

GOME Operations for December 2007

Draft report based on analysis of EGOI data using the Daily Reports and ERGO software system of the PCS

GOME Operations during December 2007

Date	Operations	remark
01/12/07	data available within visibility of groundstation	start of sun calibration: 10:35:43.440
02/12/07	data available within visibility of groundstation	start of sun calibration: 13:25:23.282
03/12/07	data available within visibility of groundstation	start of sun calibration: 12:53:49.889
04/12/07	SEU data available within visibility of groundstation	No solar calibration available due to GOME anomaly and to an ERS2 orbit manoeuvre
05/12/07	data available within visibility of groundstation	No solar calibration available due to the execution of an ERS2 orbit manoeuvre
06/12/07	data available within visibility of groundstation	No solar calibration available due to the execution of an ERS2 orbit manoeuvre
07/12/07	data available within visibility of groundstation	No solar calibration available due to the execution of an ERS2 orbit manoeuvre
08/12/07	data available within visibility of groundstation	No solar calibration available due the execution of an ERS2 orbit manoeuvre
09/12/07	data available within visibility of groundstation	start of sun calibration: 13:05:40.607
10/12/07	data available within visibility of groundstation	start of sun calibration: 12:34:01.255
11/12/07	data available within visibility of groundstation	start of sun calibration: 12:02:27.841
12/12/07	data available within visibility of groundstation	start of sun calibration: 11:30:54.447
13/12/07	data available within visibility of groundstation	start of sun calibration: 10:59:21.057
14/12/07	data available within visibility of groundstation	start of sun calibration: 10:27:45.385
15/12/07	data available within visibility of groundstation	start of sun calibration: 13:17:19.223
16/12/07	data available within visibility of groundstation	start of sun calibration: 12:45:45.826
17/12/07	data available within visibility of groundstation	start of sun calibration: 10:50:54.99
18/12/07	data available within visibility of groundstation	start of sun calibration: 11:42:33.028
19/12/07	data available within visibility of groundstation	No solar calibration available due to the execution of an ERS2 orbit manoeuvre
20/12/07	data available within visibility of groundstation	start of sun calibration: 10:43:15.740
21/12/07	data available within visibility of groundstation	start of sun calibration: 13:28:54.047
22/12/07	data available within visibility of groundstation	start of sun calibration: 12:57:20.638
23/12/07	data available within visibility of groundstation	start of sun calibration: 12:25:41.229

24/12/07	data available within visibility of groundstation	start of sun calibration: 11:54:07.790
25/12/07	data available within visibility of groundstation	start of sun calibration: 11:22:28.394
26/12/07	data available within visibility of groundstation	start of sun calibration: 10:50:54.99
27/12/07	data available within visibility of groundstation	start of sun calibration: 10:19:15.603
28/12/07	data available within visibility of groundstation	start of sun calibration: 13:08:49.435
29/12/07	data available within visibility of groundstation	start of sun calibration: 12:37:10.050
30/12/07	data available within visibility of groundstation	start of sun calibration: 12:05:36.673
31/12/07	data available within visibility of groundstation	start of sun calibration: 11:33:57.276

Anomalies:

single event upsets (SEU):

Date	Reason
04/12/07	<p>GOME anomalous behavior during orbits 65995-65996, ~12:00 - 15:00</p> <ul style="list-style-type: none"> - 3xNack flag is set contiguously - scan mirror position is set to 261.4 deg continuously (no scanning) - increase of thermal environment related to scan mirror (scan mirror unit, scan motor, etc.) <p>this anomaly was cured with a time tag GMN11, switch off/on of GOME at 15:08:20, data starting with orbit 65997 are nominal again</p>

list of datagaps:

Date	Orbit No.	duration	reason
01/12/07	65945	00:22:22 - 00:24:51	gap at KS
01/12/07	65946	02:52:50 - 03:00:52	gap at MM
01/12/07	65949	07:58:57 - 08:07:22	gap at MM
01/12/07	65950	09:39:20 - 09:49:57	gap at MM
01/12/07	65950	08:59:58 - 09:12:24	gap at MA
01/12/07	65954	15:13:27 - 15:25:05	gap at BE
01/12/07	65954	15:48:12 - 15:59:36	gap at CM
01/12/07	65955	17:57:31 - 18:10:04	gap at MM
01/12/07	65955	17:28:03 - 17:37:52	gap at CM
01/12/07	65957	20:14:47 - 20:28:33	gap at MA
01/12/07	65958	21:55:51 - 22:07:08	gap at MA
02/12/07	65960	01:45:58 - 01:56:45	gap at BE
02/12/07	65961	03:24:28 - 03:37:42	gap at BE
02/12/07	65961	02:54:50 - 03:03:19	gap at CM
02/12/07	65961	04:32:03 - 04:44:00	gap at CM
02/12/07	65964	09:07:49 - 09:17:48	gap at MM

02/12/07	65966	11:48:56 - 11:54:34	gap at MA
02/12/07	65967	14:16:36 - 14:29:24	gap at HO
02/12/07	65967	14:07:42 - 14:20:25	gap at MM
02/12/07	65968	14:41:20 - 14:54:19	gap at BE
02/12/07	65968	15:47:09 - 15:59:45	gap at MM
02/12/07	65968	15:18:21 - 15:26:52	gap at CM
02/12/07	65969	17:26:22 - 17:38:53	gap at MM
02/12/07	65969	16:56:00 - 17:07:51	gap at CM
02/12/07	65970	19:05:30 - 19:18:09	gap at MM
02/12/07	65971	19:44:18 - 19:56:44	gap at MA
02/12/07	65972	22:18:01 - 22:29:37	gap at HO
03/12/07	65974	01:36:27 - 01:47:54	gap at HO
03/12/07	65975	02:53:12 - 03:06:35	gap at BE
03/12/07	65975	03:04:24 - 03:17:57	gap at SG
03/12/07	65975	04:00:37 - 04:13:02	gap at CM
03/12/07	65976	04:33:34 - 04:43:43	gap at BE
03/12/07	65976	04:45:33 - 04:54:56	gap at SG
03/12/07	65977	06:55:37 - 07:02:33	gap at MM
03/12/07	65978	07:59:07 - 08:07:05	gap at MA
03/12/07	65981	13:36:23 - 13:49:06	gap at MM
03/12/07	65982	14:09:49 - 14:23:14	gap at BE
03/12/07	65982	15:15:55 - 15:28:34	gap at MM
03/12/07	65983	15:52:36 - 16:00:37	gap at BE
03/12/07	65983	16:55:12 - 17:07:44	gap at MM
03/12/07	65984	18:34:20 - 18:46:55	gap at MM
03/12/07	65985	19:16:24 - 19:24:43	gap at MA
03/12/07	65986	21:48:52 - 21:57:36	gap at HO
03/12/07	65986	21:53:27 - 22:06:03	gap at MM
03/12/07	65986	20:51:24 - 21:05:07	gap at MA
03/12/07	65987	23:24:07 - 23:38:20	gap at HO
03/12/07	65987	22:35:59 - 22:42:28	gap at MA
03/12/07	65987	22:42:02 - 22:52:35	gap at KS
03/12/07	65983	16:30:01 - 16:34:59	gap at MI
04/12/07	65988	01:04:05 - 01:17:23	gap at HO
04/12/07	65988	00:10:01 - 00:21:33	gap at MS
04/12/07	65989	02:22:10 - 02:34:58	gap at BE
04/12/07	65990	04:01:44 - 04:13:48	gap at BE
04/12/07	65990	03:30:25 - 03:43:48	gap at MI
04/12/07	65990	04:12:53 - 04:25:24	gap at SG
04/12/07	65991	06:23:49 - 06:30:09	gap at MM
04/12/07	65992	08:04:42 - 08:13:15	gap at MM
04/12/07	65994	11:35:04 - 11:47:07	gap at HO
04/12/07	65994	11:25:10 - 11:37:16	gap at MM
04/12/07	65995	13:13:35 - 13:28:24	gap at HO
04/12/07	65995	13:05:02 - 13:17:43	gap at MM
04/12/07	65996	14:44:40 - 14:57:22	gap at MM
04/12/07	65997	15:19:22 - 15:30:37	gap at BE
04/12/07	65997	16:24:01 - 16:36:35	gap at MM

04/12/07	65999	18:47:33 - 18:51:43	gap at MA
04/12/07	66000	21:22:00 - 21:34:41	gap at MM
04/12/07	66001	22:01:51 - 22:12:40	gap at MA
05/12/07	66002	00:32:01 - 00:46:32	gap at HO
05/12/07	66003	01:51:29 - 02:02:42	gap at BE
05/12/07	66008	11:05:10 - 11:13:57	gap at HO
05/12/07	66009	12:42:26 - 12:57:09	gap at HO
05/12/07	66009	11:55:05 - 11:59:33	gap at MA
05/12/07	66010	14:22:22 - 14:34:55	gap at HO
05/12/07	66010	14:13:23 - 14:26:07	gap at MM
05/12/07	66011	15:52:50 - 16:05:25	gap at MM
05/12/07	66011	16:16:37 - 16:28:49	gap at SG
05/12/07	66013	19:11:10 - 19:23:49	gap at MM
05/12/07	66014	20:50:37 - 21:03:21	gap at MM
05/12/07	66014	19:49:48 - 20:02:37	gap at MA
05/12/07	66015	22:23:26 - 22:35:22	gap at HO
05/12/07	66015	22:30:45 - 22:43:08	gap at MM
05/12/07	66008	10:18:25 - 10:25:36	gap at MA
05/12/07	66015	21:28:58 - 21:31:05	gap at MA
05/12/07	66006	07:38:15 - 07:40:52	gap at MM
05/12/07	66011	14:50:47 - 14:59:56	gap at BE
06/12/07	66016	00:00:48 - 00:15:19	gap at HO
06/12/07	66017	01:42:37 - 01:53:25	gap at HO
06/12/07	66019	04:39:23 - 04:49:05	gap at BE
06/12/07	66019	04:07:47 - 04:20:19	gap at MI
06/12/07	66019	05:46:53 - 05:59:18	gap at CM
06/12/07	66020	07:01:23 - 07:08:27	gap at MM
06/12/07	66023	12:11:28 - 12:25:18	gap at HO
06/12/07	66024	13:50:40 - 14:04:56	gap at HO
06/12/07	66024	13:42:05 - 13:54:48	gap at MM
06/12/07	66025	14:15:30 - 14:28:54	gap at BE
06/12/07	66026	15:58:50 - 16:05:54	gap at BE
06/12/07	66027	18:40:00 - 18:52:36	gap at MM
06/12/07	66028	20:19:19 - 20:32:02	gap at MM
06/12/07	66028	19:21:42 - 19:30:34	gap at MA
06/12/07	66029	21:54:05 - 22:03:28	gap at HO
06/12/07	66029	21:59:11 - 22:11:45	gap at MM
06/12/07	66029	20:57:07 - 21:10:47	gap at MA
06/12/07	66030	23:29:43 - 23:44:02	gap at HO
06/12/07	66030	23:39:58 - 23:51:42	gap at MM
06/12/07	66030	22:42:26 - 22:47:40	gap at MA
06/12/07	66021	08:03:53 - 08:05:04	gap at MA
06/12/07	66018	02:58:52 - 03:01:14	gap at BE
07/12/07	66031	01:09:53 - 01:22:58	gap at HO
07/12/07	66031	01:21:48 - 01:31:53	gap at MM
07/12/07	66032	02:39:33 - 02:51:50	gap at SG
07/12/07	66034	06:29:36 - 06:36:03	gap at MM
07/12/07	66037	11:30:53 - 11:43:02	gap at MM

07/12/07	66038	13:10:44 - 13:23:26	gap at MM
07/12/07	66039	15:00:05 - 15:09:12	gap at HO
07/12/07	66040	15:25:19 - 15:36:09	gap at BE
07/12/07	66042	19:48:03 - 20:00:45	gap at MM
07/12/07	66042	18:53:07 - 18:57:26	gap at MA
07/12/07	66043	21:27:43 - 21:40:23	gap at MM
07/12/07	66044	22:59:14 - 23:12:37	gap at HO
07/12/07	66044	23:08:10 - 23:20:16	gap at MM
07/12/07	66044	22:08:21 - 22:18:10	gap at MA
07/12/07	66033	03:44:19 - 03:49:28	gap at MI
08/12/07	66045	00:37:54 - 00:52:11	gap at HO
08/12/07	66045	00:49:41 - 01:00:22	gap at MM
08/12/07	66045	00:00:21 - 00:05:49	gap at KS
08/12/07	66046	02:32:14 - 02:40:45	gap at MM
08/12/07	66046	02:10:11 - 02:18:58	gap at SG
08/12/07	66047	03:35:54 - 03:48:53	gap at BE
08/12/07	66047	04:15:19 - 04:21:38	gap at MM
08/12/07	66047	03:46:51 - 04:00:29	gap at SG
08/12/07	66051	10:59:27 - 11:11:16	gap at MM
08/12/07	66053	14:28:08 - 14:40:10	gap at HO
08/12/07	66053	14:19:05 - 14:31:48	gap at MM
08/12/07	66053	14:42:58 - 14:55:35	gap at SG
08/12/07	66054	14:52:56 - 15:05:33	gap at BE
08/12/07	66054	16:22:31 - 16:34:15	gap at SG
08/12/07	66054	15:29:03 - 15:38:56	gap at CM
08/12/07	66055	17:07:34 - 17:18:53	gap at CM
08/12/07	66056	19:16:51 - 19:29:30	gap at MM
08/12/07	66057	20:56:19 - 21:09:03	gap at MM
08/12/07	66058	22:28:52 - 22:41:06	gap at HO
08/12/07	66051	10:18:32 - 10:20:42	gap at MA
08/12/07	66057	19:55:19 - 20:01:34	gap at MA
08/12/07	66046	02:04:03 - 02:08:38	gap at BE
09/12/07	66059	00:06:25 - 00:21:00	gap at HO
09/12/07	66060	01:48:58 - 01:58:53	gap at HO
09/12/07	66061	02:37:11 - 02:41:41	gap at CM
09/12/07	66061	04:11:58 - 04:24:21	gap at CM
09/12/07	66062	04:45:15 - 04:54:25	gap at BE
09/12/07	66065	10:27:59 - 10:39:24	gap at MM
09/12/07	66067	13:56:25 - 14:10:23	gap at HO
09/12/07	66067	13:47:46 - 14:00:30	gap at MM
09/12/07	66068	14:21:13 - 14:34:34	gap at BE
09/12/07	66068	15:00:41 - 15:04:38	gap at CM
09/12/07	66069	16:05:11 - 16:11:05	gap at BE
09/12/07	66069	16:35:57 - 16:48:19	gap at CM
09/12/07	66070	18:45:40 - 18:58:16	gap at MM
09/12/07	66071	20:25:00 - 20:37:44	gap at MM
09/12/07	66071	19:27:03 - 19:36:24	gap at MA
09/12/07	66072	22:04:55 - 22:17:27	gap at MM

09/12/07	66072	21:03:00 - 21:16:26	gap at MA
09/12/07	66073	23:35:21 - 23:49:44	gap at HO
09/12/07	66062	04:21:32 - 04:31:03	gap at GS
09/12/07	66061	03:04:32 - 03:07:56	gap at BE
10/12/07	66074	01:15:43 - 01:28:32	gap at HO
10/12/07	66074	01:27:40 - 01:37:37	gap at MM
10/12/07	66075	02:33:25 - 02:46:32	gap at BE
10/12/07	66075	03:10:30 - 03:18:08	gap at MM
10/12/07	66075	03:40:59 - 03:53:02	gap at CM
10/12/07	66076	04:13:16 - 04:24:45	gap at BE
10/12/07	66076	04:53:30 - 04:59:22	gap at MM
10/12/07	66077	05:49:59 - 05:52:29	gap at KS
10/12/07	66077	05:22:33 - 05:30:13	gap at CM
10/12/07	66078	08:16:11 - 08:25:00	gap at MM
10/12/07	66079	09:56:31 - 10:07:26	gap at MM
10/12/07	66080	11:36:35 - 11:48:48	gap at MM
10/12/07	66081	13:16:26 - 13:29:08	gap at MM
10/12/07	66082	15:05:55 - 15:14:40	gap at HO
10/12/07	66082	15:19:09 - 15:33:00	gap at SG
10/12/07	66083	15:31:18 - 15:41:39	gap at BE
10/12/07	66083	16:35:22 - 16:47:54	gap at MM
10/12/07	66083	16:01:55 - 16:15:18	gap at MI
10/12/07	66083	16:04:53 - 16:17:00	gap at CM
10/12/07	66084	18:14:30 - 18:27:04	gap at MM
10/12/07	66084	17:44:13 - 17:50:06	gap at MI
10/12/07	66084	17:21:29 - 17:34:13	gap at KS
10/12/07	66084	17:36:13 - 17:47:13	gap at GS
10/12/07	66084	17:45:59 - 17:53:41	gap at CM
10/12/07	66085	19:53:44 - 20:06:26	gap at MM
10/12/07	66085	18:58:20 - 19:03:08	gap at MA
10/12/07	66085	18:59:40 - 19:13:33	gap at KS
10/12/07	66085	19:14:27 - 19:27:29	gap at PS
10/12/07	66086	21:33:26 - 21:46:05	gap at MM
10/12/07	66086	20:31:36 - 20:45:19	gap at MA
10/12/07	66086	20:39:27 - 20:53:08	gap at KS
10/12/07	66086	20:54:44 - 21:03:05	gap at PS
10/12/07	66087	23:04:43 - 23:18:21	gap at HO
10/12/07	66087	23:13:57 - 23:25:59	gap at MM
10/12/07	66087	22:10:45 - 22:22:15	gap at MS
10/12/07	66087	22:14:23 - 22:23:39	gap at MA
10/12/07	66087	22:21:20 - 22:32:43	gap at KS
10/12/07	66088	23:49:28 - 00:02:08	gap at MS
11/12/07	66088	00:43:42 - 00:57:48	gap at HO
11/12/07	66088	00:55:31 - 01:06:06	gap at MM
11/12/07	66088	00:06:32 - 00:11:21	gap at KS
11/12/07	66089	02:02:35 - 02:14:31	gap at BE
11/12/07	66089	02:38:07 - 02:46:30	gap at MM
11/12/07	66089	01:37:20 - 01:49:31	gap at GS

11/12/07	66089	02:15:24 - 02:25:04	gap at SG
11/12/07	66090	03:41:38 - 03:54:27	gap at BE
11/12/07	66090	04:21:12 - 04:27:26	gap at MM
11/12/07	66090	03:15:33 - 03:29:20	gap at GS
11/12/07	66090	03:52:35 - 04:06:04	gap at SG
11/12/07	66091	04:58:21 - 05:12:15	gap at PS
11/12/07	66092	06:40:34 - 06:50:49	gap at PS
11/12/07	66093	09:25:01 - 09:35:21	gap at MM
11/12/07	66094	11:05:10 - 11:17:03	gap at MM
11/12/07	66094	10:30:22 - 10:40:45	gap at MS
11/12/07	66095	12:45:05 - 12:57:42	gap at MM
11/12/07	66096	14:33:55 - 14:45:36	gap at HO
11/12/07	66096	14:24:46 - 14:37:29	gap at MM
11/12/07	66097	14:58:46 - 15:11:09	gap at BE
11/12/07	66097	15:24:54 - 15:38:30	gap at GS
11/12/07	66098	17:43:21 - 17:55:53	gap at MM
11/12/07	66098	17:04:33 - 17:17:09	gap at GS
11/12/07	66099	19:22:31 - 19:35:11	gap at MM
11/12/07	66099	18:43:05 - 18:56:46	gap at PS
11/12/07	66100	21:02:01 - 21:14:44	gap at MM
11/12/07	66100	20:23:07 - 20:33:24	gap at PS
11/12/07	66101	22:34:19 - 22:46:50	gap at HO
11/12/07	66101	22:42:15 - 22:54:34	gap at MM
11/12/07	66101	21:40:35 - 21:53:13	gap at MA
11/12/07	66096	13:34:55 - 13:46:49	gap at KS
11/12/07	66098	17:19:31 - 17:21:33	gap at MI
11/12/07	66096	14:48:28 - 14:50:46	gap at SG
11/12/07	66090	04:49:32 - 04:51:40	gap at CM
12/12/07	66102	00:12:03 - 00:26:41	gap at HO
12/12/07	66102	00:23:28 - 00:34:37	gap at MM
12/12/07	66103	01:55:11 - 02:04:13	gap at HO
12/12/07	66103	02:05:46 - 02:14:54	gap at MM
12/12/07	66103	01:07:25 - 01:17:47	gap at GS
12/12/07	66104	03:48:49 - 03:55:37	gap at MM
12/12/07	66104	02:44:13 - 02:58:07	gap at GS
12/12/07	66104	03:21:15 - 03:35:06	gap at SG
12/12/07	66105	04:51:07 - 04:59:43	gap at BE
12/12/07	66105	04:25:44 - 04:36:36	gap at GS
12/12/07	66106	06:07:52 - 06:20:05	gap at PS
12/12/07	66107	08:53:29 - 09:03:10	gap at MM
12/12/07	66108	10:33:42 - 10:45:12	gap at MM
12/12/07	66109	12:13:42 - 12:26:11	gap at MM
12/12/07	66109	11:34:12 - 11:41:40	gap at MA
12/12/07	66111	14:26:56 - 14:40:13	gap at BE
12/12/07	66111	14:53:57 - 15:06:32	gap at GS
12/12/07	66111	15:05:28 - 15:11:15	gap at CM
12/12/07	66112	17:12:12 - 17:24:44	gap at MM
12/12/07	66112	16:33:04 - 16:46:37	gap at GS

12/12/07	66113	18:51:20 - 19:03:57	gap at MM
12/12/07	66113	18:14:00 - 18:22:00	gap at GS
12/12/07	66114	20:30:41 - 20:43:25	gap at MM
12/12/07	66114	19:30:36 - 19:42:13	gap at MA
12/12/07	66114	19:51:37 - 20:03:23	gap at PS
12/12/07	66115	22:04:35 - 22:15:08	gap at HO
12/12/07	66115	22:10:39 - 22:23:10	gap at MM
12/12/07	66116	23:41:02 - 23:55:25	gap at HO
12/12/07	66116	23:51:33 - 00:03:09	gap at MM
12/12/07	66104	03:10:14 - 03:14:39	gap at BE
12/12/07	66111	15:56:15 - 16:03:21	gap at SG
12/12/07	66104	04:17:40 - 04:19:14	gap at CM
13/12/07	66116	23:51:33 - 00:03:09	gap at MM
13/12/07	66117	01:21:35 - 01:34:05	gap at HO
13/12/07	66117	01:33:31 - 01:43:21	gap at MM
13/12/07	66118	03:16:24 - 03:23:53	gap at MM
13/12/07	66118	02:13:44 - 02:26:46	gap at GS
13/12/07	66119	04:59:22 - 05:05:12	gap at MM
13/12/07	66119	03:53:12 - 04:05:57	gap at GS
13/12/07	66120	05:35:45 - 05:49:05	gap at PS
13/12/07	66120	05:55:25 - 05:59:51	gap at KS
13/12/07	66121	08:21:56 - 08:30:53	gap at MM
13/12/07	66122	10:02:14 - 10:13:15	gap at MM
13/12/07	66123	11:42:18 - 11:54:33	gap at MM
13/12/07	66125	13:55:39 - 14:09:01	gap at BE
13/12/07	66125	15:11:46 - 15:20:07	gap at HO
13/12/07	66125	15:01:43 - 15:14:24	gap at MM
13/12/07	66125	14:23:23 - 14:33:54	gap at GS
13/12/07	66126	15:37:19 - 15:47:07	gap at BE
13/12/07	66126	16:41:02 - 16:53:34	gap at MM
13/12/07	66126	16:01:44 - 16:15:39	gap at GS
13/12/07	66127	18:20:10 - 18:32:45	gap at MM
13/12/07	66127	17:42:00 - 17:52:38	gap at GS
13/12/07	66128	19:59:25 - 20:12:08	gap at MM
13/12/07	66128	19:20:10 - 19:33:02	gap at MA
13/12/07	66129	21:39:09 - 21:51:47	gap at MM
13/12/07	66129	20:37:14 - 20:50:54	gap at MA
13/12/07	66129	21:00:30 - 21:08:26	gap at PS
13/12/07	66130	23:10:12 - 23:24:04	gap at HO
13/12/07	66130	23:19:43 - 23:31:42	gap at MM
13/12/07	66130	22:20:27 - 22:29:05	gap at MA
13/12/07	66122	09:21:42 - 09:29:14	gap at MA
13/12/07	66118	03:46:34 - 03:48:22	gap at CM
14/12/07	66131	00:49:31 - 01:03:24	gap at HO
14/12/07	66131	01:01:21 - 01:11:50	gap at MM
14/12/07	66131	00:12:47 - 00:16:50	gap at KS
14/12/07	66132	02:44:00 - 02:52:14	gap at MM
14/12/07	66133	04:27:05 - 04:33:14	gap at MM

14/12/07	66134	06:09:20 - 06:15:27	gap at MM
14/12/07	66135	07:50:20 - 07:58:32	gap at MM
14/12/07	66136	09:30:44 - 09:41:11	gap at MM
14/12/07	66137	11:21:21 - 11:31:59	gap at HO
14/12/07	66137	11:10:52 - 11:22:50	gap at MM
14/12/07	66138	12:59:23 - 13:14:12	gap at HO
14/12/07	66139	14:39:42 - 14:50:47	gap at HO
14/12/07	66140	15:04:37 - 15:16:44	gap at BE
14/12/07	66140	16:09:51 - 16:22:25	gap at MM
14/12/07	66141	17:49:01 - 18:01:33	gap at MM
14/12/07	66142	19:28:11 - 19:40:52	gap at MM
14/12/07	66143	21:07:44 - 21:20:26	gap at MM
14/12/07	66144	22:39:46 - 22:52:34	gap at HO
14/12/07	66137	10:29:51 - 10:35:36	gap at MA
14/12/07	66143	20:06:25 - 20:11:27	gap at MA
14/12/07	66144	21:57:27 - 21:58:48	gap at MA
14/12/07	66139	14:30:27 - 14:33:40	gap at MM
14/12/07	66139	14:34:22 - 14:43:10	gap at MM
14/12/07	66133	03:58:21 - 04:00:12	gap at SG
14/12/07	66133	03:16:14 - 03:21:52	gap at CM
15/12/07	66145	00:17:43 - 00:32:21	gap at HO
15/12/07	66145	00:29:18 - 00:40:20	gap at MM
15/12/07	66146	02:01:23 - 02:09:30	gap at HO
15/12/07	66146	02:11:39 - 02:20:39	gap at MM
15/12/07	66146	01:12:49 - 01:23:34	gap at GS
15/12/07	66147	03:54:42 - 04:01:23	gap at MM
15/12/07	66147	03:26:54 - 03:40:47	gap at SG
15/12/07	66148	04:57:01 - 05:04:59	gap at BE
15/12/07	66148	05:37:21 - 05:43:10	gap at MM
15/12/07	66149	07:18:41 - 07:26:08	gap at MM
15/12/07	66150	08:59:13 - 09:09:01	gap at MM
15/12/07	66151	10:39:26 - 10:51:00	gap at MM
15/12/07	66152	12:28:22 - 12:42:52	gap at HO
15/12/07	66152	11:40:00 - 11:46:53	gap at MA
15/12/07	66153	14:07:57 - 14:21:12	gap at HO
15/12/07	66154	14:32:41 - 14:45:52	gap at BE
15/12/07	66154	15:38:38 - 15:51:15	gap at MM
15/12/07	66154	15:10:31 - 15:17:36	gap at CM
15/12/07	66155	17:17:52 - 17:30:23	gap at MM
15/12/07	66155	16:47:23 - 16:59:31	gap at CM
15/12/07	66156	18:57:00 - 19:09:38	gap at MM
15/12/07	66157	19:36:04 - 19:48:01	gap at MA
15/12/07	66158	22:09:58 - 22:20:56	gap at HO
15/12/07	66158	22:16:23 - 22:28:52	gap at MM
15/12/07	66158	21:14:32 - 21:27:47	gap at MA
15/12/07	66150	08:23:36 - 08:31:15	gap at MA
15/12/07	66147	04:23:24 - 04:25:08	gap at CM
16/12/07	66159	23:46:41 - 00:01:06	gap at HO

16/12/07	66160	01:27:36 - 01:39:37	gap at HO
16/12/07	66161	02:56:04 - 03:09:18	gap at SG
16/12/07	66161	03:52:10 - 04:04:29	gap at CM
16/12/07	66162	04:24:50 - 04:35:38	gap at BE
16/12/07	66162	05:05:13 - 05:11:01	gap at MM
16/12/07	66162	03:53:18 - 04:06:21	gap at MI
16/12/07	66163	06:46:57 - 06:53:43	gap at MM
16/12/07	66163	06:00:56 - 06:06:04	gap at KS
16/12/07	66163	05:35:14 - 05:40:19	gap at CM
16/12/07	66164	08:27:40 - 08:36:46	gap at MM
16/12/07	66165	10:07:58 - 10:19:04	gap at MM
16/12/07	66165	09:27:21 - 09:40:56	gap at MA
16/12/07	66166	11:57:24 - 12:10:38	gap at HO
16/12/07	66166	11:48:01 - 12:00:19	gap at MM
16/12/07	66167	13:36:22 - 13:50:57	gap at HO
16/12/07	66168	14:01:18 - 14:14:42	gap at BE
16/12/07	66168	15:17:38 - 15:25:29	gap at HO
16/12/07	66168	15:07:24 - 15:20:04	gap at MM
16/12/07	66169	15:43:23 - 15:52:33	gap at BE
16/12/07	66169	16:46:42 - 16:59:14	gap at MM
16/12/07	66169	16:16:07 - 16:28:28	gap at CM
16/12/07	66170	18:25:50 - 18:38:25	gap at MM
16/12/07	66170	17:58:21 - 18:03:46	gap at CM
16/12/07	66171	19:08:33 - 19:15:54	gap at MA
16/12/07	66172	21:44:52 - 21:57:29	gap at MM
16/12/07	66172	20:42:54 - 20:56:36	gap at MA
16/12/07	66173	23:15:43 - 23:29:47	gap at HO
16/12/07	66173	22:26:36 - 22:34:29	gap at MA
16/12/07	66162	04:41:33 - 04:47:01	gap at SG
17/12/07	66303	01:12:47 - 01:25:45	gap at HO
17/12/07	66303	01:24:44 - 01:34:45	gap at MM
17/12/07	66304	03:07:33 - 03:15:15	gap at MM
17/12/07	66304	03:38:13 - 03:50:10	gap at CM
17/12/07	66305	04:50:34 - 04:56:28	gap at MM
17/12/07	66306	06:32:30 - 06:38:59	gap at MM
17/12/07	66306	05:19:28 - 05:27:36	gap at CM
17/12/07	66307	08:13:19 - 08:22:04	gap at MM
17/12/07	66308	09:53:39 - 10:04:31	gap at MM
17/12/07	66309	11:33:44 - 11:45:55	gap at MM
17/12/07	66310	13:13:35 - 13:26:17	gap at MM
17/12/07	66311	15:03:00 - 15:11:56	gap at HO
17/12/07	66311	14:53:12 - 15:05:53	gap at MM
17/12/07	66311	15:16:20 - 15:30:09	gap at SG
17/12/07	66312	15:28:18 - 15:38:54	gap at BE
17/12/07	66312	16:32:32 - 16:45:04	gap at MM
17/12/07	66313	18:11:41 - 18:24:14	gap at MM
17/12/07	66314	19:50:54 - 20:03:36	gap at MM
17/12/07	66314	18:55:53 - 19:00:17	gap at MA

17/12/07	66315	21:30:34 - 21:43:14	gap at MM
17/12/07	66316	23:01:58 - 23:15:29	gap at HO
17/12/07	66316	23:11:04 - 23:23:07	gap at MM
17/12/07	66309	10:52:48 - 10:54:58	gap at MA
17/12/07	66304	02:52:01 - 02:54:46	gap at SG
18/12/07	66188	00:23:24 - 00:38:02	gap at HO
18/12/07	66188	00:35:07 - 00:46:04	gap at MM
18/12/07	66189	01:43:12 - 01:53:46	gap at BE
18/12/07	66189	02:07:51 - 02:13:39	gap at HO
18/12/07	66192	07:24:26 - 07:32:02	gap at MM
18/12/07	66193	09:04:57 - 09:14:53	gap at MM
18/12/07	66194	10:45:09 - 10:56:48	gap at MM
18/12/07	66195	12:25:07 - 12:37:39	gap at MM
18/12/07	66195	11:45:54 - 11:52:02	gap at MA
18/12/07	66196	14:13:43 - 14:26:38	gap at HO
18/12/07	66196	14:04:51 - 14:17:35	gap at MM
18/12/07	66197	14:38:27 - 14:51:30	gap at BE
18/12/07	66197	15:44:19 - 15:56:55	gap at MM
18/12/07	66198	17:23:32 - 17:36:03	gap at MM
18/12/07	66198	16:50:41 - 17:02:37	gap at MI
18/12/07	66199	19:02:40 - 19:15:18	gap at MM
18/12/07	66200	20:42:04 - 20:54:48	gap at MM
18/12/07	66200	19:41:33 - 19:53:48	gap at MA
18/12/07	66201	22:15:19 - 22:26:43	gap at HO
18/12/07	66201	22:22:08 - 22:34:35	gap at MM
18/12/07	66190	03:42:55 - 03:46:26	gap at SG
19/12/07	66202	23:52:19 - 00:06:48	gap at HO
19/12/07	66202	00:03:08 - 00:14:35	gap at MM
19/12/07	66203	01:33:31 - 01:45:08	gap at HO
19/12/07	66203	01:45:14 - 01:54:49	gap at MM
19/12/07	66204	02:50:22 - 03:03:44	gap at BE
19/12/07	66204	03:28:11 - 03:35:25	gap at MM
19/12/07	66205	04:30:39 - 04:41:02	gap at BE
19/12/07	66205	05:11:05 - 05:16:52	gap at MM
19/12/07	66206	06:52:44 - 06:59:37	gap at MM
19/12/07	66206	06:06:28 - 06:12:13	gap at KS
19/12/07	66207	08:33:24 - 08:42:38	gap at MM
19/12/07	66207	07:55:59 - 08:01:45	gap at MA
19/12/07	66208	10:13:41 - 10:24:53	gap at MM
19/12/07	66209	12:03:02 - 12:16:30	gap at HO
19/12/07	66209	11:53:43 - 12:06:04	gap at MM
19/12/07	66210	13:42:05 - 13:56:32	gap at HO
19/12/07	66210	13:33:32 - 13:46:15	gap at MM
19/12/07	66211	14:06:58 - 14:20:23	gap at BE
19/12/07	66211	15:23:29 - 15:30:49	gap at HO
19/12/07	66211	15:13:05 - 15:25:44	gap at MM
19/12/07	66211	15:36:10 - 15:49:59	gap at SG
19/12/07	66212	15:49:31 - 15:57:56	gap at BE

19/12/07	66212	16:52:22 - 17:04:54	gap at MM
19/12/07	66214	20:10:47 - 20:23:30	gap at MM
19/12/07	66214	19:13:16 - 19:21:17	gap at MA
19/12/07	66215	21:46:15 - 21:54:40	gap at HO
19/12/07	66215	21:50:36 - 22:03:12	gap at MM
19/12/07	66215	20:48:34 - 21:02:17	gap at MA
19/12/07	66216	23:21:18 - 23:35:29	gap at HO
19/12/07	66216	23:31:17 - 23:43:08	gap at MM
19/12/07	66216	22:32:49 - 22:39:50	gap at MA
19/12/07	66205	04:07:42 - 04:11:57	gap at MI
19/12/07	66204	03:01:37 - 03:11:41	gap at SG
19/12/07	66205	04:42:31 - 04:48:43	gap at SG
20/12/07	66217	01:01:10 - 01:14:35	gap at HO
20/12/07	66218	02:19:21 - 02:32:03	gap at BE
20/12/07	66218	02:31:24 - 02:43:00	gap at SG
20/12/07	66219	03:58:51 - 04:11:03	gap at BE
20/12/07	66219	04:38:50 - 04:44:50	gap at MM
20/12/07	66220	06:20:55 - 06:27:13	gap at MM
20/12/07	66221	08:01:49 - 08:10:18	gap at MM
20/12/07	66222	09:42:12 - 09:52:52	gap at MM
20/12/07	66223	11:22:18 - 11:34:23	gap at MM
20/12/07	66224	13:02:11 - 13:14:52	gap at MM
20/12/07	66225	14:51:19 - 15:01:02	gap at HO
20/12/07	66225	14:41:50 - 14:54:32	gap at MM
20/12/07	66226	15:16:24 - 15:27:51	gap at BE
20/12/07	66226	16:21:11 - 16:33:45	gap at MM
20/12/07	66227	18:00:21 - 18:12:54	gap at MM
20/12/07	66228	18:44:46 - 18:48:51	gap at MA
20/12/07	66229	21:19:09 - 21:31:50	gap at MM
20/12/07	66229	20:17:34 - 20:31:22	gap at MA
20/12/07	66230	22:50:51 - 23:04:01	gap at HO
20/12/07	66230	21:58:48 - 22:09:54	gap at MA
20/12/07	66217	00:26:08 - 00:27:23	gap at KS
20/12/07	66226	15:54:25 - 16:01:05	gap at MI
20/12/07	66219	04:15:14 - 04:22:40	gap at SG
20/12/07	66227	17:31:01 - 17:35:10	gap at CM
21/12/07	66231	00:29:05 - 00:43:42	gap at HO
21/12/07	66231	00:40:56 - 00:51:47	gap at MM
21/12/07	66232	01:48:43 - 01:59:44	gap at BE
21/12/07	66232	02:23:24 - 02:32:08	gap at MM
21/12/07	66232	02:02:34 - 02:09:37	gap at SG
21/12/07	66233	03:27:20 - 03:40:30	gap at BE
21/12/07	66233	03:38:16 - 03:52:04	gap at SG
21/12/07	66235	07:30:12 - 07:37:55	gap at MM
21/12/07	66237	10:50:52 - 11:02:36	gap at MM
21/12/07	66238	12:30:49 - 12:43:23	gap at MM
21/12/07	66238	11:51:59 - 11:57:05	gap at MA
21/12/07	66239	14:19:29 - 14:32:10	gap at HO

21/12/07	66239	14:10:32 - 14:23:16	gap at MM
21/12/07	66239	14:34:46 - 14:46:48	gap at SG
21/12/07	66240	14:44:14 - 14:57:07	gap at BE
21/12/07	66240	15:49:59 - 16:02:35	gap at MM
21/12/07	66240	16:13:41 - 16:26:05	gap at SG
21/12/07	66241	17:29:12 - 17:41:43	gap at MM
21/12/07	66242	19:08:20 - 19:20:59	gap at MM
21/12/07	66243	19:47:03 - 19:59:41	gap at MA
21/12/07	66244	22:20:43 - 22:32:30	gap at HO
21/12/07	66245	23:57:58 - 00:12:29	gap at HO
21/12/07	66233	03:05:14 - 03:09:34	gap at MI
21/12/07	66233	04:34:57 - 04:36:43	gap at CM
22/12/07	66245	23:57:58 - 00:12:29	gap at HO
22/12/07	66246	01:39:30 - 01:50:39	gap at HO
22/12/07	66246	01:51:06 - 02:00:33	gap at MM
22/12/07	66248	04:36:28 - 04:46:25	gap at BE
22/12/07	66249	06:58:30 - 07:05:30	gap at MM
22/12/07	66250	08:39:09 - 08:48:30	gap at MM
22/12/07	66250	08:01:42 - 08:10:09	gap at MA
22/12/07	66251	10:19:24 - 10:30:42	gap at MM
22/12/07	66252	11:59:26 - 12:11:49	gap at MM
22/12/07	66252	11:19:35 - 11:28:08	gap at MA
22/12/07	66253	13:39:14 - 13:51:57	gap at MM
22/12/07	66254	14:12:39 - 14:26:04	gap at BE
22/12/07	66254	15:18:46 - 15:31:25	gap at MM
22/12/07	66255	15:55:42 - 16:03:16	gap at BE
22/12/07	66255	16:27:25 - 16:39:50	gap at CM
22/12/07	66256	18:37:10 - 18:49:46	gap at MM
22/12/07	66257	20:16:28 - 20:29:12	gap at MM
22/12/07	66257	19:19:03 - 19:27:39	gap at MA
22/12/07	66258	21:51:29 - 22:00:32	gap at HO
22/12/07	66258	21:56:19 - 22:08:54	gap at MM
22/12/07	66259	23:26:55 - 23:41:11	gap at HO
22/12/07	66259	23:37:04 - 23:48:51	gap at MM
22/12/07	66259	22:39:11 - 22:45:05	gap at MA
22/12/07	66248	04:13:32 - 04:17:32	gap at MI
22/12/07	66255	16:33:12 - 16:37:46	gap at MI
22/12/07	66247	03:07:12 - 03:10:27	gap at SG
23/12/07	66260	01:06:59 - 01:20:11	gap at HO
23/12/07	66260	01:18:53 - 01:29:01	gap at MM
23/12/07	66261	03:01:40 - 03:09:30	gap at MM
23/12/07	66261	02:36:50 - 02:48:54	gap at SG
23/12/07	66261	03:32:40 - 03:44:24	gap at CM
23/12/07	66262	04:44:42 - 04:50:39	gap at MM
23/12/07	66262	04:15:48 - 04:28:08	gap at SG
23/12/07	66262	05:13:22 - 05:22:18	gap at CM
23/12/07	66263	06:26:43 - 06:33:06	gap at MM
23/12/07	66264	08:07:34 - 08:16:11	gap at MM

23/12/07	66265	09:47:55 - 09:58:41	gap at MM
23/12/07	66266	11:28:01 - 11:40:09	gap at MM
23/12/07	66267	13:07:53 - 13:20:34	gap at MM
23/12/07	66268	14:57:09 - 15:06:27	gap at HO
23/12/07	66268	14:47:31 - 15:00:12	gap at MM
23/12/07	66269	15:22:20 - 15:33:23	gap at BE
23/12/07	66269	16:26:52 - 16:39:25	gap at MM
23/12/07	66269	15:56:31 - 16:08:20	gap at CM
23/12/07	66270	18:06:01 - 18:18:34	gap at MM
23/12/07	66270	17:36:57 - 17:45:51	gap at CM
23/12/07	66271	19:45:13 - 19:57:55	gap at MM
23/12/07	66271	18:50:20 - 18:54:34	gap at MA
23/12/07	66272	21:24:51 - 21:37:32	gap at MM
23/12/07	66273	22:56:27 - 23:09:45	gap at HO
23/12/07	66273	23:05:17 - 23:17:25	gap at MM
24/12/07	EGOI	00:34:57 - 00:49:22	gap at HO
24/12/07	EGOI	00:46:46 - 00:57:31	gap at MM
24/12/07	EGOI	02:29:17 - 02:37:52	gap at MM
24/12/07	EGOI	03:33:02 - 03:46:05	gap at BE
24/12/07	EGOI	04:12:22 - 04:18:44	gap at MM
24/12/07	EGOI	03:43:59 - 03:57:41	gap at SG
24/12/07	EGOI	03:02:46 - 03:12:16	gap at CM
24/12/07	EGOI	04:40:45 - 04:52:20	gap at CM
24/12/07	EGOI	05:54:49 - 06:00:46	gap at MM
24/12/07	EGOI	07:35:57 - 07:43:49	gap at MM
24/12/07	EGOI	09:16:25 - 09:26:35	gap at MM
24/12/07	EGOI	10:56:35 - 11:08:23	gap at MM
24/12/07	EGOI	12:36:32 - 12:49:07	gap at MM
24/12/07	EGOI	14:25:15 - 14:37:34	gap at HO
24/12/07	EGOI	14:16:14 - 14:28:57	gap at MM
24/12/07	EGOI	14:50:02 - 15:02:44	gap at BE
24/12/07	EGOI	15:55:40 - 16:08:15	gap at MM
24/12/07	EGOI	15:22:32 - 15:35:10	gap at MI
24/12/07	EGOI	17:34:52 - 17:47:23	gap at MM
24/12/07	EGOI	19:14:01 - 19:26:40	gap at MM
24/12/07	EGOI	20:53:28 - 21:06:12	gap at MM
24/12/07	EGOI	19:52:34 - 20:05:33	gap at MA
24/12/07	EGOI	22:26:09 - 22:38:14	gap at HO
24/12/07	EGOI	22:33:37 - 22:46:00	gap at MM
24/12/07	EGOI	01:54:15 - 01:55:49	gap at BE
24/12/07	EGOI	02:03:17 - 02:05:40	gap at BE
24/12/07	EGOI	02:14:25 - 02:15:53	gap at SG
24/12/07	EGOI	14:40:14 - 14:42:19	gap at SG
24/12/07	EGOI	15:26:21 - 15:28:40	gap at CM
25/12/07	66288	00:03:36 - 00:18:10	gap at HO
25/12/07	66288	00:14:45 - 00:26:02	gap at MM
25/12/07	66289	01:45:47 - 01:56:09	gap at HO
25/12/07	66289	01:56:58 - 02:06:18	gap at MM

25/12/07	66290	03:39:58 - 03:46:57	gap at MM
25/12/07	66290	02:34:54 - 02:38:21	gap at CM
25/12/07	66290	04:09:07 - 04:21:32	gap at CM
25/12/07	66291	04:42:19 - 04:51:45	gap at BE
25/12/07	66291	05:22:46 - 05:28:32	gap at MM
25/12/07	66292	07:04:16 - 07:11:24	gap at MM
25/12/07	66293	08:44:53 - 08:54:22	gap at MM
25/12/07	66293	08:06:33 - 08:16:14	gap at MA
25/12/07	66294	10:25:08 - 10:36:30	gap at MM
25/12/07	66295	12:05:08 - 12:17:34	gap at MM
25/12/07	66296	13:44:55 - 13:57:39	gap at MM
25/12/07	66297	14:18:21 - 14:31:44	gap at BE
25/12/07	66297	15:24:27 - 15:37:05	gap at MM
25/12/07	66297	14:58:35 - 15:01:02	gap at CM
25/12/07	66298	16:02:00 - 16:08:31	gap at BE
25/12/07	66298	17:03:42 - 17:16:14	gap at MM
25/12/07	66298	16:33:06 - 16:45:30	gap at CM
25/12/07	66299	18:42:50 - 18:55:26	gap at MM
25/12/07	66300	20:22:09 - 20:34:53	gap at MM
25/12/07	66300	19:24:22 - 19:33:29	gap at MA
25/12/07	66300	19:28:56 - 19:39:32	gap at WF
25/12/07	66301	21:56:39 - 22:06:24	gap at HO
25/12/07	66301	22:02:03 - 22:14:36	gap at MM
25/12/07	66301	21:00:04 - 21:13:37	gap at MA
25/12/07	66302	23:32:31 - 23:46:53	gap at HO
25/12/07	66302	23:42:51 - 23:54:34	gap at MM
25/12/07	66302	22:45:40 - 22:50:12	gap at MA
25/12/07	66290	03:01:42 - 03:04:16	gap at BE
26/12/07	66303	01:12:47 - 01:25:45	gap at HO
26/12/07	66303	01:24:44 - 01:34:45	gap at MM
26/12/07	66304	03:07:33 - 03:15:15	gap at MM
26/12/07	66304	03:38:13 - 03:50:10	gap at CM
26/12/07	66305	04:50:34 - 04:56:28	gap at MM
26/12/07	66306	06:32:30 - 06:38:59	gap at MM
26/12/07	66306	05:19:28 - 05:27:36	gap at CM
26/12/07	66307	08:13:19 - 08:22:04	gap at MM
26/12/07	66308	09:53:39 - 10:04:31	gap at MM
26/12/07	66309	11:33:44 - 11:45:55	gap at MM
26/12/07	66310	13:13:35 - 13:26:17	gap at MM
26/12/07	66311	15:03:00 - 15:11:56	gap at HO
26/12/07	66311	14:53:12 - 15:05:53	gap at MM
26/12/07	66311	15:16:20 - 15:30:09	gap at SG
26/12/07	66312	15:28:18 - 15:38:54	gap at BE
26/12/07	66312	16:32:32 - 16:45:04	gap at MM
26/12/07	66313	18:11:41 - 18:24:14	gap at MM
26/12/07	66314	19:50:54 - 20:03:36	gap at MM
26/12/07	66314	18:55:53 - 19:00:17	gap at MA
26/12/07	66315	21:30:34 - 21:43:14	gap at MM

26/12/07	66316	23:01:58 - 23:15:29	gap at HO
26/12/07	66316	23:11:04 - 23:23:07	gap at MM
26/12/07	66309	10:52:48 - 10:54:58	gap at MA
26/12/07	66304	02:52:01 - 02:54:46	gap at SG
27/12/07	66317	00:40:48 - 00:54:59	gap at HO
27/12/07	66317	00:52:36 - 01:03:14	gap at MM
27/12/07	66318	02:35:10 - 02:43:37	gap at MM
27/12/07	66319	03:38:46 - 03:51:40	gap at BE
27/12/07	66319	04:18:15 - 04:24:32	gap at MM
27/12/07	66319	03:08:07 - 03:18:10	gap at CM
27/12/07	66319	04:46:36 - 04:57:51	gap at CM
27/12/07	66320	06:00:37 - 06:06:38	gap at MM
27/12/07	66321	07:41:42 - 07:49:42	gap at MM
27/12/07	66322	09:22:09 - 09:32:26	gap at MM
27/12/07	66323	11:02:18 - 11:14:10	gap at MM
27/12/07	66324	12:42:14 - 12:54:50	gap at MM
27/12/07	66325	14:31:02 - 14:42:51	gap at HO
27/12/07	66325	14:21:55 - 14:34:38	gap at MM
27/12/07	66326	14:55:51 - 15:08:21	gap at BE
27/12/07	66326	16:01:20 - 16:13:55	gap at MM
27/12/07	66327	17:40:31 - 17:53:03	gap at MM
27/12/07	66328	19:19:41 - 19:32:20	gap at MM
27/12/07	66329	20:59:10 - 21:11:53	gap at MM
27/12/07	66330	22:31:35 - 22:43:58	gap at HO
27/12/07	66330	22:39:22 - 22:51:42	gap at MM
27/12/07	66330	21:37:41 - 21:50:26	gap at MA
27/12/07	66327	17:16:49 - 17:18:52	gap at MI
28/12/07	66331	00:09:13 - 00:23:50	gap at HO
28/12/07	66331	00:20:34 - 00:31:45	gap at MM
28/12/07	66332	01:52:05 - 02:01:33	gap at HO
28/12/07	66332	02:02:50 - 02:12:02	gap at MM
28/12/07	66333	03:07:23 - 03:20:47	gap at BE
28/12/07	66333	03:45:52 - 03:52:43	gap at MM
28/12/07	66333	02:37:27 - 02:49:21	gap at MI
28/12/07	66333	03:18:25 - 03:32:16	gap at SG
28/12/07	66333	02:39:34 - 02:44:54	gap at CM
28/12/07	66333	04:14:49 - 04:27:11	gap at CM
28/12/07	66334	04:48:11 - 04:57:04	gap at BE
28/12/07	66334	05:28:36 - 05:34:23	gap at MM
28/12/07	66334	04:16:33 - 04:28:38	gap at MI
28/12/07	66334	05:01:03 - 05:07:40	gap at SG
28/12/07	66335	07:10:02 - 07:17:17	gap at MM
28/12/07	66336	08:50:37 - 09:00:14	gap at MM
28/12/07	66337	10:30:51 - 10:42:18	gap at MM
28/12/07	66338	12:10:51 - 12:23:18	gap at MM
28/12/07	66338	11:31:18 - 11:39:02	gap at MA
28/12/07	66339	13:50:37 - 14:03:21	gap at MM
28/12/07	66339	14:16:00 - 14:25:59	gap at SG

28/12/07	66340	14:24:04 - 14:37:23	gap at BE
28/12/07	66340	15:30:07 - 15:42:45	gap at MM
28/12/07	66340	14:57:42 - 15:08:43	gap at MI
28/12/07	66340	15:53:22 - 16:06:46	gap at SG
28/12/07	66340	15:03:02 - 15:08:00	gap at CM
28/12/07	66341	17:09:22 - 17:21:54	gap at MM
28/12/07	66341	16:36:14 - 16:48:52	gap at MI
28/12/07	66341	16:30:13 - 16:43:49	gap at GS
28/12/07	66341	16:38:48 - 16:51:07	gap at CM
28/12/07	66342	18:48:30 - 19:01:07	gap at MM
28/12/07	66342	18:11:04 - 18:19:22	gap at GS
28/12/07	66343	20:27:50 - 20:40:34	gap at MM
28/12/07	66343	19:27:53 - 19:39:19	gap at MA
28/12/07	66343	19:48:45 - 20:00:38	gap at PS
28/12/07	66344	22:01:54 - 22:12:13	gap at HO
28/12/07	66344	22:07:47 - 22:20:19	gap at MM
28/12/07	66345	23:38:11 - 23:52:34	gap at HO
28/12/07	66345	23:48:39 - 00:00:17	gap at MM
28/12/07	66345	22:43:53 - 22:56:55	gap at MS
29/12/07	66345	23:48:39 - 00:00:17	gap at MM
29/12/07	66346	01:18:39 - 01:31:19	gap at HO
29/12/07	66346	01:30:35 - 01:40:29	gap at MM
29/12/07	66346	00:35:33 - 00:42:46	gap at GS
29/12/07	66347	02:36:14 - 02:49:24	gap at BE
29/12/07	66347	03:13:27 - 03:21:01	gap at MM
29/12/07	66347	02:07:55 - 02:17:04	gap at MI
29/12/07	66347	02:10:39 - 02:23:54	gap at GS
29/12/07	66347	02:47:47 - 03:00:36	gap at SG
29/12/07	66347	03:43:47 - 03:55:54	gap at CM
29/12/07	66348	04:16:09 - 04:27:29	gap at BE
29/12/07	66348	04:56:26 - 05:02:17	gap at MM
29/12/07	66348	03:44:41 - 03:57:55	gap at MI
29/12/07	66348	03:50:17 - 04:03:09	gap at GS
29/12/07	66348	04:27:34 - 04:39:00	gap at SG
29/12/07	66349	06:38:17 - 06:44:53	gap at MM
29/12/07	66349	05:32:51 - 05:46:15	gap at PS
29/12/07	66349	05:52:41 - 05:56:43	gap at KS
29/12/07	66349	05:25:39 - 05:32:48	gap at CM
29/12/07	66350	08:19:03 - 08:27:57	gap at MM
29/12/07	66351	09:59:22 - 10:10:21	gap at MM
29/12/07	66352	11:39:27 - 11:51:41	gap at MM
29/12/07	66353	13:19:17 - 13:32:00	gap at MM
29/12/07	66354	15:08:50 - 15:17:23	gap at HO
29/12/07	66354	14:58:53 - 15:11:33	gap at MM
29/12/07	66354	14:28:29 - 14:35:04	gap at MI
29/12/07	66354	14:20:37 - 14:30:54	gap at GS
29/12/07	66354	15:21:58 - 15:35:51	gap at SG
29/12/07	66355	15:34:18 - 15:44:23	gap at BE

29/12/07	66355	16:38:12 - 16:50:44	gap at MM
29/12/07	66355	16:04:46 - 16:18:08	gap at MI
29/12/07	66355	15:58:53 - 16:12:49	gap at GS
29/12/07	66355	16:07:41 - 16:19:53	gap at CM
29/12/07	66356	18:17:20 - 18:29:54	gap at MM
29/12/07	66356	17:47:23 - 17:52:32	gap at MI
29/12/07	66356	17:39:06 - 17:49:56	gap at GS
29/12/07	66356	17:49:02 - 17:56:15	gap at CM
29/12/07	66357	19:56:34 - 20:09:17	gap at MM
29/12/07	66357	19:00:51 - 19:05:59	gap at MA
29/12/07	66358	21:36:17 - 21:48:56	gap at MM
29/12/07	66359	23:07:28 - 23:21:12	gap at HO
29/12/07	66359	22:17:25 - 22:26:22	gap at MA
29/12/07	66352	10:50:17 - 10:51:25	gap at KS
30/12/07	66360	00:46:36 - 01:00:36	gap at HO
30/12/07	66360	00:58:26 - 01:08:58	gap at MM
30/12/07	66360	00:09:39 - 00:14:06	gap at KS
30/12/07	66361	02:18:02 - 02:28:05	gap at SG
30/12/07	66362	03:55:28 - 04:08:51	gap at SG
30/12/07	66362	03:13:31 - 03:24:03	gap at CM
30/12/07	66362	04:52:28 - 05:03:21	gap at CM
30/12/07	66364	07:47:27 - 07:55:35	gap at MM
30/12/07	66365	09:27:52 - 09:38:16	gap at MM
30/12/07	66366	11:18:38 - 11:28:55	gap at HO
30/12/07	66367	12:56:33 - 13:11:22	gap at HO
30/12/07	66368	14:36:49 - 14:48:20	gap at HO
30/12/07	66368	14:27:37 - 14:40:19	gap at MM
30/12/07	66368	14:51:13 - 15:04:18	gap at SG
30/12/07	66369	16:07:01 - 16:19:35	gap at MM
30/12/07	66369	16:31:25 - 16:42:19	gap at SG
30/12/07	66369	15:37:12 - 15:47:51	gap at CM
30/12/07	66370	17:46:11 - 17:58:43	gap at MM
30/12/07	66370	17:16:18 - 17:27:04	gap at CM
30/12/07	66371	19:25:21 - 19:38:01	gap at MM
30/12/07	66373	22:37:02 - 22:49:42	gap at HO
30/12/07	66373	21:43:49 - 21:56:01	gap at MA
30/12/07	66362	03:52:32 - 03:57:14	gap at BE
30/12/07	66369	15:05:33 - 15:13:56	gap at BE
31/12/07	66374	00:14:53 - 00:29:31	gap at HO
31/12/07	66374	00:26:23 - 00:37:28	gap at MM
31/12/07	66375	01:58:12 - 02:06:52	gap at HO
31/12/07	66375	02:08:43 - 02:17:46	gap at MM
31/12/07	66376	03:51:46 - 03:58:30	gap at MM
31/12/07	66376	02:44:32 - 02:51:09	gap at CM
31/12/07	66376	04:20:32 - 04:32:48	gap at CM
31/12/07	66377	04:54:04 - 05:02:21	gap at BE
31/12/07	66378	07:15:48 - 07:23:11	gap at MM
31/12/07	66379	08:56:21 - 09:06:06	gap at MM

31/12/07	66381	12:16:33 - 12:29:03	gap at MM
31/12/07	66381	11:40:10 - 11:53:27	gap at MS
31/12/07	66382	13:56:19 - 14:09:03	gap at MM
31/12/07	66382	14:21:19 - 14:31:59	gap at SG
31/12/07	66383	14:29:48 - 14:43:02	gap at BE
31/12/07	66383	15:35:48 - 15:48:25	gap at MM
31/12/07	66383	15:07:58 - 15:14:27	gap at CM
31/12/07	66384	17:15:02 - 17:27:33	gap at MM
31/12/07	66386	20:33:32 - 20:46:16	gap at MM
31/12/07	66386	19:33:20 - 19:45:07	gap at MA
31/12/07	66387	22:07:17 - 22:18:02	gap at HO
31/12/07	66387	22:13:31 - 22:26:01	gap at MM
31/12/07	66388	23:43:52 - 23:58:16	gap at HO
31/12/07	66388	23:54:26 - 00:06:00	gap at MM
31/12/07	66388	22:49:29 - 23:02:42	gap at MS
31/12/07	66382	13:23:05 - 13:29:13	gap at MS
31/12/07	66381	11:37:06 - 11:40:46	gap at MA
31/12/07	66376	03:24:04 - 03:32:24	gap at SG

Lamp Failures: none

cooler switchings: none

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	Date
04-05/12/07	65997– 66010	~15:00 (04/12/07) - ~13:00 (05/12/07)	Narrow Swath Timeline GMNNOT41 executed
14-15/12/07	66138– 66153	~11:30 (14/12/07) - ~13:00 (15/12/07)	Narrow Swath Timeline GMNNOT41 executed
24-25/12/07	66282 – 66295	~12:00 (24/12/07) - ~11:00 (25/12/07)	Narrow Swath Timeline GMNNOT41 executed

Others:

Date	Orbit No.	Duration	remark
02/12/07	65962	04:33:56	Corrupted products at MI anomalous values for most parameters
06/12/07	66020	06:04:55	Corrupted products at GS anomalous values for most parameters
06/12/07	66026	16:38:00	Corrupted products at CM anomalous values for most parameters
07/12/07	66034	05:33:24	Corrupted products at GS anomalous values for most parameters

14/12/07	66143	10:35:36	Corrupted products at MA anomalous values for most parameters
14/12/07	66137	between	Corrupted products at MA anomalous values for most parameters
17/12/07	66306	05:23:12	Corrupted products at MI anomalous values for most parameters
23/12/07	66263	05:16:41	Corrupted products at MI anomalous values for most parameters
26/12/07	66306	05:23:12	Corrupted products at MI anomalous values for most parameters