

# GOME Operations for November 2010

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

## GOME Operations during November 2010

Date	Operations	remark
01/11/10	data available within visibility of groundstation	start of sun calibration: 12:13:36.013
02/11/10	data available within visibility of groundstation	start of sun calibration: 11:42:08.711
03/11/10	data available within visibility of groundstation	start of sun calibration: 11:10:35.405
04/11/10	data available within visibility of groundstation	start of sun calibration: 10:39:03.835
05/11/10	data available within visibility of groundstation	start of sun calibration: 13:28:43.773
06/11/10	data available within visibility of groundstation	start of sun calibration: 12:57:16.470
07/11/10	data available within visibility of groundstation	start of sun calibration: 12:25:43.165
08/11/10	data available within visibility of groundstation	start of sun calibration: 11:54:09.862
09/11/10	data available within visibility of groundstation	start of sun calibration: 11:22:42.568
10/11/10	data available within visibility of groundstation	start of sun calibration: 10:51:09.281
11/11/10	data available within visibility of groundstation	start of sun calibration: 19:19:35.985
12/11/10	GOME OFF data available within visibility of groundstation	start of sun calibration: 13:09:14
13/11/10	data available within visibility of groundstation	start of sun calibration: 12:37:46
14/11/10	data available within visibility of groundstation	start of sun calibration: 12:06:11
15/11/10	data available within visibility of groundstation	start of sun calibration: 11:34:37.911
16/11/10	data available within visibility of groundstation	start of sun calibration: 11:03:04.640
17/11/10	data available within visibility of groundstation	no solar calibration available due to missing data
18/11/10	data available within visibility of groundstation	start of sun calibration: 13:21:11.338
19/11/10	data available within visibility of groundstation	start of sun calibration: 12:49:44.056
20/11/10	data available within visibility of groundstation	start of sun calibration: 12:18:10.789
21/11/10	data available within visibility of groundstation	start of sun calibration: 11:46:37.512
22/11/10	SEU data available within visibility of groundstation	start of sun calibration: 11:15:03.089
23/11/10	data available within visibility of groundstation	start of sun calibration: 10:43:31.277

24/11/10	data available within visibility of groundstation	start of sun calibration: 13:33:10.023
25/11/10	data available within visibility of groundstation	start of sun calibration: 13:01:35.250
26/11/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
27/11/10	data available within visibility of groundstation	No solar calibration available due to the execution of an ERS2 orbit manoeuvre
28/11/10	data available within visibility of groundstation	start of sun calibration: 11:26:55.437
29/11/10	data available within visibility of groundstation	start of sun calibration: 10:55:22.168
30/11/10	data available within visibility of groundstation	start of sun calibration: 10:23:42.907

## Anomalies:

single event upsets (SEU):

Date	Reason
12/11/10	GOME switched off from 00:34:25 to 09:02:54 due to the occurrence of some anomalous values
22/11/10	GOME anomaly (SEU) starting from 00:45:03, orbit 81505; the anomaly was cured with a power cycle at 08:59:12, orbit 81510; afterwards data were back to normal.

list of datagaps:

Date	Orbit No.	duration	reason
01/11/10	81204	00:55:21 - 01:09:00	gap at HO
01/11/10	81204	01:07:11 - 01:17:34	gap at MM
01/11/10	81204	00:19:08 - 00:22:13	gap at KS
01/11/10	81205	02:13:45 - 02:26:14	gap at BE
01/11/10	81205	01:47:35 - 01:52:38	gap at MI
01/11/10	81206	03:53:06 - 04:05:32	gap at BE
01/11/10	81206	04:32:58 - 04:39:02	gap at MM
01/11/10	81206	03:21:41 - 03:32:48	gap at CM
01/11/10	81206	05:01:21 - 05:11:32	gap at CM
01/11/10	81207	05:04:57 - 05:11:37	gap at MI
01/11/10	81208	07:56:05 - 08:04:25	gap at MM
01/11/10	81208	07:33:39 - 07:47:50	gap at JO
01/11/10	81209	09:36:28 - 09:47:02	gap at MM
01/11/10	81209	09:13:23 - 09:26:43	gap at JO
01/11/10	81210	11:26:47 - 11:38:07	gap at HO
01/11/10	81210	11:16:35 - 11:28:37	gap at MM
01/11/10	81211	13:05:03 - 13:19:53	gap at HO
01/11/10	81211	12:56:29 - 13:09:09	gap at MM
01/11/10	81212	14:45:30 - 14:55:43	gap at HO
01/11/10	81212	14:36:08 - 14:48:51	gap at MM
01/11/10	81212	13:58:56 - 14:06:24	gap at GS
01/11/10	81212	14:59:32 - 15:12:58	gap at SG

01/11/10	81213	15:10:30 - 15:22:18	gap at BE
01/11/10	81213	16:15:31 - 16:28:05	gap at MM
01/11/10	81213	15:36:12 - 15:50:00	gap at GS
01/11/10	81214	17:54:41 - 18:07:14	gap at MM
01/11/10	81214	17:22:58 - 17:32:10	gap at MI
01/11/10	81214	17:16:03 - 17:28:09	gap at GS
01/11/10	81215	19:33:52 - 19:46:33	gap at MM
01/11/10	81215	19:53:44 - 20:07:23	gap at JO
01/11/10	81216	21:13:26 - 21:26:08	gap at MM
01/11/10	81216	20:11:59 - 20:25:42	gap at MA
01/11/10	81216	21:32:49 - 21:46:48	gap at JO
01/11/10	81217	22:45:17 - 22:58:18	gap at HO
01/11/10	81217	22:53:46 - 23:05:59	gap at MM
01/11/10	81208	07:08:26 - 07:17:10	gap at KS
01/11/10	81209	08:47:54 - 08:50:19	gap at KS
01/11/10	81210	10:27:32 - 10:29:59	gap at KS
01/11/10	81211	12:06:58 - 12:09:25	gap at KS
01/11/10	81212	13:45:54 - 13:48:24	gap at KS
01/11/10	81213	15:24:04 - 15:26:50	gap at KS
01/11/10	81214	17:01:47 - 17:04:18	gap at KS
01/11/10	81215	18:39:54 - 18:42:17	gap at KS
01/11/10	81216	20:19:21 - 20:21:21	gap at KS
01/11/10	81217	22:00:46 - 22:03:00	gap at KS
01/11/10	81218	23:45:03 - 23:46:40	gap at KS
01/11/10	81205	01:48:20 - 01:50:02	gap at GS
01/11/10	81206	03:27:03 - 03:28:50	gap at GS
01/11/10	81204	00:01:10 - 00:03:19	gap at MS
01/11/10	81210	10:41:22 - 10:43:53	gap at MS
01/11/10	81211	12:20:09 - 12:22:43	gap at MS
01/11/10	81217	21:51:51 - 21:53:30	gap at MS
01/11/10	81218	23:29:13 - 23:31:56	gap at MS
01/11/10	81209	08:56:50 - 08:57:54	gap at MA
01/11/10	81210	10:35:32 - 10:37:26	gap at MA
01/11/10	81217	21:52:54 - 21:54:45	gap at MA
01/11/10	81206	03:21:56 - 03:24:16	gap at MI
01/11/10	81213	15:42:08 - 15:44:29	gap at MI
01/11/10	81213	15:53:07 - 15:55:22	gap at MI
01/11/10	81205	02:49:53 - 02:50:56	gap at MM
01/11/10	81205	02:26:01 - 02:28:24	gap at SG
01/11/10	81206	04:04:09 - 04:06:33	gap at SG
01/11/10	81212	14:59:32 - 15:03:26	gap at SG
01/11/10	81212	15:05:44 - 15:12:58	gap at SG
01/11/10	81213	16:40:25 - 16:43:12	gap at SG
01/11/10	81213	16:45:57 - 16:50:18	gap at SG
01/11/10	81213	15:45:26 - 15:47:13	gap at CM
01/11/10	81214	17:25:06 - 17:26:57	gap at CM
02/11/10	81218	00:23:24 - 00:38:02	gap at HO
02/11/10	81219	01:43:12 - 01:53:46	gap at BE

02/11/10	81219	02:07:51 - 02:13:39	gap at HO
02/11/10	81220	03:21:37 - 03:34:53	gap at BE
02/11/10	81222	07:24:26 - 07:32:02	gap at MM
02/11/10	81222	07:03:36 - 07:15:57	gap at JO
02/11/10	81223	08:41:22 - 08:56:05	gap at JO
02/11/10	81225	12:25:07 - 12:37:39	gap at MM
02/11/10	81225	11:45:54 - 11:52:02	gap at MA
02/11/10	81226	14:13:43 - 14:26:38	gap at HO
02/11/10	81226	14:29:21 - 14:40:54	gap at SG
02/11/10	81227	14:38:27 - 14:51:30	gap at BE
02/11/10	81227	15:44:19 - 15:56:55	gap at MM
02/11/10	81227	15:11:26 - 15:23:29	gap at MI
02/11/10	81227	15:05:11 - 15:18:13	gap at GS
02/11/10	81227	16:07:51 - 16:20:36	gap at SG
02/11/10	81227	15:15:43 - 15:23:48	gap at CM
02/11/10	81228	16:44:30 - 16:57:46	gap at GS
02/11/10	81228	16:53:07 - 17:05:05	gap at CM
02/11/10	81229	19:23:40 - 19:34:38	gap at JO
02/11/10	81230	19:41:33 - 19:53:48	gap at MA
02/11/10	81230	21:01:17 - 21:16:12	gap at JO
02/11/10	81231	22:15:19 - 22:26:43	gap at HO
02/11/10	81231	22:43:41 - 22:50:33	gap at JO
02/11/10	81232	23:52:19 - 00:06:48	gap at HO
02/11/10	81222	06:37:19 - 06:39:05	gap at KS
02/11/10	81223	08:16:36 - 08:19:01	gap at KS
02/11/10	81224	09:56:14 - 09:59:56	gap at KS
02/11/10	81225	11:35:45 - 11:38:16	gap at KS
02/11/10	81226	13:14:53 - 13:17:18	gap at KS
02/11/10	81227	14:53:31 - 14:56:02	gap at KS
02/11/10	81228	16:31:09 - 16:33:42	gap at KS
02/11/10	81229	18:08:58 - 18:11:36	gap at KS
02/11/10	81230	19:47:55 - 19:50:01	gap at KS
02/11/10	81231	21:28:38 - 21:30:36	gap at KS
02/11/10	81232	23:11:51 - 23:13:32	gap at KS
02/11/10	81219	01:18:14 - 01:20:06	gap at GS
02/11/10	81220	02:55:33 - 02:57:20	gap at GS
02/11/10	81221	04:37:46 - 04:39:36	gap at GS
02/11/10	81224	10:11:18 - 10:13:50	gap at MS
02/11/10	81225	11:48:38 - 11:51:10	gap at MS
02/11/10	81232	22:57:55 - 22:59:56	gap at MS
02/11/10	81223	08:25:36 - 08:27:22	gap at MA
02/11/10	81224	10:04:17 - 10:06:09	gap at MA
02/11/10	81231	21:20:18 - 21:22:52	gap at MA
02/11/10	81220	02:51:12 - 02:53:29	gap at MI
02/11/10	81221	04:31:19 - 04:33:39	gap at MI
02/11/10	81228	16:50:41 - 16:53:00	gap at MI
02/11/10	81218	00:35:07 - 00:36:31	gap at MM
02/11/10	81219	02:17:31 - 02:18:41	gap at MM

02/11/10	81223	09:04:57 - 09:08:55	gap at MM
02/11/10	81223	09:12:52 - 09:14:53	gap at MM
02/11/10	81224	10:45:09 - 10:46:36	gap at MM
02/11/10	81226	14:04:51 - 14:06:48	gap at MM
02/11/10	81226	14:10:23 - 14:17:35	gap at MM
02/11/10	81228	17:23:32 - 17:26:03	gap at MM
02/11/10	81229	19:02:40 - 19:04:53	gap at MM
02/11/10	81230	20:42:04 - 20:43:57	gap at MM
02/11/10	81231	22:22:08 - 22:24:02	gap at MM
02/11/10	81220	03:32:34 - 03:43:25	gap at SG
02/11/10	81220	02:52:14 - 02:53:23	gap at CM
03/11/10	81232	23:52:19 - 00:06:48	gap at HO
03/11/10	81232	00:03:09 - 00:14:35	gap at MM
03/11/10	81233	01:33:31 - 01:45:08	gap at HO
03/11/10	81233	01:45:14 - 01:54:49	gap at MM
03/11/10	81233	00:48:42 - 00:57:26	gap at GS
03/11/10	81234	02:50:22 - 03:03:44	gap at BE
03/11/10	81234	02:21:12 - 02:31:51	gap at MI
03/11/10	81234	03:57:48 - 04:10:11	gap at CM
03/11/10	81235	04:30:39 - 04:41:02	gap at BE
03/11/10	81236	06:52:44 - 06:59:37	gap at MM
03/11/10	81236	06:06:28 - 06:12:13	gap at KS
03/11/10	81236	05:42:08 - 05:44:49	gap at CM
03/11/10	81236	06:34:33 - 06:43:24	gap at JO
03/11/10	81237	07:55:59 - 08:01:45	gap at MA
03/11/10	81237	08:10:00 - 08:25:00	gap at JO
03/11/10	81238	10:13:41 - 10:24:53	gap at MM
03/11/10	81238	09:52:27 - 10:01:56	gap at JO
03/11/10	81239	12:03:02 - 12:16:30	gap at HO
03/11/10	81240	13:42:05 - 13:56:32	gap at HO
03/11/10	81240	14:00:35 - 14:07:31	gap at SG
03/11/10	81241	14:06:58 - 14:20:23	gap at BE
03/11/10	81241	15:23:29 - 15:30:49	gap at HO
03/11/10	81241	14:34:26 - 14:45:24	gap at GS
03/11/10	81242	15:49:31 - 15:57:56	gap at BE
03/11/10	81242	16:13:07 - 16:26:58	gap at GS
03/11/10	81243	18:31:30 - 18:44:05	gap at MM
03/11/10	81243	17:53:35 - 18:03:24	gap at GS
03/11/10	81244	19:13:16 - 19:21:17	gap at MA
03/11/10	81244	20:30:06 - 20:45:01	gap at JO
03/11/10	81245	21:46:15 - 21:54:40	gap at HO
03/11/10	81245	20:48:34 - 21:02:17	gap at MA
03/11/10	81245	22:10:39 - 22:22:04	gap at JO
03/11/10	81246	23:21:18 - 23:35:29	gap at HO
03/11/10	81237	07:45:19 - 07:47:22	gap at KS
03/11/10	81238	09:24:55 - 09:27:22	gap at KS
03/11/10	81239	11:04:30 - 11:06:59	gap at KS
03/11/10	81240	12:43:47 - 12:46:15	gap at KS

03/11/10	81241	14:22:36 - 14:25:08	gap at KS
03/11/10	81242	16:00:23 - 16:02:58	gap at KS
03/11/10	81243	17:38:18 - 17:40:49	gap at KS
03/11/10	81244	19:16:39 - 19:18:54	gap at KS
03/11/10	81245	20:56:45 - 20:58:42	gap at KS
03/11/10	81246	22:39:04 - 22:41:15	gap at KS
03/11/10	81234	02:25:50 - 02:28:35	gap at GS
03/11/10	81235	04:04:57 - 04:06:53	gap at GS
03/11/10	81233	00:40:14 - 00:41:58	gap at MS
03/11/10	81239	11:17:31 - 11:20:05	gap at MS
03/11/10	81240	12:57:51 - 13:00:18	gap at MS
03/11/10	81246	22:27:13 - 22:29:11	gap at MS
03/11/10	81238	09:33:01 - 09:35:01	gap at MA
03/11/10	81235	03:59:05 - 04:02:10	gap at MI
03/11/10	81241	14:41:30 - 14:43:44	gap at MI
03/11/10	81242	16:19:01 - 16:21:20	gap at MI
03/11/10	81239	11:53:43 - 11:55:35	gap at MM
03/11/10	81240	13:33:32 - 13:34:58	gap at MM
03/11/10	81241	15:13:05 - 15:14:30	gap at MM
03/11/10	81242	16:52:22 - 16:54:06	gap at MM
03/11/10	81244	20:10:47 - 20:12:46	gap at MM
03/11/10	81245	21:50:36 - 21:53:07	gap at MM
03/11/10	81246	23:31:17 - 23:33:12	gap at MM
03/11/10	81234	03:01:37 - 03:04:08	gap at SG
03/11/10	81234	03:08:27 - 03:15:05	gap at SG
03/11/10	81235	04:42:31 - 04:44:21	gap at SG
03/11/10	81240	14:00:35 - 14:02:07	gap at SG
03/11/10	81242	16:21:46 - 16:23:08	gap at CM
04/11/10	81247	01:01:10 - 01:14:35	gap at HO
04/11/10	81247	01:13:02 - 01:23:17	gap at MM
04/11/10	81247	00:25:42 - 00:27:23	gap at KS
04/11/10	81248	02:19:21 - 02:32:03	gap at BE
04/11/10	81248	01:52:29 - 01:58:54	gap at MI
04/11/10	81249	03:58:51 - 04:11:03	gap at BE
04/11/10	81250	06:20:55 - 06:27:13	gap at MM
04/11/10	81251	08:01:49 - 08:10:18	gap at MM
04/11/10	81251	07:39:11 - 07:53:35	gap at JO
04/11/10	81252	09:42:12 - 09:52:52	gap at MM
04/11/10	81252	09:19:17 - 09:32:14	gap at JO
04/11/10	81253	11:22:18 - 11:34:23	gap at MM
04/11/10	81254	13:02:11 - 13:14:52	gap at MM
04/11/10	81255	14:51:19 - 15:01:02	gap at HO
04/11/10	81255	14:41:50 - 14:54:32	gap at MM
04/11/10	81255	14:04:17 - 14:12:37	gap at GS
04/11/10	81255	15:05:07 - 15:18:43	gap at SG
04/11/10	81256	15:16:24 - 15:27:51	gap at BE
04/11/10	81256	16:21:11 - 16:33:45	gap at MM
04/11/10	81256	15:41:52 - 15:55:44	gap at GS

04/11/10	81257	18:00:21 - 18:12:54	gap at MM
04/11/10	81257	17:21:48 - 17:33:37	gap at GS
04/11/10	81258	19:39:32 - 19:52:14	gap at MM
04/11/10	81258	18:44:46 - 18:48:51	gap at MA
04/11/10	81258	19:59:17 - 20:13:14	gap at JO
04/11/10	81259	20:17:34 - 20:31:22	gap at MA
04/11/10	81259	21:38:36 - 21:52:18	gap at JO
04/11/10	81260	22:50:51 - 23:04:01	gap at HO
04/11/10	81260	22:59:32 - 23:11:42	gap at MM
04/11/10	81251	07:14:06 - 07:16:03	gap at KS
04/11/10	81252	08:53:36 - 08:56:02	gap at KS
04/11/10	81253	10:33:13 - 10:35:42	gap at KS
04/11/10	81254	12:12:38 - 12:15:05	gap at KS
04/11/10	81255	13:51:32 - 13:54:05	gap at KS
04/11/10	81256	15:29:40 - 15:32:08	gap at KS
04/11/10	81257	17:07:22 - 17:09:55	gap at KS
04/11/10	81258	18:45:33 - 18:47:56	gap at KS
04/11/10	81259	20:25:05 - 20:27:04	gap at KS
04/11/10	81260	22:06:38 - 22:08:41	gap at KS
04/11/10	81261	23:51:09 - 23:53:23	gap at KS
04/11/10	81248	01:53:51 - 01:55:40	gap at GS
04/11/10	81249	03:32:50 - 03:34:38	gap at GS
04/11/10	81247	00:07:04 - 00:09:14	gap at MS
04/11/10	81253	10:46:51 - 10:49:23	gap at MS
04/11/10	81254	12:25:52 - 12:28:27	gap at MS
04/11/10	81260	21:57:13 - 21:59:08	gap at MS
04/11/10	81261	23:34:58 - 23:37:13	gap at MS
04/11/10	81253	10:41:16 - 10:43:11	gap at MA
04/11/10	81260	21:58:48 - 22:00:38	gap at MA
04/11/10	81249	03:27:35 - 03:31:24	gap at MI
04/11/10	81250	05:11:27 - 05:13:27	gap at MI
04/11/10	81256	15:47:46 - 15:50:07	gap at MI
04/11/10	81257	17:28:57 - 17:31:10	gap at MI
04/11/10	81248	02:55:46 - 02:56:48	gap at MM
04/11/10	81259	21:19:09 - 21:21:15	gap at MM
04/11/10	81248	02:31:24 - 02:33:30	gap at SG
04/11/10	81249	04:09:58 - 04:12:16	gap at SG
04/11/10	81255	15:05:07 - 15:09:14	gap at SG
04/11/10	81256	16:46:30 - 16:49:03	gap at SG
04/11/10	81249	03:27:10 - 03:28:38	gap at CM
04/11/10	81256	15:50:58 - 15:52:32	gap at CM
04/11/10	81257	17:31:01 - 17:32:36	gap at CM
05/11/10	81261	00:29:05 - 00:43:42	gap at HO
05/11/10	81261	00:40:56 - 00:51:47	gap at MM
05/11/10	81262	01:48:43 - 01:59:44	gap at BE
05/11/10	81263	03:27:20 - 03:40:30	gap at BE
05/11/10	81263	04:06:29 - 04:12:57	gap at MM
05/11/10	81263	02:56:44 - 03:09:34	gap at MI

05/11/10	81265	07:30:12 - 07:37:55	gap at MM
05/11/10	81265	07:09:01 - 07:21:47	gap at JO
05/11/10	81266	09:10:41 - 09:20:44	gap at MM
05/11/10	81266	08:47:08 - 09:01:41	gap at JO
05/11/10	81268	11:51:59 - 11:57:05	gap at MA
05/11/10	81269	14:19:29 - 14:32:10	gap at HO
05/11/10	81269	14:34:46 - 14:46:48	gap at SG
05/11/10	81270	14:44:14 - 14:57:07	gap at BE
05/11/10	81270	15:16:58 - 15:29:21	gap at MI
05/11/10	81270	15:10:48 - 15:24:02	gap at GS
05/11/10	81271	17:29:12 - 17:41:43	gap at MM
05/11/10	81271	16:50:14 - 17:03:20	gap at GS
05/11/10	81272	19:29:04 - 19:40:41	gap at JO
05/11/10	81273	19:47:03 - 19:59:41	gap at MA
05/11/10	81273	21:07:00 - 21:21:48	gap at JO
05/11/10	81274	22:20:43 - 22:32:30	gap at HO
05/11/10	81275	23:57:58 - 00:12:29	gap at HO
05/11/10	81261	23:51:09 - 23:53:23	gap at KS
05/11/10	81265	06:42:58 - 06:44:45	gap at KS
05/11/10	81266	08:22:18 - 08:24:43	gap at KS
05/11/10	81267	10:01:55 - 10:04:24	gap at KS
05/11/10	81268	11:41:26 - 11:43:58	gap at KS
05/11/10	81269	13:20:31 - 13:22:58	gap at KS
05/11/10	81270	14:59:05 - 15:01:38	gap at KS
05/11/10	81271	16:36:42 - 16:39:19	gap at KS
05/11/10	81272	18:14:35 - 18:17:02	gap at KS
05/11/10	81273	19:53:37 - 19:56:01	gap at KS
05/11/10	81274	21:34:27 - 21:36:52	gap at KS
05/11/10	81275	23:17:51 - 23:20:09	gap at KS
05/11/10	81262	01:23:40 - 01:25:34	gap at GS
05/11/10	81263	03:01:15 - 03:03:09	gap at GS
05/11/10	81264	04:43:51 - 04:45:39	gap at GS
05/11/10	81267	10:16:43 - 10:19:17	gap at MS
05/11/10	81268	11:54:16 - 11:56:53	gap at MS
05/11/10	81275	23:03:33 - 23:05:51	gap at MS
05/11/10	81266	08:31:07 - 08:32:53	gap at MA
05/11/10	81267	10:09:59 - 10:11:20	gap at MA
05/11/10	81274	21:26:04 - 21:28:37	gap at MA
05/11/10	81264	04:37:18 - 04:39:33	gap at MI
05/11/10	81271	16:56:30 - 16:58:51	gap at MI
05/11/10	81262	02:23:24 - 02:24:33	gap at MM
05/11/10	81267	10:50:52 - 10:52:17	gap at MM
05/11/10	81268	12:30:49 - 12:32:20	gap at MM
05/11/10	81269	14:10:32 - 14:11:47	gap at MM
05/11/10	81269	14:17:17 - 14:23:16	gap at MM
05/11/10	81270	15:49:59 - 15:51:28	gap at MM
05/11/10	81272	19:08:20 - 19:10:33	gap at MM
05/11/10	81273	20:47:46 - 20:49:38	gap at MM



05/11/10	81274	22:27:52 - 22:29:45	gap at MM
05/11/10	81262	02:02:34 - 02:04:15	gap at SG
05/11/10	81263	03:38:16 - 03:40:46	gap at SG
05/11/10	81269	14:34:46 - 14:38:12	gap at SG
05/11/10	81269	14:42:03 - 14:46:48	gap at SG
05/11/10	81270	16:13:41 - 16:16:25	gap at SG
05/11/10	81270	16:19:52 - 16:26:05	gap at SG
05/11/10	81263	02:57:28 - 02:58:44	gap at CM
05/11/10	81270	15:21:00 - 15:22:12	gap at CM
05/11/10	81271	16:58:53 - 17:00:19	gap at CM
06/11/10	81275	23:57:58 - 00:12:29	gap at HO
06/11/10	81275	00:08:57 - 00:20:18	gap at MM
06/11/10	81276	01:39:30 - 01:50:39	gap at HO
06/11/10	81276	01:51:06 - 02:00:33	gap at MM
06/11/10	81277	02:56:02 - 03:09:26	gap at BE
06/11/10	81277	03:34:05 - 03:41:11	gap at MM
06/11/10	81278	04:36:28 - 04:46:25	gap at BE
06/11/10	81279	06:39:43 - 06:49:24	gap at JO
06/11/10	81280	08:01:42 - 08:10:09	gap at MA
06/11/10	81280	08:15:39 - 08:30:41	gap at JO
06/11/10	81281	10:19:24 - 10:30:42	gap at MM
06/11/10	81282	11:19:35 - 11:28:08	gap at MA
06/11/10	81283	14:05:37 - 14:13:47	gap at SG
06/11/10	81284	14:12:39 - 14:26:04	gap at BE
06/11/10	81284	14:40:00 - 14:50:53	gap at GS
06/11/10	81285	15:55:42 - 16:03:16	gap at BE
06/11/10	81285	16:18:48 - 16:32:36	gap at GS
06/11/10	81286	17:59:24 - 18:08:44	gap at GS
06/11/10	81286	19:00:16 - 19:06:30	gap at JO
06/11/10	81287	19:19:03 - 19:27:39	gap at MA
06/11/10	81287	20:35:44 - 20:50:43	gap at JO
06/11/10	81288	21:51:29 - 22:00:32	gap at HO
06/11/10	81288	22:16:33 - 22:27:23	gap at JO
06/11/10	81289	23:26:55 - 23:41:11	gap at HO
06/11/10	81289	22:39:11 - 22:45:05	gap at MA
06/11/10	81279	06:12:03 - 06:13:18	gap at KS
06/11/10	81280	07:51:01 - 07:53:29	gap at KS
06/11/10	81281	09:30:36 - 09:33:03	gap at KS
06/11/10	81282	11:10:11 - 11:12:41	gap at KS
06/11/10	81283	12:49:27 - 12:51:55	gap at KS
06/11/10	81284	14:28:14 - 14:30:45	gap at KS
06/11/10	81285	16:05:58 - 16:08:29	gap at KS
06/11/10	81286	17:43:53 - 17:46:25	gap at KS
06/11/10	81287	19:22:19 - 19:24:20	gap at KS
06/11/10	81288	21:02:32 - 21:04:40	gap at KS
06/11/10	81289	22:45:00 - 22:47:15	gap at KS
06/11/10	81276	00:54:01 - 00:55:34	gap at GS
06/11/10	81277	02:30:09 - 02:31:57	gap at GS

06/11/10	81278	04:10:51 - 04:12:50	gap at GS
06/11/10	81276	00:46:29 - 00:48:02	gap at MS
06/11/10	81282	11:23:09 - 11:25:45	gap at MS
06/11/10	81283	13:03:45 - 13:06:22	gap at MS
06/11/10	81289	22:32:45 - 22:34:51	gap at MS
06/11/10	81281	09:38:41 - 09:40:01	gap at MA
06/11/10	81288	20:54:15 - 20:57:04	gap at MA
06/11/10	81277	02:26:35 - 02:28:54	gap at MI
06/11/10	81278	04:04:52 - 04:07:56	gap at MI
06/11/10	81284	14:46:51 - 14:49:06	gap at MI
06/11/10	81285	16:24:45 - 16:26:53	gap at MI
06/11/10	81282	11:59:26 - 12:01:19	gap at MM
06/11/10	81283	13:39:14 - 13:40:42	gap at MM
06/11/10	81284	15:18:46 - 15:20:15	gap at MM
06/11/10	81285	16:58:02 - 16:59:52	gap at MM
06/11/10	81286	18:37:10 - 18:39:29	gap at MM
06/11/10	81287	20:16:28 - 20:18:29	gap at MM
06/11/10	81288	21:56:19 - 21:58:43	gap at MM
06/11/10	81289	23:37:04 - 23:39:00	gap at MM
06/11/10	81277	03:07:12 - 03:16:41	gap at SG
06/11/10	81278	04:48:36 - 04:51:37	gap at SG
06/11/10	81283	14:05:37 - 14:07:57	gap at SG
06/11/10	81284	15:41:52 - 15:44:29	gap at SG
06/11/10	81285	16:27:25 - 16:28:53	gap at CM
07/11/10	81290	01:06:59 - 01:20:11	gap at HO
07/11/10	81291	02:24:58 - 02:37:52	gap at BE
07/11/10	81291	01:59:24 - 02:12:28	gap at GS
07/11/10	81291	02:36:50 - 02:48:54	gap at SG
07/11/10	81291	03:32:40 - 03:44:24	gap at CM
07/11/10	81292	04:04:36 - 04:16:33	gap at BE
07/11/10	81292	03:38:38 - 03:51:54	gap at GS
07/11/10	81294	07:44:45 - 07:59:20	gap at JO
07/11/10	81295	09:47:55 - 09:58:41	gap at MM
07/11/10	81295	09:25:13 - 09:37:43	gap at JO
07/11/10	81296	11:28:01 - 11:40:09	gap at MM
07/11/10	81297	13:07:53 - 13:20:34	gap at MM
07/11/10	81298	14:57:09 - 15:06:27	gap at HO
07/11/10	81298	14:47:31 - 15:00:12	gap at MM
07/11/10	81298	14:09:41 - 14:18:45	gap at GS
07/11/10	81298	15:10:43 - 15:24:27	gap at SG
07/11/10	81299	15:22:20 - 15:33:23	gap at BE
07/11/10	81299	15:47:32 - 16:01:27	gap at GS
07/11/10	81300	18:06:01 - 18:18:34	gap at MM
07/11/10	81300	17:27:34 - 17:39:04	gap at GS
07/11/10	81301	19:45:13 - 19:57:55	gap at MM
07/11/10	81301	18:50:20 - 18:54:34	gap at MA
07/11/10	81301	20:04:51 - 20:19:04	gap at JO
07/11/10	81302	21:24:51 - 21:37:32	gap at MM

07/11/10	81302	20:23:10 - 20:36:57	gap at MA
07/11/10	81302	21:44:23 - 21:57:46	gap at JO
07/11/10	81303	22:56:27 - 23:09:45	gap at HO
07/11/10	81294	07:19:46 - 07:21:47	gap at KS
07/11/10	81295	08:59:17 - 09:01:44	gap at KS
07/11/10	81296	10:38:54 - 10:41:24	gap at KS
07/11/10	81297	12:18:18 - 12:20:47	gap at KS
07/11/10	81298	13:57:12 - 13:59:45	gap at KS
07/11/10	81299	15:35:15 - 15:37:54	gap at KS
07/11/10	81300	17:13:03 - 17:15:37	gap at KS
07/11/10	81301	18:51:11 - 18:53:33	gap at KS
07/11/10	81302	20:30:50 - 20:32:47	gap at KS
07/11/10	81303	22:12:30 - 22:14:39	gap at KS
07/11/10	81304	23:57:17 - 23:59:30	gap at KS
07/11/10	81290	00:12:59 - 00:15:17	gap at MS
07/11/10	81296	10:52:20 - 10:54:53	gap at MS
07/11/10	81297	12:31:36 - 12:34:11	gap at MS
07/11/10	81303	22:02:36 - 22:04:34	gap at MS
07/11/10	81304	23:40:45 - 23:42:59	gap at MS
07/11/10	81295	09:07:51 - 09:08:59	gap at MA
07/11/10	81296	10:47:02 - 10:48:30	gap at MA
07/11/10	81303	22:05:21 - 22:06:37	gap at MA
07/11/10	81291	01:57:32 - 01:59:43	gap at MI
07/11/10	81292	03:33:16 - 03:36:15	gap at MI
07/11/10	81293	05:18:28 - 05:20:06	gap at MI
07/11/10	81298	14:19:11 - 14:20:46	gap at MI
07/11/10	81299	15:53:25 - 15:55:47	gap at MI
07/11/10	81300	17:34:59 - 17:37:13	gap at MI
07/11/10	81290	01:18:53 - 01:20:12	gap at MM
07/11/10	81291	03:01:40 - 03:02:41	gap at MM
07/11/10	81294	08:07:34 - 08:11:56	gap at MM
07/11/10	81299	16:26:52 - 16:28:32	gap at MM
07/11/10	81303	23:05:17 - 23:06:54	gap at MM
07/11/10	81298	15:10:43 - 15:12:57	gap at SG
07/11/10	81299	16:52:40 - 16:55:19	gap at SG
07/11/10	81292	05:13:22 - 05:14:33	gap at CM
07/11/10	81299	15:56:31 - 15:58:02	gap at CM
07/11/10	81300	17:36:57 - 17:38:07	gap at CM
08/11/10	81304	00:34:57 - 00:49:22	gap at HO
08/11/10	81304	00:46:46 - 00:57:31	gap at MM
08/11/10	81305	01:54:15 - 02:05:40	gap at BE
08/11/10	81305	01:29:07 - 01:40:53	gap at GS
08/11/10	81306	03:33:02 - 03:46:05	gap at BE
08/11/10	81306	04:12:22 - 04:18:44	gap at MM
08/11/10	81306	03:06:58 - 03:20:50	gap at GS
08/11/10	81306	03:02:46 - 03:12:16	gap at CM
08/11/10	81306	04:40:45 - 04:52:20	gap at CM
08/11/10	81307	05:54:49 - 06:00:46	gap at MM

08/11/10	81308	07:35:57 - 07:43:49	gap at MM
08/11/10	81308	07:14:27 - 07:27:36	gap at JO
08/11/10	81309	09:16:25 - 09:26:35	gap at MM
08/11/10	81309	08:52:56 - 09:07:17	gap at JO
08/11/10	81311	12:36:32 - 12:49:07	gap at MM
08/11/10	81312	14:25:15 - 14:37:34	gap at HO
08/11/10	81312	14:40:14 - 14:52:39	gap at SG
08/11/10	81313	14:50:02 - 15:02:44	gap at BE
08/11/10	81313	15:55:40 - 16:08:15	gap at MM
08/11/10	81313	15:16:26 - 15:29:50	gap at GS
08/11/10	81314	16:55:57 - 17:08:52	gap at GS
08/11/10	81315	19:34:30 - 19:46:40	gap at JO
08/11/10	81316	19:52:34 - 20:05:33	gap at MA
08/11/10	81316	21:12:43 - 21:27:24	gap at JO
08/11/10	81317	22:26:09 - 22:38:14	gap at HO
08/11/10	81317	22:33:37 - 22:46:00	gap at MM
08/11/10	81317	21:31:52 - 21:44:50	gap at MA
08/11/10	81304	23:57:17 - 23:59:30	gap at KS
08/11/10	81308	06:48:37 - 06:50:19	gap at KS
08/11/10	81309	08:27:59 - 08:30:26	gap at KS
08/11/10	81310	10:07:37 - 10:10:06	gap at KS
08/11/10	81311	11:47:06 - 11:49:39	gap at KS
08/11/10	81312	13:26:10 - 13:28:37	gap at KS
08/11/10	81313	15:04:40 - 15:07:14	gap at KS
08/11/10	81314	16:42:16 - 16:44:50	gap at KS
08/11/10	81315	18:20:12 - 18:22:43	gap at KS
08/11/10	81316	19:59:19 - 20:01:24	gap at KS
08/11/10	81317	21:40:17 - 21:42:22	gap at KS
08/11/10	81318	23:23:52 - 23:26:14	gap at KS
08/11/10	81310	10:22:09 - 10:24:43	gap at MS
08/11/10	81311	12:00:02 - 12:02:33	gap at MS
08/11/10	81318	23:09:13 - 23:11:32	gap at MS
08/11/10	81309	08:36:49 - 08:43:53	gap at MA
08/11/10	81310	10:15:42 - 10:19:48	gap at MA
08/11/10	81310	10:26:52 - 10:28:11	gap at MA
08/11/10	81306	03:02:18 - 03:04:41	gap at MI
08/11/10	81307	04:43:19 - 04:45:34	gap at MI
08/11/10	81313	15:22:32 - 15:24:53	gap at MI
08/11/10	81314	17:02:20 - 17:04:40	gap at MI
08/11/10	81305	02:29:17 - 02:30:28	gap at MM
08/11/10	81310	10:56:35 - 10:57:57	gap at MM
08/11/10	81312	14:16:14 - 14:18:01	gap at MM
08/11/10	81312	14:23:39 - 14:28:57	gap at MM
08/11/10	81314	17:34:52 - 17:37:34	gap at MM
08/11/10	81315	19:14:01 - 19:16:18	gap at MM
08/11/10	81316	20:53:28 - 20:55:19	gap at MM
08/11/10	81305	02:07:37 - 02:09:34	gap at SG
08/11/10	81306	03:43:59 - 03:46:02	gap at SG

08/11/10	81312	14:40:14 - 14:44:25	gap at SG
08/11/10	81313	15:26:21 - 15:27:36	gap at CM
08/11/10	81314	17:04:40 - 17:06:10	gap at CM
09/11/10	81318	00:03:36 - 00:18:10	gap at HO
09/11/10	81319	01:45:47 - 01:56:09	gap at HO
09/11/10	81319	00:59:22 - 01:09:05	gap at GS
09/11/10	81320	03:01:42 - 03:15:07	gap at BE
09/11/10	81320	03:39:58 - 03:46:57	gap at MM
09/11/10	81320	02:35:44 - 02:49:35	gap at GS
09/11/10	81321	04:42:19 - 04:51:45	gap at BE
09/11/10	81321	04:10:42 - 04:23:06	gap at MI
09/11/10	81321	04:16:47 - 04:28:17	gap at GS
09/11/10	81322	07:04:16 - 07:11:24	gap at MM
09/11/10	81322	06:44:57 - 06:55:21	gap at JO
09/11/10	81323	08:06:33 - 08:16:14	gap at MA
09/11/10	81323	08:21:20 - 08:36:21	gap at JO
09/11/10	81324	10:05:02 - 10:12:16	gap at JO
09/11/10	81325	11:25:28 - 11:33:40	gap at MA
09/11/10	81326	14:10:46 - 14:19:55	gap at SG
09/11/10	81327	14:18:21 - 14:31:44	gap at BE
09/11/10	81327	14:45:34 - 14:56:23	gap at GS
09/11/10	81328	16:02:00 - 16:08:31	gap at BE
09/11/10	81328	16:24:31 - 16:38:13	gap at GS
09/11/10	81329	18:05:14 - 18:14:04	gap at GS
09/11/10	81329	19:05:16 - 19:12:58	gap at JO
09/11/10	81330	20:22:09 - 20:34:53	gap at MM
09/11/10	81330	19:24:22 - 19:33:29	gap at MA
09/11/10	81330	20:41:24 - 20:56:25	gap at JO
09/11/10	81331	21:56:39 - 22:06:24	gap at HO
09/11/10	81331	22:02:03 - 22:14:36	gap at MM
09/11/10	81331	22:22:29 - 22:32:38	gap at JO
09/11/10	81332	23:32:31 - 23:46:53	gap at HO
09/11/10	81332	23:42:51 - 23:54:34	gap at MM
09/11/10	81332	22:45:40 - 22:50:13	gap at MA
09/11/10	81322	06:17:38 - 06:19:00	gap at KS
09/11/10	81323	07:56:42 - 07:59:08	gap at KS
09/11/10	81324	09:36:18 - 09:38:47	gap at KS
09/11/10	81325	11:15:52 - 11:18:23	gap at KS
09/11/10	81326	12:55:06 - 12:57:35	gap at KS
09/11/10	81327	14:33:51 - 14:36:24	gap at KS
09/11/10	81328	16:11:32 - 16:14:11	gap at KS
09/11/10	81329	17:49:27 - 17:52:08	gap at KS
09/11/10	81330	19:28:00 - 19:30:09	gap at KS
09/11/10	81331	21:08:19 - 21:10:23	gap at KS
09/11/10	81332	22:50:57 - 22:53:13	gap at KS
09/11/10	81325	11:28:48 - 11:31:24	gap at MS
09/11/10	81326	13:09:38 - 13:12:08	gap at MS
09/11/10	81332	22:38:18 - 22:40:19	gap at MS

09/11/10	81324	09:44:21 - 09:46:38	gap at MA
09/11/10	81331	21:00:04 - 21:02:40	gap at MA
09/11/10	81320	02:32:00 - 02:34:21	gap at MI
09/11/10	81327	14:52:15 - 14:54:33	gap at MI
09/11/10	81328	16:30:29 - 16:32:53	gap at MI
09/11/10	81318	00:14:45 - 00:16:12	gap at MM
09/11/10	81319	01:56:58 - 01:58:16	gap at MM
09/11/10	81323	08:44:53 - 08:46:11	gap at MM
09/11/10	81324	10:25:08 - 10:26:39	gap at MM
09/11/10	81325	12:05:08 - 12:06:59	gap at MM
09/11/10	81326	13:44:55 - 13:46:26	gap at MM
09/11/10	81327	15:24:27 - 15:26:00	gap at MM
09/11/10	81328	17:03:42 - 17:05:46	gap at MM
09/11/10	81329	18:42:50 - 18:45:07	gap at MM
09/11/10	81320	03:12:48 - 03:15:09	gap at SG
09/11/10	81321	04:54:46 - 04:57:02	gap at SG
09/11/10	81326	14:10:46 - 14:12:28	gap at SG
09/11/10	81327	15:47:36 - 15:50:15	gap at SG
09/11/10	81327	15:56:44 - 16:01:12	gap at SG
09/11/10	81328	16:33:06 - 16:34:23	gap at CM
10/11/10	81333	01:12:47 - 01:25:45	gap at HO
10/11/10	81334	02:30:36 - 02:43:38	gap at BE
10/11/10	81334	02:04:57 - 02:18:11	gap at GS
10/11/10	81334	03:38:13 - 03:50:10	gap at CM
10/11/10	81335	04:10:23 - 04:22:02	gap at BE
10/11/10	81335	04:50:34 - 04:56:28	gap at MM
10/11/10	81335	03:44:27 - 03:57:32	gap at GS
10/11/10	81337	07:50:19 - 08:05:03	gap at JO
10/11/10	81338	09:31:11 - 09:43:10	gap at JO
10/11/10	81340	13:13:35 - 13:26:17	gap at MM
10/11/10	81341	15:03:00 - 15:11:56	gap at HO
10/11/10	81341	14:53:12 - 15:05:53	gap at MM
10/11/10	81341	14:15:08 - 14:24:51	gap at GS
10/11/10	81341	15:16:20 - 15:30:09	gap at SG
10/11/10	81342	15:28:18 - 15:38:54	gap at BE
10/11/10	81342	15:53:13 - 16:07:08	gap at GS
10/11/10	81342	16:58:57 - 17:05:41	gap at SG
10/11/10	81343	17:41:07 - 17:47:37	gap at MI
10/11/10	81343	17:33:20 - 17:44:31	gap at GS
10/11/10	81344	19:50:54 - 20:03:36	gap at MM
10/11/10	81344	18:55:53 - 19:00:17	gap at MA
10/11/10	81344	20:10:26 - 20:24:52	gap at JO
10/11/10	81345	20:28:47 - 20:42:32	gap at MA
10/11/10	81345	21:50:11 - 22:03:13	gap at JO
10/11/10	81346	23:01:58 - 23:15:29	gap at HO
10/11/10	81346	23:11:04 - 23:23:07	gap at MM
10/11/10	81337	07:25:27 - 07:27:27	gap at KS
10/11/10	81338	09:04:59 - 09:07:26	gap at KS

10/11/10	81339	10:44:36 - 10:47:07	gap at KS
10/11/10	81340	12:23:58 - 12:26:27	gap at KS
10/11/10	81341	14:02:51 - 14:05:25	gap at KS
10/11/10	81342	15:40:50 - 15:43:26	gap at KS
10/11/10	81343	17:18:41 - 17:21:14	gap at KS
10/11/10	81344	18:56:50 - 18:59:01	gap at KS
10/11/10	81345	20:36:35 - 20:38:39	gap at KS
10/11/10	81346	22:18:24 - 22:20:24	gap at KS
10/11/10	81333	00:18:57 - 00:21:09	gap at MS
10/11/10	81339	10:57:45 - 11:00:22	gap at MS
10/11/10	81340	12:37:22 - 12:39:50	gap at MS
10/11/10	81346	22:08:02 - 22:10:01	gap at MS
10/11/10	81347	23:46:33 - 23:48:51	gap at MS
10/11/10	81338	09:13:33 - 09:14:43	gap at MA
10/11/10	81339	10:52:48 - 10:54:36	gap at MA
10/11/10	81346	22:11:22 - 22:12:29	gap at MA
10/11/10	81334	02:02:41 - 02:04:55	gap at MI
10/11/10	81335	03:38:58 - 03:41:20	gap at MI
10/11/10	81341	14:23:33 - 14:25:34	gap at MI
10/11/10	81342	15:59:05 - 16:01:27	gap at MI
10/11/10	81333	01:24:44 - 01:26:07	gap at MM
10/11/10	81334	03:07:33 - 03:08:37	gap at MM
10/11/10	81338	09:53:39 - 09:55:07	gap at MM
10/11/10	81339	11:33:44 - 11:35:24	gap at MM
10/11/10	81342	16:32:32 - 16:37:50	gap at MM
10/11/10	81342	16:42:47 - 16:45:04	gap at MM
10/11/10	81343	18:11:41 - 18:14:27	gap at MM
10/11/10	81345	21:30:34 - 21:33:05	gap at MM
10/11/10	81334	02:42:17 - 02:48:54	gap at SG
10/11/10	81335	04:21:40 - 04:27:30	gap at SG
10/11/10	81342	16:58:57 - 17:01:44	gap at SG
10/11/10	81334	03:38:13 - 03:39:44	gap at CM
10/11/10	81336	05:19:28 - 05:20:35	gap at CM
10/11/10	81342	16:02:05 - 16:03:36	gap at CM
10/11/10	81343	17:42:57 - 17:44:07	gap at CM
11/11/10	81347	00:40:48 - 00:54:59	gap at HO
11/11/10	81348	01:59:48 - 02:11:35	gap at BE
11/11/10	81348	01:34:36 - 01:46:38	gap at GS
11/11/10	81349	03:38:46 - 03:51:40	gap at BE
11/11/10	81349	03:12:41 - 03:26:30	gap at GS
11/11/10	81350	06:00:37 - 06:06:38	gap at MM
11/11/10	81350	04:49:23 - 04:58:34	gap at MI
11/11/10	81351	07:41:42 - 07:49:42	gap at MM
11/11/10	81351	07:19:54 - 07:33:24	gap at JO
11/11/10	81352	09:22:09 - 09:32:26	gap at MM
11/11/10	81352	08:58:44 - 09:12:51	gap at JO
11/11/10	81353	11:02:18 - 11:14:10	gap at MM
11/11/10	81354	12:42:14 - 12:54:50	gap at MM

11/11/10	81355	14:31:02 - 14:42:51	gap at HO
11/11/10	81355	14:45:43 - 14:58:30	gap at SG
11/11/10	81356	14:55:51 - 15:08:21	gap at BE
11/11/10	81356	16:01:20 - 16:13:55	gap at MM
11/11/10	81356	15:28:07 - 15:40:58	gap at MI
11/11/10	81356	15:22:04 - 15:35:37	gap at GS
11/11/10	81357	17:40:31 - 17:53:03	gap at MM
11/11/10	81357	17:08:12 - 17:18:52	gap at MI
11/11/10	81357	17:01:41 - 17:14:24	gap at GS
11/11/10	81358	19:19:41 - 19:32:20	gap at MM
11/11/10	81358	19:39:58 - 19:52:38	gap at JO
11/11/10	81359	20:59:10 - 21:11:53	gap at MM
11/11/10	81359	21:18:27 - 21:32:58	gap at JO
11/11/10	81360	22:31:35 - 22:43:58	gap at HO
11/11/10	81360	22:39:22 - 22:51:42	gap at MM
11/11/10	81360	21:37:41 - 21:50:26	gap at MA
11/11/10	81347	00:03:26 - 00:05:18	gap at KS
11/11/10	81351	06:54:16 - 06:56:09	gap at KS
11/11/10	81352	08:33:40 - 08:36:08	gap at KS
11/11/10	81353	10:13:18 - 10:15:47	gap at KS
11/11/10	81354	11:52:47 - 11:55:21	gap at KS
11/11/10	81355	13:31:48 - 13:34:17	gap at KS
11/11/10	81356	15:10:13 - 15:12:58	gap at KS
11/11/10	81357	16:47:50 - 16:50:27	gap at KS
11/11/10	81358	18:25:49 - 18:28:21	gap at KS
11/11/10	81359	20:05:02 - 20:07:06	gap at KS
11/11/10	81360	21:46:08 - 21:48:11	gap at KS
11/11/10	81361	23:29:53 - 23:31:31	gap at KS
11/11/10	81347	23:46:33 - 23:48:51	gap at MS
11/11/10	81353	10:27:38 - 10:30:15	gap at MS
11/11/10	81354	12:05:46 - 12:08:14	gap at MS
11/11/10	81361	23:14:55 - 23:17:10	gap at MS
11/11/10	81352	08:42:36 - 08:44:06	gap at MA
11/11/10	81353	10:21:21 - 10:23:19	gap at MA
11/11/10	81359	19:58:05 - 20:00:42	gap at MA
11/11/10	81349	03:07:53 - 03:10:09	gap at MI
11/11/10	81347	00:52:36 - 00:54:03	gap at MM
11/11/10	81348	02:35:10 - 02:36:22	gap at MM
11/11/10	81355	14:21:55 - 14:23:41	gap at MM
11/11/10	81355	14:27:09 - 14:34:38	gap at MM
11/11/10	81348	02:12:47 - 02:14:40	gap at SG
11/11/10	81348	02:16:19 - 02:22:01	gap at SG
11/11/10	81349	03:49:43 - 03:51:44	gap at SG
11/11/10	81349	03:54:18 - 04:03:17	gap at SG
11/11/10	81355	14:45:43 - 14:50:19	gap at SG
11/11/10	81356	16:25:28 - 16:28:12	gap at SG
11/11/10	81349	03:08:07 - 03:09:25	gap at CM
11/11/10	81356	15:31:46 - 15:33:07	gap at CM



11/11/10	81357	17:10:28 - 17:11:53	gap at CM
12/11/10	81361	00:09:13 - 00:23:50	gap at HO
12/11/10		00:34:25 - 09:02:54	Data gap due to GOME OFF
12/11/10	81368	12:10:51 - 12:23:18	gap at MM
12/11/10	81368	11:31:18 - 11:39:02	gap at MA
12/11/10	81369	14:16:00 - 14:25:59	gap at SG
12/11/10	81370	14:24:04 - 14:37:23	gap at BE
12/11/10	81370	14:57:42 - 15:08:43	gap at MI
12/11/10	81370	14:51:10 - 15:03:36	gap at GS
12/11/10	81371	17:09:22 - 17:21:54	gap at MM
12/11/10	81371	16:36:14 - 16:48:52	gap at MI
12/11/10	81371	16:30:13 - 16:43:49	gap at GS
12/11/10	81372	18:11:04 - 18:19:22	gap at GS
12/11/10	81372	19:10:25 - 19:19:16	gap at JO
12/11/10	81373	19:27:53 - 19:39:19	gap at MA
12/11/10	81373	20:47:04 - 21:02:05	gap at JO
12/11/10	81374	22:01:54 - 22:12:13	gap at HO
12/11/10	81374	21:05:56 - 21:19:16	gap at MA
12/11/10	81374	22:28:28 - 22:37:51	gap at JO
12/11/10	81375	23:38:11 - 23:52:34	gap at HO
12/11/10	81366	08:02:23 - 08:12:07	gap at KS
12/11/10	81367	09:42:00 - 09:44:29	gap at KS
12/11/10	81368	11:21:33 - 11:24:07	gap at KS
12/11/10	81369	13:00:45 - 13:03:13	gap at KS
12/11/10	81370	14:39:28 - 14:42:02	gap at KS
12/11/10	81371	16:17:09 - 16:19:43	gap at KS
12/11/10	81372	17:55:00 - 17:57:48	gap at KS
12/11/10	81373	19:33:41 - 19:35:44	gap at KS
12/11/10	81374	21:14:07 - 21:16:04	gap at KS
12/11/10	81375	22:56:54 - 22:58:44	gap at KS
12/11/10	81368	11:34:30 - 11:37:08	gap at MS
12/11/10	81369	13:15:33 - 13:18:04	gap at MS
12/11/10	81375	22:43:53 - 22:45:54	gap at MS
12/11/10	81366	08:11:57 - 08:13:24	gap at MA
12/11/10	81367	09:50:02 - 09:51:54	gap at MA
12/11/10	81361	00:20:34 - 00:22:06	gap at MM
12/11/10	81366	08:50:37 - 08:51:58	gap at MM
12/11/10	81367	10:30:51 - 10:32:20	gap at MM
12/11/10	81369	13:50:37 - 13:51:59	gap at MM
12/11/10	81369	13:57:44 - 14:03:21	gap at MM
12/11/10	81370	15:30:07 - 15:31:43	gap at MM
12/11/10	81372	18:48:30 - 18:50:50	gap at MM
12/11/10	81373	20:27:50 - 20:29:57	gap at MM
12/11/10	81374	22:07:47 - 22:09:59	gap at MM
12/11/10	81375	23:48:39 - 23:50:23	gap at MM
12/11/10	81369	14:16:00 - 14:17:59	gap at SG
12/11/10	81370	15:53:22 - 15:56:01	gap at SG
12/11/10	81371	16:38:48 - 16:40:16	gap at CM

13/11/10	81376	01:18:39 - 01:31:19	gap at HO
13/11/10	81376	00:35:33 - 00:42:46	gap at GS
13/11/10	81377	02:36:14 - 02:49:24	gap at BE
13/11/10	81377	02:07:55 - 02:17:04	gap at MI
13/11/10	81377	02:10:39 - 02:23:54	gap at GS
13/11/10	81377	03:43:47 - 03:55:54	gap at CM
13/11/10	81378	04:16:09 - 04:27:29	gap at BE
13/11/10	81378	03:44:41 - 03:57:55	gap at MI
13/11/10	81378	03:50:17 - 04:03:09	gap at GS
13/11/10	81379	05:52:41 - 05:56:43	gap at KS
13/11/10	81379	06:22:01 - 06:28:01	gap at JO
13/11/10	81380	07:55:55 - 08:10:46	gap at JO
13/11/10	81381	09:37:12 - 09:48:35	gap at JO
13/11/10	81382	11:39:27 - 11:51:41	gap at MM
13/11/10	81384	15:08:50 - 15:17:23	gap at HO
13/11/10	81384	14:28:29 - 14:35:04	gap at MI
13/11/10	81384	14:20:37 - 14:30:54	gap at GS
13/11/10	81384	15:21:58 - 15:35:51	gap at SG
13/11/10	81385	15:34:18 - 15:44:23	gap at BE
13/11/10	81385	16:04:46 - 16:18:08	gap at MI
13/11/10	81385	15:58:53 - 16:12:49	gap at GS
13/11/10	81386	17:47:23 - 17:52:32	gap at MI
13/11/10	81386	17:39:06 - 17:49:56	gap at GS
13/11/10	81387	19:00:51 - 19:05:59	gap at MA
13/11/10	81387	20:16:02 - 20:30:39	gap at JO
13/11/10	81388	20:34:25 - 20:48:06	gap at MA
13/11/10	81388	21:56:01 - 22:08:39	gap at JO
13/11/10	81389	23:07:28 - 23:21:12	gap at HO
13/11/10	81380	07:31:07 - 07:33:07	gap at KS
13/11/10	81381	09:10:41 - 09:13:10	gap at KS
13/11/10	81382	10:50:17 - 10:52:48	gap at KS
13/11/10	81383	12:29:38 - 12:32:08	gap at KS
13/11/10	81384	14:08:31 - 14:11:05	gap at KS
13/11/10	81385	15:46:25 - 15:48:58	gap at KS
13/11/10	81386	17:24:18 - 17:26:52	gap at KS
13/11/10	81387	19:02:30 - 19:04:41	gap at KS
13/11/10	81388	20:42:20 - 20:44:19	gap at KS
13/11/10	81389	22:24:17 - 22:26:17	gap at KS
13/11/10	81376	00:24:58 - 00:26:49	gap at MS
13/11/10	81382	11:03:28 - 11:06:00	gap at MS
13/11/10	81383	12:43:10 - 12:45:45	gap at MS
13/11/10	81389	22:13:29 - 22:15:23	gap at MS
13/11/10	81390	23:52:23 - 23:54:43	gap at MS
13/11/10	81381	09:19:00 - 09:20:24	gap at MA
13/11/10	81381	09:19:00 - 09:20:24	gap at MA
13/11/10	81382	10:58:49 - 11:00:24	gap at MA
13/11/10	81381	09:19:00 - 09:20:52	gap at MA
13/11/10	81375	23:48:39 - 23:50:23	gap at MM

13/11/10	81376	01:30:35 - 01:31:58	gap at MM
13/11/10	81377	03:13:27 - 03:14:32	gap at MM
13/11/10	81380	08:19:03 - 08:20:35	gap at MM
13/11/10	81381	09:59:22 - 10:00:54	gap at MM
13/11/10	81383	13:19:17 - 13:20:51	gap at MM
13/11/10	81384	14:58:53 - 15:00:17	gap at MM
13/11/10	81385	16:38:12 - 16:40:07	gap at MM
13/11/10	81386	18:17:20 - 18:20:03	gap at MM
13/11/10	81387	19:56:34 - 19:58:40	gap at MM
13/11/10	81388	21:36:17 - 21:38:55	gap at MM
13/11/10	81389	23:16:50 - 23:18:29	gap at MM
13/11/10	81377	02:47:47 - 02:49:50	gap at SG
13/11/10	81378	04:27:34 - 04:29:36	gap at SG
13/11/10	81377	03:43:47 - 03:45:13	gap at CM
13/11/10	81379	05:25:39 - 05:26:46	gap at CM
13/11/10	81385	16:07:41 - 16:09:13	gap at CM
13/11/10	81386	17:49:02 - 17:50:07	gap at CM
14/11/10	81390	00:46:36 - 01:00:36	gap at HO
14/11/10	81390	00:58:26 - 01:08:58	gap at MM
14/11/10	81390	00:09:39 - 00:14:06	gap at KS
14/11/10	81391	02:05:22 - 02:17:27	gap at BE
14/11/10	81391	01:40:05 - 01:52:23	gap at GS
14/11/10	81392	03:44:30 - 03:57:14	gap at BE
14/11/10	81392	03:13:29 - 03:26:45	gap at MI
14/11/10	81392	03:18:25 - 03:32:09	gap at GS
14/11/10	81392	03:13:31 - 03:24:03	gap at CM
14/11/10	81392	04:52:28 - 05:03:21	gap at CM
14/11/10	81393	06:06:26 - 06:12:31	gap at MM
14/11/10	81393	04:55:32 - 05:03:52	gap at MI
14/11/10	81394	07:47:27 - 07:55:35	gap at MM
14/11/10	81394	07:25:23 - 07:39:11	gap at JO
14/11/10	81395	09:27:52 - 09:38:16	gap at MM
14/11/10	81395	09:04:35 - 09:18:25	gap at JO
14/11/10	81396	11:18:38 - 11:28:55	gap at HO
14/11/10	81396	11:08:01 - 11:19:57	gap at MM
14/11/10	81397	12:56:33 - 13:11:22	gap at HO
14/11/10	81397	12:47:56 - 13:00:34	gap at MM
14/11/10	81398	14:36:49 - 14:48:20	gap at HO
14/11/10	81398	14:51:13 - 15:04:18	gap at SG
14/11/10	81399	15:01:41 - 15:13:56	gap at BE
14/11/10	81399	15:33:42 - 15:46:45	gap at MI
14/11/10	81399	15:27:43 - 15:41:23	gap at GS
14/11/10	81400	17:14:05 - 17:24:13	gap at MI
14/11/10	81400	17:07:26 - 17:19:54	gap at GS
14/11/10	81401	19:25:21 - 19:38:01	gap at MM
14/11/10	81401	19:45:27 - 19:58:33	gap at JO
14/11/10	81402	21:24:11 - 21:38:31	gap at JO
14/11/10	81403	22:37:02 - 22:49:42	gap at HO

14/11/10	81403	22:45:08 - 22:57:25	gap at MM
14/11/10	81403	21:43:49 - 21:56:01	gap at MA
14/11/10	81399	15:15:45 - 15:18:36	gap at KS
14/11/10	81402	20:10:45 - 20:12:48	gap at KS
14/11/10	81403	21:51:58 - 21:53:58	gap at KS
14/11/10	81404	23:35:56 - 23:37:31	gap at KS
14/11/10	81394	06:59:56 - 07:01:50	gap at KS
14/11/10	81395	08:39:22 - 08:41:50	gap at KS
14/11/10	81396	10:19:00 - 10:21:30	gap at KS
14/11/10	81400	16:53:24 - 16:56:02	gap at KS
14/11/10	81397	11:58:27 - 12:01:02	gap at KS
14/11/10	81398	13:37:27 - 13:39:58	gap at KS
14/11/10	81401	18:31:27 - 18:33:58	gap at KS
14/11/10	81390	23:52:23 - 23:54:43	gap at MS
14/11/10	81396	10:33:07 - 10:35:42	gap at MS
14/11/10	81397	12:11:30 - 12:14:08	gap at MS
14/11/10	81404	23:20:37 - 23:22:52	gap at MS
14/11/10	81395	08:47:50 - 08:50:19	gap at MA
14/11/10	81396	10:27:01 - 10:28:59	gap at MA
14/11/10	81402	20:03:38 - 20:06:26	gap at MA
14/11/10	81398	14:27:37 - 14:28:57	gap at MM
14/11/10	81399	16:07:01 - 16:08:38	gap at MM
14/11/10	81400	17:46:11 - 17:48:49	gap at MM
14/11/10	81402	21:04:52 - 21:06:47	gap at MM
14/11/10	81391	02:18:02 - 02:25:20	gap at SG
14/11/10	81392	03:55:28 - 04:05:11	gap at SG
14/11/10	81398	14:51:13 - 14:55:42	gap at SG
14/11/10	81399	16:31:25 - 16:34:18	gap at SG
14/11/10	81399	15:37:12 - 15:38:51	gap at CM
14/11/10	81400	17:16:18 - 17:17:41	gap at CM
15/11/10	81404	00:14:53 - 00:29:31	gap at HO
15/11/10	81404	00:26:23 - 00:37:28	gap at MM
15/11/10	81405	01:58:12 - 02:06:52	gap at HO
15/11/10	81405	02:08:43 - 02:17:46	gap at MM
15/11/10	81405	01:10:07 - 01:20:41	gap at GS
15/11/10	81406	03:13:04 - 03:26:26	gap at BE
15/11/10	81406	03:51:46 - 03:58:30	gap at MM
15/11/10	81406	02:42:56 - 02:55:09	gap at MI
15/11/10	81406	02:47:03 - 03:00:58	gap at GS
15/11/10	81407	04:54:04 - 05:02:21	gap at BE
15/11/10	81407	05:34:26 - 05:40:15	gap at MM
15/11/10	81407	04:22:26 - 04:34:09	gap at MI
15/11/10	81407	04:28:44 - 04:39:21	gap at GS
15/11/10	81408	07:15:48 - 07:23:11	gap at MM
15/11/10	81408	06:55:33 - 07:07:10	gap at JO
15/11/10	81409	08:56:21 - 09:06:06	gap at MM
15/11/10	81409	08:17:23 - 08:28:16	gap at MA
15/11/10	81409	08:32:45 - 08:47:38	gap at JO

15/11/10	81410	10:36:34 - 10:48:06	gap at MM
15/11/10	81411	12:16:33 - 12:29:03	gap at MM
15/11/10	81411	11:37:06 - 11:44:17	gap at MA
15/11/10	81412	13:56:19 - 14:09:03	gap at MM
15/11/10	81412	14:21:19 - 14:31:59	gap at SG
15/11/10	81413	14:29:49 - 14:43:02	gap at BE
15/11/10	81413	15:35:48 - 15:48:25	gap at MM
15/11/10	81413	15:03:10 - 15:14:39	gap at MI
15/11/10	81413	14:56:46 - 15:09:28	gap at GS
15/11/10	81414	17:15:02 - 17:27:33	gap at MM
15/11/10	81414	16:42:00 - 16:54:23	gap at MI
15/11/10	81414	16:35:56 - 16:49:25	gap at GS
15/11/10	81415	18:54:10 - 19:06:47	gap at MM
15/11/10	81415	18:16:57 - 18:24:37	gap at GS
15/11/10	81415	19:15:40 - 19:25:29	gap at JO
15/11/10	81416	20:33:32 - 20:46:16	gap at MM
15/11/10	81416	19:33:20 - 19:45:07	gap at MA
15/11/10	81416	20:52:45 - 21:07:45	gap at JO
15/11/10	81417	22:07:17 - 22:18:02	gap at HO
15/11/10	81417	22:13:31 - 22:26:01	gap at MM
15/11/10	81417	22:34:29 - 22:43:00	gap at JO
15/11/10	81418	23:43:52 - 23:58:16	gap at HO
15/11/10	81418	23:54:26 - 00:06:00	gap at MM
15/11/10	81408	06:28:52 - 06:30:37	gap at KS
15/11/10	81409	08:08:04 - 08:10:32	gap at KS
15/11/10	81410	09:47:41 - 09:50:11	gap at KS
15/11/10	81411	11:27:14 - 11:29:48	gap at KS
15/11/10	81412	13:06:24 - 13:08:54	gap at KS
15/11/10	81413	14:45:06 - 14:47:40	gap at KS
15/11/10	81414	16:22:46 - 16:25:20	gap at KS
15/11/10	81415	18:00:34 - 18:03:23	gap at KS
15/11/10	81416	19:39:22 - 19:41:27	gap at KS
15/11/10	81417	21:19:55 - 21:21:55	gap at KS
15/11/10	81418	23:02:52 - 23:04:42	gap at KS
15/11/10	81411	11:40:10 - 11:42:46	gap at MS
15/11/10	81412	13:21:33 - 13:24:05	gap at MS
15/11/10	81418	22:49:29 - 22:51:28	gap at MS
15/11/10	81410	09:55:44 - 09:57:38	gap at MA
15/11/10	81417	21:11:40 - 21:14:23	gap at MA
15/11/10	81406	03:24:04 - 03:27:27	gap at SG
15/11/10	81412	14:21:19 - 14:23:29	gap at SG
15/11/10	81413	15:59:08 - 16:01:54	gap at SG
15/11/10	81413	15:07:58 - 15:09:01	gap at CM
15/11/10	81414	16:44:31 - 16:45:57	gap at CM
16/11/10	81418	23:54:26 - 00:06:00	gap at MM
16/11/10	81419	01:24:35 - 01:36:51	gap at HO
16/11/10	81419	01:36:27 - 01:46:13	gap at MM
16/11/10	81419	00:40:47 - 00:48:39	gap at GS

16/11/10	81420	02:41:53 - 02:55:09	gap at BE
16/11/10	81420	03:19:21 - 03:26:46	gap at MM
16/11/10	81420	02:13:12 - 02:23:00	gap at MI
16/11/10	81420	02:16:48 - 02:29:37	gap at GS
16/11/10	81420	03:49:22 - 04:01:38	gap at CM
16/11/10	81421	04:21:57 - 04:32:55	gap at BE
16/11/10	81421	05:02:18 - 05:08:07	gap at MM
16/11/10	81421	03:50:25 - 04:03:33	gap at MI
16/11/10	81421	03:56:08 - 04:08:45	gap at GS
16/11/10	81422	06:44:04 - 06:50:46	gap at MM
16/11/10	81422	05:58:10 - 06:02:58	gap at KS
16/11/10	81422	06:26:57 - 06:34:15	gap at JO
16/11/10	81423	08:24:48 - 08:33:49	gap at MM
16/11/10	81423	08:01:32 - 08:16:28	gap at JO
16/11/10	81424	10:05:06 - 10:16:10	gap at MM
16/11/10	81424	09:43:15 - 09:53:58	gap at JO
16/11/10	81425	11:54:36 - 12:07:41	gap at HO
16/11/10	81425	11:45:09 - 11:57:26	gap at MM
16/11/10	81426	13:33:31 - 13:48:11	gap at HO
16/11/10	81426	13:24:59 - 13:37:42	gap at MM
16/11/10	81427	13:58:29 - 14:11:52	gap at BE
16/11/10	81427	15:14:42 - 15:22:49	gap at HO
16/11/10	81427	15:04:34 - 15:17:14	gap at MM
16/11/10	81427	14:33:37 - 14:41:23	gap at MI
16/11/10	81427	14:26:08 - 14:36:54	gap at GS
16/11/10	81428	15:40:21 - 15:49:50	gap at BE
16/11/10	81428	16:43:52 - 16:56:24	gap at MM
16/11/10	81428	16:10:27 - 16:23:46	gap at MI
16/11/10	81428	16:04:34 - 16:18:29	gap at GS
16/11/10	81429	18:23:00 - 18:35:35	gap at MM
16/11/10	81429	17:53:58 - 17:57:06	gap at MI
16/11/10	81429	17:44:53 - 17:55:20	gap at GS
16/11/10	81430	20:02:15 - 20:14:58	gap at MM
16/11/10	81430	19:05:58 - 19:12:57	gap at MA
16/11/10	81430	20:21:39 - 20:36:24	gap at JO
16/11/10	81431	21:42:00 - 21:54:38	gap at MM
16/11/10	81431	20:40:04 - 20:53:45	gap at MA
16/11/10	81431	22:01:51 - 22:14:02	gap at JO
16/11/10	81432	23:12:57 - 23:26:55	gap at HO
16/11/10	81432	23:22:37 - 23:34:33	gap at MM
16/11/10	81433	23:58:14 - 00:10:28	gap at MS
16/11/10	81423	07:36:48 - 07:38:39	gap at KS
16/11/10	81424	09:16:22 - 09:18:51	gap at KS
16/11/10	81425	10:55:58 - 10:58:30	gap at KS
16/11/10	81426	12:35:18 - 12:37:48	gap at KS
16/11/10	81427	14:14:09 - 14:16:44	gap at KS
16/11/10	81428	15:52:00 - 15:54:33	gap at KS
16/11/10	81429	17:29:55 - 17:32:29	gap at KS

16/11/10	81430	19:08:09 - 19:10:15	gap at KS
16/11/10	81431	20:48:06 - 20:50:05	gap at KS
16/11/10	81432	22:30:12 - 22:32:08	gap at KS
16/11/10	81419	00:31:01 - 00:32:51	gap at MS
16/11/10	81425	11:09:05 - 11:11:42	gap at MS
16/11/10	81426	12:49:04 - 12:51:36	gap at MS
16/11/10	81432	22:18:57 - 22:20:46	gap at MS
16/11/10	81424	09:24:32 - 09:26:11	gap at MA
16/11/10	81425	11:04:58 - 11:06:06	gap at MA
16/11/10	81420	02:53:18 - 02:55:54	gap at SG
16/11/10	81420	03:03:28 - 03:06:25	gap at SG
16/11/10	81421	04:33:31 - 04:35:35	gap at SG
16/11/10	81427	15:27:38 - 15:30:03	gap at SG
16/11/10	81428	16:13:18 - 16:14:44	gap at CM
16/11/10	81429	17:55:12 - 17:56:20	gap at CM
17/11/10	81433	00:52:26 - 01:06:12	gap at HO
17/11/10	81433	01:04:16 - 01:14:42	gap at MM
17/11/10	81433	00:15:56 - 00:19:32	gap at KS
17/11/10	81434	02:10:57 - 02:23:19	gap at BE
17/11/10	81434	02:46:56 - 02:55:07	gap at MM
17/11/10	81434	01:45:14 - 01:49:23	gap at MI
17/11/10	81434	01:45:35 - 01:58:08	gap at GS
17/11/10	81435	03:50:14 - 04:02:46	gap at BE
17/11/10	81435	04:30:01 - 04:36:08	gap at MM
17/11/10	81435	03:19:06 - 03:32:27	gap at MI
17/11/10	81435	03:24:10 - 03:37:49	gap at GS
17/11/10	81436	06:12:14 - 06:18:23	gap at MM
17/11/10	81436	05:01:47 - 05:09:04	gap at MI
17/11/10	81437	07:53:12 - 08:01:29	gap at MM
17/11/10	81437	07:30:53 - 07:44:57	gap at JO
17/11/10	81438	09:33:36 - 09:44:06	gap at MM
17/11/10	81438	09:10:26 - 09:23:57	gap at JO
17/11/10	81439	11:24:03 - 11:35:02	gap at HO
17/11/10	81439	11:13:44 - 11:25:43	gap at MM
17/11/10	81440	13:02:13 - 13:17:02	gap at HO
17/11/10	81440	12:53:38 - 13:06:17	gap at MM
17/11/10	81441	14:42:36 - 14:53:07	gap at HO
17/11/10	81441	14:33:18 - 14:46:00	gap at MM
17/11/10	81441	13:56:17 - 14:03:15	gap at GS
17/11/10	81441	14:56:46 - 15:10:05	gap at SG
17/11/10	81442	15:07:33 - 15:19:31	gap at BE
17/11/10	81442	16:12:41 - 16:25:15	gap at MM
17/11/10	81442	15:39:19 - 15:52:30	gap at MI
17/11/10	81442	15:33:22 - 15:47:08	gap at GS
17/11/10	81443	17:51:51 - 18:04:24	gap at MM
17/11/10	81443	17:20:00 - 17:29:32	gap at MI
17/11/10	81443	17:13:10 - 17:25:24	gap at GS
17/11/10	81444	19:31:02 - 19:43:42	gap at MM

17/11/10	81444	19:50:58 - 20:04:27	gap at JO
17/11/10	81445	21:10:35 - 21:23:17	gap at MM
17/11/10	81445	21:29:56 - 21:44:03	gap at JO
17/11/10	81446	22:42:32 - 22:55:26	gap at HO
17/11/10	81446	22:50:53 - 23:03:08	gap at MM
17/11/10	81446	21:49:57 - 22:01:35	gap at MA
17/11/10	81447	23:42:00 - 23:49:04	gap at KS
17/11/10	81437	07:05:36 - 07:07:31	gap at KS
17/11/10	81438	08:45:04 - 08:47:33	gap at KS
17/11/10	81439	10:24:41 - 10:34:40	gap at KS
17/11/10	81440	12:04:08 - 12:06:37	gap at KS
17/11/10	81441	13:43:05 - 13:45:38	gap at KS
17/11/10	81442	15:21:17 - 15:24:09	gap at KS
17/11/10	81443	16:58:59 - 17:01:35	gap at KS
17/11/10	81444	18:37:05 - 18:39:32	gap at KS
17/11/10	81445	20:16:29 - 20:18:29	gap at KS
17/11/10	81446	21:57:50 - 21:59:53	gap at KS
17/11/10	81433	23:58:14 - 00:00:30	gap at MS
17/11/10	81439	10:38:37 - 10:41:16	gap at MS
17/11/10	81440	12:17:16 - 12:19:54	gap at MS
17/11/10	81446	21:49:11 - 21:50:53	gap at MS
17/11/10	81447	23:26:20 - 23:28:39	gap at MS
17/11/10	81439	10:32:42 - 10:34:38	gap at MA
17/11/10	81445	20:09:12 - 20:11:49	gap at MA
17/11/10	81434	02:23:20 - 02:25:23	gap at SG
17/11/10	81435	04:01:15 - 04:03:36	gap at SG
17/11/10	81441	14:56:46 - 15:00:21	gap at SG
17/11/10	81441	15:04:22 - 15:10:05	gap at SG
17/11/10	81442	16:37:24 - 16:40:15	gap at SG
17/11/10	81442	16:44:35 - 16:47:39	gap at SG
17/11/10	81435	03:18:57 - 03:20:25	gap at CM
17/11/10	81442	15:42:41 - 15:44:15	gap at CM
17/11/10	81443	17:22:10 - 17:23:36	gap at CM
18/11/10	81447	00:20:34 - 00:35:12	gap at HO
18/11/10	81447	00:32:12 - 00:43:12	gap at MM
18/11/10	81448	02:04:47 - 02:12:07	gap at HO
18/11/10	81448	02:14:35 - 02:23:31	gap at MM
18/11/10	81448	01:15:32 - 01:26:28	gap at GS
18/11/10	81449	03:18:46 - 03:32:04	gap at BE
18/11/10	81449	03:57:39 - 04:04:17	gap at MM
18/11/10	81449	02:48:26 - 03:00:56	gap at MI
18/11/10	81449	02:52:43 - 03:06:39	gap at GS
18/11/10	81450	05:40:16 - 05:46:06	gap at MM
18/11/10	81450	04:28:21 - 04:39:38	gap at MI
18/11/10	81450	04:34:45 - 04:44:51	gap at GS
18/11/10	81451	07:21:33 - 07:29:05	gap at MM
18/11/10	81451	06:34:30 - 06:42:38	gap at KS
18/11/10	81451	07:00:55 - 07:13:02	gap at JO



18/11/10	81452	09:02:05 - 09:11:57	gap at MM
18/11/10	81452	08:13:45 - 08:26:18	gap at KS
18/11/10	81452	08:22:51 - 08:34:14	gap at MA
18/11/10	81452	08:38:30 - 08:53:16	gap at JO
18/11/10	81453	10:42:17 - 10:53:54	gap at MM
18/11/10	81453	09:53:23 - 10:07:20	gap at KS
18/11/10	81454	12:22:16 - 12:34:47	gap at MM
18/11/10	81454	11:32:55 - 11:46:30	gap at KS
18/11/10	81454	11:42:55 - 11:49:28	gap at MA
18/11/10	81455	12:57:21 - 13:08:49	gap at BE
18/11/10	81455	14:02:00 - 14:14:44	gap at MM
18/11/10	81455	14:26:40 - 14:37:56	gap at SG
18/11/10	81456	14:35:34 - 14:48:41	gap at BE
18/11/10	81456	15:41:29 - 15:54:05	gap at MM
18/11/10	81456	15:02:22 - 15:15:18	gap at GS
18/11/10	81457	17:20:42 - 17:33:13	gap at MM
18/11/10	81457	16:41:39 - 16:54:59	gap at GS
18/11/10	81458	18:59:50 - 19:12:28	gap at MM
18/11/10	81458	18:22:50 - 18:29:51	gap at GS
18/11/10	81458	19:20:59 - 19:31:36	gap at JO
18/11/10	81459	20:39:14 - 20:51:58	gap at MM
18/11/10	81459	19:38:48 - 19:50:55	gap at MA
18/11/10	81459	20:58:26 - 21:13:23	gap at JO
18/11/10	81460	22:12:38 - 22:23:50	gap at HO
18/11/10	81460	22:19:16 - 22:31:43	gap at MM
18/11/10	81460	22:40:35 - 22:48:04	gap at JO
18/11/10	81461	23:49:30 - 00:03:57	gap at HO
18/11/10	81455	13:12:03 - 13:14:32	gap at KS
18/11/10	81456	14:50:43 - 14:53:17	gap at KS
18/11/10	81457	16:28:22 - 16:30:56	gap at KS
18/11/10	81458	18:06:09 - 18:08:55	gap at KS
18/11/10	81459	19:45:04 - 19:47:10	gap at KS
18/11/10	81460	21:25:44 - 21:27:44	gap at KS
18/11/10	81461	23:08:51 - 23:10:40	gap at KS
18/11/10	81453	10:08:38 - 10:11:10	gap at MS
18/11/10	81454	11:45:49 - 11:48:27	gap at MS
18/11/10	81455	13:27:40 - 13:30:15	gap at MS
18/11/10	81461	22:55:06 - 22:57:08	gap at MS
18/11/10	81453	10:01:25 - 10:03:19	gap at MA
18/11/10	81460	21:17:25 - 21:20:05	gap at MA
18/11/10	81456	15:08:40 - 15:11:03	gap at MI
18/11/10	81457	16:47:48 - 16:50:09	gap at MI
18/11/10	81449	03:29:44 - 03:41:39	gap at SG
18/11/10	81455	14:26:40 - 14:29:05	gap at SG
18/11/10	81456	16:04:56 - 16:07:51	gap at SG
18/11/10	81449	02:49:38 - 02:50:44	gap at CM
18/11/10	81456	15:13:06 - 15:14:12	gap at CM
18/11/10	81457	16:50:15 - 16:52:17	gap at CM

19/11/10	81461	23:49:30 - 00:03:57	gap at HO
19/11/10	81461	00:00:14 - 00:11:43	gap at MM
19/11/10	81462	01:30:34 - 01:42:23	gap at HO
19/11/10	81462	01:42:18 - 01:51:57	gap at MM
19/11/10	81462	00:46:04 - 00:54:31	gap at GS
19/11/10	81463	02:47:32 - 03:00:53	gap at BE
19/11/10	81463	03:25:14 - 03:32:32	gap at MM
19/11/10	81463	02:22:54 - 02:35:20	gap at GS
19/11/10	81463	02:58:50 - 03:12:12	gap at SG
19/11/10	81464	04:27:45 - 04:38:20	gap at BE
19/11/10	81464	05:08:09 - 05:13:56	gap at MM
19/11/10	81464	04:02:00 - 04:14:21	gap at GS
19/11/10	81465	06:49:50 - 06:56:40	gap at MM
19/11/10	81465	06:03:42 - 06:09:09	gap at KS
19/11/10	81465	06:31:59 - 06:40:22	gap at JO
19/11/10	81466	08:30:32 - 08:39:42	gap at MM
19/11/10	81466	07:52:55 - 07:59:48	gap at MA
19/11/10	81466	08:07:10 - 08:22:10	gap at JO
19/11/10	81467	10:10:49 - 10:21:59	gap at MM
19/11/10	81467	09:49:22 - 09:59:18	gap at JO
19/11/10	81468	12:00:13 - 12:13:34	gap at HO
19/11/10	81468	11:50:52 - 12:03:11	gap at MM
19/11/10	81469	13:39:14 - 13:53:43	gap at HO
19/11/10	81469	13:30:41 - 13:43:24	gap at MM
19/11/10	81470	14:04:08 - 14:17:33	gap at BE
19/11/10	81470	15:20:34 - 15:28:10	gap at HO
19/11/10	81470	15:10:15 - 15:22:54	gap at MM
19/11/10	81470	14:31:40 - 14:42:40	gap at GS
19/11/10	81471	15:46:27 - 15:55:15	gap at BE
19/11/10	81471	16:49:32 - 17:02:04	gap at MM
19/11/10	81471	16:10:16 - 16:24:09	gap at GS
19/11/10	81472	18:28:40 - 18:41:15	gap at MM
19/11/10	81472	17:50:41 - 18:00:43	gap at GS
19/11/10	81473	20:07:56 - 20:20:40	gap at MM
19/11/10	81473	19:11:09 - 19:18:51	gap at MA
19/11/10	81473	20:27:16 - 20:42:09	gap at JO
19/11/10	81474	21:47:44 - 22:00:21	gap at MM
19/11/10	81474	20:45:44 - 20:59:26	gap at MA
19/11/10	81474	22:07:43 - 22:19:24	gap at JO
19/11/10	81475	23:18:30 - 23:32:38	gap at HO
19/11/10	81475	23:28:23 - 23:40:16	gap at MM
19/11/10	81466	07:42:29 - 07:44:31	gap at KS
19/11/10	81467	09:22:04 - 09:24:33	gap at KS
19/11/10	81468	11:01:39 - 11:04:11	gap at KS
19/11/10	81469	12:40:57 - 12:43:27	gap at KS
19/11/10	81470	14:19:47 - 14:22:22	gap at KS
19/11/10	81471	15:57:35 - 16:00:09	gap at KS
19/11/10	81472	17:35:30 - 17:38:05	gap at KS

19/11/10	81473	19:13:49 - 19:15:53	gap at KS
19/11/10	81474	20:53:52 - 20:55:53	gap at KS
19/11/10	81475	22:36:07 - 22:38:01	gap at KS
19/11/10	81462	00:37:08 - 00:38:54	gap at MS
19/11/10	81468	11:14:42 - 11:17:16	gap at MS
19/11/10	81469	12:54:54 - 12:57:27	gap at MS
19/11/10	81475	22:24:27 - 22:26:26	gap at MS
19/11/10	81467	09:30:11 - 09:31:41	gap at MA
19/11/10	81468	11:10:48 - 11:11:52	gap at MA
19/11/10	81463	02:18:31 - 02:20:50	gap at MI
19/11/10	81464	03:56:11 - 03:59:16	gap at MI
19/11/10	81470	14:38:51 - 14:41:07	gap at MI
19/11/10	81471	16:16:10 - 16:18:28	gap at MI
19/11/10	81464	04:39:30 - 04:41:27	gap at SG
19/11/10	81464	04:43:09 - 04:49:41	gap at SG
19/11/10	81470	15:33:19 - 15:35:52	gap at SG
19/11/10	81471	16:18:56 - 16:20:22	gap at CM
19/11/10	81472	18:01:33 - 18:02:52	gap at CM
20/11/10	81476	00:58:16 - 01:11:47	gap at HO
20/11/10	81476	01:10:07 - 01:20:25	gap at MM
20/11/10	81476	00:22:22 - 00:24:51	gap at KS
20/11/10	81477	02:16:33 - 02:29:09	gap at BE
20/11/10	81477	02:52:50 - 03:00:52	gap at MM
20/11/10	81477	01:51:06 - 02:03:52	gap at GS
20/11/10	81478	03:55:58 - 04:08:18	gap at BE
20/11/10	81478	04:35:54 - 04:41:56	gap at MM
20/11/10	81478	03:29:57 - 03:43:27	gap at GS
20/11/10	81479	06:18:02 - 06:24:16	gap at MM
20/11/10	81480	07:58:57 - 08:07:22	gap at MM
20/11/10	81480	07:36:25 - 07:50:43	gap at JO
20/11/10	81481	09:39:20 - 09:49:57	gap at MM
20/11/10	81481	08:59:58 - 09:12:24	gap at MA
20/11/10	81481	09:16:19 - 09:29:29	gap at JO
20/11/10	81482	11:19:27 - 11:31:30	gap at MM
20/11/10	81483	12:59:20 - 13:12:00	gap at MM
20/11/10	81484	14:48:25 - 14:58:21	gap at HO
20/11/10	81484	14:38:59 - 14:51:41	gap at MM
20/11/10	81484	14:01:36 - 14:09:31	gap at GS
20/11/10	81484	15:02:19 - 15:15:51	gap at SG
20/11/10	81485	15:13:27 - 15:25:05	gap at BE
20/11/10	81485	16:18:21 - 16:30:55	gap at MM
20/11/10	81485	15:39:02 - 15:52:52	gap at GS
20/11/10	81486	17:57:31 - 18:10:04	gap at MM
20/11/10	81486	17:18:55 - 17:30:53	gap at GS
20/11/10	81487	19:36:42 - 19:49:23	gap at MM
20/11/10	81487	19:56:31 - 20:10:19	gap at JO
20/11/10	81488	21:16:17 - 21:28:59	gap at MM
20/11/10	81488	20:14:47 - 20:28:33	gap at MA

20/11/10	81488	21:35:43 - 21:49:33	gap at JO
20/11/10	81489	22:48:03 - 23:01:09	gap at HO
20/11/10	81489	22:56:39 - 23:08:50	gap at MM
20/11/10	81480	07:11:16 - 07:13:14	gap at KS
20/11/10	81481	08:50:45 - 08:53:14	gap at KS
20/11/10	81482	10:30:22 - 10:32:55	gap at KS
20/11/10	81483	12:09:48 - 12:12:19	gap at KS
20/11/10	81484	13:48:43 - 13:51:17	gap at KS
20/11/10	81485	15:26:52 - 15:29:40	gap at KS
20/11/10	81486	17:04:34 - 17:07:08	gap at KS
20/11/10	81487	18:42:44 - 18:45:10	gap at KS
20/11/10	81488	20:22:13 - 20:24:15	gap at KS
20/11/10	81489	22:03:42 - 22:05:51	gap at KS
20/11/10	81490	23:48:06 - 23:49:39	gap at KS
20/11/10	81476	00:04:07 - 00:06:21	gap at MS
20/11/10	81482	10:44:06 - 10:46:40	gap at MS
20/11/10	81483	12:23:00 - 12:25:37	gap at MS
20/11/10	81489	21:54:32 - 21:56:30	gap at MS
20/11/10	81490	23:32:05 - 23:34:31	gap at MS
20/11/10	81482	10:38:24 - 10:40:22	gap at MA
20/11/10	81489	21:55:51 - 21:57:44	gap at MA
20/11/10	81477	01:50:00 - 01:52:08	gap at MI
20/11/10	81478	03:24:45 - 03:27:10	gap at MI
20/11/10	81479	05:08:10 - 05:10:17	gap at MI
20/11/10	81485	15:44:57 - 15:47:21	gap at MI
20/11/10	81486	17:25:57 - 17:28:17	gap at MI
20/11/10	81477	02:28:42 - 02:30:46	gap at SG
20/11/10	81478	04:07:03 - 04:09:25	gap at SG
20/11/10	81484	15:02:19 - 15:06:25	gap at SG
20/11/10	81485	16:43:27 - 16:46:06	gap at SG
20/11/10	81478	03:24:25 - 03:25:52	gap at CM
20/11/10	81485	15:48:12 - 15:50:06	gap at CM
20/11/10	81486	17:28:03 - 17:29:24	gap at CM
21/11/10	81490	00:26:14 - 00:40:52	gap at HO
21/11/10	81490	00:38:01 - 00:48:55	gap at MM
21/11/10	81491	01:45:58 - 01:56:45	gap at BE
21/11/10	81491	02:20:28 - 02:29:15	gap at MM
21/11/10	81491	01:20:57 - 01:32:14	gap at GS
21/11/10	81492	03:24:28 - 03:37:42	gap at BE
21/11/10	81492	04:03:32 - 04:10:04	gap at MM
21/11/10	81492	02:58:24 - 03:12:20	gap at GS
21/11/10	81493	05:46:05 - 05:51:58	gap at MM
21/11/10	81493	04:34:18 - 04:45:06	gap at MI
21/11/10	81493	04:40:49 - 04:50:20	gap at GS
21/11/10	81494	07:27:19 - 07:34:58	gap at MM
21/11/10	81494	07:06:18 - 07:18:53	gap at JO
21/11/10	81495	09:07:49 - 09:17:48	gap at MM
21/11/10	81495	08:44:15 - 08:58:53	gap at JO

21/11/10	81496	10:48:00 - 10:59:42	gap at MM
21/11/10	81497	12:27:58 - 12:40:31	gap at MM
21/11/10	81497	11:48:56 - 11:54:34	gap at MA
21/11/10	81498	14:16:36 - 14:29:24	gap at HO
21/11/10	81498	14:07:42 - 14:20:25	gap at MM
21/11/10	81498	14:32:04 - 14:43:51	gap at SG
21/11/10	81499	14:41:20 - 14:54:19	gap at BE
21/11/10	81499	15:47:09 - 15:59:45	gap at MM
21/11/10	81499	15:14:12 - 15:26:25	gap at MI
21/11/10	81499	15:07:59 - 15:21:08	gap at GS
21/11/10	81499	16:10:46 - 16:23:21	gap at SG
21/11/10	81500	17:26:22 - 17:38:53	gap at MM
21/11/10	81500	16:53:36 - 17:05:21	gap at MI
21/11/10	81500	16:47:22 - 17:00:33	gap at GS
21/11/10	81501	19:05:30 - 19:18:09	gap at MM
21/11/10	81501	19:26:22 - 19:37:40	gap at JO
21/11/10	81502	20:44:55 - 20:57:39	gap at MM
21/11/10	81502	19:44:18 - 19:56:44	gap at MA
21/11/10	81502	21:04:08 - 21:19:00	gap at JO
21/11/10	81503	22:18:01 - 22:29:37	gap at HO
21/11/10	81503	22:25:00 - 22:37:26	gap at MM
21/11/10	81503	22:46:48 - 22:53:00	gap at JO
21/11/10	81504	23:55:08 - 00:09:38	gap at HO
21/11/10	81494	06:40:08 - 06:41:56	gap at KS
21/11/10	81495	08:19:27 - 08:21:55	gap at KS
21/11/10	81496	09:59:04 - 10:01:35	gap at KS
21/11/10	81497	11:38:35 - 11:41:11	gap at KS
21/11/10	81498	13:17:42 - 13:20:11	gap at KS
21/11/10	81499	14:56:18 - 14:58:53	gap at KS
21/11/10	81500	16:33:56 - 16:36:30	gap at KS
21/11/10	81501	18:11:46 - 18:14:17	gap at KS
21/11/10	81502	19:50:46 - 19:53:09	gap at KS
21/11/10	81503	21:31:33 - 21:33:41	gap at KS
21/11/10	81504	23:14:51 - 23:16:37	gap at KS
21/11/10	81496	10:14:00 - 10:16:32	gap at MS
21/11/10	81497	11:51:27 - 11:54:04	gap at MS
21/11/10	81504	23:00:44 - 23:02:35	gap at MS
21/11/10	81495	08:28:21 - 08:30:21	gap at MA
21/11/10	81496	10:07:08 - 10:08:57	gap at MA
21/11/10	81503	21:23:11 - 21:25:48	gap at MA
21/11/10	81492	02:53:58 - 02:56:19	gap at MI
21/11/10	81492	03:35:25 - 03:37:59	gap at SG
21/11/10	81499	16:10:46 - 16:13:45	gap at SG
21/11/10	81499	16:19:25 - 16:23:21	gap at SG
21/11/10	81492	02:54:50 - 03:02:01	gap at CM
21/11/10	81499	15:18:21 - 15:20:23	gap at CM
21/11/10	81500	16:56:00 - 16:57:46	gap at CM
22/11/10	81504	23:55:08 - 00:09:38	gap at HO

22/11/10	81504	00:06:03 - 00:17:27	gap at MM
22/11/10	81505 - 81510	00:45:03 - 08:59:12	Data gap due to GOME OFF
22/11/10	81510	10:16:33 - 10:27:47	gap at MM
22/11/10	81510	09:55:33 - 10:04:34	gap at JO
22/11/10	81511	11:56:35 - 12:08:56	gap at MM
22/11/10	81512	13:36:23 - 13:49:06	gap at MM
22/11/10	81512	14:03:05 - 14:10:40	gap at SG
22/11/10	81513	14:09:49 - 14:23:14	gap at BE
22/11/10	81513	15:15:55 - 15:28:34	gap at MM
22/11/10	81513	14:37:13 - 14:48:09	gap at GS
22/11/10	81514	15:52:36 - 16:00:37	gap at BE
22/11/10	81514	16:55:12 - 17:07:44	gap at MM
22/11/10	81514	16:15:57 - 16:29:47	gap at GS
22/11/10	81515	18:34:20 - 18:46:55	gap at MM
22/11/10	81515	17:56:30 - 18:06:04	gap at GS
22/11/10	81516	20:13:37 - 20:26:21	gap at MM
22/11/10	81516	19:16:24 - 19:24:43	gap at MA
22/11/10	81516	20:32:55 - 20:47:52	gap at JO
22/11/10	81517	21:48:52 - 21:57:36	gap at HO
22/11/10	81517	21:53:27 - 22:06:03	gap at MM
22/11/10	81517	20:51:24 - 21:05:07	gap at MA
22/11/10	81518	23:24:07 - 23:38:20	gap at HO
22/11/10	81518	23:34:10 - 23:45:59	gap at MM
22/11/10	81508	06:09:15 - 06:10:29	gap at KS
22/11/10	81509	07:48:10 - 07:50:38	gap at KS
22/11/10	81510	09:27:46 - 09:30:15	gap at KS
22/11/10	81511	11:07:20 - 11:09:52	gap at KS
22/11/10	81512	12:46:37 - 12:49:08	gap at KS
22/11/10	81513	14:25:25 - 14:27:59	gap at KS
22/11/10	81514	16:03:10 - 16:05:43	gap at KS
22/11/10	81515	17:41:05 - 17:43:41	gap at KS
22/11/10	81516	19:19:29 - 19:21:48	gap at KS
22/11/10	81517	20:59:38 - 21:01:42	gap at KS
22/11/10	81518	22:42:02 - 22:44:17	gap at KS
22/11/10	81505	00:43:20 - 00:45:03	gap at MS
22/11/10	81511	11:20:20 - 11:23:07	gap at MS
22/11/10	81512	13:00:48 - 13:03:18	gap at MS
22/11/10	81518	22:29:59 - 22:32:14	gap at MS
22/11/10	81510	09:35:51 - 09:37:57	gap at MA
22/11/10	81513	14:44:10 - 14:46:26	gap at MI
22/11/10	81514	16:21:53 - 16:24:18	gap at MI
22/11/10	81506	03:04:24 - 03:17:02	gap at SG
22/11/10	81512	14:03:05 - 14:04:59	gap at SG
22/11/10	81513	15:39:01 - 15:41:37	gap at SG
22/11/10	81514	16:24:35 - 16:26:03	gap at CM
23/11/10	81519	01:04:05 - 01:17:23	gap at HO
23/11/10	81519	01:15:58 - 01:26:09	gap at MM
23/11/10	81520	02:22:10 - 02:34:58	gap at BE

23/11/10	81520	02:58:43 - 03:06:37	gap at MM
23/11/10	81520	01:56:38 - 02:09:36	gap at GS
23/11/10	81520	03:29:55 - 03:41:30	gap at CM
23/11/10	81521	04:01:44 - 04:13:48	gap at BE
23/11/10	81521	04:41:46 - 04:47:44	gap at MM
23/11/10	81521	03:35:44 - 03:49:05	gap at GS
23/11/10	81522	06:23:49 - 06:30:10	gap at MM
23/11/10	81523	08:04:42 - 08:13:15	gap at MM
23/11/10	81523	07:41:58 - 07:56:28	gap at JO
23/11/10	81524	09:45:04 - 09:55:47	gap at MM
23/11/10	81524	09:22:15 - 09:34:58	gap at JO
23/11/10	81525	11:35:04 - 11:47:07	gap at HO
23/11/10	81525	11:25:10 - 11:37:16	gap at MM
23/11/10	81526	13:13:35 - 13:28:24	gap at HO
23/11/10	81526	13:05:02 - 13:17:43	gap at MM
23/11/10	81527	14:54:14 - 15:03:43	gap at HO
23/11/10	81527	14:44:40 - 14:57:22	gap at MM
23/11/10	81527	14:06:59 - 14:15:41	gap at GS
23/11/10	81527	15:07:55 - 15:21:35	gap at SG
23/11/10	81528	15:19:22 - 15:30:37	gap at BE
23/11/10	81528	16:24:01 - 16:36:35	gap at MM
23/11/10	81528	15:44:42 - 15:58:35	gap at GS
23/11/10	81529	18:03:11 - 18:15:44	gap at MM
23/11/10	81529	17:24:41 - 17:36:21	gap at GS
23/11/10	81530	19:42:23 - 19:55:04	gap at MM
23/11/10	81530	18:47:33 - 18:51:43	gap at MA
23/11/10	81530	20:02:04 - 20:16:09	gap at JO
23/11/10	81531	21:22:00 - 21:34:41	gap at MM
23/11/10	81531	20:20:22 - 20:34:10	gap at MA
23/11/10	81531	21:41:29 - 21:55:02	gap at JO
23/11/10	81532	22:53:39 - 23:06:53	gap at HO
23/11/10	81532	23:02:24 - 23:14:33	gap at MM
23/11/10	81532	22:01:51 - 22:12:40	gap at MA
23/11/10	81523	07:16:56 - 07:18:57	gap at KS
23/11/10	81524	08:56:27 - 08:58:56	gap at KS
23/11/10	81525	10:36:04 - 10:38:35	gap at KS
23/11/10	81526	12:15:28 - 12:17:58	gap at KS
23/11/10	81527	13:54:22 - 13:56:57	gap at KS
23/11/10	81528	15:32:27 - 15:34:58	gap at KS
23/11/10	81529	17:10:11 - 17:12:47	gap at KS
23/11/10	81530	18:48:22 - 18:50:47	gap at KS
23/11/10	81531	20:27:57 - 20:30:03	gap at KS
23/11/10	81532	22:09:34 - 22:11:41	gap at KS
23/11/10	81533	23:54:12 - 23:56:30	gap at KS
23/11/10	81519	00:10:01 - 00:12:15	gap at MS
23/11/10	81525	10:49:36 - 10:52:11	gap at MS
23/11/10	81526	12:28:44 - 12:31:21	gap at MS
23/11/10	81532	21:59:54 - 22:01:42	gap at MS

23/11/10	81533	23:37:51 - 23:40:09	gap at MS
23/11/10	81525	10:44:09 - 10:45:41	gap at MA
23/11/10	81520	01:54:59 - 01:57:11	gap at MI
23/11/10	81521	03:30:25 - 03:33:07	gap at MI
23/11/10	81522	05:14:50 - 05:16:45	gap at MI
23/11/10	81528	15:50:36 - 15:52:57	gap at MI
23/11/10	81528	16:01:54 - 16:03:57	gap at MI
23/11/10	81529	17:31:58 - 17:34:14	gap at MI
23/11/10	81529	17:38:51 - 17:39:59	gap at MI
23/11/10	81520	02:34:07 - 02:40:43	gap at SG
23/11/10	81521	04:12:53 - 04:19:27	gap at SG
23/11/10	81527	15:07:55 - 15:10:31	gap at SG
23/11/10	81528	16:49:34 - 16:52:24	gap at SG
23/11/10	81521	05:10:20 - 05:11:50	gap at CM
23/11/10	81528	15:53:44 - 15:55:30	gap at CM
23/11/10	81529	17:33:59 - 17:35:26	gap at CM
24/11/10	81533	00:32:01 - 00:46:32	gap at HO
24/11/10	81533	00:43:51 - 00:54:39	gap at MM
24/11/10	81534	01:51:29 - 02:02:42	gap at BE
24/11/10	81534	02:26:21 - 02:35:00	gap at MM
24/11/10	81534	01:26:24 - 01:38:00	gap at GS
24/11/10	81535	03:30:11 - 03:43:18	gap at BE
24/11/10	81535	04:09:26 - 04:15:51	gap at MM
24/11/10	81535	03:04:06 - 03:18:00	gap at GS
24/11/10	81536	05:51:54 - 05:57:50	gap at MM
24/11/10	81536	04:46:55 - 04:55:46	gap at GS
24/11/10	81537	07:33:04 - 07:40:52	gap at MM
24/11/10	81537	07:11:43 - 07:24:42	gap at JO
24/11/10	81538	09:13:33 - 09:23:39	gap at MM
24/11/10	81538	08:50:02 - 09:04:29	gap at JO
24/11/10	81539	11:05:10 - 11:13:57	gap at HO
24/11/10	81539	10:53:43 - 11:05:29	gap at MM
24/11/10	81540	12:42:26 - 12:57:09	gap at HO
24/11/10	81540	12:33:41 - 12:46:15	gap at MM
24/11/10	81540	11:55:05 - 11:59:33	gap at MA
24/11/10	81541	14:22:22 - 14:34:55	gap at HO
24/11/10	81541	14:13:23 - 14:26:07	gap at MM
24/11/10	81541	14:37:30 - 14:49:44	gap at SG
24/11/10	81542	14:47:07 - 14:59:56	gap at BE
24/11/10	81542	15:52:50 - 16:05:25	gap at MM
24/11/10	81542	15:13:37 - 15:26:57	gap at GS
24/11/10	81543	17:32:02 - 17:44:33	gap at MM
24/11/10	81543	16:53:05 - 17:06:06	gap at GS
24/11/10	81544	19:11:10 - 19:23:49	gap at MM
24/11/10	81544	19:31:47 - 19:43:41	gap at JO
24/11/10	81545	20:50:37 - 21:03:21	gap at MM
24/11/10	81545	19:49:48 - 20:02:37	gap at MA
24/11/10	81545	21:09:51 - 21:24:36	gap at JO



24/11/10	81546	22:23:26 - 22:35:22	gap at HO
24/11/10	81546	22:30:45 - 22:43:08	gap at MM
24/11/10	81533	23:54:12 - 23:56:30	gap at KS
24/11/10	81537	06:45:47 - 06:47:28	gap at KS
24/11/10	81538	08:25:08 - 08:27:37	gap at KS
24/11/10	81539	10:04:46 - 10:07:17	gap at KS
24/11/10	81540	11:44:16 - 11:46:51	gap at KS
24/11/10	81541	13:23:21 - 13:25:50	gap at KS
24/11/10	81542	15:01:53 - 15:04:31	gap at KS
24/11/10	81543	16:39:29 - 16:42:06	gap at KS
24/11/10	81544	18:17:23 - 18:20:01	gap at KS
24/11/10	81545	19:56:28 - 19:58:37	gap at KS
24/11/10	81546	21:37:22 - 21:39:29	gap at KS
24/11/10	81547	23:20:51 - 23:23:15	gap at KS
24/11/10	81539	10:19:26 - 10:22:01	gap at MS
24/11/10	81540	11:57:09 - 11:59:43	gap at MS
24/11/10	81547	23:06:23 - 23:08:40	gap at MS
24/11/10	81538	08:33:56 - 08:35:27	gap at MA
24/11/10	81539	10:12:51 - 10:14:13	gap at MA
24/11/10	81546	21:28:58 - 21:32:50	gap at MA
24/11/10	81535	02:59:31 - 03:01:52	gap at MI
24/11/10	81536	04:40:18 - 04:42:37	gap at MI
24/11/10	81542	15:19:45 - 15:22:04	gap at MI
24/11/10	81543	16:59:25 - 17:01:47	gap at MI
24/11/10	81534	02:05:04 - 02:07:03	gap at SG
24/11/10	81534	02:11:29 - 02:12:46	gap at SG
24/11/10	81535	03:41:07 - 03:43:27	gap at SG
24/11/10	81535	03:50:57 - 03:54:53	gap at SG
24/11/10	81541	14:37:30 - 14:41:22	gap at SG
24/11/10	81542	16:16:37 - 16:19:17	gap at SG
24/11/10	81535	03:00:07 - 03:01:29	gap at CM
24/11/10	81542	15:23:40 - 15:25:04	gap at CM
24/11/10	81543	17:01:46 - 17:03:17	gap at CM
25/11/10	81547	00:00:48 - 00:15:19	gap at HO
25/11/10	81547	00:11:51 - 00:23:10	gap at MM
25/11/10	81548	01:42:37 - 01:53:25	gap at HO
25/11/10	81548	01:54:02 - 02:03:26	gap at MM
25/11/10	81548	00:56:42 - 01:06:11	gap at GS
25/11/10	81549	02:58:52 - 03:12:17	gap at BE
25/11/10	81549	03:37:02 - 03:44:04	gap at MM
25/11/10	81549	02:32:55 - 02:46:44	gap at GS
25/11/10	81549	02:32:56 - 02:34:43	gap at CM
25/11/10	81550	04:39:23 - 04:49:05	gap at BE
25/11/10	81550	05:19:51 - 05:25:37	gap at MM
25/11/10	81550	04:13:49 - 04:25:30	gap at GS
25/11/10	81551	07:01:23 - 07:08:27	gap at MM
25/11/10	81551	06:42:20 - 06:52:23	gap at JO
25/11/10	81552	08:42:01 - 08:51:26	gap at MM

25/11/10	81552	08:03:53 - 08:13:12	gap at MA
25/11/10	81552	08:18:30 - 08:33:31	gap at JO
25/11/10	81553	10:22:16 - 10:33:36	gap at MM
25/11/10	81553	10:01:51 - 10:09:44	gap at JO
25/11/10	81554	12:11:28 - 12:25:18	gap at HO
25/11/10	81554	12:02:17 - 12:14:41	gap at MM
25/11/10	81554	11:22:31 - 11:30:54	gap at MA
25/11/10	81555	13:50:40 - 14:04:56	gap at HO
25/11/10	81555	13:42:05 - 13:54:48	gap at MM
25/11/10	81555	14:08:11 - 14:16:52	gap at SG
25/11/10	81556	14:15:30 - 14:28:54	gap at BE
25/11/10	81556	15:21:36 - 15:34:15	gap at MM
25/11/10	81556	14:42:47 - 14:53:37	gap at GS
25/11/10	81557	15:58:50 - 16:05:54	gap at BE
25/11/10	81557	17:00:52 - 17:13:24	gap at MM
25/11/10	81557	16:21:39 - 16:35:25	gap at GS
25/11/10	81558	18:40:00 - 18:52:36	gap at MM
25/11/10	81558	18:02:19 - 18:11:24	gap at GS
25/11/10	81558	19:02:44 - 19:09:46	gap at JO
25/11/10	81559	20:19:19 - 20:32:02	gap at MM
25/11/10	81559	19:21:42 - 19:30:34	gap at MA
25/11/10	81559	20:38:34 - 20:53:34	gap at JO
25/11/10	81560	21:54:05 - 22:03:28	gap at HO
25/11/10	81560	21:59:11 - 22:11:45	gap at MM
25/11/10	81560	22:19:31 - 22:30:01	gap at JO
25/11/10	81561	23:29:43 - 23:44:02	gap at HO
25/11/10	81561	23:39:58 - 23:51:42	gap at MM
25/11/10	81561	22:42:26 - 22:47:40	gap at MA
25/11/10	81551	06:14:50 - 06:16:34	gap at KS
25/11/10	81552	07:53:51 - 07:56:19	gap at KS
25/11/10	81553	09:33:27 - 09:35:57	gap at KS
25/11/10	81554	11:13:01 - 11:15:33	gap at KS
25/11/10	81555	12:52:16 - 12:54:47	gap at KS
25/11/10	81556	14:31:02 - 14:33:37	gap at KS
25/11/10	81557	16:08:45 - 16:11:18	gap at KS
25/11/10	81558	17:46:40 - 17:49:16	gap at KS
25/11/10	81559	19:25:10 - 19:27:13	gap at KS
25/11/10	81560	21:05:25 - 21:07:30	gap at KS
25/11/10	81561	22:47:59 - 22:50:17	gap at KS
25/11/10	81548	00:49:39 - 00:51:17	gap at MS
25/11/10	81554	11:25:59 - 11:28:37	gap at MS
25/11/10	81555	13:06:41 - 13:09:15	gap at MS
25/11/10	81561	22:35:31 - 22:37:50	gap at MS
25/11/10	81553	09:41:31 - 09:42:56	gap at MA
25/11/10	81560	20:57:07 - 20:59:44	gap at MA
25/11/10	81549	02:29:18 - 02:31:35	gap at MI
25/11/10	81550	04:07:47 - 04:10:54	gap at MI
25/11/10	81556	14:49:33 - 14:51:52	gap at MI

25/11/10	81557	16:27:37 - 16:30:02	gap at MI
25/11/10	81549	03:10:00 - 03:12:52	gap at SG
25/11/10	81550	04:51:40 - 04:53:42	gap at SG
25/11/10	81555	14:08:11 - 14:10:08	gap at SG
25/11/10	81556	15:44:44 - 15:47:24	gap at SG
25/11/10	81556	15:54:15 - 15:58:24	gap at SG
25/11/10	81557	16:30:16 - 16:31:39	gap at CM
26/11/10	81562	01:09:53 - 01:22:58	gap at HO
26/11/10	81562	01:21:48 - 01:31:53	gap at MM
26/11/10	81563	02:27:47 - 02:40:45	gap at BE
26/11/10	81563	03:04:37 - 03:12:22	gap at MM
26/11/10	81563	02:02:10 - 02:15:20	gap at GS
26/11/10	81563	02:39:33 - 02:51:50	gap at SG
26/11/10	81563	03:35:26 - 03:47:17	gap at CM
26/11/10	81564	04:07:29 - 04:19:17	gap at BE
26/11/10	81564	04:47:38 - 04:53:33	gap at MM
26/11/10	81564	03:41:32 - 03:54:43	gap at GS
26/11/10	81565	06:29:36 - 06:36:03	gap at MM
26/11/10	81566	08:10:26 - 08:19:08	gap at MM
26/11/10	81566	07:47:32 - 08:02:11	gap at JO
26/11/10	81567	09:50:47 - 10:01:36	gap at MM
26/11/10	81567	09:28:12 - 09:40:27	gap at JO
26/11/10	81568	11:30:53 - 11:43:02	gap at MM
26/11/10	81569	13:10:44 - 13:23:26	gap at MM
26/11/10	81570	15:00:05 - 15:09:12	gap at HO
26/11/10	81570	14:50:21 - 15:03:03	gap at MM
26/11/10	81570	14:21:14 - 14:25:08	gap at MI
26/11/10	81570	14:12:25 - 14:21:48	gap at GS
26/11/10	81570	15:13:31 - 15:27:18	gap at SG
26/11/10	81571	15:25:19 - 15:36:09	gap at BE
26/11/10	81571	16:29:42 - 16:42:15	gap at MM
26/11/10	81571	15:50:22 - 16:04:18	gap at GS
26/11/10	81572	18:08:51 - 18:21:24	gap at MM
26/11/10	81572	17:30:27 - 17:41:48	gap at GS
26/11/10	81573	19:48:03 - 20:00:45	gap at MM
26/11/10	81573	18:53:07 - 18:57:26	gap at MA
26/11/10	81573	20:07:39 - 20:21:58	gap at JO
26/11/10	81574	21:27:43 - 21:40:23	gap at MM
26/11/10	81574	20:25:59 - 20:39:45	gap at MA
26/11/10	81574	21:47:17 - 22:00:30	gap at JO
26/11/10	81575	22:59:14 - 23:12:37	gap at HO
26/11/10	81575	23:08:11 - 23:20:16	gap at MM
26/11/10	81566	07:22:36 - 07:24:30	gap at KS
26/11/10	81567	09:02:08 - 09:04:38	gap at KS
26/11/10	81568	10:41:45 - 10:44:17	gap at KS
26/11/10	81569	12:21:08 - 12:23:39	gap at KS
26/11/10	81570	14:00:02 - 14:02:37	gap at KS
26/11/10	81571	15:38:03 - 15:40:42	gap at KS

26/11/10	81572	17:15:52 - 17:18:27	gap at KS
26/11/10	81573	18:54:01 - 18:56:14	gap at KS
26/11/10	81574	20:33:42 - 20:35:51	gap at KS
26/11/10	81575	22:15:27 - 22:17:38	gap at KS
26/11/10	81562	00:15:58 - 00:18:12	gap at MS
26/11/10	81568	10:55:03 - 10:57:38	gap at MS
26/11/10	81569	12:34:29 - 12:37:00	gap at MS
26/11/10	81575	22:05:19 - 22:07:08	gap at MS
26/11/10	81576	23:43:39 - 23:45:58	gap at MS
26/11/10	81568	10:49:55 - 10:51:31	gap at MA
26/11/10	81575	22:08:21 - 22:09:35	gap at MA
26/11/10	81563	02:00:06 - 02:02:19	gap at MI
26/11/10	81564	03:36:07 - 03:38:42	gap at MI
26/11/10	81571	15:56:15 - 16:08:06	gap at MI
26/11/10	81572	17:38:02 - 17:43:57	gap at MI
26/11/10	81564	04:18:44 - 04:28:56	gap at SG
26/11/10	81570	15:13:31 - 15:15:55	gap at SG
26/11/10	81571	16:55:47 - 16:58:20	gap at SG
26/11/10	81565	05:16:24 - 05:17:32	gap at CM
26/11/10	81571	15:59:18 - 16:00:48	gap at CM
26/11/10	81572	17:39:57 - 17:41:21	gap at CM
27/11/10	81576	00:37:54 - 00:52:11	gap at HO
27/11/10	81576	00:49:41 - 01:00:22	gap at MM
27/11/10	81576	00:00:21 - 00:05:49	gap at KS
27/11/10	81577	01:57:01 - 02:08:38	gap at BE
27/11/10	81577	02:32:14 - 02:40:45	gap at MM
27/11/10	81577	01:31:51 - 01:43:46	gap at GS
27/11/10	81577	02:10:11 - 02:18:58	gap at SG
27/11/10	81578	03:35:54 - 03:48:53	gap at BE
27/11/10	81578	04:15:19 - 04:21:38	gap at MM
27/11/10	81578	03:09:49 - 03:23:40	gap at GS
27/11/10	81578	03:46:51 - 04:00:29	gap at SG
27/11/10	81579	05:57:43 - 06:03:42	gap at MM
27/11/10	81580	07:38:49 - 07:46:45	gap at MM
27/11/10	81580	07:17:10 - 07:30:30	gap at JO
27/11/10	81581	09:19:17 - 09:29:30	gap at MM
27/11/10	81581	08:55:50 - 09:10:04	gap at JO
27/11/10	81582	10:59:27 - 11:11:16	gap at MM
27/11/10	81583	12:39:23 - 12:51:59	gap at MM
27/11/10	81584	14:28:08 - 14:40:10	gap at HO
27/11/10	81584	14:19:05 - 14:31:48	gap at MM
27/11/10	81584	14:42:58 - 14:55:35	gap at SG
27/11/10	81585	14:52:56 - 15:05:33	gap at BE
27/11/10	81585	15:58:30 - 16:11:05	gap at MM
27/11/10	81585	15:19:15 - 15:32:44	gap at GS
27/11/10	81586	17:37:41 - 17:50:13	gap at MM
27/11/10	81586	16:58:49 - 17:11:38	gap at GS
27/11/10	81587	19:16:51 - 19:29:30	gap at MM

27/11/10	81587	19:37:14 - 19:49:39	gap at JO
27/11/10	81588	20:56:19 - 21:09:03	gap at MM
27/11/10	81588	21:15:35 - 21:30:11	gap at JO
27/11/10	81589	22:28:52 - 22:41:06	gap at HO
27/11/10	81589	22:36:30 - 22:48:51	gap at MM
27/11/10	81589	21:34:46 - 21:47:38	gap at MA
27/11/10	81580	06:51:26 - 06:53:20	gap at KS
27/11/10	81581	08:30:50 - 08:33:18	gap at KS
27/11/10	81582	10:10:27 - 10:12:58	gap at KS
27/11/10	81583	11:49:57 - 11:52:33	gap at KS
27/11/10	81584	13:28:59 - 13:31:29	gap at KS
27/11/10	81585	15:07:26 - 15:10:01	gap at KS
27/11/10	81586	16:45:03 - 16:47:39	gap at KS
27/11/10	81587	18:23:01 - 18:25:32	gap at KS
27/11/10	81588	20:02:11 - 20:04:16	gap at KS
27/11/10	81589	21:43:12 - 21:45:18	gap at KS
27/11/10	81590	23:26:52 - 23:29:14	gap at KS
27/11/10	81582	10:24:53 - 10:27:31	gap at MS
27/11/10	81583	12:02:55 - 12:05:24	gap at MS
27/11/10	81590	23:12:04 - 23:14:28	gap at MS
27/11/10	81581	08:39:42 - 08:40:57	gap at MA
27/11/10	81582	10:18:32 - 10:20:01	gap at MA
27/11/10	81588	19:55:19 - 19:58:00	gap at MA
27/11/10	81578	03:05:05 - 03:07:22	gap at MI
27/11/10	81579	04:46:21 - 04:48:39	gap at MI
27/11/10	81585	15:25:19 - 15:27:42	gap at MI
27/11/10	81586	17:05:16 - 17:07:39	gap at MI
27/11/10	81584	14:42:58 - 14:47:23	gap at SG
27/11/10	81585	16:22:31 - 16:25:13	gap at SG
27/11/10	81578	03:05:26 - 03:06:44	gap at CM
27/11/10	81585	15:29:03 - 15:30:27	gap at CM
27/11/10	81586	17:07:34 - 17:09:02	gap at CM
28/11/10	81590	00:06:25 - 00:21:00	gap at HO
28/11/10	81590	00:17:40 - 00:28:53	gap at MM
28/11/10	81591	01:48:58 - 01:58:53	gap at HO
28/11/10	81591	01:59:54 - 02:09:10	gap at MM
28/11/10	81591	01:02:03 - 01:11:59	gap at GS
28/11/10	81592	03:04:32 - 03:17:57	gap at BE
28/11/10	81592	03:42:55 - 03:49:50	gap at MM
28/11/10	81592	02:38:34 - 02:52:26	gap at GS
28/11/10	81592	02:37:11 - 02:41:41	gap at CM
28/11/10	81592	04:11:58 - 04:24:21	gap at CM
28/11/10	81593	04:45:15 - 04:54:25	gap at BE
28/11/10	81593	05:25:41 - 05:31:28	gap at MM
28/11/10	81593	04:13:37 - 04:25:52	gap at MI
28/11/10	81593	04:19:45 - 04:31:03	gap at GS
28/11/10	81594	07:07:09 - 07:14:21	gap at MM
28/11/10	81594	06:47:35 - 06:58:19	gap at JO

28/11/10	81595	08:47:45 - 08:57:18	gap at MM
28/11/10	81595	08:24:11 - 08:39:11	gap at JO
28/11/10	81596	10:27:59 - 10:39:24	gap at MM
28/11/10	81596	10:08:17 - 10:14:45	gap at JO
28/11/10	81597	12:08:00 - 12:20:26	gap at MM
28/11/10	81597	11:28:24 - 11:36:24	gap at MA
28/11/10	81598	13:56:25 - 14:10:23	gap at HO
28/11/10	81598	13:47:46 - 14:00:30	gap at MM
28/11/10	81598	14:13:23 - 14:22:58	gap at SG
28/11/10	81599	14:21:13 - 14:34:34	gap at BE
28/11/10	81599	15:27:17 - 15:39:55	gap at MM
28/11/10	81599	14:54:58 - 15:05:44	gap at MI
28/11/10	81599	14:48:22 - 15:00:39	gap at GS
28/11/10	81600	16:05:11 - 16:11:05	gap at BE
28/11/10	81600	17:06:32 - 17:19:04	gap at MM
28/11/10	81600	16:33:21 - 16:46:06	gap at MI
28/11/10	81600	16:27:22 - 16:41:01	gap at GS
28/11/10	81601	18:45:40 - 18:58:16	gap at MM
28/11/10	81601	18:08:09 - 18:16:43	gap at GS
28/11/10	81601	19:07:49 - 19:16:08	gap at JO
28/11/10	81602	20:25:00 - 20:37:44	gap at MM
28/11/10	81602	19:27:03 - 19:36:24	gap at MA
28/11/10	81602	20:44:14 - 20:59:15	gap at JO
28/11/10	81603	22:04:55 - 22:17:27	gap at MM
28/11/10	81603	21:03:00 - 21:16:26	gap at MA
28/11/10	81603	22:25:28 - 22:35:15	gap at JO
28/11/10	81604	23:35:21 - 23:49:44	gap at HO
28/11/10	81604	23:45:45 - 23:57:25	gap at MM
28/11/10	81594	06:20:27 - 06:21:59	gap at KS
28/11/10	81595	07:59:32 - 08:02:01	gap at KS
28/11/10	81596	09:39:09 - 09:41:39	gap at KS
28/11/10	81597	11:18:42 - 11:21:16	gap at KS
28/11/10	81598	12:57:55 - 13:00:27	gap at KS
28/11/10	81599	14:36:40 - 14:39:16	gap at KS
28/11/10	81600	16:14:20 - 16:17:01	gap at KS
28/11/10	81601	17:52:14 - 17:55:02	gap at KS
28/11/10	81602	19:30:50 - 19:33:02	gap at KS
28/11/10	81603	21:11:13 - 21:13:17	gap at KS
28/11/10	81604	22:53:56 - 22:56:14	gap at KS
28/11/10	81597	11:31:39 - 11:34:22	gap at MS
28/11/10	81598	13:12:35 - 13:15:06	gap at MS
28/11/10	81604	22:41:05 - 22:43:17	gap at MS
28/11/10	81595	08:09:14 - 08:10:42	gap at MA
28/11/10	81596	09:47:12 - 09:49:05	gap at MA
28/11/10	81592	02:34:44 - 02:37:05	gap at MI
28/11/10	81592	03:15:37 - 03:18:14	gap at SG
28/11/10	81592	03:26:11 - 03:29:25	gap at SG
28/11/10	81593	04:57:53 - 05:00:20	gap at SG

28/11/10	81598	14:13:23 - 14:15:35	gap at SG
28/11/10	81599	15:50:29 - 15:53:04	gap at SG
28/11/10	81600	16:35:57 - 16:37:31	gap at CM
29/11/10	81605	01:15:43 - 01:28:32	gap at HO
29/11/10	81605	01:27:40 - 01:37:37	gap at MM
29/11/10	81606	02:33:25 - 02:46:32	gap at BE
29/11/10	81606	03:10:30 - 03:18:08	gap at MM
29/11/10	81606	02:05:18 - 02:14:05	gap at MI
29/11/10	81606	02:07:44 - 02:21:03	gap at GS
29/11/10	81606	03:40:59 - 03:53:02	gap at CM
29/11/10	81607	04:13:16 - 04:24:45	gap at BE
29/11/10	81607	04:53:30 - 04:59:22	gap at MM
29/11/10	81607	03:41:49 - 03:55:06	gap at MI
29/11/10	81607	03:47:22 - 04:00:21	gap at GS
29/11/10	81608	06:35:23 - 06:41:56	gap at MM
29/11/10	81608	05:49:59 - 05:52:29	gap at KS
29/11/10	81609	08:16:11 - 08:25:00	gap at MM
29/11/10	81609	07:53:07 - 08:07:55	gap at JO
29/11/10	81610	09:56:31 - 10:07:26	gap at MM
29/11/10	81610	09:34:11 - 09:45:53	gap at JO
29/11/10	81611	11:36:35 - 11:48:48	gap at MM
29/11/10	81612	13:16:26 - 13:29:08	gap at MM
29/11/10	81613	15:05:55 - 15:14:40	gap at HO
29/11/10	81613	14:56:02 - 15:08:43	gap at MM
29/11/10	81613	14:17:53 - 14:27:53	gap at GS
29/11/10	81613	15:19:09 - 15:33:00	gap at SG
29/11/10	81614	15:31:18 - 15:41:39	gap at BE
29/11/10	81614	16:35:22 - 16:47:54	gap at MM
29/11/10	81614	15:56:03 - 16:09:59	gap at GS
29/11/10	81615	18:14:30 - 18:27:04	gap at MM
29/11/10	81615	17:36:13 - 17:47:13	gap at GS
29/11/10	81616	19:53:44 - 20:06:26	gap at MM
29/11/10	81616	18:58:20 - 19:03:08	gap at MA
29/11/10	81616	20:13:14 - 20:27:45	gap at JO
29/11/10	81617	21:33:26 - 21:46:05	gap at MM
29/11/10	81617	20:31:36 - 20:45:19	gap at MA
29/11/10	81617	21:53:06 - 22:05:56	gap at JO
29/11/10	81618	23:04:43 - 23:18:21	gap at HO
29/11/10	81618	23:13:57 - 23:25:59	gap at MM
29/11/10	81618	22:14:23 - 22:23:39	gap at MA
29/11/10	81609	07:28:17 - 07:30:20	gap at KS
29/11/10	81610	09:07:50 - 09:10:21	gap at KS
29/11/10	81611	10:47:26 - 10:49:59	gap at KS
29/11/10	81612	12:26:48 - 12:29:19	gap at KS
29/11/10	81613	14:05:41 - 14:08:17	gap at KS
29/11/10	81614	15:43:38 - 15:46:16	gap at KS
29/11/10	81615	17:21:29 - 17:24:06	gap at KS
29/11/10	81616	18:59:40 - 19:02:04	gap at KS

29/11/10	81617	20:39:27 - 20:41:31	gap at KS
29/11/10	81618	22:21:20 - 22:23:24	gap at KS
29/11/10	81605	00:21:57 - 00:24:21	gap at MS
29/11/10	81611	11:00:39 - 11:03:16	gap at MS
29/11/10	81612	12:40:15 - 12:42:45	gap at MS
29/11/10	81618	22:10:45 - 22:12:45	gap at MS
29/11/10	81619	23:49:28 - 23:52:22	gap at MS
29/11/10	81610	09:16:23 - 09:17:32	gap at MA
29/11/10	81611	10:55:42 - 10:57:34	gap at MA
29/11/10	81613	14:25:59 - 14:28:05	gap at MI
29/11/10	81614	16:01:55 - 16:04:19	gap at MI
29/11/10	81615	17:44:13 - 17:46:26	gap at MI
29/11/10	81606	02:45:02 - 02:47:23	gap at SG
29/11/10	81607	04:24:37 - 04:26:43	gap at SG
29/11/10	81608	05:22:33 - 05:24:00	gap at CM
29/11/10	81614	16:04:53 - 16:06:43	gap at CM
29/11/10	81615	17:45:59 - 17:47:20	gap at CM
30/11/10	81619	00:43:42 - 00:57:48	gap at HO
30/11/10	81619	00:55:31 - 01:06:06	gap at MM
30/11/10	81619	00:06:32 - 00:11:21	gap at KS
30/11/10	81620	02:02:35 - 02:14:31	gap at BE
30/11/10	81620	02:38:07 - 02:46:30	gap at MM
30/11/10	81620	01:37:20 - 01:49:31	gap at GS
30/11/10	81621	03:41:38 - 03:54:27	gap at BE
30/11/10	81621	04:21:12 - 04:27:26	gap at MM
30/11/10	81621	03:15:33 - 03:29:20	gap at GS
30/11/10	81622	06:03:31 - 06:09:34	gap at MM
30/11/10	81623	07:44:35 - 07:52:39	gap at MM
30/11/10	81623	07:22:38 - 07:36:18	gap at JO
30/11/10	81624	09:25:01 - 09:35:21	gap at MM
30/11/10	81624	09:01:39 - 09:15:38	gap at JO
30/11/10	81625	11:05:10 - 11:17:03	gap at MM
30/11/10	81625	10:30:22 - 10:40:45	gap at MS
30/11/10	81626	12:45:05 - 12:57:42	gap at MM
30/11/10	81626	12:08:38 - 12:21:35	gap at MS
30/11/10	81627	14:33:55 - 14:45:36	gap at HO
30/11/10	81627	14:24:46 - 14:37:29	gap at MM
30/11/10	81627	14:48:28 - 15:01:24	gap at SG
30/11/10	81628	14:58:46 - 15:11:09	gap at BE
30/11/10	81628	16:04:10 - 16:16:45	gap at MM
30/11/10	81628	15:24:54 - 15:38:30	gap at GS
30/11/10	81629	17:43:21 - 17:55:53	gap at MM
30/11/10	81629	17:04:33 - 17:17:09	gap at GS
30/11/10	81630	19:22:31 - 19:35:11	gap at MM
30/11/10	81630	19:42:42 - 19:55:36	gap at JO
30/11/10	81631	21:02:01 - 21:14:44	gap at MM
30/11/10	81631	20:00:52 - 20:14:14	gap at MA
30/11/10	81631	21:21:19 - 21:35:45	gap at JO



30/11/10	81632	22:34:19 - 22:46:50	gap at HO
30/11/10	81632	22:42:15 - 22:54:34	gap at MM
30/11/10	81632	21:40:35 - 21:53:13	gap at MA
30/11/10	81633	23:32:55 - 23:40:39	gap at KS
30/11/10	81623	06:57:06 - 06:59:02	gap at KS
30/11/10	81624	08:36:31 - 08:39:01	gap at KS
30/11/10	81625	10:16:09 - 10:18:41	gap at KS
30/11/10	81626	11:55:37 - 11:58:13	gap at KS
30/11/10	81627	13:34:37 - 13:37:09	gap at KS
30/11/10	81628	15:12:59 - 15:15:35	gap at KS
30/11/10	81629	16:50:36 - 16:53:16	gap at KS
30/11/10	81630	18:28:38 - 18:31:09	gap at KS
30/11/10	81631	20:07:54 - 20:09:58	gap at KS
30/11/10	81632	21:49:03 - 21:51:03	gap at KS
30/11/10	81619	23:49:28 - 23:52:22	gap at MS
30/11/10	81633	23:17:46 - 23:20:04	gap at MS
30/11/10	81624	08:45:29 - 08:47:07	gap at MA
30/11/10	81625	10:24:11 - 10:26:09	gap at MA
30/11/10	81621	03:10:41 - 03:13:04	gap at MI
30/11/10	81622	04:52:27 - 04:54:45	gap at MI
30/11/10	81628	15:30:54 - 15:33:19	gap at MI
30/11/10	81629	17:11:08 - 17:13:28	gap at MI
30/11/10	81621	03:52:35 - 04:05:13	gap at SG
30/11/10	81627	14:48:28 - 14:53:04	gap at SG
30/11/10	81628	16:28:26 - 16:31:13	gap at SG
30/11/10	81621	03:10:49 - 03:12:11	gap at CM
30/11/10	81628	15:34:29 - 15:36:14	gap at CM
30/11/10	81629	17:13:23 - 17:14:49	gap at CM

Lamp Failures:

Date	Lamp Failure	remark
12/11/10	Lamp Failure (no. 273) Orbit 81367	Lamp Failure occurred at restart Start 09:51:58 (no visibility gs) Stop 09:52:16 (no visibility gs)

cooler switchings: none

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/11/10	81254 - 81269	~12:00 (04/11/10) - ~13:00 (05/11/10)	Narrow Swath Timeline GMNNOT41 executed

14-15/11/10	81398 - 81411	~13:30:00 (14/11/10) - ~12:00 (15/11/10)	Narrow Swath Timeline GMNNOT41 executed
24-25/11/10	81542 - 81555	~15:00 (21/11/10) - ~12:00 (25/11/10)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
02/11/10	81220	02:57:27	Corrupted products at GS anomalous values for most parameters
08/11/10	81313	15:36:45	Corrupted products at MI anomalous values for most parameters
19/11/10	81464	04:41:36	Corrupted products at SG anomalous values for most parameters