

GOME Operations for April 2010

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

GOME Operations during April 2010

Date	Operations	remark
01/04/10	data available within visibility of groundstation	start of sun calibration: 17:34:46.961
02/04/10	data available within visibility of groundstation	start of sun calibration: 17:03:01.579
03/04/10	data available within visibility of groundstation	start of sun calibration: 19:52:29.422
04/04/10	data available within visibility of groundstation	start of sun calibration:
05/04/10	data available within visibility of groundstation	start of sun calibration: 18:49:00.323
06/04/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
07/04/10	data available within visibility of groundstation	No solar calibration available due to incorrect removal of timeline execution
08/04/10	data available within visibility of groundstation	start of sun calibration: 17:13:50.212
09/04/10	data available within visibility of groundstation	start of sun calibration: 20:03:18.077
10/04/10	data available within visibility of groundstation	start of sun calibration: 19:31:32.694
11/04/10	data available within visibility of groundstation	start of sun calibration: 18:59:47.316
12/04/10	data available within visibility of groundstation	start of sun calibration: 18:28:01.948
13/04/10	data available within visibility of groundstation SEU	no solar calibration available due to GOME anomaly
14/04/10	data available within visibility of groundstation SEU	start of sun calibration: 17:24:33.937
15/04/10	data available within visibility of groundstation	start of sun calibration: 16:52:54.833
16/04/10	data available within visibility of groundstation	start of sun calibration: 19:42:22.726
17/04/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
18/04/10	data available within visibility of groundstation	start of sun calibration: 18:38:51.940
19/04/10	data available within visibility of groundstation	start of sun calibration: 18:07:12.541
20/04/10	data available within visibility of groundstation	start of sun calibration: 17:35:27.138
21/04/10	data available within visibility of groundstation SEU	start of sun calibration: 17:03:45.145
22/04/10	data available within visibility of groundstation	start of sun calibration: 19:53:12.991

23/04/10	data available within visibility of groundstation SEU	start of sun calibration: 19:21:27.091
24/04/10	data available within visibility of groundstation	start of sun calibration: 18:49:43.083
25/04/10	data available within visibility of groundstation	start of sun calibration: 18:18:03.674
26/04/10	data available within visibility of groundstation	start of sun calibration: 17:46:18.322
27/04/10	data available within visibility of groundstation	start of sun calibration: 17:14:38.931
28/04/10	quarterly calibration during Orbits 78539- 78541 two orbits in Nadir Static View 78537-78538 data available within visibility of groundstation	start of sun calibration: 20:04:06.768
29/04/10	quarterly calibration during Orbits 78542 - 78545 data available within visibility of groundstation	no solar calibration available due to missing data
30/04/10	data available within visibility of groundstation	start of sun calibration: 19:00:42

Anomalies:

single event upsets (SEU):

Date	Reason
13-14/04/10	GOME anomaly occurred from 13-Apr-2010 at ca 18:00 UTC, orbit 78323, to 14-Apr-2010 ca 17:00 UTC, orbit 78337 - Error on solar shutter The anomaly was solved with the Power Cycle executed in concomitance with GOME Narrow Swath operations
21/04/10	A GOME anomaly occurred at ca 15:00 UTC, orbit 78435, - anomalous high values FPA temp. Ch1 Ch2 Ch3 Ch4 The anomaly was cured with a power cycle at 16:28:32 UTC, orbit 78437; instrument back to normal starting from 16:39:27 (outside gs visibility)
23/04/10	GOME anomaly occurred after ca 13:00, orbit 78463, cured with a power cycle at 13:44:30, orbit 78463

list of datagaps:

Date	Orbit No.	duration	reason
01/04/10	78140	23:51:33 - 00:03:09	gap at MM
01/04/10	78141	01:21:35 - 01:34:05	gap at HO
01/04/10	78141	01:33:31 - 01:43:21	gap at MM
01/04/10	78142	03:16:24 - 03:23:53	gap at MM
01/04/10	78142	03:46:34 - 03:58:46	gap at CM

01/04/10	78143	04:59:22 - 05:05:12	gap at MM
01/04/10	78143	04:30:32 - 04:41:41	gap at SG
01/04/10	78144	06:41:10 - 06:47:49	gap at MM
01/04/10	78144	05:55:25 - 05:59:51	gap at KS
01/04/10	78144	05:28:48 - 05:35:21	gap at CM
01/04/10	78144	06:24:28 - 06:31:10	gap at JO
01/04/10	78145	08:21:56 - 08:30:53	gap at MM
01/04/10	78145	07:33:58 - 07:45:13	gap at KS
01/04/10	78145	07:58:43 - 08:13:37	gap at JO
01/04/10	78146	10:02:14 - 10:13:15	gap at MM
01/04/10	78146	09:13:32 - 09:27:11	gap at KS
01/04/10	78146	09:40:13 - 09:51:17	gap at JO
01/04/10	78147	11:42:18 - 11:54:33	gap at MM
01/04/10	78147	10:53:08 - 11:07:01	gap at KS
01/04/10	78148	13:22:08 - 13:34:51	gap at MM
01/04/10	78149	13:55:39 - 14:09:01	gap at BE
01/04/10	78149	15:11:46 - 15:20:07	gap at HO
01/04/10	78149	15:01:43 - 15:14:24	gap at MM
01/04/10	78149	14:23:23 - 14:33:54	gap at GS
01/04/10	78149	15:24:48 - 15:38:41	gap at SG
01/04/10	78150	15:37:19 - 15:47:07	gap at BE
01/04/10	78150	16:41:02 - 16:53:34	gap at MM
01/04/10	78150	16:01:44 - 16:15:39	gap at GS
01/04/10	78150	16:10:29 - 16:22:45	gap at CM
01/04/10	78151	18:20:10 - 18:32:45	gap at MM
01/04/10	78151	17:42:00 - 17:52:38	gap at GS
01/04/10	78151	17:52:06 - 17:58:48	gap at CM
01/04/10	78152	19:59:25 - 20:12:08	gap at MM
01/04/10	78152	19:03:23 - 19:08:50	gap at MA
01/04/10	78152	20:18:50 - 20:33:32	gap at JO
01/04/10	78153	21:39:09 - 21:51:47	gap at MM
01/04/10	78153	20:37:14 - 20:50:54	gap at MA
01/04/10	78153	21:58:56 - 22:11:21	gap at JO
01/04/10	78154	23:10:12 - 23:24:04	gap at HO
01/04/10	78154	23:19:43 - 23:31:42	gap at MM
01/04/10	78148	12:32:28 - 12:40:42	gap at KS
01/04/10	78149	14:11:20 - 14:13:14	gap at KS
01/04/10	78150	15:49:13 - 15:51:05	gap at KS
01/04/10	78151	17:27:07 - 17:29:00	gap at KS
01/04/10	78152	19:05:19 - 19:06:50	gap at KS
01/04/10	78153	20:45:13 - 20:46:30	gap at KS
01/04/10	78154	22:27:14 - 22:28:32	gap at KS
01/04/10	78143	03:53:12 - 03:54:37	gap at GS
01/04/10	78141	00:27:59 - 00:29:18	gap at MS
01/04/10	78147	11:06:16 - 11:08:11	gap at MS
01/04/10	78148	12:46:07 - 12:47:57	gap at MS
01/04/10	78154	22:16:13 - 22:17:29	gap at MS
01/04/10	78155	23:55:18 - 23:56:50	gap at MS

01/04/10	78146	09:21:42 - 09:23:10	gap at MA
01/04/10	78142	02:10:33 - 02:12:09	gap at MI
01/04/10	78143	03:47:33 - 03:49:58	gap at MI
01/04/10	78149	14:31:02 - 14:32:32	gap at MI
01/04/10	78150	16:07:36 - 16:09:13	gap at MI
01/04/10	78151	17:50:36 - 17:51:59	gap at MI
01/04/10	78142	02:39:03 - 02:41:02	gap at BE
01/04/10	78143	04:19:03 - 04:20:58	gap at BE
01/04/10	78142	02:50:32 - 02:52:19	gap at SG
02/04/10	78155	00:49:31 - 01:03:24	gap at HO
02/04/10	78155	01:01:21 - 01:11:50	gap at MM
02/04/10	78155	00:12:47 - 00:16:50	gap at KS
02/04/10	78156	02:44:00 - 02:52:14	gap at MM
02/04/10	78156	02:20:41 - 02:31:06	gap at SG
02/04/10	78157	04:27:05 - 04:33:14	gap at MM
02/04/10	78157	03:58:21 - 04:11:37	gap at SG
02/04/10	78157	03:16:14 - 03:26:58	gap at CM
02/04/10	78157	04:55:25 - 05:06:06	gap at CM
02/04/10	78158	06:09:20 - 06:15:27	gap at MM
02/04/10	78159	07:50:20 - 07:58:32	gap at MM
02/04/10	78159	07:28:08 - 07:42:04	gap at JO
02/04/10	78160	09:30:44 - 09:41:11	gap at MM
02/04/10	78160	09:07:30 - 09:21:11	gap at JO
02/04/10	78161	11:21:21 - 11:31:59	gap at HO
02/04/10	78161	11:10:52 - 11:22:50	gap at MM
02/04/10	78162	12:59:23 - 13:14:12	gap at HO
02/04/10	78162	12:50:47 - 13:03:25	gap at MM
02/04/10	78163	14:39:42 - 14:50:47	gap at HO
02/04/10	78163	14:30:27 - 14:43:10	gap at MM
02/04/10	78163	14:53:59 - 15:07:12	gap at SG
02/04/10	78164	15:04:37 - 15:16:44	gap at BE
02/04/10	78164	16:09:51 - 16:22:25	gap at MM
02/04/10	78164	15:30:33 - 15:44:16	gap at GS
02/04/10	78164	16:34:24 - 16:45:00	gap at SG
02/04/10	78164	15:39:57 - 15:50:48	gap at CM
02/04/10	78165	17:49:01 - 18:01:33	gap at MM
02/04/10	78165	17:10:18 - 17:22:39	gap at GS
02/04/10	78165	17:19:14 - 17:29:47	gap at CM
02/04/10	78166	19:28:11 - 19:40:52	gap at MM
02/04/10	78166	19:48:13 - 20:01:30	gap at JO
02/04/10	78167	21:07:44 - 21:20:26	gap at MM
02/04/10	78167	21:27:04 - 21:41:17	gap at JO
02/04/10	78168	22:39:46 - 22:52:34	gap at HO
02/04/10	78168	22:48:00 - 23:00:16	gap at MM
02/04/10	78168	21:47:01 - 21:58:48	gap at MA
02/04/10	78159	07:02:46 - 07:04:00	gap at KS
02/04/10	78160	08:42:13 - 08:44:00	gap at KS
02/04/10	78161	10:21:50 - 10:23:39	gap at KS

02/04/10	78162	12:01:17 - 12:03:08	gap at KS
02/04/10	78163	13:40:16 - 13:42:06	gap at KS
02/04/10	78164	15:18:30 - 15:20:41	gap at KS
02/04/10	78165	16:56:11 - 16:58:07	gap at KS
02/04/10	78166	18:34:16 - 18:36:05	gap at KS
02/04/10	78167	20:13:37 - 20:15:01	gap at KS
02/04/10	78168	21:54:54 - 21:56:12	gap at KS
02/04/10	78169	23:38:58 - 23:40:04	gap at KS
02/04/10	78156	01:42:50 - 01:44:12	gap at GS
02/04/10	78157	03:21:18 - 03:22:28	gap at GS
02/04/10	78155	23:55:18 - 23:56:50	gap at MS
02/04/10	78161	10:35:51 - 10:37:47	gap at MS
02/04/10	78162	12:14:24 - 12:16:17	gap at MS
02/04/10	78169	23:23:29 - 23:25:02	gap at MS
02/04/10	78161	10:29:51 - 10:31:05	gap at MA
02/04/10	78167	20:06:25 - 20:08:20	gap at MA
02/04/10	78156	01:43:03 - 01:44:07	gap at MI
02/04/10	78164	15:36:31 - 15:38:13	gap at MI
02/04/10	78165	17:17:02 - 17:21:12	gap at MI
02/04/10	78156	02:08:10 - 02:10:14	gap at BE
02/04/10	78157	03:47:22 - 03:49:17	gap at BE
03/04/10	78169	00:17:43 - 00:32:21	gap at HO
03/04/10	78169	00:29:18 - 00:40:20	gap at MM
03/04/10	78170	02:01:23 - 02:09:30	gap at HO
03/04/10	78171	03:54:42 - 04:01:23	gap at MM
03/04/10	78171	03:26:54 - 03:40:47	gap at SG
03/04/10	78171	02:47:04 - 02:54:14	gap at CM
03/04/10	78171	04:23:24 - 04:35:36	gap at CM
03/04/10	78172	04:57:01 - 05:04:59	gap at BE
03/04/10	78172	05:37:21 - 05:43:10	gap at MM
03/04/10	78173	07:18:41 - 07:26:08	gap at MM
03/04/10	78173	06:58:14 - 07:10:06	gap at JO
03/04/10	78174	08:59:13 - 09:09:01	gap at MM
03/04/10	78174	08:35:37 - 08:50:27	gap at JO
03/04/10	78176	12:28:22 - 12:42:52	gap at HO
03/04/10	78176	11:40:00 - 11:46:53	gap at MA
03/04/10	78177	14:07:57 - 14:21:12	gap at HO
03/04/10	78177	13:59:09 - 14:11:53	gap at MM
03/04/10	78177	14:23:59 - 14:34:58	gap at SG
03/04/10	78178	14:32:41 - 14:45:52	gap at BE
03/04/10	78178	15:38:38 - 15:51:15	gap at MM
03/04/10	78178	14:59:34 - 15:12:23	gap at GS
03/04/10	78178	16:02:02 - 16:15:05	gap at SG
03/04/10	78178	15:10:31 - 15:17:36	gap at CM
03/04/10	78179	16:38:47 - 16:52:12	gap at GS
03/04/10	78179	16:47:23 - 16:59:31	gap at CM
03/04/10	78180	18:57:00 - 19:09:38	gap at MM
03/04/10	78180	18:19:53 - 18:27:14	gap at GS

03/04/10	78180	19:18:19 - 19:28:33	gap at JO
03/04/10	78181	19:36:04 - 19:48:01	gap at MA
03/04/10	78181	20:55:35 - 21:10:34	gap at JO
03/04/10	78182	22:09:58 - 22:20:56	gap at HO
03/04/10	78182	22:37:32 - 22:45:33	gap at JO
03/04/10	78183	23:46:41 - 00:01:06	gap at HO
03/04/10	78173	06:31:41 - 06:32:44	gap at KS
03/04/10	78174	08:10:55 - 08:12:40	gap at KS
03/04/10	78175	09:50:32 - 09:52:19	gap at KS
03/04/10	78176	11:30:04 - 11:31:56	gap at KS
03/04/10	78177	13:09:14 - 13:11:01	gap at KS
03/04/10	78178	14:47:54 - 14:49:45	gap at KS
03/04/10	78179	16:25:34 - 16:27:26	gap at KS
03/04/10	78180	18:03:21 - 18:05:28	gap at KS
03/04/10	78181	19:42:13 - 19:43:38	gap at KS
03/04/10	78182	21:22:49 - 21:24:08	gap at KS
03/04/10	78183	23:05:52 - 23:06:56	gap at KS
03/04/10	78170	01:12:49 - 01:14:10	gap at GS
03/04/10	78172	04:31:44 - 04:32:58	gap at GS
03/04/10	78175	10:06:04 - 10:07:43	gap at MS
03/04/10	78176	11:43:00 - 11:44:56	gap at MS
03/04/10	78177	13:24:37 - 13:26:22	gap at MS
03/04/10	78183	22:52:17 - 22:53:30	gap at MS
03/04/10	78175	09:58:34 - 09:59:48	gap at MA
03/04/10	78182	21:14:32 - 21:16:32	gap at MA
03/04/10	78171	02:45:41 - 02:47:20	gap at MI
03/04/10	78172	04:25:23 - 04:27:02	gap at MI
03/04/10	78178	15:05:55 - 15:07:32	gap at MI
03/04/10	78179	16:44:54 - 16:46:31	gap at MI
03/04/10	78179	17:17:52 - 17:19:35	gap at MM
03/04/10	78181	20:36:23 - 20:37:38	gap at MM
03/04/10	78182	22:16:23 - 22:17:45	gap at MM
03/04/10	78171	03:15:55 - 03:17:48	gap at BE
04/04/10	NNNNN	00:00:00 - 00:00:00	gap at KS
05/04/10	78198	00:55:21 - 01:09:00	gap at HO
05/04/10	78198	01:07:11 - 01:17:34	gap at MM
05/04/10	78198	00:19:08 - 00:22:13	gap at KS
05/04/10	78199	02:26:01 - 02:37:04	gap at SG
05/04/10	78200	04:04:09 - 04:17:09	gap at SG
05/04/10	78200	03:21:41 - 03:32:48	gap at CM
05/04/10	78200	05:01:21 - 05:11:32	gap at CM
05/04/10	78202	07:08:26 - 07:18:26	gap at KS
05/04/10	78202	07:33:39 - 07:47:50	gap at JO
05/04/10	78203	09:36:28 - 09:47:02	gap at MM
05/04/10	78203	09:13:23 - 09:26:43	gap at JO
05/04/10	78204	11:26:47 - 11:38:07	gap at HO
05/04/10	78205	13:05:03 - 13:19:53	gap at HO
05/04/10	78206	14:45:30 - 14:55:43	gap at HO

05/04/10	78206	13:58:56 - 14:06:24	gap at GS
05/04/10	78206	14:59:32 - 15:12:58	gap at SG
05/04/10	78207	15:10:30 - 15:22:18	gap at BE
05/04/10	78207	15:36:12 - 15:50:00	gap at GS
05/04/10	78207	16:40:25 - 16:50:18	gap at SG
05/04/10	78207	15:45:26 - 15:56:41	gap at CM
05/04/10	78208	17:16:03 - 17:28:09	gap at GS
05/04/10	78209	19:33:52 - 19:46:33	gap at MM
05/04/10	78209	19:53:44 - 20:07:23	gap at JO
05/04/10	78210	21:13:26 - 21:26:08	gap at MM
05/04/10	78210	20:11:59 - 20:25:42	gap at MA
05/04/10	78210	21:32:49 - 21:46:48	gap at JO
05/04/10	78211	22:45:17 - 22:58:18	gap at HO
05/04/10	78211	22:53:46 - 23:05:59	gap at MM
05/04/10	78211	21:52:54 - 22:04:22	gap at MA
05/04/10	78203	08:47:54 - 08:49:38	gap at KS
05/04/10	78204	10:27:32 - 10:29:18	gap at KS
05/04/10	78205	12:06:58 - 12:08:44	gap at KS
05/04/10	78206	13:45:54 - 13:47:43	gap at KS
05/04/10	78207	15:24:04 - 15:26:14	gap at KS
05/04/10	78208	17:01:47 - 17:03:40	gap at KS
05/04/10	78209	18:39:54 - 18:41:39	gap at KS
05/04/10	78210	20:19:21 - 20:20:41	gap at KS
05/04/10	78211	22:00:46 - 22:02:09	gap at KS
05/04/10	78199	01:48:20 - 01:49:27	gap at GS
05/04/10	78200	03:27:03 - 03:28:21	gap at GS
05/04/10	78198	00:01:10 - 00:02:41	gap at MS
05/04/10	78204	10:41:22 - 10:43:15	gap at MS
05/04/10	78205	12:20:09 - 12:22:05	gap at MS
05/04/10	78211	21:51:51 - 21:53:10	gap at MS
05/04/10	78212	23:29:13 - 23:30:56	gap at MS
05/04/10	78204	10:35:32 - 10:36:51	gap at MA
05/04/10	78199	01:47:35 - 01:48:55	gap at MI
05/04/10	78200	03:21:56 - 03:23:36	gap at MI
05/04/10	78201	05:04:57 - 05:06:25	gap at MI
05/04/10	78207	15:42:08 - 15:43:47	gap at MI
05/04/10	78208	17:22:58 - 17:24:32	gap at MI
05/04/10	78207	16:15:31 - 16:16:32	gap at MM
05/04/10	78208	17:54:41 - 17:56:41	gap at MM
05/04/10	78199	02:13:45 - 02:15:42	gap at BE
05/04/10	78200	03:53:06 - 03:54:56	gap at BE
05/04/10	78208	17:25:06 - 17:27:50	gap at CM
06/04/10	78212	00:23:24 - 00:38:02	gap at HO
06/04/10	78212	00:35:07 - 00:46:04	gap at MM
06/04/10	78213	01:43:12 - 01:53:46	gap at BE
06/04/10	78213	02:07:51 - 02:13:39	gap at HO
06/04/10	78214	03:32:34 - 03:46:26	gap at SG
06/04/10	78216	07:24:26 - 07:32:02	gap at MM

06/04/10	78216	07:03:36 - 07:15:57	gap at JO
06/04/10	78217	08:41:22 - 08:56:05	gap at JO
06/04/10	78218	10:45:09 - 10:56:48	gap at MM
06/04/10	78219	12:25:07 - 12:37:39	gap at MM
06/04/10	78219	11:45:54 - 11:52:02	gap at MA
06/04/10	78220	14:13:43 - 14:26:38	gap at HO
06/04/10	78220	14:04:51 - 14:17:35	gap at MM
06/04/10	78220	14:29:21 - 14:40:54	gap at SG
06/04/10	78221	14:38:27 - 14:51:30	gap at BE
06/04/10	78221	15:44:19 - 15:56:55	gap at MM
06/04/10	78221	15:05:11 - 15:18:13	gap at GS
06/04/10	78221	16:07:51 - 16:20:36	gap at SG
06/04/10	78222	17:23:32 - 17:36:03	gap at MM
06/04/10	78222	16:44:30 - 16:57:46	gap at GS
06/04/10	78223	19:23:40 - 19:34:38	gap at JO
06/04/10	78224	20:42:04 - 20:54:48	gap at MM
06/04/10	78224	19:41:33 - 19:53:48	gap at MA
06/04/10	78224	21:01:17 - 21:16:12	gap at JO
06/04/10	78225	22:15:19 - 22:26:43	gap at HO
06/04/10	78225	22:43:41 - 22:50:33	gap at JO
06/04/10	78226	23:52:19 - 00:06:48	gap at HO
06/04/10	78216	06:37:19 - 06:38:25	gap at KS
06/04/10	78217	08:16:36 - 08:18:20	gap at KS
06/04/10	78218	09:56:14 - 09:57:59	gap at KS
06/04/10	78219	11:35:45 - 11:37:36	gap at KS
06/04/10	78220	13:14:53 - 13:16:37	gap at KS
06/04/10	78221	14:53:31 - 14:55:21	gap at KS
06/04/10	78222	16:31:09 - 16:32:59	gap at KS
06/04/10	78223	18:08:58 - 18:10:58	gap at KS
06/04/10	78224	19:47:55 - 19:49:20	gap at KS
06/04/10	78225	21:28:38 - 21:29:59	gap at KS
06/04/10	78226	23:11:51 - 23:12:54	gap at KS
06/04/10	78213	01:18:14 - 01:19:26	gap at GS
06/04/10	78214	02:55:33 - 02:56:43	gap at GS
06/04/10	78215	04:37:46 - 04:38:59	gap at GS
06/04/10	78218	10:11:18 - 10:13:10	gap at MS
06/04/10	78219	11:48:38 - 11:50:32	gap at MS
06/04/10	78226	22:57:55 - 22:59:10	gap at MS
06/04/10	78217	08:25:36 - 08:26:44	gap at MA
06/04/10	78218	10:04:17 - 10:05:25	gap at MA
06/04/10	78225	21:20:18 - 21:22:13	gap at MA
06/04/10	78214	02:51:12 - 02:52:48	gap at MI
06/04/10	78215	04:31:19 - 04:32:56	gap at MI
06/04/10	78221	15:11:26 - 15:13:04	gap at MI
06/04/10	78222	16:50:41 - 16:52:21	gap at MI
06/04/10	78223	19:02:40 - 19:04:13	gap at MM
06/04/10	78225	22:22:08 - 22:23:19	gap at MM
06/04/10	78214	03:21:37 - 03:23:28	gap at BE

06/04/10	78214	02:52:14 - 02:53:28	gap at CM
06/04/10	78221	15:15:43 - 15:17:54	gap at CM
06/04/10	78222	16:53:07 - 16:55:36	gap at CM
07/04/10	78226	23:52:19 - 00:06:48	gap at HO
07/04/10	78227	01:33:31 - 01:45:08	gap at HO
07/04/10	78227	01:45:14 - 01:54:49	gap at MM
07/04/10	78227	00:48:42 - 00:57:26	gap at GS
07/04/10	78228	03:01:37 - 03:15:05	gap at SG
07/04/10	78228	03:57:48 - 04:10:11	gap at CM
07/04/10	78229	04:30:39 - 04:41:02	gap at BE
07/04/10	78229	05:11:05 - 05:16:52	gap at MM
07/04/10	78229	04:42:31 - 04:52:19	gap at SG
07/04/10	78230	06:52:44 - 06:59:37	gap at MM
07/04/10	78230	06:06:28 - 06:12:13	gap at KS
07/04/10	78230	05:42:08 - 05:44:49	gap at CM
07/04/10	78230	06:34:33 - 06:43:24	gap at JO
07/04/10	78231	08:33:24 - 08:42:38	gap at MM
07/04/10	78231	07:55:59 - 08:01:45	gap at MA
07/04/10	78231	08:10:00 - 08:25:00	gap at JO
07/04/10	78232	10:13:41 - 10:24:53	gap at MM
07/04/10	78232	09:52:27 - 10:01:56	gap at JO
07/04/10	78233	12:03:02 - 12:16:30	gap at HO
07/04/10	78233	11:53:43 - 12:06:04	gap at MM
07/04/10	78234	13:42:05 - 13:56:32	gap at HO
07/04/10	78234	13:33:32 - 13:46:15	gap at MM
07/04/10	78234	14:00:35 - 14:07:31	gap at SG
07/04/10	78235	14:06:58 - 14:20:23	gap at BE
07/04/10	78235	15:23:29 - 15:30:49	gap at HO
07/04/10	78235	15:13:05 - 15:25:44	gap at MM
07/04/10	78235	14:41:30 - 14:50:38	gap at MI
07/04/10	78235	14:34:26 - 14:45:24	gap at GS
07/04/10	78235	15:36:10 - 15:49:59	gap at SG
07/04/10	78236	15:49:31 - 15:57:56	gap at BE
07/04/10	78236	16:52:22 - 17:04:54	gap at MM
07/04/10	78236	16:13:07 - 16:26:58	gap at GS
07/04/10	78237	18:31:30 - 18:44:05	gap at MM
07/04/10	78237	17:53:35 - 18:03:24	gap at GS
07/04/10	78237	18:04:52 - 18:08:28	gap at CM
07/04/10	78238	20:10:47 - 20:23:30	gap at MM
07/04/10	78238	19:13:16 - 19:21:17	gap at MA
07/04/10	78238	20:30:06 - 20:45:01	gap at JO
07/04/10	78239	21:46:15 - 21:54:40	gap at HO
07/04/10	78239	20:48:34 - 21:02:17	gap at MA
07/04/10	78239	22:10:39 - 22:22:04	gap at JO
07/04/10	78240	23:21:18 - 23:35:29	gap at HO
07/04/10	78240	23:31:17 - 23:43:08	gap at MM
07/04/10	78240	22:32:49 - 22:39:50	gap at MA
07/04/10	78231	07:45:19 - 07:46:39	gap at KS

07/04/10	78232	09:24:55 - 09:26:40	gap at KS
07/04/10	78233	11:04:30 - 11:06:16	gap at KS
07/04/10	78234	12:43:47 - 12:45:32	gap at KS
07/04/10	78235	14:22:36 - 14:24:26	gap at KS
07/04/10	78236	16:00:23 - 16:02:09	gap at KS
07/04/10	78237	17:38:18 - 17:40:07	gap at KS
07/04/10	78238	19:16:39 - 19:18:00	gap at KS
07/04/10	78239	20:56:45 - 20:58:00	gap at KS
07/04/10	78240	22:39:04 - 22:40:22	gap at KS
07/04/10	78229	04:04:57 - 04:06:17	gap at GS
07/04/10	78227	00:40:14 - 00:41:18	gap at MS
07/04/10	78233	11:17:31 - 11:19:25	gap at MS
07/04/10	78234	12:57:51 - 12:59:38	gap at MS
07/04/10	78240	22:27:13 - 22:28:34	gap at MS
07/04/10	78232	09:33:01 - 09:34:22	gap at MA
07/04/10	78228	02:21:12 - 02:22:50	gap at MI
07/04/10	78229	03:59:05 - 04:01:24	gap at MI
07/04/10	78236	16:19:01 - 16:20:39	gap at MI
07/04/10	78239	21:50:36 - 21:52:26	gap at MM
07/04/10	78228	02:50:22 - 02:52:13	gap at BE
07/04/10	78236	16:21:46 - 16:24:50	gap at CM
08/04/10	78241	01:01:10 - 01:14:35	gap at HO
08/04/10	78241	00:25:42 - 00:27:23	gap at KS
08/04/10	78242	02:55:46 - 03:03:45	gap at MM
08/04/10	78242	02:31:24 - 02:43:00	gap at SG
08/04/10	78245	08:01:49 - 08:10:18	gap at MM
08/04/10	78245	07:39:11 - 07:53:35	gap at JO
08/04/10	78246	09:19:17 - 09:32:14	gap at JO
08/04/10	78247	10:41:16 - 10:52:54	gap at MA
08/04/10	78249	14:51:19 - 15:01:02	gap at HO
08/04/10	78249	14:04:17 - 14:12:37	gap at GS
08/04/10	78249	15:05:07 - 15:18:43	gap at SG
08/04/10	78250	15:16:24 - 15:27:51	gap at BE
08/04/10	78250	15:41:52 - 15:55:44	gap at GS
08/04/10	78251	17:21:48 - 17:33:37	gap at GS
08/04/10	78252	19:39:32 - 19:52:14	gap at MM
08/04/10	78252	18:44:46 - 18:48:51	gap at MA
08/04/10	78252	19:59:17 - 20:13:14	gap at JO
08/04/10	78253	20:17:34 - 20:31:22	gap at MA
08/04/10	78253	21:38:36 - 21:52:18	gap at JO
08/04/10	78254	22:50:51 - 23:04:01	gap at HO
08/04/10	78254	21:58:48 - 22:09:54	gap at MA
08/04/10	78245	07:14:06 - 07:15:19	gap at KS
08/04/10	78246	08:53:36 - 08:55:18	gap at KS
08/04/10	78247	10:33:13 - 10:34:58	gap at KS
08/04/10	78248	12:12:38 - 12:14:22	gap at KS
08/04/10	78249	13:51:32 - 13:53:20	gap at KS
08/04/10	78250	15:29:40 - 15:31:40	gap at KS

08/04/10	78251	17:07:22 - 17:09:11	gap at KS
08/04/10	78252	18:45:33 - 18:47:13	gap at KS
08/04/10	78253	20:25:05 - 20:26:21	gap at KS
08/04/10	78254	22:06:38 - 22:07:55	gap at KS
08/04/10	78242	01:53:51 - 01:54:58	gap at GS
08/04/10	78243	03:32:50 - 03:33:57	gap at GS
08/04/10	78241	00:07:04 - 00:08:36	gap at MS
08/04/10	78247	10:46:51 - 10:48:43	gap at MS
08/04/10	78248	12:25:52 - 12:27:46	gap at MS
08/04/10	78254	21:57:13 - 21:58:33	gap at MS
08/04/10	78255	23:34:58 - 23:36:28	gap at MS
08/04/10	78242	01:52:29 - 01:53:53	gap at MI
08/04/10	78243	03:27:35 - 03:29:12	gap at MI
08/04/10	78244	05:11:27 - 05:12:44	gap at MI
08/04/10	78250	15:47:46 - 15:49:25	gap at MI
08/04/10	78251	17:28:57 - 17:30:29	gap at MI
08/04/10	78250	16:21:11 - 16:22:13	gap at MM
08/04/10	78251	18:00:21 - 18:02:25	gap at MM
08/04/10	78253	21:19:09 - 21:20:33	gap at MM
08/04/10	78242	02:19:21 - 02:23:41	gap at BE
08/04/10	78243	03:58:51 - 04:00:34	gap at BE
08/04/10	78243	04:09:58 - 04:11:33	gap at SG
08/04/10	78249	15:05:07 - 15:06:47	gap at SG
08/04/10	78250	16:46:30 - 16:48:24	gap at SG
08/04/10	78243	03:27:10 - 03:29:30	gap at CM
08/04/10	78250	15:50:58 - 15:54:34	gap at CM
08/04/10	78251	17:31:01 - 17:38:44	gap at CM
09/04/10	78255	00:29:05 - 00:43:42	gap at HO
09/04/10	78255	00:40:56 - 00:51:47	gap at MM
09/04/10	78256	01:48:43 - 01:59:44	gap at BE
09/04/10	78257	02:57:28 - 03:06:19	gap at CM
09/04/10	78257	04:34:57 - 04:46:47	gap at CM
09/04/10	78258	05:49:00 - 05:54:54	gap at MM
09/04/10	78259	07:09:01 - 07:21:47	gap at JO
09/04/10	78260	08:47:08 - 09:01:41	gap at JO
09/04/10	78262	11:51:59 - 11:57:05	gap at MA
09/04/10	78263	14:19:29 - 14:32:10	gap at HO
09/04/10	78263	14:10:32 - 14:23:16	gap at MM
09/04/10	78263	14:34:46 - 14:46:48	gap at SG
09/04/10	78264	14:44:14 - 14:57:07	gap at BE
09/04/10	78264	15:16:58 - 15:29:21	gap at MI
09/04/10	78264	15:10:48 - 15:24:02	gap at GS
09/04/10	78264	15:21:00 - 15:29:54	gap at CM
09/04/10	78265	17:29:12 - 17:41:43	gap at MM
09/04/10	78265	16:50:14 - 17:03:20	gap at GS
09/04/10	78265	16:58:53 - 17:10:37	gap at CM
09/04/10	78266	19:08:20 - 19:20:59	gap at MM
09/04/10	78266	19:29:04 - 19:40:41	gap at JO

09/04/10	78267	19:47:03 - 19:59:41	gap at MA
09/04/10	78267	21:07:00 - 21:21:48	gap at JO
09/04/10	78268	22:20:43 - 22:32:30	gap at HO
09/04/10	78269	23:57:58 - 00:12:29	gap at HO
09/04/10	78259	06:42:58 - 06:44:04	gap at KS
09/04/10	78260	08:22:18 - 08:24:00	gap at KS
09/04/10	78261	10:01:55 - 10:03:39	gap at KS
09/04/10	78262	11:41:26 - 11:43:15	gap at KS
09/04/10	78263	13:20:31 - 13:22:14	gap at KS
09/04/10	78264	14:59:05 - 15:00:56	gap at KS
09/04/10	78265	16:36:42 - 16:38:31	gap at KS
09/04/10	78266	18:14:35 - 18:16:33	gap at KS
09/04/10	78267	19:53:37 - 19:55:01	gap at KS
09/04/10	78268	21:34:27 - 21:35:51	gap at KS
09/04/10	78256	01:23:40 - 01:24:51	gap at GS
09/04/10	78257	03:01:15 - 03:02:20	gap at GS
09/04/10	78258	04:43:51 - 04:45:00	gap at GS
09/04/10	78261	10:16:43 - 10:18:33	gap at MS
09/04/10	78262	11:54:16 - 11:56:12	gap at MS
09/04/10	78269	23:03:33 - 23:05:04	gap at MS
09/04/10	78261	10:09:59 - 10:11:08	gap at MA
09/04/10	78268	21:26:04 - 21:27:53	gap at MA
09/04/10	78257	02:56:44 - 02:58:17	gap at MI
09/04/10	78258	04:37:18 - 04:38:51	gap at MI
09/04/10	78265	16:56:30 - 16:58:06	gap at MI
09/04/10	78267	20:47:46 - 20:48:55	gap at MM
09/04/10	78268	22:27:52 - 22:29:03	gap at MM
09/04/10	78257	03:27:20 - 03:29:11	gap at BE
09/04/10	78256	02:02:34 - 02:04:29	gap at SG
09/04/10	78257	03:38:16 - 03:40:03	gap at SG
09/04/10	78263	14:34:46 - 14:37:31	gap at SG
09/04/10	78264	16:13:41 - 16:15:40	gap at SG
10/04/10	78269	23:57:58 - 00:12:29	gap at HO
10/04/10	78269	00:08:57 - 00:20:18	gap at MM
10/04/10	78270	01:39:30 - 01:50:39	gap at HO
10/04/10	78271	03:34:05 - 03:41:11	gap at MM
10/04/10	78271	04:03:27 - 04:15:52	gap at CM
10/04/10	78272	05:16:55 - 05:22:42	gap at MM
10/04/10	78272	04:04:52 - 04:17:32	gap at MI
10/04/10	78273	06:58:30 - 07:05:30	gap at MM
10/04/10	78273	06:39:43 - 06:49:24	gap at JO
10/04/10	78274	08:39:09 - 08:48:30	gap at MM
10/04/10	78274	08:01:42 - 08:10:09	gap at MA
10/04/10	78274	08:15:39 - 08:30:41	gap at JO
10/04/10	78275	10:19:24 - 10:30:42	gap at MM
10/04/10	78276	11:59:26 - 12:11:49	gap at MM
10/04/10	78276	11:19:35 - 11:28:08	gap at MA
10/04/10	78276	11:23:09 - 11:36:21	gap at MS

10/04/10	78277	13:39:14 - 13:51:57	gap at MM
10/04/10	78277	13:03:45 - 13:13:29	gap at MS
10/04/10	78278	14:12:39 - 14:26:04	gap at BE
10/04/10	78278	15:18:46 - 15:31:25	gap at MM
10/04/10	78278	14:40:00 - 14:50:53	gap at GS
10/04/10	78279	15:55:42 - 16:03:16	gap at BE
10/04/10	78279	16:58:02 - 17:10:34	gap at MM
10/04/10	78279	16:18:48 - 16:32:36	gap at GS
10/04/10	78279	16:27:25 - 16:39:50	gap at CM
10/04/10	78280	18:37:10 - 18:49:46	gap at MM
10/04/10	78280	17:59:24 - 18:08:44	gap at GS
10/04/10	78280	19:00:16 - 19:06:30	gap at JO
10/04/10	78281	19:19:03 - 19:27:39	gap at MA
10/04/10	78281	20:35:44 - 20:50:43	gap at JO
10/04/10	78282	21:51:29 - 22:00:32	gap at HO
10/04/10	78282	22:16:33 - 22:27:23	gap at JO
10/04/10	78283	23:26:55 - 23:41:11	gap at HO
10/04/10	78283	23:37:04 - 23:48:51	gap at MM
10/04/10	78283	22:39:11 - 22:45:05	gap at MA
10/04/10	78271	02:30:09 - 02:31:14	gap at GS
10/04/10	78272	04:10:51 - 04:12:07	gap at GS
10/04/10	78271	02:26:35 - 02:28:08	gap at MI
10/04/10	78271	02:56:02 - 02:57:46	gap at BE
10/04/10	78271	03:07:12 - 03:09:02	gap at SG
10/04/10	78271	03:14:32 - 03:20:50	gap at SG
10/04/10	78272	04:48:36 - 04:49:43	gap at SG
10/04/10	78272	04:55:42 - 04:57:32	gap at SG
11/04/10	78284	01:06:59 - 01:20:11	gap at HO
11/04/10	78285	03:32:40 - 03:44:24	gap at CM
11/04/10	78286	05:13:22 - 05:22:18	gap at CM
11/04/10	78288	07:44:45 - 07:59:20	gap at JO
11/04/10	78289	09:25:13 - 09:37:43	gap at JO
11/04/10	78290	11:28:01 - 11:40:09	gap at MM
11/04/10	78291	13:07:53 - 13:20:34	gap at MM
11/04/10	78292	14:57:09 - 15:06:27	gap at HO
11/04/10	78292	14:09:41 - 14:18:45	gap at GS
11/04/10	78293	15:22:20 - 15:33:23	gap at BE
11/04/10	78293	15:47:32 - 16:01:27	gap at GS
11/04/10	78293	15:56:31 - 16:08:20	gap at CM
11/04/10	78294	17:27:34 - 17:39:04	gap at GS
11/04/10	78294	17:36:57 - 17:45:51	gap at CM
11/04/10	78295	18:50:20 - 18:54:34	gap at MA
11/04/10	78295	20:04:51 - 20:19:04	gap at JO
11/04/10	78296	20:23:10 - 20:36:57	gap at MA
11/04/10	78296	21:44:23 - 21:57:46	gap at JO
11/04/10	78297	22:56:27 - 23:09:45	gap at HO
11/04/10	78297	23:05:17 - 23:17:25	gap at MM
11/04/10	78297	22:05:21 - 22:15:25	gap at MA

11/04/10	78298	23:40:45 - 23:53:43	gap at MS
12/04/10	78298	00:34:57 - 00:49:22	gap at HO
12/04/10	78300	03:33:02 - 03:46:05	gap at BE
12/04/10	78300	03:02:46 - 03:12:16	gap at CM
12/04/10	78300	04:40:45 - 04:52:20	gap at CM
12/04/10	78302	07:14:27 - 07:27:36	gap at JO
12/04/10	78303	08:52:56 - 09:07:17	gap at JO
12/04/10	78306	14:25:15 - 14:37:34	gap at HO
12/04/10	78307	14:50:02 - 15:02:44	gap at BE
12/04/10	78307	15:16:26 - 15:29:50	gap at GS
12/04/10	78307	15:26:21 - 15:35:56	gap at CM
12/04/10	78308	17:34:52 - 17:47:23	gap at MM
12/04/10	78308	16:55:57 - 17:08:52	gap at GS
12/04/10	78309	19:34:30 - 19:46:40	gap at JO
12/04/10	78310	20:53:28 - 21:06:12	gap at MM
12/04/10	78310	21:12:43 - 21:27:24	gap at JO
12/04/10	78311	22:26:09 - 22:38:14	gap at HO
12/04/10	78304	10:07:37 - 10:09:19	gap at KS
12/04/10	78305	11:47:06 - 11:48:48	gap at KS
12/04/10	78306	13:26:10 - 13:27:51	gap at KS
12/04/10	78307	15:04:40 - 15:06:35	gap at KS
12/04/10	78308	16:42:16 - 16:44:02	gap at KS
12/04/10	78309	18:20:12 - 18:22:00	gap at KS
12/04/10	78310	19:59:19 - 20:00:41	gap at KS
12/04/10	78311	21:40:17 - 21:41:34	gap at KS
12/04/10	78304	10:22:09 - 10:23:58	gap at MS
12/04/10	78305	12:00:02 - 12:01:49	gap at MS
12/04/10	78312	23:09:13 - 23:10:42	gap at MS
12/04/10	78304	10:15:42 - 10:16:43	gap at MA
12/04/10	78310	19:52:34 - 19:54:21	gap at MA
12/04/10	78311	21:31:52 - 21:33:30	gap at MA
12/04/10	78307	15:22:32 - 15:24:05	gap at MI
12/04/10	78308	17:02:20 - 17:03:52	gap at MI
12/04/10	78309	19:14:01 - 19:15:26	gap at MM
12/04/10	78306	14:40:14 - 14:43:41	gap at SG
12/04/10	78307	16:19:34 - 16:21:28	gap at SG
12/04/10	78308	17:04:40 - 17:06:35	gap at CM
13/04/10	78312	00:03:36 - 00:18:10	gap at HO
13/04/10	78313	01:45:47 - 01:56:09	gap at HO
13/04/10	78314	03:01:42 - 03:15:07	gap at BE
13/04/10	78314	03:39:58 - 03:46:57	gap at MM
13/04/10	78314	02:34:54 - 02:38:21	gap at CM
13/04/10	78314	04:09:07 - 04:21:32	gap at CM
13/04/10	78315	04:42:19 - 04:51:45	gap at BE
13/04/10	78315	05:22:46 - 05:28:32	gap at MM
13/04/10	78316	07:04:16 - 07:11:24	gap at MM
13/04/10	78316	06:44:57 - 06:55:21	gap at JO
13/04/10	78317	08:44:53 - 08:54:22	gap at MM

13/04/10	78317	08:06:33 - 08:16:14	gap at MA
13/04/10	78317	08:21:20 - 08:36:21	gap at JO
13/04/10	78318	10:05:02 - 10:12:16	gap at JO
13/04/10	78319	11:25:28 - 11:33:40	gap at MA
13/04/10	78320	13:44:55 - 13:57:39	gap at MM
13/04/10	78320	14:10:46 - 14:19:55	gap at SG
13/04/10	78321	14:18:21 - 14:31:44	gap at BE
13/04/10	78321	14:45:34 - 14:56:23	gap at GS
13/04/10	78321	14:58:35 - 15:01:02	gap at CM
13/04/10	78322	16:02:00 - 16:08:31	gap at BE
13/04/10	78322	16:24:31 - 16:38:13	gap at GS
13/04/10	78322	16:33:06 - 16:45:30	gap at CM
13/04/10	78323	18:42:50 - 18:55:26	gap at MM
13/04/10	78323	18:05:14 - 18:14:04	gap at GS
13/04/10	78323	19:05:16 - 19:12:58	gap at JO
13/04/10	78324	19:24:22 - 19:33:29	gap at MA
13/04/10	78324	20:41:24 - 20:56:25	gap at JO
13/04/10	78325	21:56:39 - 22:06:24	gap at HO
13/04/10	78325	21:00:04 - 21:13:37	gap at MA
13/04/10	78325	22:22:29 - 22:32:38	gap at JO
13/04/10	78326	23:32:31 - 23:46:53	gap at HO
13/04/10	78326	23:42:51 - 23:54:34	gap at MM
13/04/10	78317	07:56:42 - 07:58:21	gap at KS
13/04/10	78318	09:36:18 - 09:37:58	gap at KS
13/04/10	78319	11:15:52 - 11:17:35	gap at KS
13/04/10	78320	12:55:06 - 12:56:47	gap at KS
13/04/10	78321	14:33:51 - 14:35:37	gap at KS
13/04/10	78322	16:11:32 - 16:13:17	gap at KS
13/04/10	78323	17:49:27 - 17:51:21	gap at KS
13/04/10	78324	19:28:00 - 19:29:18	gap at KS
13/04/10	78325	21:08:19 - 21:09:31	gap at KS
13/04/10	78326	22:50:57 - 22:52:06	gap at KS
13/04/10	78314	02:35:44 - 02:36:49	gap at GS
13/04/10	78315	04:16:47 - 04:17:58	gap at GS
13/04/10	78319	11:28:48 - 11:30:39	gap at MS
13/04/10	78320	13:09:38 - 13:11:23	gap at MS
13/04/10	78326	22:38:18 - 22:39:40	gap at MS
13/04/10	78318	09:44:21 - 09:45:37	gap at MA
13/04/10	78314	02:32:00 - 02:33:33	gap at MI
13/04/10	78315	04:10:42 - 04:12:59	gap at MI
13/04/10	78321	14:52:15 - 14:53:45	gap at MI
13/04/10	78322	16:30:29 - 16:32:04	gap at MI
13/04/10	78319	12:05:08 - 12:06:12	gap at MM
13/04/10	78322	17:03:42 - 17:04:59	gap at MM
13/04/10	78324	20:22:09 - 20:23:20	gap at MM
13/04/10	78325	22:02:03 - 22:03:34	gap at MM
13/04/10	78314	03:12:48 - 03:14:32	gap at SG
13/04/10	78315	04:54:46 - 04:55:46	gap at SG

13/04/10	78320	14:10:46 - 14:12:06	gap at SG
13/04/10	78321	15:47:36 - 15:49:29	gap at SG
14/04/10	78327	01:12:47 - 01:25:45	gap at HO
14/04/10	78328	02:30:36 - 02:43:38	gap at BE
14/04/10	78328	03:07:33 - 03:15:15	gap at MM
14/04/10	78328	03:38:13 - 03:50:10	gap at CM
14/04/10	78329	04:10:23 - 04:22:02	gap at BE
14/04/10	78330	05:19:28 - 05:27:36	gap at CM
14/04/10	78331	07:50:19 - 08:05:03	gap at JO
14/04/10	78332	09:31:11 - 09:43:10	gap at JO
14/04/10	78333	11:33:44 - 11:45:55	gap at MM
14/04/10	78335	15:03:00 - 15:11:56	gap at HO
14/04/10	78335	14:53:12 - 15:05:53	gap at MM
14/04/10	78335	14:15:08 - 14:24:51	gap at GS
14/04/10	78335	15:16:20 - 15:30:09	gap at SG
14/04/10	78336	15:28:18 - 15:38:54	gap at BE
14/04/10	78336	15:53:13 - 16:07:08	gap at GS
14/04/10	78336	16:58:57 - 17:05:41	gap at SG
14/04/10	78337	18:11:41 - 18:24:14	gap at MM
14/04/10	78337	17:33:20 - 17:44:31	gap at GS
14/04/10	78337	17:42:57 - 17:51:05	gap at CM
14/04/10	78338	19:50:54 - 20:03:36	gap at MM
14/04/10	78338	18:55:53 - 19:00:17	gap at MA
14/04/10	78338	20:10:26 - 20:24:52	gap at JO
14/04/10	78339	21:30:34 - 21:43:14	gap at MM
14/04/10	78339	20:28:47 - 20:42:32	gap at MA
14/04/10	78339	21:50:11 - 22:03:13	gap at JO
14/04/10	78340	23:01:58 - 23:15:29	gap at HO
14/04/10	78340	23:11:04 - 23:23:07	gap at MM
14/04/10	78340	22:08:02 - 22:19:19	gap at MS
14/04/10	78340	22:11:22 - 22:20:55	gap at MA
14/04/10	78340	22:18:24 - 22:29:52	gap at KS
14/04/10	78341	23:46:33 - 23:59:20	gap at MS
14/04/10	78331	07:25:27 - 07:26:39	gap at KS
14/04/10	78332	09:04:59 - 09:06:38	gap at KS
14/04/10	78333	10:44:36 - 10:46:18	gap at KS
14/04/10	78334	12:23:58 - 12:25:38	gap at KS
14/04/10	78335	14:02:51 - 14:04:36	gap at KS
14/04/10	78336	15:40:50 - 15:42:39	gap at KS
14/04/10	78337	17:18:41 - 17:20:24	gap at KS
14/04/10	78338	18:56:50 - 18:58:18	gap at KS
14/04/10	78339	20:36:35 - 20:37:44	gap at KS
14/04/10	78328	02:04:57 - 02:06:01	gap at GS
14/04/10	78329	03:44:27 - 03:45:35	gap at GS
14/04/10	78327	00:18:57 - 00:20:23	gap at MS
14/04/10	78333	10:57:45 - 10:59:33	gap at MS
14/04/10	78334	12:37:22 - 12:39:02	gap at MS
14/04/10	78333	10:52:48 - 10:53:53	gap at MA

14/04/10	78328	02:02:41 - 02:04:07	gap at MI
14/04/10	78329	03:38:58 - 03:40:35	gap at MI
14/04/10	78335	14:23:33 - 14:24:48	gap at MI
14/04/10	78336	15:59:05 - 16:00:40	gap at MI
14/04/10	78337	17:41:07 - 17:42:34	gap at MI
14/04/10	78336	16:32:32 - 16:33:35	gap at MM
14/04/10	78328	02:42:17 - 02:44:04	gap at SG
14/04/10	78329	04:21:40 - 04:22:57	gap at SG
14/04/10	78329	04:28:31 - 04:33:35	gap at SG
14/04/10	78336	16:58:57 - 17:00:59	gap at SG
14/04/10	78336	16:02:05 - 16:04:47	gap at CM
15/04/10	78341	00:40:48 - 00:54:59	gap at HO
15/04/10	78342	01:59:48 - 02:11:35	gap at BE
15/04/10	78343	03:38:46 - 03:51:40	gap at BE
15/04/10	78343	04:18:15 - 04:24:32	gap at MM
15/04/10	78343	03:08:07 - 03:18:10	gap at CM
15/04/10	78343	04:46:36 - 04:57:51	gap at CM
15/04/10	78345	07:19:54 - 07:33:24	gap at JO
15/04/10	78346	08:58:44 - 09:12:51	gap at JO
15/04/10	78347	11:02:18 - 11:14:10	gap at MM
15/04/10	78347	10:21:21 - 10:33:34	gap at MA
15/04/10	78348	12:42:14 - 12:54:50	gap at MM
15/04/10	78349	14:31:02 - 14:42:51	gap at HO
15/04/10	78349	14:45:43 - 14:58:30	gap at SG
15/04/10	78350	14:55:51 - 15:08:21	gap at BE
15/04/10	78350	16:01:20 - 16:13:55	gap at MM
15/04/10	78350	15:28:07 - 15:40:58	gap at MI
15/04/10	78350	15:22:04 - 15:35:37	gap at GS
15/04/10	78350	16:25:28 - 16:36:57	gap at SG
15/04/10	78350	15:31:46 - 15:41:55	gap at CM
15/04/10	78351	17:01:41 - 17:14:24	gap at GS
15/04/10	78352	19:19:41 - 19:32:20	gap at MM
15/04/10	78352	19:39:58 - 19:52:38	gap at JO
15/04/10	78353	21:18:27 - 21:32:58	gap at JO
15/04/10	78354	22:31:35 - 22:43:58	gap at HO
15/04/10	78354	22:39:22 - 22:51:42	gap at MM
15/04/10	78354	21:37:41 - 21:50:26	gap at MA
15/04/10	78341	00:03:26 - 00:04:29	gap at KS
15/04/10	78345	06:54:16 - 06:55:21	gap at KS
15/04/10	78346	08:33:40 - 08:35:18	gap at KS
15/04/10	78347	10:13:18 - 10:14:59	gap at KS
15/04/10	78348	11:52:47 - 11:54:30	gap at KS
15/04/10	78349	13:31:48 - 13:33:26	gap at KS
15/04/10	78350	15:10:13 - 15:12:10	gap at KS
15/04/10	78351	16:47:50 - 16:49:39	gap at KS
15/04/10	78352	18:25:49 - 18:27:32	gap at KS
15/04/10	78353	20:05:02 - 20:06:17	gap at KS
15/04/10	78354	21:46:08 - 21:47:22	gap at KS

15/04/10	78342	01:34:36 - 01:35:44	gap at GS
15/04/10	78343	03:12:41 - 03:13:43	gap at GS
15/04/10	78341	23:46:33 - 23:48:00	gap at MS
15/04/10	78347	10:27:38 - 10:29:28	gap at MS
15/04/10	78348	12:05:46 - 12:07:27	gap at MS
15/04/10	78355	23:14:55 - 23:16:22	gap at MS
15/04/10	78353	19:58:05 - 20:00:04	gap at MA
15/04/10	78343	03:07:53 - 03:09:24	gap at MI
15/04/10	78344	04:49:23 - 04:50:51	gap at MI
15/04/10	78351	17:08:12 - 17:09:42	gap at MI
15/04/10	78351	17:40:31 - 17:42:22	gap at MM
15/04/10	78353	20:59:10 - 21:00:15	gap at MM
15/04/10	78342	02:12:47 - 02:18:52	gap at SG
15/04/10	78343	03:49:43 - 03:58:25	gap at SG
15/04/10	78350	16:25:28 - 16:27:21	gap at SG
16/04/10	78355	00:09:13 - 00:23:50	gap at HO
16/04/10	78356	01:52:05 - 02:01:33	gap at HO
16/04/10	78357	03:45:52 - 03:52:43	gap at MM
16/04/10	78357	02:39:34 - 02:44:54	gap at CM
16/04/10	78357	04:14:49 - 04:27:11	gap at CM
16/04/10	78358	05:28:36 - 05:34:23	gap at MM
16/04/10	78359	07:10:02 - 07:17:18	gap at MM
16/04/10	78359	06:50:14 - 07:01:17	gap at JO
16/04/10	78360	08:50:37 - 09:00:14	gap at MM
16/04/10	78360	08:27:02 - 08:42:00	gap at JO
16/04/10	78362	11:31:18 - 11:39:02	gap at MA
16/04/10	78363	13:50:37 - 14:03:21	gap at MM
16/04/10	78363	14:16:00 - 14:25:59	gap at SG
16/04/10	78364	14:24:04 - 14:37:23	gap at BE
16/04/10	78364	15:30:07 - 15:42:45	gap at MM
16/04/10	78364	14:51:10 - 15:03:36	gap at GS
16/04/10	78364	15:03:02 - 15:08:00	gap at CM
16/04/10	78365	16:30:13 - 16:43:49	gap at GS
16/04/10	78366	18:11:04 - 18:19:22	gap at GS
16/04/10	78366	19:10:25 - 19:19:16	gap at JO
16/04/10	78367	19:27:53 - 19:39:19	gap at MA
16/04/10	78367	20:47:04 - 21:02:05	gap at JO
16/04/10	78368	22:01:54 - 22:12:13	gap at HO
16/04/10	78368	22:07:47 - 22:20:19	gap at MM
16/04/10	78368	22:28:28 - 22:37:51	gap at JO
16/04/10	78369	23:38:11 - 23:52:34	gap at HO
16/04/10	78360	08:02:23 - 08:04:00	gap at KS
16/04/10	78361	09:42:00 - 09:43:38	gap at KS
16/04/10	78362	11:21:33 - 11:23:16	gap at KS
16/04/10	78363	13:00:45 - 13:02:24	gap at KS
16/04/10	78364	14:39:28 - 14:41:11	gap at KS
16/04/10	78365	16:17:09 - 16:18:52	gap at KS
16/04/10	78366	17:55:00 - 17:56:59	gap at KS

16/04/10	78367	19:33:41 - 19:34:55	gap at KS
16/04/10	78368	21:14:07 - 21:15:15	gap at KS
16/04/10	78369	22:56:54 - 22:57:55	gap at KS
16/04/10	78357	02:41:23 - 02:42:29	gap at GS
16/04/10	78358	04:22:44 - 04:23:54	gap at GS
16/04/10	78362	11:34:30 - 11:36:16	gap at MS
16/04/10	78363	13:15:33 - 13:17:15	gap at MS
16/04/10	78369	22:43:53 - 22:45:14	gap at MS
16/04/10	78361	09:50:02 - 09:51:05	gap at MA
16/04/10	78368	21:05:56 - 21:07:41	gap at MA
16/04/10	78357	02:37:27 - 02:38:59	gap at MI
16/04/10	78358	04:16:33 - 04:18:05	gap at MI
16/04/10	78364	14:57:42 - 14:59:13	gap at MI
16/04/10	78365	16:36:14 - 16:37:48	gap at MI
16/04/10	78365	17:09:22 - 17:10:44	gap at MM
16/04/10	78366	18:48:30 - 18:49:59	gap at MM
16/04/10	78367	20:27:50 - 20:29:03	gap at MM
16/04/10	78357	03:07:23 - 03:09:03	gap at BE
16/04/10	78358	04:48:11 - 04:49:54	gap at BE
16/04/10	78357	03:18:25 - 03:19:45	gap at SG
16/04/10	78357	03:26:58 - 03:32:16	gap at SG
16/04/10	78364	15:53:22 - 15:55:13	gap at SG
16/04/10	78365	16:38:48 - 16:42:05	gap at CM
17/04/10	78370	01:18:39 - 01:31:19	gap at HO
17/04/10	78370	01:30:35 - 01:40:29	gap at MM
17/04/10	78370	00:35:33 - 00:42:46	gap at GS
17/04/10	78371	03:13:27 - 03:21:01	gap at MM
17/04/10	78371	03:43:47 - 03:55:54	gap at CM
17/04/10	78373	05:52:41 - 05:56:43	gap at KS
17/04/10	78373	05:25:39 - 05:32:48	gap at CM
17/04/10	78373	06:22:01 - 06:28:01	gap at JO
17/04/10	78374	08:19:03 - 08:27:57	gap at MM
17/04/10	78374	07:55:55 - 08:10:46	gap at JO
17/04/10	78375	09:59:22 - 10:10:21	gap at MM
17/04/10	78375	09:37:12 - 09:48:35	gap at JO
17/04/10	78377	13:19:17 - 13:32:00	gap at MM
17/04/10	78378	15:08:50 - 15:17:23	gap at HO
17/04/10	78378	14:20:37 - 14:30:54	gap at GS
17/04/10	78378	15:21:58 - 15:35:51	gap at SG
17/04/10	78379	15:34:18 - 15:44:23	gap at BE
17/04/10	78379	15:58:53 - 16:12:49	gap at GS
17/04/10	78379	16:07:41 - 16:19:53	gap at CM
17/04/10	78380	17:39:06 - 17:49:56	gap at GS
17/04/10	78380	17:49:02 - 17:56:15	gap at CM
17/04/10	78381	19:00:51 - 19:05:59	gap at MA
17/04/10	78381	20:16:02 - 20:30:39	gap at JO
17/04/10	78382	20:34:25 - 20:48:06	gap at MA
17/04/10	78382	21:56:01 - 22:08:39	gap at JO

17/04/10	78383	23:07:28 - 23:21:12	gap at HO
17/04/10	78374	07:31:07 - 07:32:19	gap at KS
17/04/10	78375	09:10:41 - 09:12:18	gap at KS
17/04/10	78376	10:50:17 - 10:51:56	gap at KS
17/04/10	78377	12:29:38 - 12:31:16	gap at KS
17/04/10	78378	14:08:31 - 14:10:13	gap at KS
17/04/10	78379	15:46:25 - 15:48:07	gap at KS
17/04/10	78380	17:24:18 - 17:26:02	gap at KS
17/04/10	78381	19:02:30 - 19:03:52	gap at KS
17/04/10	78382	20:42:20 - 20:43:28	gap at KS
17/04/10	78383	22:24:17 - 22:25:28	gap at KS
17/04/10	78372	03:50:17 - 03:51:31	gap at GS
17/04/10	78370	00:24:58 - 00:26:03	gap at MS
17/04/10	78376	11:03:28 - 11:05:10	gap at MS
17/04/10	78377	12:43:10 - 12:44:55	gap at MS
17/04/10	78383	22:13:29 - 22:14:35	gap at MS
17/04/10	78384	23:52:23 - 23:53:48	gap at MS
17/04/10	78371	02:07:55 - 02:09:22	gap at MI
17/04/10	78372	03:44:41 - 03:46:10	gap at MI
17/04/10	78378	14:28:29 - 14:29:46	gap at MI
17/04/10	78379	16:04:46 - 16:06:22	gap at MI
17/04/10	78380	17:47:23 - 17:48:39	gap at MI
17/04/10	78379	16:38:12 - 16:39:15	gap at MM
17/04/10	78380	18:17:20 - 18:19:14	gap at MM
17/04/10	78381	19:56:34 - 19:57:49	gap at MM
17/04/10	78382	21:36:17 - 21:38:06	gap at MM
17/04/10	78371	02:36:14 - 02:37:55	gap at BE
17/04/10	78372	04:16:09 - 04:17:52	gap at BE
17/04/10	78371	02:47:47 - 02:49:34	gap at SG
17/04/10	78372	04:27:34 - 04:28:46	gap at SG
18/04/10	78384	00:46:36 - 01:00:36	gap at HO
18/04/10	78384	00:09:39 - 00:14:06	gap at KS
18/04/10	78386	03:13:31 - 03:24:03	gap at CM
18/04/10	78386	04:52:28 - 05:03:21	gap at CM
18/04/10	78388	07:25:23 - 07:39:11	gap at JO
18/04/10	78389	09:04:35 - 09:18:25	gap at JO
18/04/10	78390	11:18:38 - 11:28:55	gap at HO
18/04/10	78391	12:56:33 - 13:11:22	gap at HO
18/04/10	78392	14:36:49 - 14:48:20	gap at HO
18/04/10	78392	14:51:13 - 15:04:18	gap at SG
18/04/10	78393	15:01:41 - 15:13:56	gap at BE
18/04/10	78393	15:27:43 - 15:41:23	gap at GS
18/04/10	78393	15:37:12 - 15:47:51	gap at CM
18/04/10	78394	17:46:11 - 17:58:43	gap at MM
18/04/10	78394	17:07:26 - 17:19:54	gap at GS
18/04/10	78394	17:16:18 - 17:27:04	gap at CM
18/04/10	78395	19:25:21 - 19:38:01	gap at MM
18/04/10	78395	19:45:27 - 19:58:33	gap at JO

18/04/10	78396	21:04:52 - 21:17:35	gap at MM
18/04/10	78396	20:03:38 - 20:17:06	gap at MA
18/04/10	78396	21:24:11 - 21:38:31	gap at JO
18/04/10	78397	22:37:02 - 22:49:42	gap at HO
18/04/10	78397	22:45:08 - 22:57:25	gap at MM
18/04/10	78397	21:43:49 - 21:56:01	gap at MA
18/04/10	78388	06:59:56 - 07:01:01	gap at KS
18/04/10	78389	08:39:22 - 08:40:58	gap at KS
18/04/10	78390	10:19:00 - 10:20:38	gap at KS
18/04/10	78391	11:58:27 - 12:00:10	gap at KS
18/04/10	78392	13:37:27 - 13:39:05	gap at KS
18/04/10	78393	15:15:45 - 15:17:46	gap at KS
18/04/10	78394	16:53:24 - 16:55:12	gap at KS
18/04/10	78395	18:31:27 - 18:33:08	gap at KS
18/04/10	78396	20:10:45 - 20:11:58	gap at KS
18/04/10	78397	21:51:58 - 21:53:06	gap at KS
18/04/10	78384	23:52:23 - 23:53:48	gap at MS
18/04/10	78390	10:33:07 - 10:34:51	gap at MS
18/04/10	78391	12:11:30 - 12:13:18	gap at MS
18/04/10	78398	23:20:37 - 23:22:01	gap at MS
18/04/10	78390	10:27:01 - 10:28:02	gap at MA
18/04/10	78386	03:13:29 - 03:15:01	gap at MI
18/04/10	78387	04:55:32 - 04:56:55	gap at MI
18/04/10	78393	15:33:42 - 15:35:13	gap at MI
18/04/10	78394	17:14:05 - 17:15:36	gap at MI
18/04/10	78385	02:05:22 - 02:07:15	gap at BE
18/04/10	78386	03:44:30 - 03:46:20	gap at BE
18/04/10	78385	02:18:02 - 02:19:15	gap at SG
18/04/10	78385	02:26:49 - 02:28:05	gap at SG
18/04/10	78386	03:55:28 - 03:56:52	gap at SG
18/04/10	78386	04:03:07 - 04:08:51	gap at SG
18/04/10	78393	16:31:25 - 16:38:33	gap at SG
19/04/10	78398	00:14:53 - 00:29:31	gap at HO
19/04/10	78399	01:58:12 - 02:06:52	gap at HO
19/04/10	78400	03:51:46 - 03:58:30	gap at MM
19/04/10	78400	02:44:32 - 02:51:09	gap at CM
19/04/10	78400	04:20:32 - 04:32:48	gap at CM
19/04/10	78401	04:54:04 - 05:02:21	gap at BE
19/04/10	78401	05:34:26 - 05:40:15	gap at MM
19/04/10	78402	07:15:48 - 07:23:11	gap at MM
19/04/10	78402	06:55:33 - 07:07:10	gap at JO
19/04/10	78403	08:56:21 - 09:06:06	gap at MM
19/04/10	78403	08:32:45 - 08:47:38	gap at JO
19/04/10	78405	11:37:06 - 11:44:17	gap at MA
19/04/10	78406	13:56:19 - 14:09:03	gap at MM
19/04/10	78406	14:21:19 - 14:31:59	gap at SG
19/04/10	78407	14:29:49 - 14:43:02	gap at BE
19/04/10	78407	14:56:46 - 15:09:28	gap at GS

19/04/10	78407	15:07:58 - 15:14:27	gap at CM
19/04/10	78408	17:15:02 - 17:27:33	gap at MM
19/04/10	78408	16:35:56 - 16:49:25	gap at GS
19/04/10	78408	16:44:31 - 16:56:43	gap at CM
19/04/10	78409	18:54:10 - 19:06:47	gap at MM
19/04/10	78409	18:16:57 - 18:24:37	gap at GS
19/04/10	78409	19:15:40 - 19:25:29	gap at JO
19/04/10	78410	20:33:32 - 20:46:16	gap at MM
19/04/10	78410	20:52:45 - 21:07:45	gap at JO
19/04/10	78411	22:07:17 - 22:18:02	gap at HO
19/04/10	78411	22:34:29 - 22:43:00	gap at JO
19/04/10	78412	23:43:52 - 23:58:16	gap at HO
19/04/10	78403	08:08:04 - 08:09:41	gap at KS
19/04/10	78404	09:47:41 - 09:49:18	gap at KS
19/04/10	78405	11:27:14 - 11:28:56	gap at KS
19/04/10	78406	13:06:24 - 13:08:00	gap at KS
19/04/10	78407	14:45:06 - 14:46:47	gap at KS
19/04/10	78408	16:22:46 - 16:24:26	gap at KS
19/04/10	78409	18:00:34 - 18:02:32	gap at KS
19/04/10	78410	19:39:22 - 19:40:35	gap at KS
19/04/10	78411	21:19:55 - 21:21:04	gap at KS
19/04/10	78399	01:10:07 - 01:11:13	gap at GS
19/04/10	78400	02:47:03 - 02:48:05	gap at GS
19/04/10	78401	04:28:44 - 04:29:48	gap at GS
19/04/10	78405	11:40:10 - 11:41:55	gap at MS
19/04/10	78406	13:21:33 - 13:23:15	gap at MS
19/04/10	78412	22:49:29 - 22:50:42	gap at MS
19/04/10	78404	09:55:44 - 09:56:45	gap at MA
19/04/10	78410	19:33:20 - 19:35:16	gap at MA
19/04/10	78411	21:11:40 - 21:13:24	gap at MA
19/04/10	78408	16:42:00 - 16:43:28	gap at MI
19/04/10	78400	02:42:56 - 02:44:26	gap at MI
19/04/10	78401	04:22:26 - 04:23:55	gap at MI
19/04/10	78407	15:03:10 - 15:04:36	gap at MI
19/04/10	78411	22:13:31 - 22:14:51	gap at MM
19/04/10	78400	03:13:04 - 03:14:46	gap at BE
19/04/10	78400	03:24:04 - 03:31:01	gap at SG
19/04/10	78406	14:21:19 - 14:22:41	gap at SG
19/04/10	78407	15:59:08 - 16:01:04	gap at SG
20/04/10	78413	01:24:35 - 01:36:51	gap at HO
20/04/10	78413	00:40:47 - 00:48:39	gap at GS
20/04/10	78414	03:49:22 - 04:01:38	gap at CM
20/04/10	78415	05:02:18 - 05:08:07	gap at MM
20/04/10	78416	06:44:04 - 06:50:46	gap at MM
20/04/10	78416	05:58:10 - 06:02:58	gap at KS
20/04/10	78416	05:31:59 - 05:37:52	gap at CM
20/04/10	78416	06:26:56 - 06:34:15	gap at JO
20/04/10	78417	08:24:48 - 08:33:49	gap at MM

20/04/10	78417	08:01:32 - 08:16:28	gap at JO
20/04/10	78418	10:05:06 - 10:16:10	gap at MM
20/04/10	78418	09:43:15 - 09:53:58	gap at JO
20/04/10	78419	11:54:36 - 12:07:41	gap at HO
20/04/10	78420	13:33:31 - 13:48:11	gap at HO
20/04/10	78420	13:24:59 - 13:37:42	gap at MM
20/04/10	78421	13:58:29 - 14:11:52	gap at BE
20/04/10	78421	15:14:42 - 15:22:49	gap at HO
20/04/10	78421	15:04:34 - 15:17:14	gap at MM
20/04/10	78421	14:26:08 - 14:36:54	gap at GS
20/04/10	78422	15:40:21 - 15:49:50	gap at BE
20/04/10	78422	16:43:52 - 16:56:24	gap at MM
20/04/10	78422	16:04:34 - 16:18:29	gap at GS
20/04/10	78422	16:13:18 - 16:25:37	gap at CM
20/04/10	78423	18:23:00 - 18:35:35	gap at MM
20/04/10	78423	17:44:53 - 17:55:20	gap at GS
20/04/10	78423	17:55:12 - 18:01:19	gap at CM
20/04/10	78424	19:05:58 - 19:12:57	gap at MA
20/04/10	78424	20:21:39 - 20:36:24	gap at JO
20/04/10	78425	20:40:04 - 20:53:45	gap at MA
20/04/10	78425	22:01:51 - 22:14:02	gap at JO
20/04/10	78426	23:12:57 - 23:26:55	gap at HO
20/04/10	78426	23:22:37 - 23:34:33	gap at MM
20/04/10	78417	07:36:48 - 07:37:57	gap at KS
20/04/10	78418	09:16:22 - 09:17:58	gap at KS
20/04/10	78419	10:55:58 - 10:57:36	gap at KS
20/04/10	78420	12:35:18 - 12:36:53	gap at KS
20/04/10	78421	14:14:09 - 14:15:49	gap at KS
20/04/10	78422	15:52:00 - 15:53:40	gap at KS
20/04/10	78423	17:29:55 - 17:31:36	gap at KS
20/04/10	78424	19:08:09 - 19:09:26	gap at KS
20/04/10	78425	20:48:06 - 20:49:13	gap at KS
20/04/10	78426	22:30:12 - 22:31:18	gap at KS
20/04/10	78415	03:56:08 - 03:57:20	gap at GS
20/04/10	78413	00:31:01 - 00:32:19	gap at MS
20/04/10	78419	11:09:05 - 11:10:50	gap at MS
20/04/10	78420	12:49:04 - 12:50:43	gap at MS
20/04/10	78426	22:18:57 - 22:20:07	gap at MS
20/04/10	78427	23:58:14 - 23:59:33	gap at MS
20/04/10	78418	09:24:32 - 09:25:48	gap at MA
20/04/10	78414	02:13:12 - 02:14:36	gap at MI
20/04/10	78415	03:50:25 - 03:52:38	gap at MI
20/04/10	78421	14:33:37 - 14:34:59	gap at MI
20/04/10	78422	16:10:27 - 16:11:52	gap at MI
20/04/10	78423	17:53:58 - 17:55:00	gap at MI
20/04/10	78424	20:02:15 - 20:03:29	gap at MM
20/04/10	78425	21:42:00 - 21:43:52	gap at MM
20/04/10	78414	02:41:53 - 02:43:33	gap at BE

20/04/10	78415	04:21:57 - 04:23:41	gap at BE
20/04/10	78414	02:53:18 - 02:55:00	gap at SG
20/04/10	78414	02:55:48 - 03:06:25	gap at SG
20/04/10	78415	04:33:31 - 04:34:43	gap at SG
20/04/10	78415	04:38:05 - 04:44:22	gap at SG
20/04/10	78421	15:27:38 - 15:29:17	gap at SG
21/04/10	78427	00:52:26 - 01:06:12	gap at HO
21/04/10	78427	00:15:56 - 00:19:32	gap at KS
21/04/10	78429	04:30:01 - 04:36:08	gap at MM
21/04/10	78429	03:18:57 - 03:29:54	gap at CM
21/04/10	78429	04:58:23 - 05:08:49	gap at CM
21/04/10	78430	06:12:14 - 06:18:23	gap at MM
21/04/10	78431	07:30:53 - 07:44:57	gap at JO
21/04/10	78432	09:10:26 - 09:23:57	gap at JO
21/04/10	78433	11:24:03 - 11:35:02	gap at HO
21/04/10	78434	13:02:13 - 13:17:02	gap at HO
21/04/10	78435	14:42:36 - 14:53:07	gap at HO
21/04/10	78435	14:33:18 - 14:46:00	gap at MM
21/04/10	78435	13:56:17 - 14:03:15	gap at GS
21/04/10	78435	14:56:46 - 15:10:05	gap at SG
21/04/10	78436	15:07:33 - 15:19:31	gap at BE
21/04/10	78436	15:33:22 - 15:47:08	gap at GS
21/04/10	78437	17:51:51 - 18:04:24	gap at MM
21/04/10	78437	17:13:10 - 17:25:24	gap at GS
21/04/10	78438	19:50:58 - 20:04:27	gap at JO
21/04/10	78439	21:29:56 - 21:44:03	gap at JO
21/04/10	78440	22:42:32 - 22:55:26	gap at HO
21/04/10	78431	07:05:36 - 07:06:41	gap at KS
21/04/10	78432	08:45:04 - 08:46:38	gap at KS
21/04/10	78433	10:24:41 - 10:26:18	gap at KS
21/04/10	78434	12:04:08 - 12:05:44	gap at KS
21/04/10	78435	13:43:05 - 13:44:43	gap at KS
21/04/10	78436	15:21:17 - 15:23:15	gap at KS
21/04/10	78437	16:58:59 - 17:00:42	gap at KS
21/04/10	78438	18:37:05 - 18:38:41	gap at KS
21/04/10	78439	20:16:29 - 20:17:37	gap at KS
21/04/10	78440	21:57:50 - 21:59:00	gap at KS
21/04/10	78427	23:58:14 - 23:59:33	gap at MS
21/04/10	78433	10:38:37 - 10:40:22	gap at MS
21/04/10	78434	12:17:16 - 12:19:02	gap at MS
21/04/10	78440	21:49:11 - 21:50:18	gap at MS
21/04/10	78441	23:26:20 - 23:27:41	gap at MS
21/04/10	78433	10:32:42 - 10:33:49	gap at MA
21/04/10	78439	20:09:12 - 20:10:55	gap at MA
21/04/10	78428	01:45:14 - 01:46:19	gap at MI
21/04/10	78429	03:19:06 - 03:20:35	gap at MI
21/04/10	78430	05:01:47 - 05:03:05	gap at MI
21/04/10	78436	15:39:19 - 15:40:44	gap at MI

21/04/10	78437	17:20:00 - 17:21:24	gap at MI
21/04/10	78438	19:31:02 - 19:32:19	gap at MM
21/04/10	78439	21:10:35 - 21:11:40	gap at MM
21/04/10	78428	02:10:57 - 02:12:43	gap at BE
21/04/10	78429	03:50:14 - 03:51:57	gap at BE
21/04/10	78428	02:23:20 - 02:24:34	gap at SG
21/04/10	78429	04:01:15 - 04:02:41	gap at SG
21/04/10	78435	14:56:46 - 14:59:10	gap at SG
21/04/10	78436	16:37:24 - 16:39:26	gap at SG
21/04/10	78436	15:42:41 - 15:45:32	gap at CM
22/04/10	78441	00:20:34 - 00:35:12	gap at HO
22/04/10	78442	02:04:47 - 02:12:07	gap at HO
22/04/10	78443	03:57:39 - 04:04:17	gap at MM
22/04/10	78444	05:40:16 - 05:46:06	gap at MM
22/04/10	78445	07:00:55 - 07:13:02	gap at JO
22/04/10	78446	08:38:30 - 08:53:16	gap at JO
22/04/10	78448	12:22:16 - 12:34:47	gap at MM
22/04/10	78448	11:42:55 - 11:49:28	gap at MA
22/04/10	78449	12:57:21 - 13:08:49	gap at BE
22/04/10	78449	14:26:40 - 14:37:56	gap at SG
22/04/10	78450	14:35:34 - 14:48:41	gap at BE
22/04/10	78450	15:02:22 - 15:15:18	gap at GS
22/04/10	78451	16:41:39 - 16:54:59	gap at GS
22/04/10	78452	18:59:50 - 19:12:28	gap at MM
22/04/10	78452	18:22:50 - 18:29:51	gap at GS
22/04/10	78452	19:20:59 - 19:31:36	gap at JO
22/04/10	78453	19:38:48 - 19:50:55	gap at MA
22/04/10	78453	20:58:26 - 21:13:23	gap at JO
22/04/10	78454	22:12:38 - 22:23:50	gap at HO
22/04/10	78454	22:40:35 - 22:48:04	gap at JO
22/04/10	78455	23:49:30 - 00:03:57	gap at HO
22/04/10	78446	08:13:45 - 08:15:22	gap at KS
22/04/10	78447	09:53:23 - 09:54:58	gap at KS
22/04/10	78448	11:32:55 - 11:34:35	gap at KS
22/04/10	78449	13:12:03 - 13:13:39	gap at KS
22/04/10	78450	14:50:43 - 14:52:23	gap at KS
22/04/10	78451	16:28:22 - 16:30:01	gap at KS
22/04/10	78452	18:06:09 - 18:08:01	gap at KS
22/04/10	78453	19:45:04 - 19:46:18	gap at KS
22/04/10	78454	21:25:44 - 21:26:51	gap at KS
22/04/10	78443	02:52:43 - 02:53:44	gap at GS
22/04/10	78444	04:34:45 - 04:35:46	gap at GS
22/04/10	78447	10:08:38 - 10:10:16	gap at MS
22/04/10	78448	11:45:49 - 11:47:29	gap at MS
22/04/10	78449	13:27:40 - 13:29:28	gap at MS
22/04/10	78455	22:55:06 - 22:56:17	gap at MS
22/04/10	78447	10:01:25 - 10:02:27	gap at MA
22/04/10	78454	21:17:25 - 21:19:10	gap at MA

22/04/10	78443	02:48:26 - 02:49:51	gap at MI
22/04/10	78444	04:28:21 - 04:29:47	gap at MI
22/04/10	78450	15:08:40 - 15:10:03	gap at MI
22/04/10	78451	16:47:48 - 16:49:14	gap at MI
22/04/10	78451	17:20:42 - 17:22:18	gap at MM
22/04/10	78453	20:39:14 - 20:40:17	gap at MM
22/04/10	78454	22:19:16 - 22:20:22	gap at MM
22/04/10	78443	03:18:46 - 03:20:26	gap at BE
22/04/10	78443	03:29:44 - 03:31:51	gap at SG
22/04/10	78443	03:38:19 - 03:43:37	gap at SG
22/04/10	78443	02:49:38 - 02:51:12	gap at CM
22/04/10	78450	15:13:06 - 15:15:57	gap at CM
22/04/10	78451	16:50:15 - 16:52:31	gap at CM
23/04/10	78455	23:49:30 - 00:03:57	gap at HO
23/04/10	78456	01:30:34 - 01:42:23	gap at HO
23/04/10	78456	00:46:04 - 00:54:31	gap at GS
23/04/10	78457	03:25:14 - 03:32:32	gap at MM
23/04/10	78457	03:54:59 - 04:07:20	gap at CM
23/04/10	78458	05:08:09 - 05:13:56	gap at MM
23/04/10	78459	06:49:50 - 06:56:40	gap at MM
23/04/10	78459	06:03:42 - 06:09:09	gap at KS
23/04/10	78459	05:38:35 - 05:42:40	gap at CM
23/04/10	78459	06:31:59 - 06:40:22	gap at JO
23/04/10	78460	08:30:32 - 08:39:42	gap at MM
23/04/10	78460	07:52:55 - 07:59:48	gap at MA
23/04/10	78460	08:07:10 - 08:22:10	gap at JO
23/04/10	78461	10:10:49 - 10:21:59	gap at MM
23/04/10	78461	09:49:22 - 09:59:18	gap at JO
23/04/10	78462	12:00:13 - 12:13:34	gap at HO
23/04/10	78463	13:39:14 - 13:53:43	gap at HO
23/04/10	78463	13:30:41 - 13:43:24	gap at MM
23/04/10	78464	14:04:08 - 14:17:33	gap at BE
23/04/10	78464	15:20:34 - 15:28:10	gap at HO
23/04/10	78464	14:31:40 - 14:42:40	gap at GS
23/04/10	78465	15:46:27 - 15:55:15	gap at BE
23/04/10	78465	16:10:16 - 16:24:09	gap at GS
23/04/10	78466	18:28:40 - 18:41:15	gap at MM
23/04/10	78466	17:50:41 - 18:00:43	gap at GS
23/04/10	78467	20:07:56 - 20:20:40	gap at MM
23/04/10	78467	19:11:09 - 19:18:51	gap at MA
23/04/10	78467	20:27:16 - 20:42:09	gap at JO
23/04/10	78468	20:45:44 - 20:59:26	gap at MA
23/04/10	78468	22:07:43 - 22:19:24	gap at JO
23/04/10	78469	23:18:30 - 23:32:38	gap at HO
23/04/10	78469	22:29:42 - 22:37:10	gap at MA
23/04/10	78460	07:42:29 - 07:43:38	gap at KS
23/04/10	78461	09:22:04 - 09:23:38	gap at KS
23/04/10	78462	11:01:39 - 11:03:17	gap at KS

23/04/10	78463	12:40:57 - 12:42:32	gap at KS
23/04/10	78464	14:19:47 - 14:21:26	gap at KS
23/04/10	78465	15:57:35 - 15:59:12	gap at KS
23/04/10	78466	17:35:30 - 17:37:09	gap at KS
23/04/10	78467	19:13:49 - 19:15:01	gap at KS
23/04/10	78468	20:53:52 - 20:54:57	gap at KS
23/04/10	78458	04:02:00 - 04:03:08	gap at GS
23/04/10	78462	11:14:42 - 11:16:23	gap at MS
23/04/10	78463	12:54:54 - 12:56:34	gap at MS
23/04/10	78469	22:24:27 - 22:25:47	gap at MS
23/04/10	78461	09:30:11 - 09:31:23	gap at MA
23/04/10	78457	02:18:31 - 02:20:00	gap at MI
23/04/10	78458	03:56:11 - 03:58:23	gap at MI
23/04/10	78464	14:38:51 - 14:40:13	gap at MI
23/04/10	78465	16:16:10 - 16:17:39	gap at MI
23/04/10	78464	15:10:15 - 15:13:16	gap at MM
23/04/10	78464	15:16:21 - 15:22:54	gap at MM
23/04/10	78465	16:49:32 - 16:50:51	gap at MM
23/04/10	78468	21:47:44 - 21:49:31	gap at MM
23/04/10	78457	02:47:32 - 02:49:11	gap at BE
23/04/10	78458	04:27:45 - 04:29:35	gap at BE
23/04/10	78457	02:58:50 - 03:05:29	gap at SG
23/04/10	78458	04:39:30 - 04:42:08	gap at SG
23/04/10	78464	15:33:19 - 15:34:57	gap at SG
23/04/10	78465	16:18:56 - 16:20:16	gap at CM
23/04/10	78465	16:26:13 - 16:31:19	gap at CM
24/04/10	78470	00:58:16 - 01:11:47	gap at HO
24/04/10	78470	00:22:22 - 00:24:51	gap at KS
24/04/10	78471	02:16:33 - 02:29:09	gap at BE
24/04/10	78472	04:35:54 - 04:41:56	gap at MM
24/04/10	78472	03:24:25 - 03:35:43	gap at CM
24/04/10	78472	05:04:20 - 05:14:15	gap at CM
24/04/10	78473	06:18:02 - 06:24:16	gap at MM
24/04/10	78474	07:58:57 - 08:07:22	gap at MM
24/04/10	78474	07:36:25 - 07:50:43	gap at JO
24/04/10	78475	09:16:19 - 09:29:29	gap at JO
24/04/10	78477	12:59:20 - 13:12:00	gap at MM
24/04/10	78478	14:48:25 - 14:58:21	gap at HO
24/04/10	78478	14:38:59 - 14:51:41	gap at MM
24/04/10	78478	14:01:36 - 14:09:31	gap at GS
24/04/10	78478	15:02:19 - 15:15:51	gap at SG
24/04/10	78479	15:13:27 - 15:25:05	gap at BE
24/04/10	78479	16:18:21 - 16:30:55	gap at MM
24/04/10	78479	15:44:57 - 15:58:14	gap at MI
24/04/10	78479	15:39:02 - 15:52:52	gap at GS
24/04/10	78479	16:43:27 - 16:52:55	gap at SG
24/04/10	78479	15:48:12 - 15:59:36	gap at CM
24/04/10	78480	17:57:31 - 18:10:04	gap at MM

24/04/10	78480	17:25:57 - 17:34:48	gap at MI
24/04/10	78480	17:18:55 - 17:30:53	gap at GS
24/04/10	78480	17:28:03 - 17:37:52	gap at CM
24/04/10	78481	19:36:42 - 19:49:23	gap at MM
24/04/10	78481	19:56:31 - 20:10:19	gap at JO
24/04/10	78482	21:16:17 - 21:28:59	gap at MM
24/04/10	78482	20:14:47 - 20:28:33	gap at MA
24/04/10	78482	21:35:43 - 21:49:33	gap at JO
24/04/10	78483	22:48:03 - 23:01:09	gap at HO
24/04/10	78483	22:56:39 - 23:08:50	gap at MM
24/04/10	78483	21:55:51 - 22:07:08	gap at MA
24/04/10	78474	07:11:16 - 07:12:19	gap at KS
24/04/10	78475	08:50:45 - 08:52:18	gap at KS
24/04/10	78476	10:30:22 - 10:31:58	gap at KS
24/04/10	78477	12:09:48 - 12:11:22	gap at KS
24/04/10	78478	13:48:43 - 13:50:21	gap at KS
24/04/10	78479	15:26:52 - 15:28:46	gap at KS
24/04/10	78480	17:04:34 - 17:11:24	gap at KS
24/04/10	78481	18:42:44 - 18:44:14	gap at KS
24/04/10	78482	20:22:13 - 20:23:19	gap at KS
24/04/10	78483	22:03:42 - 22:04:50	gap at KS
24/04/10	78470	00:04:07 - 00:05:30	gap at MS
24/04/10	78476	10:44:06 - 10:45:46	gap at MS
24/04/10	78477	12:23:00 - 12:24:43	gap at MS
24/04/10	78484	23:32:05 - 23:33:32	gap at MS
24/04/10	78476	10:38:24 - 10:39:26	gap at MA
24/04/10	78471	01:50:00 - 01:51:13	gap at MI
24/04/10	78472	03:24:45 - 03:26:13	gap at MI
24/04/10	78473	05:08:10 - 05:09:23	gap at MI
24/04/10	78472	03:55:58 - 03:57:43	gap at BE
24/04/10	78471	02:28:42 - 02:30:31	gap at SG
24/04/10	78471	02:33:56 - 02:40:03	gap at SG
24/04/10	78472	04:07:03 - 04:08:30	gap at SG
24/04/10	78472	04:14:40 - 04:19:55	gap at SG
25/04/10	78484	00:26:14 - 00:40:52	gap at HO
25/04/10	78485	01:45:58 - 01:56:45	gap at BE
25/04/10	78486	04:03:32 - 04:10:04	gap at MM
25/04/10	78486	02:54:50 - 03:03:19	gap at CM
25/04/10	78486	04:32:03 - 04:44:00	gap at CM
25/04/10	78487	05:46:05 - 05:51:58	gap at MM
25/04/10	78488	07:06:18 - 07:18:53	gap at JO
25/04/10	78489	09:07:49 - 09:17:48	gap at MM
25/04/10	78489	08:44:15 - 08:58:53	gap at JO
25/04/10	78490	10:48:00 - 10:59:42	gap at MM
25/04/10	78491	12:27:58 - 12:40:31	gap at MM
25/04/10	78491	11:48:56 - 11:54:34	gap at MA
25/04/10	78492	14:16:36 - 14:29:24	gap at HO
25/04/10	78492	14:07:42 - 14:20:25	gap at MM

25/04/10	78492	14:32:04 - 14:43:51	gap at SG
25/04/10	78493	14:41:20 - 14:54:19	gap at BE
25/04/10	78493	15:47:09 - 15:59:45	gap at MM
25/04/10	78493	15:14:12 - 15:26:25	gap at MI
25/04/10	78493	15:07:59 - 15:21:08	gap at GS
25/04/10	78493	16:10:46 - 16:23:21	gap at SG
25/04/10	78493	15:18:21 - 15:26:52	gap at CM
25/04/10	78494	17:26:22 - 17:38:53	gap at MM
25/04/10	78494	16:53:36 - 17:05:21	gap at MI
25/04/10	78494	16:47:22 - 17:00:33	gap at GS
25/04/10	78494	16:56:00 - 17:07:51	gap at CM
25/04/10	78495	19:05:30 - 19:18:09	gap at MM
25/04/10	78495	19:26:22 - 19:37:40	gap at JO
25/04/10	78496	20:44:55 - 20:57:39	gap at MM
25/04/10	78496	19:44:18 - 19:56:44	gap at MA
25/04/10	78496	21:04:08 - 21:19:00	gap at JO
25/04/10	78497	22:18:01 - 22:29:37	gap at HO
25/04/10	78497	22:25:00 - 22:37:26	gap at MM
25/04/10	78497	22:46:48 - 22:53:00	gap at JO
25/04/10	78498	23:55:08 - 00:09:38	gap at HO
25/04/10	78489	08:19:27 - 08:21:25	gap at KS
25/04/10	78490	09:59:04 - 10:00:38	gap at KS
25/04/10	78491	11:38:35 - 11:40:13	gap at KS
25/04/10	78492	13:17:42 - 13:19:13	gap at KS
25/04/10	78493	14:56:18 - 14:57:57	gap at KS
25/04/10	78494	16:33:56 - 16:35:33	gap at KS
25/04/10	78495	18:11:46 - 18:13:33	gap at KS
25/04/10	78496	19:50:46 - 19:52:01	gap at KS
25/04/10	78497	21:31:33 - 21:32:43	gap at KS
25/04/10	78485	01:20:57 - 01:22:00	gap at GS
25/04/10	78486	02:58:24 - 02:59:28	gap at GS
25/04/10	78498	23:00:44 - 23:01:59	gap at MS
25/04/10	78490	10:14:00 - 10:15:38	gap at MS
25/04/10	78491	11:51:27 - 11:53:28	gap at MS
25/04/10	78497	21:23:11 - 21:24:51	gap at MA
25/04/10	78486	02:53:58 - 02:55:22	gap at MI
25/04/10	78487	04:34:18 - 04:35:42	gap at MI
25/04/10	78486	03:24:28 - 03:26:07	gap at BE
25/04/10	78486	03:35:25 - 03:37:05	gap at SG
26/04/10	78498	23:55:08 - 00:09:38	gap at HO
26/04/10	78498	00:06:03 - 00:17:27	gap at MM
26/04/10	78499	01:36:27 - 01:47:54	gap at HO
26/04/10	78500	04:00:37 - 04:13:02	gap at CM
26/04/10	78501	04:33:34 - 04:43:43	gap at BE
26/04/10	78501	05:14:00 - 05:19:47	gap at MM
26/04/10	78502	06:37:08 - 06:46:24	gap at JO
26/04/10	78503	08:36:16 - 08:45:34	gap at MM
26/04/10	78503	07:59:07 - 08:07:05	gap at MA

26/04/10	78503	08:12:49 - 08:27:51	gap at JO
26/04/10	78504	10:16:33 - 10:27:47	gap at MM
26/04/10	78504	09:55:33 - 10:04:34	gap at JO
26/04/10	78505	11:56:35 - 12:08:56	gap at MM
26/04/10	78505	11:16:39 - 11:25:26	gap at MA
26/04/10	78506	14:03:05 - 14:10:40	gap at SG
26/04/10	78507	14:09:49 - 14:23:14	gap at BE
26/04/10	78507	15:15:55 - 15:28:34	gap at MM
26/04/10	78507	14:37:13 - 14:48:09	gap at GS
26/04/10	78508	15:52:36 - 16:00:37	gap at BE
26/04/10	78508	16:15:57 - 16:29:47	gap at GS
26/04/10	78508	16:24:35 - 16:37:00	gap at CM
26/04/10	78509	17:56:30 - 18:06:04	gap at GS
26/04/10	78509	18:08:27 - 18:10:30	gap at CM
26/04/10	78510	20:13:37 - 20:26:21	gap at MM
26/04/10	78510	19:16:24 - 19:24:43	gap at MA
26/04/10	78510	20:32:55 - 20:47:52	gap at JO
26/04/10	78511	21:48:52 - 21:57:36	gap at HO
26/04/10	78512	23:24:07 - 23:38:20	gap at HO
26/04/10	78512	23:34:10 - 23:45:59	gap at MM
26/04/10	78512	22:35:59 - 22:42:28	gap at MA
26/04/10	78503	07:48:10 - 07:49:40	gap at KS
26/04/10	78504	09:27:46 - 09:29:18	gap at KS
26/04/10	78505	11:07:20 - 11:08:54	gap at KS
26/04/10	78506	12:46:37 - 12:48:08	gap at KS
26/04/10	78507	14:25:25 - 14:27:02	gap at KS
26/04/10	78508	16:03:10 - 16:04:46	gap at KS
26/04/10	78509	17:41:05 - 17:42:42	gap at KS
26/04/10	78510	19:19:29 - 19:20:39	gap at KS
26/04/10	78511	20:59:38 - 21:00:43	gap at KS
26/04/10	78512	22:42:02 - 22:43:14	gap at KS
26/04/10	78501	04:07:54 - 04:08:59	gap at GS
26/04/10	78505	11:20:20 - 11:22:02	gap at MS
26/04/10	78506	13:00:48 - 13:02:22	gap at MS
26/04/10	78512	22:29:59 - 22:31:14	gap at MS
26/04/10	78504	09:35:51 - 09:37:01	gap at MA
26/04/10	78511	20:51:24 - 20:53:10	gap at MA
26/04/10	78500	02:23:53 - 02:25:17	gap at MI
26/04/10	78501	04:01:58 - 04:04:07	gap at MI
26/04/10	78507	14:44:10 - 14:46:41	gap at MI
26/04/10	78508	16:21:53 - 16:23:20	gap at MI
26/04/10	78509	18:34:20 - 18:35:51	gap at MM
26/04/10	78511	21:53:27 - 21:55:03	gap at MM
26/04/10	78500	02:53:12 - 02:54:44	gap at BE
26/04/10	78500	03:04:24 - 03:06:05	gap at SG
26/04/10	78500	03:13:53 - 03:17:57	gap at SG
26/04/10	78501	04:45:33 - 04:46:36	gap at SG
27/04/10	78513	01:04:05 - 01:17:23	gap at HO

27/04/10	78514	02:22:10 - 02:34:58	gap at BE
27/04/10	78514	02:58:43 - 03:06:37	gap at MM
27/04/10	78514	03:29:55 - 03:41:30	gap at CM
27/04/10	78517	07:41:58 - 07:56:28	gap at JO
27/04/10	78518	09:22:15 - 09:34:58	gap at JO
27/04/10	78519	11:35:04 - 11:47:07	gap at HO
27/04/10	78519	11:25:10 - 11:37:16	gap at MM
27/04/10	78520	13:13:35 - 13:28:24	gap at HO
27/04/10	78521	14:54:14 - 15:03:43	gap at HO
27/04/10	78521	14:06:59 - 14:15:41	gap at GS
27/04/10	78521	15:07:55 - 15:21:35	gap at SG
27/04/10	78522	15:19:22 - 15:30:37	gap at BE
27/04/10	78522	15:44:42 - 15:58:35	gap at GS
27/04/10	78523	18:03:11 - 18:15:44	gap at MM
27/04/10	78523	17:24:41 - 17:36:21	gap at GS
27/04/10	78524	19:42:23 - 19:55:04	gap at MM
27/04/10	78524	18:47:33 - 18:51:43	gap at MA
27/04/10	78524	20:02:04 - 20:16:09	gap at JO
27/04/10	78525	21:22:00 - 21:34:41	gap at MM
27/04/10	78525	20:20:22 - 20:34:10	gap at MA
27/04/10	78525	21:41:29 - 21:55:02	gap at JO
27/04/10	78526	22:53:39 - 23:06:53	gap at HO
27/04/10	78526	22:01:51 - 22:12:40	gap at MA
27/04/10	78517	07:16:56 - 07:17:59	gap at KS
27/04/10	78518	08:56:27 - 08:57:58	gap at KS
27/04/10	78519	10:36:04 - 10:37:37	gap at KS
27/04/10	78520	12:15:28 - 12:17:01	gap at KS
27/04/10	78521	13:54:22 - 13:56:00	gap at KS
27/04/10	78522	15:32:27 - 15:34:14	gap at KS
27/04/10	78523	17:10:11 - 17:11:47	gap at KS
27/04/10	78524	18:48:22 - 18:49:47	gap at KS
27/04/10	78525	20:27:57 - 20:29:01	gap at KS
27/04/10	78526	22:09:34 - 22:10:37	gap at KS
27/04/10	78513	00:10:01 - 00:11:31	gap at MS
27/04/10	78519	10:49:36 - 10:51:15	gap at MS
27/04/10	78520	12:28:44 - 12:30:25	gap at MS
27/04/10	78527	23:37:51 - 23:39:09	gap at MS
27/04/10	78519	10:44:09 - 10:45:09	gap at MA
27/04/10	78514	01:54:59 - 01:56:13	gap at MI
27/04/10	78515	03:30:25 - 03:32:05	gap at MI
27/04/10	78522	15:50:36 - 15:51:59	gap at MI
27/04/10	78523	17:31:58 - 17:33:16	gap at MI
27/04/10	78515	04:01:44 - 04:04:49	gap at BE
27/04/10	78514	02:34:07 - 02:35:42	gap at SG
27/04/10	78515	04:12:53 - 04:16:22	gap at SG
27/04/10	78521	15:07:55 - 15:09:32	gap at SG
27/04/10	78522	16:49:34 - 16:51:26	gap at SG
27/04/10	78522	15:53:44 - 15:56:41	gap at CM

28/04/10	78527	00:32:01 - 00:46:32	gap at HO
28/04/10	78528	01:51:29 - 02:02:42	gap at BE
28/04/10	78528	02:26:21 - 02:35:00	gap at MM
28/04/10	78528	02:05:04 - 02:12:46	gap at SG
28/04/10	78529	04:09:26 - 04:15:51	gap at MM
28/04/10	78529	03:41:07 - 03:54:53	gap at SG
28/04/10	78530	05:51:54 - 05:57:50	gap at MM
28/04/10	78531	07:33:04 - 07:40:52	gap at MM
28/04/10	78531	07:11:43 - 07:24:42	gap at JO
28/04/10	78532	08:50:02 - 09:04:29	gap at JO
28/04/10	78533	11:05:10 - 11:13:57	gap at HO
28/04/10	78534	12:42:26 - 12:57:09	gap at HO
28/04/10	78534	12:33:41 - 12:46:15	gap at MM
28/04/10	78534	11:55:05 - 11:59:33	gap at MA
28/04/10	78535	14:22:22 - 14:34:55	gap at HO
28/04/10	78535	14:37:30 - 14:49:44	gap at SG
28/04/10	78536	14:47:07 - 14:59:56	gap at BE
28/04/10	78536	15:13:37 - 15:26:57	gap at GS
28/04/10	78537	16:53:05 - 17:06:06	gap at GS
28/04/10	78538	19:31:47 - 19:43:41	gap at JO
28/04/10	78539	19:49:48 - 20:02:37	gap at MA
28/04/10	78539	21:09:51 - 21:24:36	gap at JO
28/04/10	78540	22:23:26 - 22:35:22	gap at HO
28/04/10	78532	08:25:08 - 08:26:38	gap at KS
28/04/10	78533	10:04:46 - 10:06:18	gap at KS
28/04/10	78534	11:44:16 - 11:45:51	gap at KS
28/04/10	78535	13:23:21 - 13:24:50	gap at KS
28/04/10	78536	15:01:53 - 15:03:34	gap at KS
28/04/10	78537	16:39:29 - 16:41:05	gap at KS
28/04/10	78538	18:17:23 - 18:19:07	gap at KS
28/04/10	78539	19:56:28 - 19:57:41	gap at KS
28/04/10	78540	21:37:22 - 21:38:29	gap at KS
28/04/10	78528	01:26:24 - 01:27:44	gap at GS
28/04/10	78533	10:19:26 - 10:21:04	gap at MS
28/04/10	78534	11:57:09 - 11:58:47	gap at MS
28/04/10	78541	23:06:23 - 23:07:40	gap at MS
28/04/10	78540	21:28:58 - 21:30:32	gap at MA
28/04/10	78529	02:59:31 - 03:00:51	gap at MI
28/04/10	78530	04:40:18 - 04:41:40	gap at MI
28/04/10	78536	15:19:45 - 15:21:06	gap at MI
28/04/10	78537	16:59:25 - 17:00:49	gap at MI
28/04/10	78537	17:32:02 - 17:33:47	gap at MM
28/04/10	78538	19:11:10 - 19:12:31	gap at MM
28/04/10	78529	03:30:11 - 03:31:54	gap at BE
28/04/10	78535	14:37:30 - 14:40:25	gap at SG
28/04/10	78536	16:16:37 - 16:18:18	gap at SG
28/04/10	78529	03:00:07 - 03:02:20	gap at CM
28/04/10	78536	15:23:40 - 15:24:45	gap at CM

28/04/10	78537	17:01:46 - 17:02:59	gap at CM
29/04/10	78541	00:00:48 - 00:15:19	gap at HO
29/04/10	78541	00:11:51 - 00:23:10	gap at MM
29/04/10	78542	01:42:37 - 01:53:25	gap at HO
29/04/10	78543	03:37:02 - 03:44:04	gap at MM
29/04/10	78543	02:32:56 - 02:34:43	gap at CM
29/04/10	78545	06:42:20 - 06:52:23	gap at JO
29/04/10	78546	08:42:01 - 08:51:26	gap at MM
29/04/10	78546	07:53:51 - 08:05:49	gap at KS
29/04/10	78546	08:03:53 - 08:13:12	gap at MA
29/04/10	78546	08:18:30 - 08:33:31	gap at JO
29/04/10	78547	10:22:16 - 10:33:36	gap at MM
29/04/10	78547	09:33:27 - 09:47:18	gap at KS
29/04/10	78547	10:01:51 - 10:09:44	gap at JO
29/04/10	78548	12:11:28 - 12:25:18	gap at HO
29/04/10	78548	12:02:17 - 12:14:41	gap at MM
29/04/10	78548	11:22:31 - 11:30:54	gap at MA
29/04/10	78549	13:50:40 - 14:04:56	gap at HO
29/04/10	78549	13:42:05 - 13:54:48	gap at MM
29/04/10	78549	14:08:11 - 14:16:52	gap at SG
29/04/10	78550	14:15:30 - 14:28:54	gap at BE
29/04/10	78550	15:21:36 - 15:34:15	gap at MM
29/04/10	78550	14:42:47 - 14:53:37	gap at GS
29/04/10	78551	15:58:50 - 16:05:54	gap at BE
29/04/10	78551	17:00:52 - 17:13:24	gap at MM
29/04/10	78551	16:27:37 - 16:40:33	gap at MI
29/04/10	78551	16:21:39 - 16:35:25	gap at GS
29/04/10	78551	16:30:16 - 16:42:40	gap at CM
29/04/10	78552	18:40:00 - 18:52:36	gap at MM
29/04/10	78552	17:46:40 - 17:59:43	gap at KS
29/04/10	78552	18:02:19 - 18:11:24	gap at GS
29/04/10	78552	19:02:44 - 19:09:46	gap at JO
29/04/10	78553	20:19:19 - 20:32:02	gap at MM
29/04/10	78553	19:21:42 - 19:30:34	gap at MA
29/04/10	78553	19:25:10 - 19:39:08	gap at KS
29/04/10	78553	20:38:34 - 20:53:34	gap at JO
29/04/10	78554	21:54:05 - 22:03:28	gap at HO
29/04/10	78554	22:19:31 - 22:30:01	gap at JO
29/04/10	78555	23:29:43 - 23:44:02	gap at HO
29/04/10	78555	22:42:26 - 22:47:40	gap at MA
29/04/10	78548	11:13:01 - 11:22:43	gap at KS
29/04/10	78549	12:52:16 - 12:53:47	gap at KS
29/04/10	78550	14:31:02 - 14:32:37	gap at KS
29/04/10	78551	16:08:45 - 16:10:20	gap at KS
29/04/10	78554	21:05:25 - 21:06:27	gap at KS
29/04/10	78555	22:47:59 - 22:49:01	gap at KS
29/04/10	78548	11:25:59 - 11:37:00	gap at MS
29/04/10	78549	13:06:41 - 13:08:19	gap at MS

29/04/10	78555	22:35:31 - 22:36:45	gap at MS
29/04/10	78547	09:41:31 - 09:42:37	gap at MA
29/04/10	78554	20:57:07 - 20:58:53	gap at MA
29/04/10	78543	02:29:18 - 02:30:39	gap at MI
29/04/10	78544	04:07:47 - 04:09:53	gap at MI
29/04/10	78544	04:18:00 - 04:20:19	gap at MI
29/04/10	78550	14:49:33 - 14:50:51	gap at MI
29/04/10	78554	21:59:11 - 22:00:34	gap at MM
29/04/10	78543	02:58:52 - 03:00:21	gap at BE
29/04/10	78544	04:39:23 - 04:41:29	gap at BE
29/04/10	78543	03:10:00 - 03:11:37	gap at SG
29/04/10	78543	03:22:13 - 03:23:42	gap at SG
29/04/10	78544	04:51:40 - 04:52:41	gap at SG
29/04/10	78549	14:08:11 - 14:09:20	gap at SG
29/04/10	78550	15:44:44 - 15:46:27	gap at SG
30/04/10	78556	01:09:53 - 01:22:58	gap at HO
30/04/10	78557	03:35:26 - 03:47:17	gap at CM
30/04/10	78559	06:29:36 - 06:36:03	gap at MM
30/04/10	78560	08:10:26 - 08:19:08	gap at MM
30/04/10	78560	07:47:32 - 08:02:11	gap at JO
30/04/10	78561	09:50:47 - 10:01:36	gap at MM
30/04/10	78561	09:28:12 - 09:40:27	gap at JO
30/04/10	78563	13:10:44 - 13:23:26	gap at MM
30/04/10	78564	15:00:05 - 15:09:12	gap at HO
30/04/10	78564	14:12:25 - 14:21:48	gap at GS
30/04/10	78564	15:13:31 - 15:27:18	gap at SG
30/04/10	78565	15:25:19 - 15:36:09	gap at BE
30/04/10	78565	16:29:42 - 16:42:15	gap at MM
30/04/10	78565	15:50:22 - 16:04:18	gap at GS
30/04/10	78565	15:59:18 - 16:11:14	gap at CM
30/04/10	78566	18:08:51 - 18:21:24	gap at MM
30/04/10	78566	17:30:27 - 17:41:48	gap at GS
30/04/10	78566	17:39:57 - 17:48:29	gap at CM
30/04/10	78567	18:53:07 - 18:57:26	gap at MA
30/04/10	78567	20:07:39 - 20:21:58	gap at JO
30/04/10	78568	21:27:43 - 21:40:23	gap at MM
30/04/10	78568	20:25:59 - 20:39:45	gap at MA
30/04/10	78568	21:47:17 - 22:00:30	gap at JO
30/04/10	78569	22:59:14 - 23:12:37	gap at HO
30/04/10	78569	23:08:11 - 23:20:16	gap at MM
30/04/10	78569	22:08:21 - 22:18:10	gap at MA
30/04/10	78560	07:22:36 - 07:23:37	gap at KS
30/04/10	78561	09:02:08 - 09:03:36	gap at KS
30/04/10	78562	10:41:45 - 10:43:18	gap at KS
30/04/10	78563	12:21:08 - 12:22:38	gap at KS
30/04/10	78564	14:00:02 - 14:01:37	gap at KS
30/04/10	78565	15:38:03 - 15:39:43	gap at KS
30/04/10	78566	17:15:52 - 17:17:26	gap at KS

30/04/10	78567	18:54:01 - 18:55:19	gap at KS
30/04/10	78568	20:33:42 - 20:34:42	gap at KS
30/04/10	78569	22:15:27 - 22:16:28	gap at KS
30/04/10	78558	03:41:32 - 03:42:33	gap at GS
30/04/10	78556	00:15:58 - 00:17:12	gap at MS
30/04/10	78562	10:55:03 - 10:56:36	gap at MS
30/04/10	78563	12:34:29 - 12:36:02	gap at MS
30/04/10	78569	22:05:19 - 22:06:20	gap at MS
30/04/10	78570	23:43:39 - 23:44:54	gap at MS
30/04/10	78557	02:00:06 - 02:01:22	gap at MI
30/04/10	78558	03:36:07 - 03:37:37	gap at MI
30/04/10	78565	15:56:15 - 15:57:39	gap at MI
30/04/10	78566	17:38:02 - 17:39:19	gap at MI
30/04/10	78567	19:48:03 - 19:49:10	gap at MM
30/04/10	78557	02:27:47 - 02:29:19	gap at BE
30/04/10	78558	04:07:29 - 04:08:56	gap at BE
30/04/10	78557	02:39:33 - 02:40:58	gap at SG
30/04/10	78557	02:49:48 - 02:51:50	gap at SG
30/04/10	78558	04:18:44 - 04:20:08	gap at SG
30/04/10	78558	04:28:21 - 04:30:52	gap at SG
30/04/10	78565	16:55:47 - 17:00:33	gap at SG
30/04/10	78559	05:16:24 - 05:19:56	gap at CM

Lamp Failures:

Date	Lamp Failure	remark
29/04/10	Lamp Failure (no. 263) Orbit 78543	Lamp Failure occurred during quarterly calibration Start 03:13:44 (no visibility gs) Stop 03:14:00
29/04/10	Lamp Failure (no. 264) Orbit 78543	Lamp Failure occurred during quarterly calibration Start 04:09:53 (no visibility gs) Stop 04:17:04
29/04/10	Lamp Failure (no. 265) Orbit 78544	Lamp Failure occurred during quarterly calibration Start 04:54:34 Stop 05:01:30 (no visibility gs)
29/04/10	Lamp Failure (no. 266) Orbit 78544	Lamp Failure occurred during quarterly calibration Start 05:19:36 (no visibility gs) Stop 05:22:15
29/04/10	Lamp Failure (no. 267) Orbit 78545	Lamp Failure occurred during quarterly calibration Start 05:57:16 (no visibility gs) Stop 05:57:40

cooler switchings: none

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/04/10	78196 - 78209	~12:00 (04/04/10) - ~18:00 (05/04/10)	Narrow Swath Timeline GMNNOT41 executed
14-15/04/10	78337 - 78352	~19:00 (14/04/10) - ~18:00 (15/04/10)	Narrow Swath Timeline GMNNOT41 executed
24-25/04/10	78482 - 78495	~20:30 (24/04/10) - ~18:00 (25/04/10)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution:

Date	Orbit No.	Duration	remark
07/04/10			Removal of Solar Calibration Timeline

Others:

Date	Orbit No.	Duration	remark
01-30/04/10			GOME North Polar View operations
08/04/10	78251	17:39:45	Corrupted products at MI anomalous values for most parameters
28/04/10	78539	Start: 21:47:01 stop after 21:52:15 (no visibility gs)	Calibration lamp instabilities: value jump between ca 177 and 180 V (nominal would be 198 V)
28/04/10	78540	Start before 22:31:38 (no visibility gs) stop: 22:39:54	Calibration lamp instabilities: value jump at ca 175 V (nominal would be 198 V)
28/04/10	78541	Start before 23:07:41 (no visibility gs) stop: 23:15:18	Calibration lamp instabilities: value jump between ca 180 and 197 V (nominal would be 198 V)
28/04/10	78541	Start before 23:21:35 (no visibility gs) stop: 23:27:34	Calibration lamp instabilities: value at ca 197.5 V (nominal would be 198 V)
29/04/10	78542	Start before 00:50:13 (no visibility gs) stop: 00:55:54	Calibration lamp instabilities: jumps between ca 180 and 197 V (nominal would be 198 V)
29/04/10	78542	Start: 01:08:07 stop after 01:08:16 (no visibility gs)	Calibration lamp instabilities: value at ca 200 V (nominal would be 198 V)

29/04/10	78542	Start before 01:54:24 (no visibility gs) stop: 02:01:03	Calibration lamp instabilities: value at ca 175 V (nominal would be 198 V)
29/04/10	78543	Start before 02:30:39 (no visibility gs) stop: 02:36:29	Calibration lamp instabilities: value at ca 179 V (nominal would be 198 V)