

# GOME Operations for October 2008

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

## GOME Operations during October 2008

Date	Operations	remark
01/10/08	data available within visibility of groundstation	start of sun calibration: 14:06:45.730
02/10/08	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
03/10/08	data available within visibility of groundstation	start of sun calibration: 16:24:58.020
04/10/08	data available within visibility of groundstation	start of sun calibration: 15:53:29.114
05/10/08	data available within visibility of groundstation	start of sun calibration: 15:22:01.663
06/10/08	data available within visibility of groundstation	start of sun calibration: 14:50:28.203
07/10/08	data available within visibility of groundstation	start of sun calibration: 14:19:00.740
08/10/08	data available within visibility of groundstation	start of sun calibration: 13:47:27.280
09/10/08	data available within visibility of groundstation	start of sun calibration: 16:37:13.040
10/10/08	data available within visibility of groundstation	start of sun calibration: 16:05:39.580
11/10/08	data available within visibility of groundstation	start of sun calibration: 15:34:12.130
12/10/08	data available within visibility of groundstation	start of sun calibration: 15:02:38.680
13/10/08	data available within visibility of groundstation	start of sun calibration: 14:31:11.230
14/10/08	data available within visibility of groundstation	start of sun calibration: 13:59:37.424
15/10/08	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly (scan mirror set to 261.8 degree)
16/10/08	SEU data available within visibility of groundstation	start of sun calibration: 16:17:50.020
17/10/08	data available within visibility of groundstation	start of sun calibration: 15:46:16.655
18/10/08	data available within visibility of groundstation	start of sun calibration: 15:14:47.745
19/10/08	data available within visibility of groundstation	start of sun calibration: 14:43:14.321
20/10/08	data available within visibility of groundstation	start of sun calibration: 10:50:35.170
21/10/08	data available within visibility of groundstation	start of sun calibration: 10:19:01.750
22/10/08	data available within visibility of groundstation	start of sun calibration: 13:08:41.570
23/10/08	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre

24/10/08	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
25/10/08	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
26/10/08	data available within visibility of groundstation	start of sun calibration: 11:02:39.640
27/10/08	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
28/10/08	quarterly calibration during Orbits 70706 - 70711 two orbits in Nadir Static View 70703, 70704 data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
29/10/08	data available within visibility of groundstation	start of sun calibration: 12:49:18.680
30/10/08	data available within visibility of groundstation	start of sun calibration: 12:17:51.310
31/10/08	data available within visibility of groundstation	start of sun calibration: 11:50:13.440

### Anomalies:

single event upsets (SEU):

Date	Reason
15-16/10/08	<p>GOME unpowered start at ~15:38:08 stop at ~18:22:11, orbits 70520-70521: autonomous switch-off (ERS-2 Unavailability Report 2008036)</p> <p>GOME anomalous behavior during orbits 70523-70525 of 15/10/2008 (UTC ca 20:00 until end of the day) until orbit 70530 of 16/10/2008 (UTC ca 09:00)</p> <ul style="list-style-type: none"> <li>- 3xNack flag set continuously</li> <li>- scan mirror position set to 261.8 deg continuously</li> <li>- scan motor temp. increased by ca 10 deg K</li> <li>- scan mirror temp. increased by ca 10 deg K</li> <li>- scan unit temp. increased by ca 10 deg K</li> <li>- scan motor current value at 65535 BU, instead ca. 38000</li> </ul> <p>this anomaly was cured with GOME Power Cycle (GMN11) on 16/10/2008, at 08:55:15, orbit 70530, data at ca 09:30, orbit 70531, are nominal again</p>

list of datagaps:

Date	Orbit No.	duration	reason
01/10/08	70311	01:12:47 - 01:25:45	gap at HO
01/10/08	70311	01:24:44 - 01:34:45	gap at MM
01/10/08	70313	04:10:23 - 04:22:02	gap at BE
01/10/08	70313	04:21:40 - 04:33:35	gap at SG
01/10/08	70316	09:31:11 - 09:43:10	gap at JO
01/10/08	70319	15:03:00 - 15:11:56	gap at HO
01/10/08	70319	15:16:20 - 15:30:09	gap at SG
01/10/08	70320	15:28:18 - 15:38:54	gap at BE

01/10/08	70320	16:32:32 - 16:45:04	gap at MM
01/10/08	70320	16:58:57 - 17:05:41	gap at SG
01/10/08	70320	16:02:05 - 16:14:07	gap at CM
01/10/08	70321	17:41:07 - 17:47:37	gap at MI
01/10/08	70321	17:42:57 - 17:51:05	gap at CM
01/10/08	70322	19:50:54 - 20:03:36	gap at MM
01/10/08	70322	20:10:26 - 20:24:52	gap at JO
01/10/08	70323	21:30:34 - 21:43:14	gap at MM
01/10/08	70324	23:01:58 - 23:15:29	gap at HO
01/10/08	70324	23:11:04 - 23:23:07	gap at MM
01/10/08	70316	09:04:59 - 09:06:01	gap at KS
01/10/08	70317	10:44:36 - 10:45:41	gap at KS
01/10/08	70318	12:23:58 - 12:25:03	gap at KS
01/10/08	70319	14:02:51 - 14:04:00	gap at KS
01/10/08	70320	15:40:50 - 15:42:01	gap at KS
01/10/08	70321	17:18:41 - 17:19:49	gap at KS
01/10/08	70317	10:57:45 - 10:58:56	gap at MS
01/10/08	70318	12:37:22 - 12:38:25	gap at MS
01/10/08	70324	22:08:02 - 22:09:02	gap at MS
01/10/08	70325	23:46:33 - 23:47:34	gap at MS
01/10/08	70313	03:38:58 - 03:40:17	gap at MI
01/10/08	70321	18:11:41 - 18:13:02	gap at MM
01/10/08	70312	02:30:36 - 02:35:56	gap at BE
01/10/08	70312	02:42:17 - 02:47:01	gap at SG
01/10/08	70315	07:50:19 - 07:57:33	gap at JO
01/10/08	70323	21:50:11 - 21:53:02	gap at JO
02/10/08	70325	00:40:48 - 00:54:59	gap at HO
02/10/08	70325	00:52:36 - 01:03:14	gap at MM
02/10/08	70327	03:38:46 - 03:51:40	gap at BE
02/10/08	70327	03:49:43 - 04:03:17	gap at SG
02/10/08	70333	14:31:02 - 14:42:51	gap at HO
02/10/08	70333	14:21:55 - 14:34:38	gap at MM
02/10/08	70334	14:55:51 - 15:08:21	gap at BE
02/10/08	70334	16:25:28 - 16:36:57	gap at SG
02/10/08	70335	17:08:12 - 17:18:52	gap at MI
02/10/08	70336	19:39:58 - 19:52:38	gap at JO
02/10/08	70338	22:31:35 - 22:43:58	gap at HO
02/10/08	70330	08:33:40 - 08:34:43	gap at KS
02/10/08	70331	10:13:18 - 10:14:23	gap at KS
02/10/08	70332	11:52:47 - 11:53:56	gap at KS
02/10/08	70333	13:31:48 - 13:32:52	gap at KS
02/10/08	70334	15:10:13 - 15:11:32	gap at KS
02/10/08	70335	16:47:50 - 16:49:02	gap at KS
02/10/08	70336	18:25:49 - 18:26:56	gap at KS
02/10/08	70325	23:46:33 - 23:47:34	gap at MS
02/10/08	70331	10:27:38 - 10:28:50	gap at MS
02/10/08	70332	12:05:46 - 12:06:49	gap at MS
02/10/08	70337	19:58:05 - 19:59:23	gap at MA

02/10/08	70334	15:37:05 - 15:40:58	gap at MI
02/10/08	70335	17:40:31 - 17:41:42	gap at MM
02/10/08	70326	01:59:48 - 02:04:00	gap at BE
02/10/08	70326	02:12:47 - 02:15:05	gap at SG
02/10/08	70333	14:45:43 - 14:48:54	gap at SG
02/10/08	70327	03:08:07 - 03:10:02	gap at CM
02/10/08	70329	07:19:54 - 07:22:46	gap at JO
02/10/08	70330	08:58:44 - 09:00:18	gap at JO
02/10/08	70337	21:18:27 - 21:19:52	gap at JO
03/10/08	70339	00:09:13 - 00:23:50	gap at HO
03/10/08	70340	01:52:05 - 02:01:33	gap at HO
03/10/08	70342	04:48:11 - 04:57:04	gap at BE
03/10/08	70346	12:10:51 - 12:23:18	gap at MM
03/10/08	70348	14:24:04 - 14:37:23	gap at BE
03/10/08	70348	15:53:22 - 16:06:46	gap at SG
03/10/08	70350	18:48:30 - 19:01:07	gap at MM
03/10/08	70350	19:10:25 - 19:19:16	gap at JO
03/10/08	70351	20:27:50 - 20:40:34	gap at MM
03/10/08	70351	20:47:04 - 21:02:05	gap at JO
03/10/08	70352	22:01:54 - 22:12:13	gap at HO
03/10/08	70352	22:07:47 - 22:20:19	gap at MM
03/10/08	70353	23:38:11 - 23:52:34	gap at HO
03/10/08	70353	23:48:39 - 00:00:17	gap at MM
03/10/08	70344	08:02:23 - 08:03:27	gap at KS
03/10/08	70345	09:42:00 - 09:43:03	gap at KS
03/10/08	70346	11:21:33 - 11:22:42	gap at KS
03/10/08	70347	13:00:45 - 13:01:47	gap at KS
03/10/08	70348	14:39:28 - 14:40:36	gap at KS
03/10/08	70349	16:17:09 - 16:18:17	gap at KS
03/10/08	70350	17:55:00 - 17:56:22	gap at KS
03/10/08	70346	11:34:30 - 11:35:44	gap at MS
03/10/08	70347	13:15:33 - 13:16:40	gap at MS
03/10/08	70341	03:07:23 - 03:08:32	gap at BE
03/10/08	70343	06:50:14 - 06:51:54	gap at JO
03/10/08	70344	08:27:02 - 08:28:34	gap at JO
04/10/08	70354	01:18:39 - 01:31:19	gap at HO
04/10/08	70354	01:30:35 - 01:40:29	gap at MM
04/10/08	70354	00:35:33 - 00:42:46	gap at GS
04/10/08	70357	05:52:41 - 05:56:43	gap at KS
04/10/08	70357	06:22:01 - 06:28:01	gap at JO
04/10/08	70361	13:19:17 - 13:32:00	gap at MM
04/10/08	70362	15:08:50 - 15:17:23	gap at HO
04/10/08	70362	14:58:53 - 15:11:33	gap at MM
04/10/08	70362	14:28:29 - 14:35:04	gap at MI
04/10/08	70362	14:20:37 - 14:30:54	gap at GS
04/10/08	70362	15:21:58 - 15:35:51	gap at SG
04/10/08	70363	15:34:18 - 15:44:23	gap at BE
04/10/08	70363	16:38:12 - 16:50:44	gap at MM

04/10/08	70363	16:04:46 - 16:18:08	gap at MI
04/10/08	70363	15:58:53 - 16:12:49	gap at GS
04/10/08	70363	16:07:41 - 16:19:53	gap at CM
04/10/08	70364	18:17:20 - 18:29:54	gap at MM
04/10/08	70364	17:47:23 - 17:52:32	gap at MI
04/10/08	70364	17:39:06 - 17:49:56	gap at GS
04/10/08	70364	17:49:02 - 17:56:15	gap at CM
04/10/08	70365	19:56:34 - 20:09:17	gap at MM
04/10/08	70365	20:16:02 - 20:30:39	gap at JO
04/10/08	70366	21:36:17 - 21:48:56	gap at MM
04/10/08	70367	23:07:28 - 23:21:12	gap at HO
04/10/08	70368	23:52:23 - 00:04:55	gap at MS
04/10/08	70359	09:10:41 - 09:11:44	gap at KS
04/10/08	70360	10:50:17 - 10:51:22	gap at KS
04/10/08	70361	12:29:38 - 12:30:42	gap at KS
04/10/08	70362	14:08:31 - 14:09:38	gap at KS
04/10/08	70363	15:46:25 - 15:47:32	gap at KS
04/10/08	70364	17:24:18 - 17:25:26	gap at KS
04/10/08	70360	11:03:28 - 11:04:36	gap at MS
04/10/08	70361	12:43:10 - 12:44:18	gap at MS
04/10/08	70355	02:36:14 - 02:37:27	gap at BE
04/10/08	70356	04:16:09 - 04:17:15	gap at BE
04/10/08	70355	02:47:47 - 02:48:54	gap at SG
04/10/08	70357	05:25:39 - 05:29:41	gap at CM
04/10/08	70358	07:55:55 - 07:57:18	gap at JO
04/10/08	70359	09:37:12 - 09:38:52	gap at JO
04/10/08	70366	21:56:01 - 21:58:02	gap at JO
05/10/08	70368	00:46:36 - 01:00:36	gap at HO
05/10/08	70368	00:58:26 - 01:08:58	gap at MM
05/10/08	70368	00:09:39 - 00:14:06	gap at KS
05/10/08	70370	03:44:30 - 03:57:14	gap at BE
05/10/08	70370	03:13:31 - 03:24:03	gap at CM
05/10/08	70370	04:52:28 - 05:03:21	gap at CM
05/10/08	70371	05:01:12 - 05:15:05	gap at PS
05/10/08	70372	06:43:34 - 06:53:35	gap at PS
05/10/08	70373	09:04:35 - 09:18:25	gap at JO
05/10/08	70374	11:18:38 - 11:28:55	gap at HO
05/10/08	70375	12:56:33 - 13:11:22	gap at HO
05/10/08	70376	14:36:49 - 14:48:20	gap at HO
05/10/08	70376	14:27:37 - 14:40:19	gap at MM
05/10/08	70376	14:51:13 - 15:04:18	gap at SG
05/10/08	70377	15:01:41 - 15:13:56	gap at BE
05/10/08	70377	16:31:25 - 16:42:19	gap at SG
05/10/08	70377	15:37:12 - 15:47:51	gap at CM
05/10/08	70378	17:14:05 - 17:24:13	gap at MI
05/10/08	70378	17:07:26 - 17:19:54	gap at GS
05/10/08	70378	17:16:18 - 17:27:04	gap at CM
05/10/08	70379	18:45:56 - 18:59:34	gap at PS

05/10/08	70379	19:45:27 - 19:58:33	gap at JO
05/10/08	70380	20:26:00 - 20:36:07	gap at PS
05/10/08	70381	22:37:02 - 22:49:42	gap at HO
05/10/08	70381	22:45:08 - 22:57:25	gap at MM
05/10/08	70382	23:20:37 - 23:33:59	gap at MS
05/10/08	70379	18:31:27 - 18:32:32	gap at KS
05/10/08	70373	08:39:22 - 08:40:24	gap at KS
05/10/08	70374	10:19:00 - 10:20:04	gap at KS
05/10/08	70375	11:58:27 - 11:59:36	gap at KS
05/10/08	70376	13:37:27 - 13:38:31	gap at KS
05/10/08	70377	15:15:45 - 15:17:09	gap at KS
05/10/08	70378	16:53:24 - 16:54:36	gap at KS
05/10/08	70374	10:33:07 - 10:34:16	gap at MS
05/10/08	70375	12:11:30 - 12:12:41	gap at MS
05/10/08	70370	03:13:29 - 03:14:31	gap at MI
05/10/08	70378	17:46:11 - 17:47:23	gap at MM
05/10/08	70369	02:05:22 - 02:06:40	gap at BE
05/10/08	70369	02:18:02 - 02:19:02	gap at SG
05/10/08	70370	03:55:28 - 03:57:17	gap at SG
05/10/08	70370	04:04:00 - 04:08:51	gap at SG
05/10/08	70372	07:25:23 - 07:26:58	gap at JO
05/10/08	70372	07:32:25 - 07:39:11	gap at JO
05/10/08	70380	21:24:11 - 21:28:33	gap at JO
06/10/08	70382	00:14:53 - 00:29:31	gap at HO
06/10/08	70383	01:58:12 - 02:06:52	gap at HO
06/10/08	70383	01:10:07 - 01:20:41	gap at GS
06/10/08	70384	02:47:03 - 03:00:58	gap at GS
06/10/08	70384	03:24:04 - 03:37:57	gap at SG
06/10/08	70384	02:44:32 - 02:51:09	gap at CM
06/10/08	70384	04:20:32 - 04:32:48	gap at CM
06/10/08	70385	04:54:04 - 05:02:21	gap at BE
06/10/08	70385	04:28:44 - 04:39:21	gap at GS
06/10/08	70386	06:55:33 - 07:07:10	gap at JO
06/10/08	70387	08:32:45 - 08:47:38	gap at JO
06/10/08	70391	14:29:49 - 14:43:02	gap at BE
06/10/08	70391	15:03:10 - 15:14:39	gap at MI
06/10/08	70392	16:42:00 - 16:54:23	gap at MI
06/10/08	70393	19:15:40 - 19:25:29	gap at JO
06/10/08	70394	20:33:32 - 20:46:16	gap at MM
06/10/08	70394	20:52:45 - 21:07:45	gap at JO
06/10/08	70395	22:07:17 - 22:18:02	gap at HO
06/10/08	70395	22:34:29 - 22:43:00	gap at JO
06/10/08	70396	23:43:52 - 23:58:16	gap at HO
06/10/08	70390	13:06:24 - 13:07:27	gap at KS
06/10/08	70392	16:22:45 - 16:23:54	gap at KS
06/10/08	70391	14:45:06 - 14:46:13	gap at KS
06/10/08	70388	09:47:41 - 09:48:45	gap at KS
06/10/08	70387	08:08:04 - 08:09:06	gap at KS

06/10/08	70393	18:00:34 - 18:01:57	gap at KS
06/10/08	70389	11:40:10 - 11:42:27	gap at MS
06/10/08	70389	11:48:48 - 11:53:27	gap at MS
06/10/08	70390	13:21:33 - 13:22:39	gap at MS
06/10/08	70384	03:13:04 - 03:19:30	gap at BE
06/10/08	70391	15:59:08 - 16:00:28	gap at SG
07/10/08	70397	01:24:35 - 01:36:51	gap at HO
07/10/08	70398	02:41:53 - 02:55:09	gap at BE
07/10/08	70398	02:53:18 - 03:06:25	gap at SG
07/10/08	70398	03:49:22 - 04:01:38	gap at CM
07/10/08	70399	04:21:57 - 04:32:55	gap at BE
07/10/08	70399	04:33:31 - 04:44:22	gap at SG
07/10/08	70400	05:58:10 - 06:02:58	gap at KS
07/10/08	70400	05:31:59 - 05:37:52	gap at CM
07/10/08	70400	06:26:56 - 06:34:15	gap at JO
07/10/08	70403	11:54:36 - 12:07:41	gap at HO
07/10/08	70404	13:33:31 - 13:48:11	gap at HO
07/10/08	70404	13:24:59 - 13:37:42	gap at MM
07/10/08	70405	13:58:29 - 14:11:52	gap at BE
07/10/08	70405	15:14:42 - 15:22:49	gap at HO
07/10/08	70405	15:04:34 - 15:17:14	gap at MM
07/10/08	70406	15:40:21 - 15:49:50	gap at BE
07/10/08	70406	16:43:52 - 16:56:24	gap at MM
07/10/08	70407	17:53:58 - 17:57:06	gap at MI
07/10/08	70408	20:02:15 - 20:14:58	gap at MM
07/10/08	70408	20:21:39 - 20:36:24	gap at JO
07/10/08	70409	21:03:23 - 21:11:07	gap at PS
07/10/08	70410	23:12:57 - 23:26:55	gap at HO
07/10/08	70410	23:22:37 - 23:34:33	gap at MM
07/10/08	70402	09:16:22 - 09:17:25	gap at KS
07/10/08	70403	10:55:58 - 10:57:04	gap at KS
07/10/08	70404	12:35:18 - 12:36:21	gap at KS
07/10/08	70405	14:14:09 - 14:15:17	gap at KS
07/10/08	70406	15:52:00 - 15:53:07	gap at KS
07/10/08	70407	17:29:55 - 17:31:03	gap at KS
07/10/08	70403	11:09:05 - 11:10:16	gap at MS
07/10/08	70404	12:49:04 - 12:50:09	gap at MS
07/10/08	70410	22:18:57 - 22:20:24	gap at MS
07/10/08	70399	03:50:25 - 03:52:05	gap at MI
07/10/08	70407	18:23:00 - 18:24:06	gap at MM
07/10/08	70409	21:42:00 - 21:43:18	gap at MM
07/10/08	70407	17:55:12 - 17:57:03	gap at CM
07/10/08	70401	08:01:32 - 08:11:49	gap at JO
07/10/08	70402	09:43:15 - 09:44:53	gap at JO
07/10/08	70409	22:01:51 - 22:03:26	gap at JO
08/10/08	70411	00:52:26 - 01:06:12	gap at HO
08/10/08	70411	00:15:56 - 00:19:32	gap at KS
08/10/08	70412	02:10:57 - 02:23:19	gap at BE

08/10/08	70413	03:50:14 - 04:02:46	gap at BE
08/10/08	70417	11:24:03 - 11:35:02	gap at HO
08/10/08	70417	11:13:44 - 11:25:43	gap at MM
08/10/08	70418	13:02:13 - 13:17:02	gap at HO
08/10/08	70419	14:42:36 - 14:53:07	gap at HO
08/10/08	70420	15:07:33 - 15:19:31	gap at BE
08/10/08	70420	16:12:41 - 16:25:15	gap at MM
08/10/08	70420	16:37:24 - 16:47:39	gap at SG
08/10/08	70422	19:50:58 - 20:04:27	gap at JO
08/10/08	70423	21:10:35 - 21:23:17	gap at MM
08/10/08	70423	20:31:44 - 20:41:32	gap at PS
08/10/08	70424	22:42:32 - 22:55:26	gap at HO
08/10/08	70416	08:45:04 - 08:46:05	gap at KS
08/10/08	70417	10:24:41 - 10:25:45	gap at KS
08/10/08	70418	12:04:08 - 12:05:13	gap at KS
08/10/08	70419	13:43:05 - 13:44:12	gap at KS
08/10/08	70420	15:21:17 - 15:22:42	gap at KS
08/10/08	70421	16:58:59 - 17:00:08	gap at KS
08/10/08	70422	18:37:05 - 18:38:06	gap at KS
08/10/08	70417	10:38:37 - 10:39:48	gap at MS
08/10/08	70418	12:17:16 - 12:18:28	gap at MS
08/10/08	70423	20:09:12 - 20:10:25	gap at MA
08/10/08	70413	03:19:06 - 03:20:11	gap at MI
08/10/08	70421	17:51:51 - 17:53:07	gap at MM
08/10/08	70412	02:29:29 - 02:34:05	gap at SG
08/10/08	70413	04:10:17 - 04:14:24	gap at SG
08/10/08	70415	07:30:53 - 07:33:11	gap at JO
08/10/08	70416	09:10:26 - 09:12:16	gap at JO
08/10/08	70423	21:29:56 - 21:31:25	gap at JO
09/10/08	70425	00:20:34 - 00:35:12	gap at HO
09/10/08	70426	02:04:47 - 02:12:07	gap at HO
09/10/08	70427	03:18:46 - 03:32:04	gap at BE
09/10/08	70427	03:29:44 - 03:43:37	gap at SG
09/10/08	70429	07:00:55 - 07:13:02	gap at JO
09/10/08	70430	08:38:30 - 08:53:16	gap at JO
09/10/08	70433	12:57:21 - 13:08:49	gap at BE
09/10/08	70433	14:26:40 - 14:37:56	gap at SG
09/10/08	70434	16:04:56 - 16:17:51	gap at SG
09/10/08	70434	15:13:06 - 15:20:43	gap at CM
09/10/08	70435	16:50:15 - 17:02:18	gap at CM
09/10/08	70436	18:59:50 - 19:12:28	gap at MM
09/10/08	70436	19:20:59 - 19:31:36	gap at JO
09/10/08	70437	20:39:14 - 20:51:58	gap at MM
09/10/08	70437	20:58:26 - 21:13:23	gap at JO
09/10/08	70438	22:12:38 - 22:23:50	gap at HO
09/10/08	70439	23:49:30 - 00:03:57	gap at HO
09/10/08	70430	08:13:45 - 08:14:46	gap at KS
09/10/08	70431	09:53:23 - 09:54:27	gap at KS



09/10/08	70432	11:32:55 - 11:34:03	gap at KS
09/10/08	70433	13:12:03 - 13:13:05	gap at KS
09/10/08	70434	14:50:43 - 14:51:49	gap at KS
09/10/08	70435	16:28:22 - 16:29:29	gap at KS
09/10/08	70436	18:06:09 - 18:07:28	gap at KS
09/10/08	70431	10:08:38 - 10:09:42	gap at MS
09/10/08	70432	11:45:49 - 11:46:56	gap at MS
09/10/08	70438	21:17:25 - 21:18:37	gap at MA
09/10/08	70435	17:20:42 - 17:21:44	gap at MM
09/10/08	70434	14:35:34 - 14:36:57	gap at BE
09/10/08	70434	14:39:54 - 14:48:41	gap at BE
09/10/08	70438	22:40:35 - 22:44:58	gap at JO
10/10/08	70439	23:49:30 - 00:03:57	gap at HO
10/10/08	70439	00:00:14 - 00:11:43	gap at MM
10/10/08	70440	01:30:34 - 01:42:23	gap at HO
10/10/08	70440	00:46:04 - 00:54:31	gap at GS
10/10/08	70441	02:47:32 - 03:00:53	gap at BE
10/10/08	70441	02:58:50 - 03:12:12	gap at SG
10/10/08	70441	03:54:59 - 04:07:20	gap at CM
10/10/08	70442	04:27:45 - 04:38:20	gap at BE
10/10/08	70442	03:56:11 - 04:09:09	gap at MI
10/10/08	70442	04:39:30 - 04:49:41	gap at SG
10/10/08	70443	06:03:42 - 06:09:09	gap at KS
10/10/08	70443	05:38:35 - 05:42:40	gap at CM
10/10/08	70443	06:31:59 - 06:40:22	gap at JO
10/10/08	70444	08:07:10 - 08:22:10	gap at JO
10/10/08	70446	12:00:13 - 12:13:34	gap at HO
10/10/08	70447	13:39:14 - 13:53:43	gap at HO
10/10/08	70448	15:20:34 - 15:28:10	gap at HO
10/10/08	70449	15:46:27 - 15:55:15	gap at BE
10/10/08	70449	16:49:32 - 17:02:04	gap at MM
10/10/08	70449	16:18:56 - 16:31:19	gap at CM
10/10/08	70450	18:01:33 - 18:06:10	gap at CM
10/10/08	70451	20:27:16 - 20:42:09	gap at JO
10/10/08	70453	23:18:30 - 23:32:38	gap at HO
10/10/08	70445	09:22:04 - 09:23:07	gap at KS
10/10/08	70446	11:01:39 - 11:02:43	gap at KS
10/10/08	70447	12:40:57 - 12:42:00	gap at KS
10/10/08	70448	14:19:47 - 14:20:53	gap at KS
10/10/08	70449	15:57:35 - 15:58:41	gap at KS
10/10/08	70450	17:35:30 - 17:36:37	gap at KS
10/10/08	70446	11:14:42 - 11:15:49	gap at MS
10/10/08	70447	12:54:54 - 12:56:00	gap at MS
10/10/08	70444	07:55:42 - 07:59:48	gap at MA
10/10/08	70441	02:18:31 - 02:19:34	gap at MI
10/10/08	70452	21:47:44 - 21:48:56	gap at MM
10/10/08	70448	14:04:08 - 14:05:17	gap at BE
10/10/08	70448	14:06:44 - 14:17:33	gap at BE

10/10/08	70448	15:33:19 - 15:34:22	gap at SG
10/10/08	70445	09:49:22 - 09:51:04	gap at JO
10/10/08	70452	22:07:43 - 22:09:16	gap at JO
11/10/08	70454	00:58:16 - 01:11:47	gap at HO
11/10/08	70454	00:22:22 - 00:24:51	gap at KS
11/10/08	70456	03:24:25 - 03:35:43	gap at CM
11/10/08	70456	05:04:20 - 05:14:15	gap at CM
11/10/08	70458	07:58:57 - 08:07:22	gap at MM
11/10/08	70459	09:16:19 - 09:29:29	gap at JO
11/10/08	70462	14:48:25 - 14:58:21	gap at HO
11/10/08	70463	15:13:27 - 15:25:05	gap at BE
11/10/08	70463	16:18:21 - 16:30:55	gap at MM
11/10/08	70463	16:43:27 - 16:52:55	gap at SG
11/10/08	70463	15:48:12 - 15:59:36	gap at CM
11/10/08	70464	17:28:03 - 17:37:52	gap at CM
11/10/08	70465	19:56:31 - 20:10:19	gap at JO
11/10/08	70467	22:48:03 - 23:01:09	gap at HO
11/10/08	70459	08:50:45 - 08:51:47	gap at KS
11/10/08	70460	10:30:22 - 10:31:26	gap at KS
11/10/08	70461	12:09:48 - 12:10:51	gap at KS
11/10/08	70462	13:48:43 - 13:49:50	gap at KS
11/10/08	70463	15:26:52 - 15:28:13	gap at KS
11/10/08	70464	17:04:34 - 17:05:41	gap at KS
11/10/08	70460	10:44:06 - 10:45:14	gap at MS
11/10/08	70461	12:23:00 - 12:24:10	gap at MS
11/10/08	70468	23:32:05 - 23:33:12	gap at MS
11/10/08	70456	03:24:45 - 03:27:28	gap at MI
11/10/08	70464	17:57:31 - 17:58:52	gap at MM
11/10/08	70455	02:16:33 - 02:17:44	gap at BE
11/10/08	70456	03:55:58 - 03:57:04	gap at BE
11/10/08	70458	07:36:25 - 07:37:52	gap at JO
11/10/08	70466	21:35:43 - 21:37:11	gap at JO
12/10/08	70468	00:26:14 - 00:40:52	gap at HO
12/10/08	70469	01:45:58 - 01:56:45	gap at BE
12/10/08	70470	02:54:50 - 03:03:19	gap at CM
12/10/08	70470	04:32:03 - 04:44:00	gap at CM
12/10/08	70476	14:16:36 - 14:29:24	gap at HO
12/10/08	70477	14:41:20 - 14:54:19	gap at BE
12/10/08	70477	16:10:46 - 16:23:21	gap at SG
12/10/08	70477	15:18:21 - 15:26:52	gap at CM
12/10/08	70478	16:56:00 - 17:07:51	gap at CM
12/10/08	70479	19:26:22 - 19:37:40	gap at JO
12/10/08	70480	21:04:08 - 21:19:00	gap at JO
12/10/08	70481	22:18:01 - 22:29:37	gap at HO
12/10/08	70482	23:55:08 - 00:09:38	gap at HO
12/10/08	70473	08:19:27 - 08:20:28	gap at KS
12/10/08	70474	09:59:04 - 10:00:06	gap at KS
12/10/08	70475	11:38:35 - 11:39:43	gap at KS

12/10/08	70476	13:17:42 - 13:18:44	gap at KS
12/10/08	70477	14:56:18 - 14:57:25	gap at KS
12/10/08	70478	16:33:55 - 16:35:03	gap at KS
12/10/08	70479	18:11:46 - 18:13:00	gap at KS
12/10/08	70474	10:14:00 - 10:15:06	gap at MS
12/10/08	70475	11:51:27 - 11:52:37	gap at MS
12/10/08	70481	21:23:11 - 21:24:20	gap at MA
12/10/08	70478	17:26:22 - 17:27:32	gap at MM
12/10/08	70470	03:24:28 - 03:25:34	gap at BE
12/10/08	70470	03:35:25 - 03:37:43	gap at SG
12/10/08	70476	14:32:04 - 14:33:44	gap at SG
12/10/08	70472	07:06:18 - 07:07:52	gap at JO
12/10/08	70473	08:44:15 - 08:45:45	gap at JO
12/10/08	70481	22:46:48 - 22:48:55	gap at JO
12/10/08	70477	16:10:46 - 16:23:21	gap at SG
12/10/08	70477	15:18:21 - 15:26:52	gap at CM
12/10/08	70478	16:56:00 - 17:07:51	gap at CM
12/10/08	70479	19:26:22 - 19:37:40	gap at JO
12/10/08	70480	21:04:08 - 21:19:00	gap at JO
12/10/08	70481	22:18:01 - 22:29:37	gap at HO
12/10/08	70482	23:55:08 - 00:09:38	gap at HO
12/10/08	70473	08:19:27 - 08:20:28	gap at KS
12/10/08	70474	09:59:04 - 10:00:06	gap at KS
12/10/08	70475	11:38:35 - 11:39:43	gap at KS
12/10/08	70476	13:17:42 - 13:18:44	gap at KS
12/10/08	70477	14:56:18 - 14:57:25	gap at KS
12/10/08	70478	16:33:55 - 16:35:03	gap at KS
12/10/08	70479	18:11:46 - 18:13:00	gap at KS
12/10/08	70474	10:14:00 - 10:15:06	gap at MS
12/10/08	70475	11:51:27 - 11:52:37	gap at MS
12/10/08	70481	21:23:11 - 21:24:20	gap at MA
12/10/08	70478	17:26:22 - 17:27:32	gap at MM
12/10/08	70470	03:24:28 - 03:25:34	gap at BE
12/10/08	70470	03:35:25 - 03:37:43	gap at SG
12/10/08	70476	14:32:04 - 14:33:44	gap at SG
12/10/08	70472	07:06:18 - 07:07:52	gap at JO
12/10/08	70473	08:44:15 - 08:45:45	gap at JO
12/10/08	70481	22:46:48 - 22:48:55	gap at JO
13/10/08	70482	23:55:08 - 00:09:38	gap at HO
13/10/08	70483	01:36:27 - 01:47:54	gap at HO
13/10/08	70484	02:53:12 - 03:06:35	gap at BE
13/10/08	70484	04:00:37 - 04:13:02	gap at CM
13/10/08	70486	05:50:18 - 06:03:12	gap at PS
13/10/08	70487	08:12:49 - 08:27:51	gap at JO
13/10/08	70491	14:44:10 - 14:53:41	gap at MI
13/10/08	70491	15:39:01 - 15:52:48	gap at SG
13/10/08	70492	15:52:36 - 16:00:37	gap at BE
13/10/08	70492	16:21:53 - 16:34:59	gap at MI

13/10/08	70492	16:24:35 - 16:37:00	gap at CM
13/10/08	70493	18:08:27 - 18:10:30	gap at CM
13/10/08	70494	19:34:27 - 19:46:52	gap at PS
13/10/08	70494	20:32:55 - 20:47:52	gap at JO
13/10/08	70495	21:48:52 - 21:57:36	gap at HO
13/10/08	70496	23:24:07 - 23:38:20	gap at HO
13/10/08	70488	09:27:46 - 09:28:48	gap at KS
13/10/08	70489	11:07:20 - 11:08:24	gap at KS
13/10/08	70490	12:46:37 - 12:47:39	gap at KS
13/10/08	70491	14:25:25 - 14:26:32	gap at KS
13/10/08	70492	16:03:10 - 16:04:17	gap at KS
13/10/08	70493	17:41:05 - 17:42:12	gap at KS
13/10/08	70489	11:20:20 - 11:21:31	gap at MS
13/10/08	70490	13:00:48 - 13:01:51	gap at MS
13/10/08	70495	20:51:24 - 20:52:45	gap at MA
13/10/08	70485	04:01:58 - 04:03:37	gap at MI
13/10/08	70495	21:53:27 - 21:54:31	gap at MM
13/10/08	70485	04:33:34 - 04:34:42	gap at BE
13/10/08	70485	04:37:10 - 04:43:43	gap at BE
13/10/08	70491	14:09:49 - 14:10:57	gap at BE
13/10/08	70491	14:12:54 - 14:23:14	gap at BE
13/10/08	70484	03:04:24 - 03:05:32	gap at SG
13/10/08	70484	03:14:44 - 03:17:57	gap at SG
13/10/08	70486	06:37:08 - 06:39:12	gap at JO
13/10/08	70488	09:55:33 - 09:57:20	gap at JO
14/10/08	70497	01:04:05 - 01:17:23	gap at HO
14/10/08	70498	02:22:10 - 02:34:58	gap at BE
14/10/08	70498	03:29:55 - 03:41:30	gap at CM
14/10/08	70499	04:01:44 - 04:13:48	gap at BE
14/10/08	70499	05:10:20 - 05:19:38	gap at CM
14/10/08	70501	07:41:58 - 07:56:28	gap at JO
14/10/08	70502	09:45:04 - 09:55:47	gap at MM
14/10/08	70503	11:35:04 - 11:47:07	gap at HO
14/10/08	70504	13:13:35 - 13:28:24	gap at HO
14/10/08	70505	14:54:14 - 15:03:43	gap at HO
14/10/08	70506	15:19:22 - 15:30:37	gap at BE
14/10/08	70506	15:53:44 - 16:05:26	gap at CM
14/10/08	70507	17:31:58 - 17:39:59	gap at MI
14/10/08	70507	17:33:59 - 17:43:12	gap at CM
14/10/08	70508	20:02:04 - 20:16:09	gap at JO
14/10/08	70510	22:53:39 - 23:06:53	gap at HO
14/10/08	70510	23:02:24 - 23:14:33	gap at MM
14/10/08	70502	08:56:27 - 08:57:28	gap at KS
14/10/08	70503	10:36:04 - 10:37:08	gap at KS
14/10/08	70504	12:15:28 - 12:16:31	gap at KS
14/10/08	70505	13:54:22 - 13:55:29	gap at KS
14/10/08	70506	15:32:27 - 15:33:43	gap at KS
14/10/08	70507	17:10:11 - 17:11:19	gap at KS

14/10/08	70506	15:45:38 - 15:58:35	gap at GS
14/10/08	70503	10:49:36 - 10:50:44	gap at MS
14/10/08	70504	12:28:44 - 12:29:53	gap at MS
14/10/08	70499	03:30:25 - 03:32:47	gap at MI
14/10/08	70507	18:03:11 - 18:04:32	gap at MM
14/10/08	70498	02:34:07 - 02:45:50	gap at SG
14/10/08	70499	04:12:53 - 04:23:25	gap at SG
14/10/08	70505	15:07:55 - 15:09:01	gap at SG
14/10/08	70506	16:49:34 - 16:50:56	gap at SG
14/10/08	70502	09:22:15 - 09:24:06	gap at JO
14/10/08	70509	21:41:29 - 21:42:59	gap at JO
15/10/08	70511	00:32:01 - 00:46:32	gap at HO
15/10/08	70512	01:51:29 - 02:02:42	gap at BE
15/10/08	70513	03:30:11 - 03:43:18	gap at BE
15/10/08	70513	03:00:07 - 03:09:18	gap at CM
15/10/08	70514	06:18:27 - 06:30:09	gap at CM
15/10/08	70517	11:05:10 - 11:13:57	gap at HO
15/10/08	70518	12:42:26 - 12:57:09	gap at HO
15/10/08	70519	14:22:22 - 14:34:55	gap at HO
15/10/08	70519	14:13:23 - 14:26:07	gap at MM
15/10/08	70519	13:23:21 - 13:35:39	gap at KS
15/10/08	70520	15:01:53 - 15:13:25	gap at KS
15/10/08	70520	15:23:40 - 15:32:56	gap at CM
15/10/08	70522	19:11:10 - 19:23:49	gap at MM
15/10/08	70522	18:17:23 - 18:30:55	gap at KS
15/10/08	70522	19:31:47 - 19:43:41	gap at JO
15/10/08	70523	19:56:28 - 20:10:26	gap at KS
15/10/08	70524	22:23:26 - 22:35:22	gap at HO
15/10/08	70524	22:30:45 - 22:43:08	gap at MM
15/10/08	70524	21:37:22 - 21:50:04	gap at KS
15/10/08	70525	23:20:51 - 23:29:22	gap at KS
15/10/08	70516	08:25:08 - 08:26:09	gap at KS
15/10/08	70517	10:04:46 - 10:05:49	gap at KS
15/10/08	70518	11:44:16 - 11:45:22	gap at KS
15/10/08	70517	10:19:26 - 10:20:32	gap at MS
15/10/08	70518	11:57:09 - 11:58:16	gap at MS
15/10/08	70524	21:28:58 - 21:30:05	gap at MA
15/10/08	70520	14:47:07 - 14:48:20	gap at BE
15/10/08	70520	14:51:37 - 14:59:56	gap at BE
15/10/08	70512	02:05:04 - 02:07:56	gap at SG
15/10/08	70513	03:41:07 - 03:46:00	gap at SG
15/10/08	70513	03:53:30 - 03:54:53	gap at SG
15/10/08	70519	14:37:30 - 14:39:53	gap at SG
15/10/08	70515	07:11:43 - 07:13:10	gap at JO
15/10/08	70516	08:50:02 - 08:52:27	gap at JO
15/10/08	70523	21:09:51 - 21:11:12	gap at JO
15/10/08	70521	16:59:25 - 17:10:47	gap at MI
15/10/08	70521	16:39:29 - 16:51:49	gap at KS

15/10/08	70521	16:53:05 - 17:06:06	gap at GS
15/10/08	70521	17:01:46 - 17:13:23	gap at CM
15/10/08	70520	16:16:37 - 16:28:49	gap at SG
16/10/08	70525	00:00:48 - 00:15:19	gap at HO
16/10/08	70525	00:11:51 - 00:23:10	gap at MM
16/10/08	70526	01:42:37 - 01:53:25	gap at HO
16/10/08	70527	02:58:52 - 03:12:17	gap at BE
16/10/08	70527	03:37:02 - 03:44:04	gap at MM
16/10/08	70527	02:29:18 - 02:40:38	gap at MI
16/10/08	70527	02:32:55 - 02:46:44	gap at GS
16/10/08	70527	03:10:00 - 03:23:42	gap at SG
16/10/08	70527	02:32:56 - 02:34:43	gap at CM
16/10/08	70528	04:39:23 - 04:49:05	gap at BE
16/10/08	70528	05:19:51 - 05:25:37	gap at MM
16/10/08	70528	04:07:47 - 04:20:19	gap at MI
16/10/08	70528	04:13:49 - 04:25:30	gap at GS
16/10/08	70528	05:46:53 - 05:59:18	gap at CM
16/10/08	70529	07:01:23 - 07:08:27	gap at MM
16/10/08	70529	06:14:50 - 06:21:16	gap at KS
16/10/08	70529	06:42:20 - 06:52:23	gap at JO
16/10/08	70530	08:18:30 - 08:33:31	gap at JO
16/10/08	70532	12:11:28 - 12:25:18	gap at HO
16/10/08	70533	13:50:40 - 14:04:56	gap at HO
16/10/08	70534	14:15:30 - 14:28:54	gap at BE
16/10/08	70535	15:58:50 - 16:05:54	gap at BE
16/10/08	70535	16:30:16 - 16:42:40	gap at CM
16/10/08	70537	20:38:34 - 20:53:34	gap at JO
16/10/08	70538	21:54:05 - 22:03:28	gap at HO
16/10/08	70539	23:29:43 - 23:44:02	gap at HO
16/10/08	70539	23:39:58 - 23:51:42	gap at MM
16/10/08	70531	09:33:27 - 09:34:29	gap at KS
16/10/08	70532	11:13:01 - 11:14:06	gap at KS
16/10/08	70533	12:52:16 - 12:53:18	gap at KS
16/10/08	70534	14:31:02 - 14:32:10	gap at KS
16/10/08	70535	16:08:45 - 16:09:49	gap at KS
16/10/08	70536	17:46:40 - 17:47:49	gap at KS
16/10/08	70532	11:25:59 - 11:27:09	gap at MS
16/10/08	70533	13:06:41 - 13:07:48	gap at MS
16/10/08	70534	15:44:44 - 15:45:57	gap at SG
16/10/08	70531	10:01:51 - 10:03:44	gap at JO
16/10/08	70536	19:02:44 - 19:04:43	gap at JO
16/10/08	70538	22:19:31 - 22:21:10	gap at JO
17/10/08	70540	01:09:53 - 01:22:58	gap at HO
17/10/08	70540	01:21:48 - 01:31:53	gap at MM
17/10/08	70541	02:27:47 - 02:40:45	gap at BE
17/10/08	70541	03:04:37 - 03:12:22	gap at MM
17/10/08	70542	04:07:29 - 04:19:17	gap at BE
17/10/08	70542	04:47:38 - 04:53:33	gap at MM

17/10/08	70543	06:29:36 - 06:36:03	gap at MM
17/10/08	70544	08:10:26 - 08:19:08	gap at MM
17/10/08	70545	09:50:47 - 10:01:36	gap at MM
17/10/08	70546	11:30:53 - 11:43:02	gap at MM
17/10/08	70547	13:10:44 - 13:23:26	gap at MM
17/10/08	70548	15:00:05 - 15:09:12	gap at HO
17/10/08	70548	14:50:21 - 15:03:03	gap at MM
17/10/08	70548	15:13:31 - 15:27:18	gap at SG
17/10/08	70549	16:29:42 - 16:42:15	gap at MM
17/10/08	70549	15:56:15 - 16:09:38	gap at MI
17/10/08	70549	16:55:47 - 17:03:12	gap at SG
17/10/08	70550	18:08:51 - 18:21:24	gap at MM
17/10/08	70551	19:48:03 - 20:00:45	gap at MM
17/10/08	70551	20:07:39 - 20:21:58	gap at JO
17/10/08	70552	21:27:43 - 21:40:23	gap at MM
17/10/08	70552	21:47:17 - 22:00:30	gap at JO
17/10/08	70553	22:59:14 - 23:12:37	gap at HO
17/10/08	70553	23:08:11 - 23:20:16	gap at MM
17/10/08	70545	09:02:08 - 09:03:09	gap at KS
17/10/08	70546	10:41:45 - 10:42:49	gap at KS
17/10/08	70547	12:21:08 - 12:22:10	gap at KS
17/10/08	70548	14:00:02 - 14:01:08	gap at KS
17/10/08	70549	15:38:03 - 15:39:13	gap at KS
17/10/08	70550	17:15:52 - 17:16:59	gap at KS
17/10/08	70546	10:55:03 - 10:56:07	gap at MS
17/10/08	70547	12:34:29 - 12:35:30	gap at MS
17/10/08	70542	03:36:07 - 03:37:45	gap at MI
17/10/08	70550	17:38:02 - 17:41:48	gap at MI
17/10/08	70549	15:25:19 - 15:26:57	gap at BE
17/10/08	70549	15:29:07 - 15:36:09	gap at BE
17/10/08	70541	02:50:49 - 02:51:50	gap at SG
17/10/08	70542	04:29:14 - 04:30:52	gap at SG
17/10/08	70544	07:47:32 - 07:48:58	gap at JO
17/10/08	70545	09:28:12 - 09:30:09	gap at JO
17/10/08	70545	09:31:27 - 09:40:27	gap at JO
18/10/08	70554	00:37:54 - 00:52:11	gap at HO
18/10/08	70554	00:49:41 - 01:00:22	gap at MM
18/10/08	70554	00:00:21 - 00:05:49	gap at KS
18/10/08	70555	01:57:01 - 02:08:38	gap at BE
18/10/08	70555	02:32:14 - 02:40:45	gap at MM
18/10/08	70556	03:35:54 - 03:48:53	gap at BE
18/10/08	70556	04:15:19 - 04:21:38	gap at MM
18/10/08	70557	05:57:43 - 06:03:42	gap at MM
18/10/08	70558	07:38:49 - 07:46:45	gap at MM
18/10/08	70558	06:34:34 - 06:45:15	gap at PS
18/10/08	70559	09:19:17 - 09:29:30	gap at MM
18/10/08	70560	10:59:27 - 11:11:16	gap at MM
18/10/08	70561	12:39:23 - 12:51:59	gap at MM

18/10/08	70562	14:28:08 - 14:40:10	gap at HO
18/10/08	70562	14:19:05 - 14:31:48	gap at MM
18/10/08	70563	15:58:30 - 16:11:05	gap at MM
18/10/08	70563	16:22:31 - 16:34:15	gap at SG
18/10/08	70563	15:29:03 - 15:38:56	gap at CM
18/10/08	70564	17:37:41 - 17:50:13	gap at MM
18/10/08	70564	17:07:34 - 17:18:53	gap at CM
18/10/08	70565	19:16:51 - 19:29:30	gap at MM
18/10/08	70565	19:37:14 - 19:49:39	gap at JO
18/10/08	70566	20:56:19 - 21:09:03	gap at MM
18/10/08	70567	22:28:52 - 22:41:06	gap at HO
18/10/08	70567	22:36:30 - 22:48:51	gap at MM
18/10/08	70560	10:10:27 - 10:11:29	gap at KS
18/10/08	70561	11:49:57 - 11:51:03	gap at KS
18/10/08	70563	15:07:26 - 15:08:41	gap at KS
18/10/08	70564	16:45:03 - 16:46:10	gap at KS
18/10/08	70565	18:23:01 - 18:24:05	gap at KS
18/10/08	70560	10:24:53 - 10:26:02	gap at MS
18/10/08	70566	19:55:19 - 19:56:28	gap at MA
18/10/08	70563	15:34:16 - 15:38:04	gap at MI
18/10/08	70563	14:52:56 - 14:54:14	gap at BE
18/10/08	70563	14:57:28 - 15:05:33	gap at BE
18/10/08	70556	03:46:51 - 03:54:25	gap at SG
18/10/08	70562	14:42:58 - 14:45:55	gap at SG
18/10/08	70558	07:17:10 - 07:18:37	gap at JO
18/10/08	70559	08:55:50 - 08:57:15	gap at JO
18/10/08	70566	21:15:35 - 21:16:54	gap at JO
19/10/08	70568	00:06:25 - 00:21:00	gap at HO
19/10/08	70568	00:17:40 - 00:28:53	gap at MM
19/10/08	70569	01:48:58 - 01:58:53	gap at HO
19/10/08	70569	01:59:54 - 02:09:10	gap at MM
19/10/08	70570	03:04:32 - 03:17:57	gap at BE
19/10/08	70570	03:42:55 - 03:49:50	gap at MM
19/10/08	70570	02:37:11 - 02:41:41	gap at CM
19/10/08	70570	04:11:58 - 04:24:21	gap at CM
19/10/08	70571	04:45:15 - 04:54:25	gap at BE
19/10/08	70571	05:25:41 - 05:31:28	gap at MM
19/10/08	70572	07:07:09 - 07:14:21	gap at MM
19/10/08	70572	06:02:00 - 06:14:27	gap at PS
19/10/08	70573	08:47:45 - 08:57:18	gap at MM
19/10/08	70574	10:27:59 - 10:39:24	gap at MM
19/10/08	70575	12:08:00 - 12:20:26	gap at MM
19/10/08	70576	13:56:25 - 14:10:23	gap at HO
19/10/08	70576	13:47:46 - 14:00:30	gap at MM
19/10/08	70577	14:21:13 - 14:34:34	gap at BE
19/10/08	70577	15:27:17 - 15:39:55	gap at MM
19/10/08	70577	15:00:41 - 15:04:38	gap at CM
19/10/08	70578	16:05:11 - 16:11:05	gap at BE



19/10/08	70578	17:06:32 - 17:19:04	gap at MM
19/10/08	70579	18:45:40 - 18:58:16	gap at MM
19/10/08	70580	20:25:00 - 20:37:44	gap at MM
19/10/08	70580	20:44:14 - 20:59:15	gap at JO
19/10/08	70581	22:04:55 - 22:17:27	gap at MM
19/10/08	70582	23:35:21 - 23:49:44	gap at HO
19/10/08	70582	23:45:45 - 23:57:25	gap at MM
19/10/08	70573	07:59:32 - 08:00:34	gap at KS
19/10/08	70574	09:39:09 - 09:40:10	gap at KS
19/10/08	70575	11:18:42 - 11:19:46	gap at KS
19/10/08	70576	12:57:55 - 12:58:57	gap at KS
19/10/08	70577	14:36:40 - 14:37:45	gap at KS
19/10/08	70578	16:14:20 - 16:15:26	gap at KS
19/10/08	70579	17:52:14 - 17:53:30	gap at KS
19/10/08	70575	11:31:39 - 11:33:13	gap at MS
19/10/08	70576	13:12:35 - 13:13:36	gap at MS
19/10/08	70570	03:15:37 - 03:16:46	gap at SG
19/10/08	70577	15:50:29 - 15:51:53	gap at SG
19/10/08	70572	06:47:35 - 06:54:50	gap at JO
19/10/08	70572	06:56:12 - 06:58:19	gap at JO
19/10/08	70573	08:24:11 - 08:25:55	gap at JO
19/10/08	70574	10:08:17 - 10:10:23	gap at JO
19/10/08	70579	19:07:49 - 19:09:42	gap at JO
19/10/08	70581	22:25:28 - 22:27:12	gap at JO
20/10/08	70583	01:15:43 - 01:28:32	gap at HO
20/10/08	70583	01:27:40 - 01:37:37	gap at MM
20/10/08	70584	03:10:30 - 03:18:08	gap at MM
20/10/08	70584	03:40:59 - 03:53:02	gap at CM
20/10/08	70585	04:53:30 - 04:59:22	gap at MM
20/10/08	70586	06:35:23 - 06:41:56	gap at MM
20/10/08	70586	05:49:59 - 05:52:29	gap at KS
20/10/08	70586	05:22:33 - 05:30:13	gap at CM
20/10/08	70587	08:16:11 - 08:25:00	gap at MM
20/10/08	70588	09:56:31 - 10:07:26	gap at MM
20/10/08	70589	11:36:35 - 11:48:48	gap at MM
20/10/08	70590	13:16:26 - 13:29:08	gap at MM
20/10/08	70591	15:05:55 - 15:14:40	gap at HO
20/10/08	70591	14:56:02 - 15:08:43	gap at MM
20/10/08	70591	15:19:09 - 15:33:00	gap at SG
20/10/08	70592	15:31:18 - 15:41:39	gap at BE
20/10/08	70592	16:35:22 - 16:47:54	gap at MM
20/10/08	70593	18:14:30 - 18:27:04	gap at MM
20/10/08	70594	19:53:44 - 20:06:26	gap at MM
20/10/08	70594	20:13:14 - 20:27:45	gap at JO
20/10/08	70595	21:33:26 - 21:46:05	gap at MM
20/10/08	70596	23:04:43 - 23:18:21	gap at HO
20/10/08	70596	23:13:57 - 23:25:59	gap at MM
20/10/08	70588	09:07:50 - 09:08:51	gap at KS

20/10/08	70589	10:47:26 - 10:48:29	gap at KS
20/10/08	70590	12:26:48 - 12:27:49	gap at KS
20/10/08	70591	14:05:41 - 14:06:46	gap at KS
20/10/08	70592	15:43:38 - 15:44:44	gap at KS
20/10/08	70593	17:21:29 - 17:22:36	gap at KS
20/10/08	70589	11:00:39 - 11:01:47	gap at MS
20/10/08	70590	12:40:15 - 12:41:16	gap at MS
20/10/08	70584	02:33:25 - 02:35:02	gap at BE
20/10/08	70585	04:13:16 - 04:14:20	gap at BE
20/10/08	70587	07:53:07 - 07:54:28	gap at JO
20/10/08	70588	09:34:11 - 09:35:46	gap at JO
20/10/08	70595	21:53:06 - 21:54:40	gap at JO
21/10/08	70597	00:43:42 - 00:57:48	gap at HO
21/10/08	70597	00:55:31 - 01:06:06	gap at MM
21/10/08	70597	00:06:32 - 00:11:21	gap at KS
21/10/08	70598	02:38:07 - 02:46:30	gap at MM
21/10/08	70599	04:21:12 - 04:27:26	gap at MM
21/10/08	70599	03:10:49 - 03:21:07	gap at CM
21/10/08	70599	04:49:32 - 05:00:37	gap at CM
21/10/08	70600	06:03:31 - 06:09:34	gap at MM
21/10/08	70601	07:44:35 - 07:52:39	gap at MM
21/10/08	70602	09:25:01 - 09:35:21	gap at MM
21/10/08	70603	11:05:10 - 11:17:03	gap at MM
21/10/08	70604	12:45:05 - 12:57:42	gap at MM
21/10/08	70605	14:33:55 - 14:45:36	gap at HO
21/10/08	70605	14:24:46 - 14:37:29	gap at MM
21/10/08	70606	14:58:46 - 15:11:09	gap at BE
21/10/08	70606	16:04:10 - 16:16:45	gap at MM
21/10/08	70606	16:28:26 - 16:39:39	gap at SG
21/10/08	70607	17:43:21 - 17:55:53	gap at MM
21/10/08	70608	19:22:31 - 19:35:11	gap at MM
21/10/08	70608	19:42:42 - 19:55:36	gap at JO
21/10/08	70609	21:02:01 - 21:14:44	gap at MM
21/10/08	70609	21:21:19 - 21:35:45	gap at JO
21/10/08	70610	22:34:19 - 22:46:50	gap at HO
21/10/08	70610	22:42:15 - 22:54:34	gap at MM
21/10/08	70603	10:16:09 - 10:17:10	gap at KS
21/10/08	70604	11:55:37 - 11:56:42	gap at KS
21/10/08	70605	13:34:37 - 13:35:38	gap at KS
21/10/08	70606	15:12:59 - 15:14:18	gap at KS
21/10/08	70607	16:50:36 - 16:51:46	gap at KS
21/10/08	70608	18:28:38 - 18:29:39	gap at KS
21/10/08	70603	10:30:22 - 10:31:30	gap at MS
21/10/08	70604	12:08:38 - 12:09:44	gap at MS
21/10/08	70607	17:11:08 - 17:17:52	gap at MI
21/10/08	70598	02:02:35 - 02:03:49	gap at BE
21/10/08	70598	02:13:21 - 02:14:31	gap at BE
21/10/08	70599	03:41:38 - 03:42:48	gap at BE

21/10/08	70605	14:48:28 - 14:49:39	gap at SG
21/10/08	70601	07:22:38 - 07:24:29	gap at JO
21/10/08	70602	09:01:39 - 09:05:17	gap at JO
22/10/08	70611	00:12:03 - 00:26:41	gap at HO
22/10/08	70611	00:23:28 - 00:34:37	gap at MM
22/10/08	70612	01:55:11 - 02:04:13	gap at HO
22/10/08	70612	02:05:46 - 02:14:54	gap at MM
22/10/08	70613	03:10:14 - 03:23:37	gap at BE
22/10/08	70613	03:48:49 - 03:55:37	gap at MM
22/10/08	70613	02:42:01 - 02:48:03	gap at CM
22/10/08	70613	04:17:40 - 04:29:59	gap at CM
22/10/08	70614	04:51:07 - 04:59:43	gap at BE
22/10/08	70614	05:31:31 - 05:37:19	gap at MM
22/10/08	70615	07:12:55 - 07:20:14	gap at MM
22/10/08	70616	08:53:29 - 09:03:10	gap at MM
22/10/08	70617	10:33:42 - 10:45:12	gap at MM
22/10/08	70618	12:13:42 - 12:26:11	gap at MM
22/10/08	70619	13:53:28 - 14:06:12	gap at MM
22/10/08	70620	15:32:58 - 15:45:35	gap at MM
22/10/08	70621	17:12:12 - 17:24:44	gap at MM
22/10/08	70622	18:51:20 - 19:03:57	gap at MM
22/10/08	70622	19:13:02 - 19:22:23	gap at JO
22/10/08	70623	20:30:41 - 20:43:25	gap at MM
22/10/08	70623	20:49:54 - 21:04:55	gap at JO
22/10/08	70624	22:04:35 - 22:15:08	gap at HO
22/10/08	70624	22:10:39 - 22:23:10	gap at MM
22/10/08	70625	23:41:02 - 23:55:25	gap at HO
22/10/08	70625	23:51:33 - 00:03:09	gap at MM
22/10/08	70617	09:44:50 - 09:45:52	gap at KS
22/10/08	70618	11:24:23 - 11:25:28	gap at KS
22/10/08	70619	13:03:35 - 13:04:35	gap at KS
22/10/08	70620	14:42:17 - 14:43:22	gap at KS
22/10/08	70621	16:19:57 - 16:21:02	gap at KS
22/10/08	70622	17:57:47 - 17:59:08	gap at KS
22/10/08	70618	11:37:20 - 11:38:29	gap at MS
22/10/08	70619	13:18:32 - 13:19:34	gap at MS
22/10/08	70617	09:55:07 - 10:06:06	gap at MA
22/10/08	70624	21:08:48 - 21:09:55	gap at MA
22/10/08	70620	14:26:56 - 14:28:04	gap at BE
22/10/08	70620	14:30:58 - 14:40:13	gap at BE
22/10/08	70613	03:21:15 - 03:22:55	gap at SG
22/10/08	70620	15:56:15 - 15:57:26	gap at SG
22/10/08	70615	06:52:53 - 06:54:57	gap at JO
22/10/08	70616	08:29:54 - 08:31:41	gap at JO
22/10/08	70624	22:31:28 - 22:33:13	gap at JO
23/10/08	70625	23:51:33 - 00:03:09	gap at MM
23/10/08	70626	01:21:35 - 01:34:05	gap at HO
23/10/08	70626	01:33:31 - 01:43:21	gap at MM

23/10/08	70627	02:39:03 - 02:52:17	gap at BE
23/10/08	70627	03:16:24 - 03:23:53	gap at MM
23/10/08	70627	03:46:34 - 03:58:46	gap at CM
23/10/08	70628	04:19:03 - 04:30:12	gap at BE
23/10/08	70628	04:59:22 - 05:05:12	gap at MM
23/10/08	70629	06:41:10 - 06:47:49	gap at MM
23/10/08	70629	05:35:45 - 05:49:05	gap at PS
23/10/08	70629	05:55:25 - 05:59:51	gap at KS
23/10/08	70629	05:28:48 - 05:35:21	gap at CM
23/10/08	70630	08:21:56 - 08:30:53	gap at MM
23/10/08	70630	07:58:43 - 08:13:37	gap at JO
23/10/08	70631	10:02:14 - 10:13:15	gap at MM
23/10/08	70632	11:42:18 - 11:54:33	gap at MM
23/10/08	70633	13:22:08 - 13:34:51	gap at MM
23/10/08	70634	15:11:46 - 15:20:07	gap at HO
23/10/08	70634	15:01:43 - 15:14:24	gap at MM
23/10/08	70635	15:37:19 - 15:47:07	gap at BE
23/10/08	70635	16:41:02 - 16:53:34	gap at MM
23/10/08	70636	18:20:10 - 18:32:45	gap at MM
23/10/08	70636	17:50:36 - 17:54:53	gap at MI
23/10/08	70637	19:59:25 - 20:12:08	gap at MM
23/10/08	70637	20:18:50 - 20:33:32	gap at JO
23/10/08	70638	21:39:09 - 21:51:47	gap at MM
23/10/08	70639	23:10:12 - 23:24:04	gap at HO
23/10/08	70639	23:19:43 - 23:31:42	gap at MM
23/10/08	70631	09:13:32 - 09:14:33	gap at KS
23/10/08	70632	10:53:08 - 10:54:12	gap at KS
23/10/08	70633	12:32:28 - 12:33:30	gap at KS
23/10/08	70634	14:11:20 - 14:12:28	gap at KS
23/10/08	70635	15:49:13 - 15:50:18	gap at KS
23/10/08	70636	17:27:07 - 17:28:14	gap at KS
23/10/08	70632	11:06:16 - 11:07:24	gap at MS
23/10/08	70633	12:46:07 - 12:47:09	gap at MS
23/10/08	70628	03:47:33 - 03:49:07	gap at MI
23/10/08	70634	13:55:39 - 13:56:46	gap at BE
23/10/08	70634	13:57:13 - 14:09:01	gap at BE
23/10/08	70628	04:39:36 - 04:41:41	gap at SG
23/10/08	70629	06:24:28 - 06:26:34	gap at JO
23/10/08	70631	09:40:13 - 09:41:52	gap at JO
23/10/08	70638	21:58:56 - 22:00:37	gap at JO
24/10/08	70640	00:49:31 - 01:03:24	gap at HO
24/10/08	70640	01:01:21 - 01:11:50	gap at MM
24/10/08	70640	00:12:47 - 00:16:50	gap at KS
24/10/08	70641	02:08:10 - 02:20:23	gap at BE
24/10/08	70641	02:44:00 - 02:52:14	gap at MM
24/10/08	70642	03:47:22 - 04:00:00	gap at BE
24/10/08	70642	04:27:05 - 04:33:14	gap at MM
24/10/08	70642	03:58:21 - 04:11:37	gap at SG

24/10/08	70642	03:16:14 - 03:26:58	gap at CM
24/10/08	70642	04:55:25 - 05:06:06	gap at CM
24/10/08	70643	06:09:20 - 06:15:27	gap at MM
24/10/08	70644	07:50:20 - 07:58:32	gap at MM
24/10/08	70645	09:30:44 - 09:41:11	gap at MM
24/10/08	70646	11:21:21 - 11:31:59	gap at HO
24/10/08	70646	11:10:52 - 11:22:50	gap at MM
24/10/08	70647	12:59:23 - 13:14:12	gap at HO
24/10/08	70647	12:50:47 - 13:03:25	gap at MM
24/10/08	70648	14:39:42 - 14:50:47	gap at HO
24/10/08	70648	14:30:27 - 14:43:10	gap at MM
24/10/08	70649	15:04:37 - 15:16:44	gap at BE
24/10/08	70649	16:09:51 - 16:22:25	gap at MM
24/10/08	70649	16:34:24 - 16:45:00	gap at SG
24/10/08	70650	17:49:01 - 18:01:33	gap at MM
24/10/08	70651	19:28:11 - 19:40:52	gap at MM
24/10/08	70651	19:48:13 - 20:01:30	gap at JO
24/10/08	70652	21:07:44 - 21:20:26	gap at MM
24/10/08	70652	21:27:04 - 21:41:17	gap at JO
24/10/08	70653	22:39:46 - 22:52:34	gap at HO
24/10/08	70653	22:48:00 - 23:00:16	gap at MM
24/10/08	70645	08:42:13 - 08:43:30	gap at KS
24/10/08	70646	10:21:50 - 10:22:56	gap at KS
24/10/08	70647	12:01:17 - 12:02:26	gap at KS
24/10/08	70648	13:40:16 - 13:41:23	gap at KS
24/10/08	70649	15:18:30 - 15:19:53	gap at KS
24/10/08	70650	16:56:11 - 16:57:19	gap at KS
24/10/08	70651	18:34:16 - 18:35:17	gap at KS
24/10/08	70646	10:35:51 - 10:37:01	gap at MS
24/10/08	70647	12:14:24 - 12:15:43	gap at MS
24/10/08	70652	20:06:25 - 20:07:38	gap at MA
24/10/08	70644	07:28:08 - 07:30:13	gap at JO
24/10/08	70645	09:07:30 - 09:09:17	gap at JO
25/10/08	70654	00:17:43 - 00:32:21	gap at HO
25/10/08	70654	00:29:18 - 00:40:20	gap at MM
25/10/08	70655	02:01:23 - 02:09:30	gap at HO
25/10/08	70655	02:11:39 - 02:20:39	gap at MM
25/10/08	70656	03:15:55 - 03:29:16	gap at BE
25/10/08	70656	03:54:42 - 04:01:23	gap at MM
25/10/08	70656	03:26:54 - 03:40:47	gap at SG
25/10/08	70656	02:47:04 - 02:54:14	gap at CM
25/10/08	70656	04:23:24 - 04:35:36	gap at CM
25/10/08	70657	04:57:01 - 05:04:59	gap at BE
25/10/08	70657	05:37:21 - 05:43:10	gap at MM
25/10/08	70658	07:18:41 - 07:26:08	gap at MM
25/10/08	70659	08:59:13 - 09:09:01	gap at MM
25/10/08	70660	10:39:26 - 10:51:00	gap at MM
25/10/08	70661	12:28:22 - 12:42:52	gap at HO

25/10/08	70661	12:19:25 - 12:31:55	gap at MM
25/10/08	70662	14:07:57 - 14:21:12	gap at HO
25/10/08	70662	13:59:09 - 14:11:53	gap at MM
25/10/08	70662	14:23:59 - 14:34:58	gap at SG
25/10/08	70663	14:32:41 - 14:45:52	gap at BE
25/10/08	70663	15:38:38 - 15:51:15	gap at MM
25/10/08	70663	16:02:02 - 16:15:05	gap at SG
25/10/08	70663	15:10:31 - 15:17:36	gap at CM
25/10/08	70664	17:17:52 - 17:30:23	gap at MM
25/10/08	70664	16:47:23 - 16:59:31	gap at CM
25/10/08	70665	18:57:00 - 19:09:38	gap at MM
25/10/08	70665	19:18:19 - 19:28:33	gap at JO
25/10/08	70666	20:36:23 - 20:49:07	gap at MM
25/10/08	70666	20:55:35 - 21:10:34	gap at JO
25/10/08	70667	22:09:58 - 22:20:56	gap at HO
25/10/08	70667	22:16:23 - 22:28:52	gap at MM
25/10/08	70668	23:46:41 - 00:01:06	gap at HO
25/10/08	70668	23:57:20 - 00:08:52	gap at MM
25/10/08	70660	09:50:32 - 09:51:33	gap at KS
25/10/08	70661	11:30:04 - 11:31:10	gap at KS
25/10/08	70663	14:47:54 - 14:48:59	gap at KS
25/10/08	70664	16:25:34 - 16:26:40	gap at KS
25/10/08	70665	18:03:21 - 18:04:40	gap at KS
25/10/08	70660	10:06:04 - 10:07:44	gap at MS
25/10/08	70661	11:43:00 - 11:44:19	gap at MS
25/10/08	70662	13:24:37 - 13:25:43	gap at MS
25/10/08	70667	21:14:32 - 21:15:46	gap at MA
25/10/08	70663	15:06:39 - 15:17:36	gap at MI
25/10/08	70658	06:58:14 - 06:59:45	gap at JO
25/10/08	70659	08:35:37 - 08:37:22	gap at JO
25/10/08	70667	22:37:32 - 22:42:30	gap at JO
26/10/08	70668	23:46:41 - 00:01:06	gap at HO
26/10/08	70668	23:57:20 - 00:08:52	gap at MM
26/10/08	70669	01:27:36 - 01:39:37	gap at HO
26/10/08	70669	01:39:22 - 01:49:05	gap at MM
26/10/08	70670	02:44:42 - 02:58:01	gap at BE
26/10/08	70670	03:22:17 - 03:29:39	gap at MM
26/10/08	70670	03:52:10 - 04:04:29	gap at CM
26/10/08	70671	04:24:50 - 04:35:38	gap at BE
26/10/08	70671	05:05:13 - 05:11:01	gap at MM
26/10/08	70672	06:46:57 - 06:53:43	gap at MM
26/10/08	70672	06:00:56 - 06:06:04	gap at KS
26/10/08	70672	05:35:14 - 05:40:19	gap at CM
26/10/08	70673	08:27:40 - 08:36:46	gap at MM
26/10/08	70674	10:07:58 - 10:19:04	gap at MM
26/10/08	70675	11:57:24 - 12:10:38	gap at HO
26/10/08	70675	11:48:01 - 12:00:19	gap at MM
26/10/08	70676	13:36:22 - 13:50:57	gap at HO

26/10/08	70676	13:27:50 - 13:40:33	gap at MM
26/10/08	70677	14:01:18 - 14:14:42	gap at BE
26/10/08	70677	15:17:38 - 15:25:29	gap at HO
26/10/08	70677	15:07:24 - 15:20:04	gap at MM
26/10/08	70678	15:43:23 - 15:52:33	gap at BE
26/10/08	70678	16:46:42 - 16:59:14	gap at MM
26/10/08	70678	16:16:07 - 16:28:28	gap at CM
26/10/08	70679	18:25:50 - 18:38:25	gap at MM
26/10/08	70679	17:57:47 - 17:58:53	gap at MI
26/10/08	70679	17:58:21 - 18:03:46	gap at CM
26/10/08	70680	20:05:06 - 20:17:49	gap at MM
26/10/08	70680	20:24:28 - 20:39:17	gap at JO
26/10/08	70681	21:44:52 - 21:57:29	gap at MM
26/10/08	70681	22:04:47 - 22:16:43	gap at JO
26/10/08	70682	23:15:43 - 23:29:47	gap at HO
26/10/08	70682	23:25:30 - 23:37:25	gap at MM
26/10/08	70675	10:58:49 - 10:59:51	gap at KS
26/10/08	70677	14:16:58 - 14:18:03	gap at KS
26/10/08	70678	15:54:48 - 15:55:50	gap at KS
26/10/08	70679	17:32:42 - 17:33:48	gap at KS
26/10/08	70675	11:11:53 - 11:12:57	gap at MS
26/10/08	70676	12:51:59 - 12:53:31	gap at MS
26/10/08	70671	03:53:18 - 03:54:53	gap at MI
26/10/08	70670	02:56:04 - 02:58:06	gap at SG
26/10/08	70677	15:30:28 - 15:31:30	gap at SG
26/10/08	70672	06:29:27 - 06:31:12	gap at JO
26/10/08	70673	08:04:21 - 08:06:08	gap at JO
26/10/08	70674	09:46:18 - 09:47:57	gap at JO
27/10/08	70683	00:55:21 - 01:09:00	gap at HO
27/10/08	70683	01:07:11 - 01:17:33	gap at MM
27/10/08	70683	00:19:08 - 00:22:13	gap at KS
27/10/08	70684	02:13:45 - 02:26:14	gap at BE
27/10/08	70684	02:49:53 - 02:57:59	gap at MM
27/10/08	70685	04:32:58 - 04:39:02	gap at MM
27/10/08	70685	03:21:41 - 03:32:48	gap at CM
27/10/08	70685	05:01:21 - 05:11:32	gap at CM
27/10/08	70686	06:15:08 - 06:21:20	gap at MM
27/10/08	70687	07:56:05 - 08:04:25	gap at MM
27/10/08	70688	09:36:28 - 09:47:02	gap at MM
27/10/08	70688	09:13:23 - 09:26:43	gap at JO
27/10/08	70689	11:26:47 - 11:38:07	gap at HO
27/10/08	70689	11:16:35 - 11:28:37	gap at MM
27/10/08	70690	13:05:03 - 13:19:53	gap at HO
27/10/08	70690	12:56:29 - 13:09:09	gap at MM
27/10/08	70691	14:45:30 - 14:55:43	gap at HO
27/10/08	70691	14:36:08 - 14:48:51	gap at MM
27/10/08	70692	15:10:30 - 15:22:18	gap at BE
27/10/08	70692	16:15:31 - 16:28:05	gap at MM

27/10/08	70692	16:40:25 - 16:50:18	gap at SG
27/10/08	70693	17:54:41 - 18:07:14	gap at MM
27/10/08	70694	19:33:52 - 19:46:33	gap at MM
27/10/08	70694	19:53:44 - 20:07:23	gap at JO
27/10/08	70695	21:13:26 - 21:26:08	gap at MM
27/10/08	70696	22:45:17 - 22:58:18	gap at HO
27/10/08	70696	22:53:46 - 23:05:59	gap at MM
27/10/08	70689	10:27:32 - 10:28:33	gap at KS
27/10/08	70690	12:06:58 - 12:07:59	gap at KS
27/10/08	70691	13:45:54 - 13:46:58	gap at KS
27/10/08	70692	15:24:04 - 15:25:26	gap at KS
27/10/08	70693	17:01:47 - 17:02:52	gap at KS
27/10/08	70689	10:41:22 - 10:42:27	gap at MS
27/10/08	70690	12:20:09 - 12:21:18	gap at MS
27/10/08	70697	23:29:13 - 23:30:27	gap at MS
27/10/08	70685	03:53:06 - 03:54:09	gap at BE
27/10/08	70684	02:30:21 - 02:37:04	gap at SG
27/10/08	70687	07:33:39 - 07:36:12	gap at JO
27/10/08	70695	21:32:49 - 21:34:14	gap at JO
28/10/08	70697	00:23:24 - 00:38:02	gap at HO
28/10/08	70697	00:35:07 - 00:46:04	gap at MM
28/10/08	70698	01:43:12 - 01:53:46	gap at BE
28/10/08	70698	02:07:51 - 02:13:39	gap at HO
28/10/08	70698	02:17:31 - 02:26:23	gap at MM
28/10/08	70699	04:00:36 - 04:07:10	gap at MM
28/10/08	70699	02:52:14 - 03:00:18	gap at CM
28/10/08	70699	04:29:10 - 04:41:12	gap at CM
28/10/08	70700	05:43:11 - 05:49:02	gap at MM
28/10/08	70701	07:24:26 - 07:32:02	gap at MM
28/10/08	70702	09:04:57 - 09:14:53	gap at MM
28/10/08	70703	10:45:09 - 10:56:48	gap at MM
28/10/08	70704	12:25:07 - 12:37:39	gap at MM
28/10/08	70705	14:13:43 - 14:26:38	gap at HO
28/10/08	70705	14:04:51 - 14:17:35	gap at MM
28/10/08	70706	15:44:19 - 15:56:55	gap at MM
28/10/08	70707	17:23:32 - 17:36:03	gap at MM
28/10/08	70708	19:02:40 - 19:15:18	gap at MM
28/10/08	70708	19:23:40 - 19:34:38	gap at JO
28/10/08	70709	20:42:04 - 20:54:48	gap at MM
28/10/08	70709	21:01:17 - 21:16:12	gap at JO
28/10/08	70710	22:15:19 - 22:26:43	gap at HO
28/10/08	70710	22:22:08 - 22:34:35	gap at MM
28/10/08	70711	23:52:19 - 00:06:48	gap at HO
28/10/08	70703	09:56:14 - 09:57:14	gap at KS
28/10/08	70704	11:35:45 - 11:36:49	gap at KS
28/10/08	70705	13:14:53 - 13:15:53	gap at KS
28/10/08	70706	14:53:31 - 14:54:36	gap at KS
28/10/08	70707	16:31:09 - 16:32:14	gap at KS



28/10/08	70708	18:08:58 - 18:10:10	gap at KS
28/10/08	70703	10:11:18 - 10:12:23	gap at MS
28/10/08	70704	11:48:38 - 11:49:45	gap at MS
28/10/08	70710	21:20:18 - 21:21:27	gap at MA
28/10/08	70699	03:21:37 - 03:22:43	gap at BE
28/10/08	70706	14:38:27 - 14:39:36	gap at BE
28/10/08	70706	14:42:49 - 14:51:30	gap at BE
28/10/08	70705	14:29:21 - 14:30:41	gap at SG
28/10/08	70706	16:07:51 - 16:09:24	gap at SG
28/10/08	70701	07:03:36 - 07:05:07	gap at JO
28/10/08	70702	08:41:22 - 08:42:50	gap at JO
28/10/08	70710	22:43:41 - 22:45:37	gap at JO
29/10/08	70711	23:52:19 - 00:06:48	gap at HO
29/10/08	70711	00:03:09 - 00:14:35	gap at MM
29/10/08	70712	01:33:31 - 01:45:08	gap at HO
29/10/08	70712	01:45:14 - 01:54:49	gap at MM
29/10/08	70713	02:50:22 - 03:03:44	gap at BE
29/10/08	70713	03:28:11 - 03:35:25	gap at MM
29/10/08	70713	03:57:48 - 04:10:11	gap at CM
29/10/08	70714	04:30:39 - 04:41:02	gap at BE
29/10/08	70714	05:11:05 - 05:16:52	gap at MM
29/10/08	70714	03:59:05 - 04:11:57	gap at MI
29/10/08	70715	06:52:44 - 06:59:37	gap at MM
29/10/08	70715	05:47:23 - 06:00:22	gap at PS
29/10/08	70715	06:06:28 - 06:12:13	gap at KS
29/10/08	70715	05:42:08 - 05:44:49	gap at CM
29/10/08	70716	08:33:24 - 08:42:38	gap at MM
29/10/08	70717	10:13:41 - 10:24:53	gap at MM
29/10/08	70718	12:03:02 - 12:16:30	gap at HO
29/10/08	70718	11:53:43 - 12:06:04	gap at MM
29/10/08	70719	13:42:05 - 13:56:32	gap at HO
29/10/08	70719	13:33:32 - 13:46:15	gap at MM
29/10/08	70720	14:06:58 - 14:20:23	gap at BE
29/10/08	70720	15:23:29 - 15:30:49	gap at HO
29/10/08	70720	15:13:05 - 15:25:44	gap at MM
29/10/08	70720	15:36:10 - 15:49:59	gap at SG
29/10/08	70721	15:49:31 - 15:57:56	gap at BE
29/10/08	70721	16:52:22 - 17:04:54	gap at MM
29/10/08	70722	18:31:30 - 18:44:05	gap at MM
29/10/08	70722	18:04:52 - 18:08:28	gap at CM
29/10/08	70723	20:10:47 - 20:23:30	gap at MM
29/10/08	70723	19:31:35 - 19:44:07	gap at PS
29/10/08	70723	20:30:06 - 20:45:01	gap at JO
29/10/08	70724	21:46:15 - 21:54:40	gap at HO
29/10/08	70724	21:50:36 - 22:03:12	gap at MM
29/10/08	70724	21:12:03 - 21:19:06	gap at PS
29/10/08	70725	23:21:18 - 23:35:29	gap at HO
29/10/08	70725	23:31:17 - 23:43:08	gap at MM

29/10/08	70717	09:24:55 - 09:25:56	gap at KS
29/10/08	70718	11:04:30 - 11:05:33	gap at KS
29/10/08	70719	12:43:47 - 12:44:48	gap at KS
29/10/08	70720	14:22:36 - 14:23:41	gap at KS
29/10/08	70721	16:00:23 - 16:01:27	gap at KS
29/10/08	70722	17:38:18 - 17:39:23	gap at KS
29/10/08	70718	11:17:31 - 11:18:39	gap at MS
29/10/08	70719	12:57:51 - 12:58:53	gap at MS
29/10/08	70713	03:01:37 - 03:02:48	gap at SG
29/10/08	70713	03:13:10 - 03:15:05	gap at SG
29/10/08	70719	14:03:25 - 14:07:31	gap at SG
29/10/08	70715	06:34:33 - 06:37:56	gap at JO
29/10/08	70716	08:10:00 - 08:11:42	gap at JO
29/10/08	70717	09:52:27 - 09:54:11	gap at JO
29/10/08	70724	22:10:39 - 22:16:32	gap at JO
30/10/08	70726	01:01:10 - 01:14:35	gap at HO
30/10/08	70726	01:13:02 - 01:23:17	gap at MM
30/10/08	70727	02:55:46 - 03:03:45	gap at MM
30/10/08	70728	03:58:51 - 04:11:03	gap at BE
30/10/08	70728	04:38:50 - 04:44:50	gap at MM
30/10/08	70728	03:27:10 - 03:38:37	gap at CM
30/10/08	70728	05:07:20 - 05:16:57	gap at CM
30/10/08	70729	06:20:55 - 06:27:13	gap at MM
30/10/08	70730	08:01:49 - 08:10:18	gap at MM
30/10/08	70731	09:42:12 - 09:52:52	gap at MM
30/10/08	70732	11:22:18 - 11:34:23	gap at MM
30/10/08	70733	13:02:11 - 13:14:52	gap at MM
30/10/08	70734	14:51:19 - 15:01:02	gap at HO
30/10/08	70734	14:41:50 - 14:54:32	gap at MM
30/10/08	70735	15:16:24 - 15:27:51	gap at BE
30/10/08	70735	16:21:11 - 16:33:45	gap at MM
30/10/08	70736	18:00:21 - 18:12:54	gap at MM
30/10/08	70736	17:28:57 - 17:37:24	gap at MI
30/10/08	70737	19:39:32 - 19:52:14	gap at MM
30/10/08	70737	19:59:17 - 20:13:14	gap at JO
30/10/08	70738	21:19:09 - 21:31:50	gap at MM
30/10/08	70739	22:50:51 - 23:04:01	gap at HO
30/10/08	70739	22:59:32 - 23:11:42	gap at MM
30/10/08	70732	10:33:13 - 10:34:16	gap at KS
30/10/08	70733	12:12:38 - 12:13:40	gap at KS
30/10/08	70734	13:51:32 - 13:52:38	gap at KS
30/10/08	70735	15:29:40 - 15:30:55	gap at KS
30/10/08	70736	17:07:22 - 17:08:26	gap at KS
30/10/08	70732	10:46:51 - 10:47:58	gap at MS
30/10/08	70733	12:25:52 - 12:27:01	gap at MS
30/10/08	70728	03:27:35 - 03:30:03	gap at MI
30/10/08	70727	02:19:21 - 02:20:32	gap at BE
30/10/08	70727	02:31:24 - 02:36:53	gap at SG

30/10/08	70728	04:09:58 - 04:14:09	gap at SG
30/10/08	70735	16:46:30 - 16:47:30	gap at SG
30/10/08	70730	07:39:11 - 07:40:36	gap at JO
30/10/08	70731	09:19:17 - 09:20:45	gap at JO
30/10/08	70738	21:38:36 - 21:40:00	gap at JO
31/10/08	70740	00:29:05 - 00:43:42	gap at HO
31/10/08	70740	00:40:56 - 00:51:47	gap at MM
31/10/08	70741	01:48:43 - 01:59:44	gap at BE
31/10/08	70741	02:23:24 - 02:32:08	gap at MM
31/10/08	70742	04:06:29 - 04:12:57	gap at MM
31/10/08	70742	02:57:28 - 03:06:19	gap at CM
31/10/08	70742	04:34:57 - 04:46:47	gap at CM
31/10/08	70743	05:49:00 - 05:54:54	gap at MM
31/10/08	70744	07:30:12 - 07:37:55	gap at MM
31/10/08	70745	09:10:41 - 09:20:44	gap at MM
31/10/08	70746	10:50:52 - 11:02:36	gap at MM
31/10/08	70747	12:30:49 - 12:43:23	gap at MM
31/10/08	70748	14:19:29 - 14:32:10	gap at HO
31/10/08	70748	14:10:32 - 14:23:16	gap at MM
31/10/08	70749	14:44:14 - 14:57:07	gap at BE
31/10/08	70749	15:49:59 - 16:02:35	gap at MM
31/10/08	70750	17:29:12 - 17:41:43	gap at MM
31/10/08	70751	19:08:20 - 19:20:59	gap at MM
31/10/08	70751	19:29:04 - 19:40:41	gap at JO
31/10/08	70752	20:47:46 - 21:00:30	gap at MM
31/10/08	70752	21:07:00 - 21:21:48	gap at JO
31/10/08	70753	22:20:43 - 22:32:30	gap at HO
31/10/08	70753	22:27:52 - 22:40:17	gap at MM
31/10/08	70754	23:57:58 - 00:12:29	gap at HO
31/10/08	70746	10:01:55 - 10:02:56	gap at KS
31/10/08	70747	11:41:26 - 11:42:31	gap at KS
31/10/08	70748	13:20:31 - 13:21:31	gap at KS
31/10/08	70749	14:59:05 - 15:00:13	gap at KS
31/10/08	70750	16:36:42 - 16:37:49	gap at KS
31/10/08	70751	18:14:35 - 18:15:50	gap at KS
31/10/08	70746	10:16:43 - 10:17:51	gap at MS
31/10/08	70747	11:54:16 - 11:55:26	gap at MS
31/10/08	70753	21:26:04 - 21:27:12	gap at MA
31/10/08	70742	03:27:20 - 03:28:26	gap at BE
31/10/08	70741	02:02:34 - 02:03:42	gap at SG
31/10/08	70741	02:05:20 - 02:09:37	gap at SG
31/10/08	70742	03:38:16 - 03:39:19	gap at SG
31/10/08	70748	14:34:46 - 14:36:47	gap at SG
31/10/08	70749	16:13:41 - 16:14:52	gap at SG
31/10/08	70744	07:09:01 - 07:10:32	gap at JO
31/10/08	70745	08:47:08 - 08:48:54	gap at JO

Lamp Failures: none

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
15/10/08	before 15:38:08 (outside gs visibility) off 20:16:27 on	FPA 1: 273.1 FPA 2: 274.0 FPA 3: 273.7 FPA 4: 274.0

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/10/08	70364 -70377	~17:00 (04/10/08) - ~15:00 (05/10/08)	Narrow Swath Timeline GMNNOT41 executed
14-15/10/08	70506 - 70521	~15:00 (14/10/08) - ~15:30 (15/10/08)	Narrow Swath Timeline GMNNOT41 executed
24-25/10/08	70648 - 70662	~13:00 (24/10/08) - ~12:30 (25/10/08)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
01-31/10/08			GOME South Polar View Operations (not visible in the period 17-31 Oct due to missing data)
04/10/08	70360	09:29:46	Corrupted products at MA anomalous values for most parameters
12/10/08	70477	15:14:52	Corrupted products at MI anomalous values for most parameters
16/10/08	70477	15:14:52	Corrupted products at SG anomalous values for most parameters
19/10/08	70581	22:27:47	Corrupted products at JO anomalous values for most parameters
21/10/08	70602	08:45:16	Corrupted products at MA anomalous values for most parameters
24/10/08	70649	15:51:16	Corrupted products at MI anomalous values for most parameters
26/10/08	70677	14:02:22	Corrupted products at SG anomalous values for most parameters

28/10/08	70706	Start at 15:03:47 stop at 15:13:42	Calibration lamp instabilities: some values at ca 177 V (nominal would be 198 V)
28/10/08	70707	Start at 16:13:19 stop after 16:22:17 (no visibility gs)	Calibration lamp instabilities: some values at ca 181 V (nominal would be 198 V)
28/10/08	70707	Start at 16:44:23 stop at 16:54:19	Calibration lamp instabilities: some values at ca 181 V (nominal would be 198 V)
28/10/08	70708	Start before 18:10:10 (no visibility gs) stop 18:12:40	Calibration lamp instabilities: some values at ca 182 V (nominal would be 198 V)
28/10/08	70709	Start at 19:48:35 stop at 19:53:18	GOOD Lamp cal measurements, no instability
28/10/08	70709	Start at 20:05:35 stop after 20:15:05 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/10/08	70710	Start before 21:21:27 (no visibility gs) stop at 21:33:57	GOOD Lamp cal measurements, no instability
28/10/08	70711	Start before 22:58:14 (no visibility gs) stop 23:14:26	Calibration lamp instabilities: some values at ca 182 V (nominal would be 198 V)
29/10/08	70719	14:01:10	Corrupted products at SG anomalous values for most parameters
30/10/08	70726	00:07:49	Corrupted products at MS anomalous values for most parameters