GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	00:02:00
Start Time of First Product	02:01:00
Stop Time of Last Product	23:03:57
Number of EGOI Products analysed	41
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath continued from previous day, stop orbit 79797

1.2 - List of received products

Name	Date	Time
EGOI_100725GSEP1393.E2	25-JUL-2010	02:01:00.194
EGOI_100725GSEP1424.E2	25-JUL-2010	03:39:47.296
EGOI_100725GSEP1433.E2	25-JUL-2010	05:34:01.491
EGOI_100725HLEP6282.E2	25-JUL-2010	01:13:20.905
EGOI_100725HLEP6289.E2	25-JUL-2010	11:44:18.752
EGOI_100725HLEP6296.E2	25-JUL-2010	13:18:14.826
EGOI_100725KSEP2709.E2	25-JUL-2010	07:21:05.143
EGOI_100725KSEP2728.E2	25-JUL-2010	09:01:05.754
EGOI_100725KSEP2749.E2	25-JUL-2010	10:40:45.359

EGOI_100725KSEP2776.E2	25-JUL-2010	12:20:08.470
EGOI_100725KSEP2804.E2	25-JUL-2010	13:59:06.072
EGOI_100725KSEP2829.E2	25-JUL-2010	15:37:17.172
EGOI_100725KSEP2858.E2	25-JUL-2010	17:14:58.267
EGOI_100725KSEP2890.E2	25-JUL-2010	18:52:51.365
EGOI_100725KSEP2921.E2	25-JUL-2010	20:32:08.472
EGOI_100725KSEP2949.E2	25-JUL-2010	22:13:52.590
EGOI_100725MAEP4828.E2	25-JUL-2010	09:08:34.301
EGOI_100725MAEP4837.E2	25-JUL-2010	10:48:16.906
EGOI_100725MAEP4843.E2	24-JUL-2010	08:01:42.629
EGOI_100725MAEP4850.E2	24-JUL-2010	09:40:07.223
EGOI_100725MAEP4857.E2	23-JUL-2010	21:29:41.761
EGOI_100725MIEP7148.E2	25-JUL-2010	01:59:04.682
EGOI_100725MIEP7174.E2	25-JUL-2010	03:36:09.776
EGOI_100725MIEP7193.E2	25-JUL-2010	05:19:35.901
EGOI_100725MIEP7208.E2	25-JUL-2010	14:20:07.701
EGOI_100725MIEP7218.E2	25-JUL-2010	15:55:09.785
EGOI_100725MIEP7234.E2	25-JUL-2010	17:36:35.900
EGOI_100725MMEP1918.E2	25-JUL-2010	01:19:40.443
EGOI_100725MMEP1925.E2	25-JUL-2010	03:02:11.065
EGOI_100725MMEP1932.E2	25-JUL-2010	04:44:55.190
EGOI_100725MMEP1942.E2	25-JUL-2010	11:28:48.654
EGOI_100725MMEP1950.E2	25-JUL-2010	13:08:49.263
EGOI_100725MMEP1960.E2	25-JUL-2010	14:48:25.879
EGOI_100725MMEP1968.E2	25-JUL-2010	16:28:02.482
EGOI_100725MMEP1977.E2	25-JUL-2010	18:08:12.091
EGOI_100725MMEP1984.E2	25-JUL-2010	19:46:39.694
EGOI_100725MMEP1990.E2	25-JUL-2010	21:26:26.805
EGOI_100725MSEP3579.E2	25-JUL-2010	00:14:32.545
EGOI_100725MSEP3601.E2	25-JUL-2010	10:54:21.443
EGOI_100725MSEP3629.E2	25-JUL-2010	12:33:34.049
EGOI_100725MSEP3658.E2	25-JUL-2010	22:03:57.032

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79791	25-JUL-2010	07:19:46.642	07:21:05.142	78.500000
KS	79792	25-JUL-2010	08:59:17.990	09:01:05.753	107.76300
KS	79793	25-JUL-2010	10:38:54.962	10:40:45.358	110.39600
KS	79794	25-JUL-2010	12:18:18.459	12:20:08.470	110.01100
KS	79795	25-JUL-2010	13:57:12.507	13:59:06.071	113.56400
KS	79796	25-JUL-2010	15:35:15.524	15:37:17.172	121.64800
KS	79797	25-JUL-2010	17:13:03.624	17:14:58.267	114.64300

KS	79798	25-JUL-2010	18:51:11.964	18:52:51.365	99.401000
KS	79799	25-JUL-2010	20:30:50.055	20:32:08.471	78.416000
KS	79800	25-JUL-2010	22:12:30.840	22:13:52.590	81.750000
KS	79801	25-JUL-2010	23:57:17.100	23:58:27.729	70.629000
GS	79788	25-JUL-2010	01:59:24.256	02:01:00.193	95.937000
GS	79789	25-JUL-2010	03:38:38.445	03:39:47.295	68.850000
MS	79787	25-JUL-2010	00:12:59.991	00:14:32.545	92.554000
MS	79793	25-JUL-2010	10:52:20.011	10:54:21.442	121.43100
MS	79794	25-JUL-2010	12:31:36.407	12:33:34.049	117.64200
MS	79800	25-JUL-2010	22:02:36.664	22:03:57.031	80.367000
MS	79801	25-JUL-2010	23:40:45.438	23:42:21.635	96.197000
MA	79793	25-JUL-2010	10:47:02.173	10:48:16.905	74.732000
MI	79788	25-JUL-2010	01:57:32.479	01:59:04.682	92.203000
MI	79789	25-JUL-2010	03:33:16.254	03:36:09.776	173.52200
MI	79790	25-JUL-2010	05:18:28.213	05:19:35.900	67.687000
MI	79796	25-JUL-2010	15:53:25.703	15:55:09.784	104.08100
MI	79797	25-JUL-2010	17:34:59.823	17:36:35.899	96.076000
MM	79796	25-JUL-2010	16:26:52.055	16:28:02.481	70.426000
MM	79797	25-JUL-2010	18:06:01.188	18:08:12.091	130.90300
MM	79798	25-JUL-2010	19:45:13.459	19:46:39.693	86.234000
MM	79799	25-JUL-2010	21:24:51.741	21:26:26.805	95.064000
Missing	data	BE,			

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79787	25-JUL-2010	01:06:59.628	01:20:11.188	791.56000
BE	79788	25-JUL-2010	02:24:58.690	02:37:52.032	773.34200
SG	79788	25-JUL-2010	02:36:50.175	02:48:54.607	724.43200
CM	79788	25-JUL-2010	03:32:40.891	03:44:24.303	703.41200
BE	79789	25-JUL-2010	04:04:36.985	04:16:33.404	716.41900
SG	79789	25-JUL-2010	04:15:48.465	04:28:08.881	740.41600
CM	79789	25-JUL-2010	05:13:22.242	05:22:18.677	536.43500
MM	79790	25-JUL-2010	06:26:43.257	06:33:06.594	383.33700
MM	79791	25-JUL-2010	08:07:34.601	08:16:11.796	517.19500
JO	79791	25-JUL-2010	07:44:45.125	07:59:20.071	874.94600

MM	79792	25-JUL-2010	09:47:55.803	09:58:41.960	646.15700
JO	79792	25-JUL-2010	09:25:13.314	09:37:43.294	749.98000
HO	79795	25-JUL-2010	14:57:09.858	15:06:27.821	557.96300
GS	79795	25-JUL-2010	14:09:41.975	14:18:45.794	543.81900
SG	79795	25-JUL-2010	15:10:43.200	15:24:27.420	824.22000
BE	79796	25-JUL-2010	15:22:20.787	15:33:23.582	662.79500
GS	79796	25-JUL-2010	15:47:32.553	16:01:27.094	834.54100
SG	79796	25-JUL-2010	16:52:40.113	17:00:40.571	480.45800
CM	79796	25-JUL-2010	15:56:31.395	16:08:20.523	709.12800
GS	79797	25-JUL-2010	17:27:34.153	17:39:04.764	690.61100
CM	79797	25-JUL-2010	17:36:57.920	17:45:51.225	533.30500
MA	79798	25-JUL-2010	18:50:20.596	18:54:34.885	254.28900
JO	79798	25-JUL-2010	20:04:51.775	20:19:04.102	852.32700
MA	79799	25-JUL-2010	20:23:10.872	20:36:57.638	826.76600
JO	79799	25-JUL-2010	21:44:23.701	21:57:46.824	803.12300
HO	79800	25-JUL-2010	22:56:27.378	23:09:45.921	798.54300
MM	79800	25-JUL-2010	23:05:17.953	23:17:25.074	727.12100
MA	79800	25-JUL-2010	22:05:21.922	22:15:25.499	603.57700

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

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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	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	17:16:04.274	--	79797	Yes	--	14550

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
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(1)

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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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5 - Instrument Operations

Additional Info

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
19:00	18:00	79784	79797

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors