOI_090622KSEP9941.E2	22-JUN-2009	15:46:12.209
EGOI_090622KSEP9973.E2	22-JUN-2009	17:23:59.308
EGOI_090622MAEP0916.E2	22-JUN-2009	09:17:57.855
EGOI_090622MAEP0924.E2	22-JUN-2009	10:57:28.460
EGOI_090622MIEP1825.E2	22-JUN-2009	02:06:49.242
EGOI_090622MIEP1847.E2	22-JUN-2009	03:44:19.828
EGOI_090622MIEP1868.E2	22-JUN-2009	14:27:02.727
EGOI_090622MIEP1884.E2	22-JUN-2009	16:03:37.814
EGOI_090622MIEP1891.E2	22-JUN-2009	17:45:32.433
EGOI_090622MSEP7686.E2	22-JUN-2009	00:24:00.612
EGOI_090622MSEP7709.E2	22-JUN-2009	11:03:08.995
EGOI_090622MSEP7736.E2	22-JUN-2009	12:42:41.097
EGOI_090622MSEP7768.E2	22-JUN-2009	22:12:46.060
EGOI_090622SGEP7778.E2	22-JUN-2009	04:26:51.586

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74103	22-JUN-2009	22:21:20.888	22:23:19.121	118.23300
KS	74102	22-JUN-2009	20:39:27.623	20:41:26.005	118.38200
KS	74101	22-JUN-2009	18:59:40.498	19:02:01.398	140.90000
KS	74094	22-JUN-2009	07:28:17.467	07:30:19.697	122.23000
KS	74095	22-JUN-2009	09:07:50.406	09:10:14.307	143.90100
KS	74096	22-JUN-2009	10:47:26.887	10:49:53.912	147.02500
KS	74097	22-JUN-2009	12:26:48.403	12:29:14.018	145.61500
KS	74098	22-JUN-2009	14:05:41.589	14:08:10.118	148.52900
KS	74099	22-JUN-2009	15:43:38.233	15:46:12.208	153.97500
KS	74100	22-JUN-2009	17:21:29.748	17:23:59.308	149.56000
GS	74091	22-JUN-2009	02:07:44.302	02:09:40.258	115.95600
GS	74092	22-JUN-2009	03:47:22.059	03:49:24.359	122.30000
MS	74090	22-JUN-2009	00:21:57.771	00:24:00.612	122.84100
MS	74096	22-JUN-2009	11:00:39.892	11:03:08.994	149.10200
MS	74097	22-JUN-2009	12:40:15.480	12:42:41.097	145.61700

MS	74103	22-JUN-2009	22:10:45.359	22:12:46.059	120.70000
MS	74104	22-JUN-2009	23:49:28.185	23:51:37.658	129.47300
MA	74095	22-JUN-2009	09:16:23.990	09:17:57.855	93.865000
MA	74096	22-JUN-2009	10:55:42.427	10:57:28.460	106.03300
MI	74091	22-JUN-2009	02:05:17.997	02:06:49.242	91.245000
MI	74092	22-JUN-2009	03:41:49.565	03:44:19.827	150.26200
MI	74098	22-JUN-2009	14:25:59.566	14:27:02.726	63.160000
MI	74099	22-JUN-2009	16:01:55.832	16:03:37.813	101.98100
MI	74100	22-JUN-2009	17:44:13.919	17:45:32.433	78.514000
BE	74091	22-JUN-2009	02:33:25.247	02:35:59.914	154.66700
BE	74092	22-JUN-2009	04:13:16.296	04:15:47.016	150.72000
SG	74092	22-JUN-2009	04:24:37.539	04:26:51.586	134.04700

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	74090	22-JUN-2009	01:27:40.044	01:37:37.537	597.49300
MM	74091	22-JUN-2009	03:10:30.696	03:18:08.338	457.64200
SG	74091	22-JUN-2009	02:45:02.239	02:57:41.706	759.46700
CM	74091	22-JUN-2009	03:40:59.990	03:53:02.613	722.62300
MM	74092	22-JUN-2009	04:53:30.844	04:59:22.848	352.00400
MM	74093	22-JUN-2009	06:35:23.986	06:41:56.553	392.56700
KS	74093	22-JUN-2009	05:49:59.233	05:52:29.518	150.28500
CM	74093	22-JUN-2009	05:22:33.149	05:30:13.017	459.86800
MM	74094	22-JUN-2009	08:16:11.521	08:25:00.995	529.47400
JO	74094	22-JUN-2009	07:53:07.544	08:07:55.211	887.66700
MM	74095	22-JUN-2009	09:56:31.114	10:07:26.325	655.21100
JO	74095	22-JUN-2009	09:34:11.480	09:45:53.488	702.00800
MM	74096	22-JUN-2009	11:36:35.786	11:48:48.234	732.44800
MM	74097	22-JUN-2009	13:16:26.882	13:29:08.847	761.96500
MM	74098	22-JUN-2009	14:56:02.721	15:08:43.599	760.87800
GS	74098	22-JUN-2009	14:17:53.257	14:27:53.105	599.84800
SG	74098	22-JUN-2009	15:19:09.367	15:33:00.773	831.40600
BE	74099	22-JUN-2009	15:31:18.476	15:41:39.082	620.60600
MM	74099	22-JUN-2009	16:35:22.301	16:47:54.863	752.56200
GS	74099	22-JUN-2009	15:56:03.366	16:09:59.470	836.10400

CM	74099	22-JUN-2009	16:04:53.527	16:17:00.599	727.07200
MM	74100	22-JUN-2009	18:14:30.970	18:27:04.747	753.77700
GS	74100	22-JUN-2009	17:36:13.451	17:47:13.798	660.34700
CM	74100	22-JUN-2009	17:45:59.467	17:53:41.565	462.09800
MM	74101	22-JUN-2009	19:53:44.521	20:06:26.953	762.43200
MA	74101	22-JUN-2009	19:01:50.916	19:10:57.187	546.27100
JO	74101	22-JUN-2009	20:13:14.601	20:27:45.948	871.34700
MM	74102	22-JUN-2009	21:33:26.127	21:46:05.621	759.49400
MA	74102	22-JUN-2009	20:31:36.613	20:45:19.341	822.72800
JO	74102	22-JUN-2009	21:53:06.480	22:05:56.653	770.17300
MM	74103	22-JUN-2009	23:13:57.257	23:25:59.358	722.10100
MA	74103	22-JUN-2009	22:14:23.285	22:23:39.123	555.83800

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1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	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	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperaturas B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibration Lamp and Instr. Status 3	OK

Scan Mirror and Motor Current	OK
Selected Temperature A	OK
Selected Temperature B	Ok
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

2.2 - Daily Plots

The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explaination see the GOME Performance Legend

PLOTS NA

3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	19:05:43	--	74101	Y	--	14340

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(D)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	Orbit End	MPS Resumption	Ground Station Visibility (Y/NS/NE)
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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5 - Instrument Operations

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility (Y/NS/NE)
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	Orbit End
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5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	Orbit End
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