

GOME Operations for July 2010

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

GOME Operations during July 2010

Date	Operations	remark
01/07/10	data available within visibility of groundstation	start of sun calibration: 19:50:08.733
02/07/10	data available within visibility of groundstation	start of sun calibration: 19:18:29.316
03/07/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
04/07/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
05/07/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
06/07/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
07/07/10	data available within visibility of groundstation	start of sun calibration: 20:01:46.799
08/07/10	data available within visibility of groundstation	start of sun calibration: 19:30:08.856
09/07/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
10/07/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
11/07/10	data available within visibility of groundstation	start of sun calibration: 17:55:28.608
12/07/10	data available within visibility of groundstation	start of sun calibration: 17:23:53.703
13/07/10	data available within visibility of groundstation	start of sun calibration: 16:52:29.292
14/07/10	data available within visibility of groundstation	start of sun calibration: 19:41:57.015
15/07/10	data available within visibility of groundstation	start of sun calibration: 19:10:23
16/07/10	data available within visibility of groundstation	start of sun calibration: 18:38:51.680
17/07/10	data available within visibility of groundstation	start of sun calibration: 18:07:18.244
18/07/10	data available within visibility of groundstation	start of sun calibration: 17:35:44.817
19/07/10	data available within visibility of groundstation	start of sun calibration: 17:04:05.402
20/07/10	data available within visibility of groundstation	start of sun calibration: 19:53:45.200
21/07/10	GOME OFF Start: 03:24 End: 09:26 data available within visibility of groundstation SEU	start of sun calibration: 19:22:12.995
22/07/10	data available within visibility of groundstation	start of sun calibration: 18:50:39.546

23/07/10	data available within visibility of groundstation	start of sun calibration: 18:19:06.123
24/07/10	data available within visibility of groundstation	start of sun calibration: 17:47:31.686
25/07/10	data available within visibility of groundstation	start of sun calibration: 17:16:04.274
26/07/10	data available within visibility of groundstation	start of sun calibration: 16:44:32.367
27/07/10	data available within visibility of groundstation	no solar calibration available due to missing data
28/07/10	quarterly calibration during Orbits 79841 - 79842 two orbits in Nadir Static View 79839, 79840 data available within visibility of groundstation	start of sun calibration: 19:02:37.287
29/07/10	quarterly calibration during Orbits 79844-79847 data available within visibility of groundstation	start of sun calibration: 18:31:03.933
30/07/10	data available within visibility of groundstation	start of sun calibration: 17:59:30.550
31/07/10	data available within visibility of groundstation	start of sun calibration: 17:27:58.648

Anomalies:

single event upsets (SEU):

Date	Reason
21/07/10	When GOME went back on an anomaly occurred from 09:34:30 to 12:07:23 orbits 79735-79736, 3xNack flag on, afterwards the data were back to nominal.

list of datagaps:

Date	Orbit No.	duration	reason
01/07/10	79443	00:20:34 - 00:35:12	gap at HO
01/07/10	79443	00:32:12 - 00:43:12	gap at MM
01/07/10	79444	02:04:47 - 02:12:07	gap at HO
01/07/10	79445	03:18:46 - 03:32:04	gap at BE
01/07/10	79445	03:57:39 - 04:04:17	gap at MM
01/07/10	79445	02:48:26 - 03:00:56	gap at MI
01/07/10	79445	03:29:44 - 03:43:37	gap at SG
01/07/10	79445	02:49:38 - 02:57:17	gap at CM
01/07/10	79445	04:26:17 - 04:38:24	gap at CM
01/07/10	79446	05:40:16 - 05:46:06	gap at MM
01/07/10	79446	04:28:21 - 04:39:38	gap at MI
01/07/10	79446	04:34:45 - 04:44:51	gap at GS
01/07/10	79447	07:21:33 - 07:29:05	gap at MM
01/07/10	79447	07:00:55 - 07:13:02	gap at JO
01/07/10	79448	09:02:05 - 09:11:57	gap at MM

01/07/10	79448	08:38:30 - 08:53:16	gap at JO
01/07/10	79449	10:42:17 - 10:53:54	gap at MM
01/07/10	79450	12:22:16 - 12:34:47	gap at MM
01/07/10	79450	11:42:55 - 11:49:28	gap at MA
01/07/10	79451	12:57:21 - 13:08:49	gap at BE
01/07/10	79451	14:02:00 - 14:14:44	gap at MM
01/07/10	79451	14:26:40 - 14:37:56	gap at SG
01/07/10	79452	14:35:34 - 14:48:41	gap at BE
01/07/10	79452	15:41:29 - 15:54:05	gap at MM
01/07/10	79452	15:08:40 - 15:20:33	gap at MI
01/07/10	79452	15:02:22 - 15:15:18	gap at GS
01/07/10	79452	16:04:56 - 16:17:51	gap at SG
01/07/10	79452	15:13:06 - 15:20:43	gap at CM
01/07/10	79453	17:20:42 - 17:33:13	gap at MM
01/07/10	79453	16:47:48 - 16:59:53	gap at MI
01/07/10	79453	16:41:39 - 16:54:59	gap at GS
01/07/10	79453	16:50:15 - 17:02:18	gap at CM
01/07/10	79454	18:59:50 - 19:12:28	gap at MM
01/07/10	79454	18:06:09 - 18:19:34	gap at KS
01/07/10	79454	18:22:50 - 18:29:51	gap at GS
01/07/10	79454	19:20:59 - 19:31:36	gap at JO
01/07/10	79455	20:39:14 - 20:51:58	gap at MM
01/07/10	79455	19:38:48 - 19:50:55	gap at MA
01/07/10	79455	19:45:04 - 19:59:03	gap at KS
01/07/10	79455	20:58:26 - 21:13:23	gap at JO
01/07/10	79456	22:12:38 - 22:23:50	gap at HO
01/07/10	79456	22:19:16 - 22:31:43	gap at MM
01/07/10	79456	21:17:25 - 21:30:39	gap at MA
01/07/10	79456	21:25:44 - 21:38:41	gap at KS
01/07/10	79456	22:40:35 - 22:48:04	gap at JO
01/07/10	79457	23:49:30 - 00:03:57	gap at HO
01/07/10	79457	22:55:06 - 23:08:27	gap at MS
01/07/10	79457	23:08:51 - 23:18:04	gap at KS
01/07/10	79448	08:13:45 - 08:15:24	gap at KS
01/07/10	79449	09:53:23 - 09:55:02	gap at KS
01/07/10	79450	11:32:55 - 11:34:38	gap at KS
01/07/10	79451	13:12:03 - 13:13:40	gap at KS
01/07/10	79452	14:50:43 - 14:52:26	gap at KS
01/07/10	79453	16:28:22 - 16:30:04	gap at KS
01/07/10	79444	01:15:32 - 01:16:36	gap at GS
01/07/10	79445	02:52:43 - 02:53:44	gap at GS
01/07/10	79449	10:08:38 - 10:10:18	gap at MS
01/07/10	79450	11:45:49 - 11:47:32	gap at MS
01/07/10	79451	13:27:40 - 13:29:10	gap at MS
01/07/10	79449	10:01:25 - 10:02:29	gap at MA
02/07/10	79457	23:49:30 - 00:03:57	gap at HO
02/07/10	79457	00:00:14 - 00:11:43	gap at MM
02/07/10	79458	01:30:34 - 01:42:23	gap at HO

02/07/10	79458	01:42:18 - 01:51:57	gap at MM
02/07/10	79458	00:46:04 - 00:54:31	gap at GS
02/07/10	79459	02:47:32 - 03:00:53	gap at BE
02/07/10	79459	03:25:14 - 03:32:32	gap at MM
02/07/10	79459	02:18:31 - 02:28:54	gap at MI
02/07/10	79459	02:22:54 - 02:35:20	gap at GS
02/07/10	79459	02:58:50 - 03:12:12	gap at SG
02/07/10	79459	03:54:59 - 04:07:20	gap at CM
02/07/10	79460	04:27:45 - 04:38:20	gap at BE
02/07/10	79460	05:08:09 - 05:13:56	gap at MM
02/07/10	79460	03:56:11 - 04:09:09	gap at MI
02/07/10	79460	04:02:00 - 04:14:21	gap at GS
02/07/10	79460	04:39:30 - 04:49:41	gap at SG
02/07/10	79461	06:49:50 - 06:56:40	gap at MM
02/07/10	79461	06:03:42 - 06:09:09	gap at KS
02/07/10	79461	05:38:35 - 05:42:40	gap at CM
02/07/10	79461	06:31:59 - 06:40:22	gap at JO
02/07/10	79462	07:52:55 - 07:59:48	gap at MA
02/07/10	79462	08:07:10 - 08:22:10	gap at JO
02/07/10	79463	10:10:49 - 10:21:59	gap at MM
02/07/10	79463	09:49:22 - 09:59:18	gap at JO
02/07/10	79464	12:00:13 - 12:13:34	gap at HO
02/07/10	79465	13:39:14 - 13:53:43	gap at HO
02/07/10	79466	14:04:08 - 14:17:33	gap at BE
02/07/10	79466	15:20:34 - 15:28:10	gap at HO
02/07/10	79466	14:31:40 - 14:42:40	gap at GS
02/07/10	79467	15:46:27 - 15:55:15	gap at BE
02/07/10	79467	16:49:32 - 17:02:04	gap at MM
02/07/10	79467	16:10:16 - 16:24:09	gap at GS
02/07/10	79467	16:18:56 - 16:31:19	gap at CM
02/07/10	79468	17:50:41 - 18:00:43	gap at GS
02/07/10	79468	18:01:33 - 18:06:10	gap at CM
02/07/10	79469	19:11:09 - 19:18:51	gap at MA
02/07/10	79469	20:27:16 - 20:42:09	gap at JO
02/07/10	79470	20:45:44 - 20:59:26	gap at MA
02/07/10	79470	22:07:43 - 22:19:24	gap at JO
02/07/10	79471	23:18:30 - 23:32:38	gap at HO
02/07/10	79471	22:29:42 - 22:37:10	gap at MA
02/07/10	79462	07:42:29 - 07:43:46	gap at KS
02/07/10	79463	09:22:04 - 09:23:42	gap at KS
02/07/10	79464	11:01:39 - 11:03:18	gap at KS
02/07/10	79465	12:40:57 - 12:42:35	gap at KS
02/07/10	79466	14:19:47 - 14:23:56	gap at KS
02/07/10	79467	15:57:35 - 15:59:16	gap at KS
02/07/10	79468	17:35:30 - 17:37:13	gap at KS
02/07/10	79469	19:13:49 - 19:15:05	gap at KS
02/07/10	79470	20:53:52 - 20:55:05	gap at KS
02/07/10	79471	22:36:07 - 22:37:09	gap at KS

02/07/10	79458	00:37:08 - 00:38:08	gap at MS
02/07/10	79464	11:14:42 - 11:16:24	gap at MS
02/07/10	79465	12:54:54 - 12:56:37	gap at MS
02/07/10	79471	22:24:27 - 22:25:42	gap at MS
02/07/10	79463	09:30:11 - 09:31:28	gap at MA
02/07/10	79466	14:38:51 - 14:40:17	gap at MI
02/07/10	79467	16:16:10 - 16:17:40	gap at MI
02/07/10	79468	18:28:40 - 18:30:18	gap at MM
02/07/10	79469	20:07:56 - 20:09:08	gap at MM
02/07/10	79470	21:47:44 - 21:49:33	gap at MM
02/07/10	79471	23:28:23 - 23:29:26	gap at MM
02/07/10	79466	15:33:19 - 15:35:00	gap at SG
03/07/10	79472	00:58:16 - 01:11:47	gap at HO
03/07/10	79472	01:10:07 - 01:20:25	gap at MM
03/07/10	79472	00:22:22 - 00:24:51	gap at KS
03/07/10	79473	02:16:33 - 02:29:09	gap at BE
03/07/10	79473	01:51:06 - 02:03:52	gap at GS
03/07/10	79474	03:55:58 - 04:08:18	gap at BE
03/07/10	79474	03:29:57 - 03:43:27	gap at GS
03/07/10	79474	03:24:25 - 03:35:43	gap at CM
03/07/10	79474	05:04:20 - 05:14:15	gap at CM
03/07/10	79476	07:36:25 - 07:50:43	gap at JO
03/07/10	79477	09:39:20 - 09:49:57	gap at MM
03/07/10	79477	09:16:19 - 09:29:29	gap at JO
03/07/10	79479	12:59:20 - 13:12:00	gap at MM
03/07/10	79480	14:48:25 - 14:58:21	gap at HO
03/07/10	79480	14:38:59 - 14:51:41	gap at MM
03/07/10	79480	14:01:36 - 14:09:31	gap at GS
03/07/10	79480	15:02:19 - 15:15:51	gap at SG
03/07/10	79481	15:13:27 - 15:25:05	gap at BE
03/07/10	79481	16:18:21 - 16:30:55	gap at MM
03/07/10	79481	15:39:02 - 15:52:52	gap at GS
03/07/10	79481	15:48:12 - 15:59:36	gap at CM
03/07/10	79482	17:18:55 - 17:30:53	gap at GS
03/07/10	79482	17:28:03 - 17:37:52	gap at CM
03/07/10	79483	19:36:42 - 19:49:23	gap at MM
03/07/10	79483	19:56:31 - 20:10:19	gap at JO
03/07/10	79484	21:16:17 - 21:28:59	gap at MM
03/07/10	79484	20:14:47 - 20:28:33	gap at MA
03/07/10	79484	21:35:43 - 21:49:33	gap at JO
03/07/10	79485	22:48:03 - 23:01:09	gap at HO
03/07/10	79485	21:55:51 - 22:07:08	gap at MA
03/07/10	79476	07:11:16 - 07:12:23	gap at KS
03/07/10	79477	08:50:45 - 08:52:23	gap at KS
03/07/10	79478	10:30:22 - 10:32:03	gap at KS
03/07/10	79479	12:09:48 - 12:11:27	gap at KS
03/07/10	79480	13:48:43 - 13:50:27	gap at KS
03/07/10	79481	15:26:52 - 15:28:50	gap at KS

03/07/10	79482	17:04:34 - 17:06:19	gap at KS
03/07/10	79483	18:42:44 - 18:44:19	gap at KS
03/07/10	79484	20:22:13 - 20:23:29	gap at KS
03/07/10	79485	22:03:42 - 22:05:04	gap at KS
03/07/10	79472	00:04:07 - 00:05:28	gap at MS
03/07/10	79478	10:44:06 - 10:45:51	gap at MS
03/07/10	79479	12:23:00 - 12:24:49	gap at MS
03/07/10	79485	21:54:32 - 21:55:40	gap at MS
03/07/10	79486	23:32:05 - 23:33:38	gap at MS
03/07/10	79478	10:38:24 - 10:39:36	gap at MA
03/07/10	79473	01:50:00 - 01:51:18	gap at MI
03/07/10	79474	03:24:45 - 03:26:23	gap at MI
03/07/10	79475	05:08:10 - 05:09:28	gap at MI
03/07/10	79481	15:44:57 - 15:46:29	gap at MI
03/07/10	79482	17:25:57 - 17:27:35	gap at MI
03/07/10	79482	17:57:31 - 17:59:28	gap at MM
03/07/10	79473	02:28:42 - 02:29:57	gap at SG
03/07/10	79473	02:33:46 - 02:40:03	gap at SG
03/07/10	79474	04:07:03 - 04:08:29	gap at SG
03/07/10	79474	04:13:41 - 04:19:55	gap at SG
03/07/10	79480	15:02:19 - 15:04:02	gap at SG
03/07/10	79480	15:11:41 - 15:15:51	gap at SG
03/07/10	79481	16:43:27 - 16:45:14	gap at SG
04/07/10	79486	00:26:14 - 00:40:52	gap at HO
04/07/10	79486	00:38:01 - 00:48:55	gap at MM
04/07/10	79487	01:45:58 - 01:56:45	gap at BE
04/07/10	79487	02:20:28 - 02:29:15	gap at MM
04/07/10	79487	01:20:57 - 01:32:14	gap at GS
04/07/10	79488	03:24:28 - 03:37:42	gap at BE
04/07/10	79488	02:58:24 - 03:12:20	gap at GS
04/07/10	79488	02:54:50 - 03:03:19	gap at CM
04/07/10	79488	04:32:03 - 04:44:00	gap at CM
04/07/10	79489	05:46:05 - 05:51:58	gap at MM
04/07/10	79489	04:40:49 - 04:50:20	gap at GS
04/07/10	79490	07:27:19 - 07:34:58	gap at MM
04/07/10	79490	07:06:18 - 07:18:53	gap at JO
04/07/10	79491	09:07:49 - 09:17:48	gap at MM
04/07/10	79491	08:44:15 - 08:58:53	gap at JO
04/07/10	79492	10:48:00 - 10:59:42	gap at MM
04/07/10	79493	11:48:56 - 11:54:34	gap at MA
04/07/10	79494	14:16:36 - 14:29:24	gap at HO
04/07/10	79494	14:32:04 - 14:43:51	gap at SG
04/07/10	79495	14:41:20 - 14:54:19	gap at BE
04/07/10	79495	15:07:59 - 15:21:08	gap at GS
04/07/10	79495	15:18:21 - 15:26:52	gap at CM
04/07/10	79496	16:47:22 - 17:00:33	gap at GS
04/07/10	79496	16:56:00 - 17:07:51	gap at CM
04/07/10	79497	19:26:22 - 19:37:40	gap at JO

04/07/10	79498	19:44:18 - 19:56:44	gap at MA
04/07/10	79498	21:04:08 - 21:19:00	gap at JO
04/07/10	79499	22:18:01 - 22:29:37	gap at HO
04/07/10	79499	22:46:48 - 22:53:00	gap at JO
04/07/10	79500	23:55:08 - 00:09:38	gap at HO
04/07/10	79490	06:40:08 - 06:41:09	gap at KS
04/07/10	79491	08:19:27 - 08:21:06	gap at KS
04/07/10	79492	09:59:04 - 10:00:46	gap at KS
04/07/10	79493	11:38:35 - 11:40:21	gap at KS
04/07/10	79494	13:17:42 - 13:19:23	gap at KS
04/07/10	79495	14:56:18 - 14:58:06	gap at KS
04/07/10	79496	16:33:56 - 16:35:42	gap at KS
04/07/10	79497	18:11:46 - 18:13:40	gap at KS
04/07/10	79498	19:50:46 - 19:52:06	gap at KS
04/07/10	79499	21:31:33 - 21:32:49	gap at KS
04/07/10	79492	10:14:00 - 10:15:46	gap at MS
04/07/10	79493	11:51:27 - 11:53:27	gap at MS
04/07/10	79491	08:28:21 - 08:29:32	gap at MA
04/07/10	79492	10:07:08 - 10:08:17	gap at MA
04/07/10	79499	21:23:11 - 21:25:11	gap at MA
04/07/10	79488	02:53:58 - 02:55:24	gap at MI
04/07/10	79489	04:34:18 - 04:35:47	gap at MI
04/07/10	79495	15:14:12 - 15:15:37	gap at MI
04/07/10	79496	16:53:36 - 16:55:05	gap at MI
04/07/10	79496	17:26:22 - 17:28:13	gap at MM
04/07/10	79497	19:05:30 - 19:06:56	gap at MM
04/07/10	79498	20:44:55 - 20:46:04	gap at MM
04/07/10	79499	22:25:00 - 22:26:10	gap at MM
04/07/10	79488	03:35:25 - 03:47:11	gap at SG
04/07/10	79494	14:32:04 - 14:34:22	gap at SG
04/07/10	79495	16:10:46 - 16:12:51	gap at SG
05/07/10	79500	23:55:08 - 00:09:38	gap at HO
05/07/10	79501	01:36:27 - 01:47:54	gap at HO
05/07/10	79501	00:51:22 - 01:00:21	gap at GS
05/07/10	79502	02:53:12 - 03:06:35	gap at BE
05/07/10	79502	03:31:08 - 03:38:18	gap at MM
05/07/10	79502	02:28:06 - 02:41:02	gap at GS
05/07/10	79502	04:00:37 - 04:13:02	gap at CM
05/07/10	79503	04:33:34 - 04:43:43	gap at BE
05/07/10	79503	05:14:00 - 05:19:47	gap at MM
05/07/10	79503	04:07:54 - 04:19:56	gap at GS
05/07/10	79504	06:55:37 - 07:02:33	gap at MM
05/07/10	79504	06:37:08 - 06:46:24	gap at JO
05/07/10	79505	07:59:07 - 08:07:05	gap at MA
05/07/10	79505	08:12:49 - 08:27:51	gap at JO
05/07/10	79506	09:55:33 - 10:04:34	gap at JO
05/07/10	79507	11:16:39 - 11:25:26	gap at MA
05/07/10	79508	14:03:05 - 14:10:40	gap at SG

05/07/10	79509	14:09:49 - 14:23:14	gap at BE
05/07/10	79509	14:37:13 - 14:48:09	gap at GS
05/07/10	79510	15:52:36 - 16:00:37	gap at BE
05/07/10	79510	16:15:57 - 16:29:47	gap at GS
05/07/10	79510	16:24:35 - 16:37:00	gap at CM
05/07/10	79511	18:34:20 - 18:46:55	gap at MM
05/07/10	79511	17:56:30 - 18:06:04	gap at GS
05/07/10	79511	18:08:27 - 18:10:30	gap at CM
05/07/10	79512	20:13:37 - 20:26:21	gap at MM
05/07/10	79512	19:16:24 - 19:24:43	gap at MA
05/07/10	79512	20:32:55 - 20:47:52	gap at JO
05/07/10	79513	21:48:52 - 21:57:36	gap at HO
05/07/10	79513	21:53:27 - 22:06:03	gap at MM
05/07/10	79514	23:24:07 - 23:38:20	gap at HO
05/07/10	79514	23:34:10 - 23:45:59	gap at MM
05/07/10	79514	22:35:59 - 22:42:28	gap at MA
05/07/10	79505	07:48:10 - 07:49:53	gap at KS
05/07/10	79506	09:27:46 - 09:29:29	gap at KS
05/07/10	79507	11:07:20 - 11:09:08	gap at KS
05/07/10	79508	12:46:37 - 12:48:22	gap at KS
05/07/10	79509	14:25:25 - 14:27:15	gap at KS
05/07/10	79510	16:03:10 - 16:04:59	gap at KS
05/07/10	79511	17:41:05 - 17:42:59	gap at KS
05/07/10	79512	19:19:29 - 19:20:48	gap at KS
05/07/10	79513	20:59:38 - 21:00:49	gap at KS
05/07/10	79514	22:42:02 - 22:43:18	gap at KS
05/07/10	79507	11:20:20 - 11:22:09	gap at MS
05/07/10	79508	13:00:48 - 13:02:29	gap at MS
05/07/10	79514	22:29:59 - 22:31:25	gap at MS
05/07/10	79506	09:35:51 - 09:37:08	gap at MA
05/07/10	79513	20:51:24 - 20:53:22	gap at MA
05/07/10	79502	02:23:53 - 02:25:30	gap at MI
05/07/10	79503	04:01:58 - 04:04:17	gap at MI
05/07/10	79503	04:12:17 - 04:14:45	gap at MI
05/07/10	79509	14:44:10 - 14:45:36	gap at MI
05/07/10	79510	16:21:53 - 16:23:21	gap at MI
05/07/10	79507	11:56:35 - 11:57:44	gap at MM
05/07/10	79510	16:55:12 - 16:56:16	gap at MM
05/07/10	79502	03:04:24 - 03:06:20	gap at SG
05/07/10	79503	04:45:33 - 04:46:47	gap at SG
05/07/10	79508	14:03:05 - 14:04:16	gap at SG
05/07/10	79509	15:39:01 - 15:40:51	gap at SG
06/07/10	79515	01:04:05 - 01:17:23	gap at HO
06/07/10	79516	02:22:10 - 02:34:58	gap at BE
06/07/10	79516	01:56:38 - 02:09:36	gap at GS
06/07/10	79516	03:29:55 - 03:41:30	gap at CM
06/07/10	79517	04:01:44 - 04:13:48	gap at BE
06/07/10	79517	04:41:46 - 04:47:44	gap at MM

06/07/10	79517	03:35:44 - 03:49:05	gap at GS
06/07/10	79517	05:10:20 - 05:19:38	gap at CM
06/07/10	79518	06:23:49 - 06:30:10	gap at MM
06/07/10	79519	07:41:58 - 07:56:28	gap at JO
06/07/10	79520	09:22:15 - 09:34:58	gap at JO
06/07/10	79521	11:35:04 - 11:47:07	gap at HO
06/07/10	79522	13:13:35 - 13:28:24	gap at HO
06/07/10	79522	13:05:02 - 13:17:43	gap at MM
06/07/10	79523	14:54:14 - 15:03:43	gap at HO
06/07/10	79523	14:44:40 - 14:57:22	gap at MM
06/07/10	79523	14:06:59 - 14:15:41	gap at GS
06/07/10	79523	15:07:55 - 15:21:35	gap at SG
06/07/10	79524	15:19:22 - 15:30:37	gap at BE
06/07/10	79524	16:24:01 - 16:36:35	gap at MM
06/07/10	79524	15:44:42 - 15:58:35	gap at GS
06/07/10	79524	15:53:44 - 16:05:26	gap at CM
06/07/10	79525	17:31:58 - 17:39:59	gap at MI
06/07/10	79525	17:24:41 - 17:36:21	gap at GS
06/07/10	79525	17:33:59 - 17:43:12	gap at CM
06/07/10	79526	18:47:33 - 18:51:43	gap at MA
06/07/10	79526	20:02:04 - 20:16:09	gap at JO
06/07/10	79527	21:22:00 - 21:34:41	gap at MM
06/07/10	79527	20:20:22 - 20:34:10	gap at MA
06/07/10	79527	21:41:29 - 21:55:02	gap at JO
06/07/10	79528	22:53:39 - 23:06:53	gap at HO
06/07/10	79519	07:16:56 - 07:18:06	gap at KS
06/07/10	79520	08:56:27 - 08:58:06	gap at KS
06/07/10	79521	10:36:04 - 10:37:45	gap at KS
06/07/10	79522	12:15:28 - 12:17:09	gap at KS
06/07/10	79523	13:54:22 - 13:56:07	gap at KS
06/07/10	79524	15:32:27 - 15:34:22	gap at KS
06/07/10	79525	17:10:11 - 17:11:56	gap at KS
06/07/10	79526	18:48:22 - 18:49:55	gap at KS
06/07/10	79527	20:27:57 - 20:29:11	gap at KS
06/07/10	79528	22:09:34 - 22:10:46	gap at KS
06/07/10	79515	00:10:01 - 00:11:44	gap at MS
06/07/10	79521	10:49:36 - 10:51:22	gap at MS
06/07/10	79522	12:28:44 - 12:30:32	gap at MS
06/07/10	79528	21:59:54 - 22:01:07	gap at MS
06/07/10	79529	23:37:51 - 23:39:18	gap at MS
06/07/10	79521	10:44:09 - 10:45:27	gap at MA
06/07/10	79528	22:01:51 - 22:03:02	gap at MA
06/07/10	79528	22:04:19 - 22:12:40	gap at MA
06/07/10	79516	01:54:59 - 01:56:20	gap at MI
06/07/10	79517	03:30:25 - 03:33:30	gap at MI
06/07/10	79518	05:14:50 - 05:15:58	gap at MI
06/07/10	79524	15:50:36 - 15:52:12	gap at MI
06/07/10	79520	09:45:04 - 09:46:11	gap at MM

06/07/10	79525	18:03:11 - 18:05:10	gap at MM
06/07/10	79526	19:42:23 - 19:43:37	gap at MM
06/07/10	79516	02:34:07 - 02:39:33	gap at SG
06/07/10	79517	04:12:53 - 04:18:08	gap at SG
06/07/10	79523	15:07:55 - 15:09:30	gap at SG
06/07/10	79524	16:49:34 - 16:51:32	gap at SG
07/07/10	79529	00:32:01 - 00:46:32	gap at HO
07/07/10	79530	01:51:29 - 02:02:42	gap at BE
07/07/10	79531	03:30:11 - 03:43:18	gap at BE
07/07/10	79531	04:09:26 - 04:15:51	gap at MM
07/07/10	79531	03:04:06 - 03:18:00	gap at GS
07/07/10	79531	03:00:07 - 03:09:18	gap at CM
07/07/10	79532	05:51:54 - 05:57:50	gap at MM
07/07/10	79532	04:46:55 - 04:55:46	gap at GS
07/07/10	79532	06:18:27 - 06:30:09	gap at CM
07/07/10	79533	07:33:04 - 07:40:52	gap at MM
07/07/10	79533	07:11:43 - 07:24:42	gap at JO
07/07/10	79534	09:13:33 - 09:23:39	gap at MM
07/07/10	79534	08:50:02 - 09:04:29	gap at JO
07/07/10	79535	11:05:10 - 11:13:57	gap at HO
07/07/10	79536	12:42:26 - 12:57:09	gap at HO
07/07/10	79536	12:33:41 - 12:46:15	gap at MM
07/07/10	79536	11:55:05 - 11:59:33	gap at MA
07/07/10	79537	14:22:22 - 14:34:55	gap at HO
07/07/10	79537	14:13:23 - 14:26:07	gap at MM
07/07/10	79537	14:37:30 - 14:49:44	gap at SG
07/07/10	79538	14:47:07 - 14:59:56	gap at BE
07/07/10	79538	15:52:50 - 16:05:25	gap at MM
07/07/10	79538	15:13:37 - 15:26:57	gap at GS
07/07/10	79538	15:23:40 - 15:32:56	gap at CM
07/07/10	79539	17:32:02 - 17:44:33	gap at MM
07/07/10	79539	16:53:05 - 17:06:06	gap at GS
07/07/10	79539	17:01:46 - 17:13:23	gap at CM
07/07/10	79540	19:31:47 - 19:43:41	gap at JO
07/07/10	79541	19:49:48 - 20:02:37	gap at MA
07/07/10	79541	21:09:51 - 21:24:36	gap at JO
07/07/10	79542	22:23:26 - 22:35:22	gap at HO
07/07/10	79542	22:30:45 - 22:43:08	gap at MM
07/07/10	79533	06:45:47 - 06:46:49	gap at KS
07/07/10	79534	08:25:08 - 08:26:47	gap at KS
07/07/10	79535	10:04:46 - 10:06:28	gap at KS
07/07/10	79536	11:44:16 - 11:46:01	gap at KS
07/07/10	79537	13:23:21 - 13:25:00	gap at KS
07/07/10	79538	15:01:53 - 15:03:41	gap at KS
07/07/10	79539	16:39:29 - 16:41:14	gap at KS
07/07/10	79540	18:17:23 - 18:19:16	gap at KS
07/07/10	79541	19:56:28 - 19:57:49	gap at KS
07/07/10	79542	21:37:22 - 21:38:38	gap at KS

07/07/10	79530	01:26:24 - 01:27:59	gap at GS
07/07/10	79535	10:19:26 - 10:21:14	gap at MS
07/07/10	79536	11:57:09 - 11:58:54	gap at MS
07/07/10	79543	23:06:23 - 23:07:49	gap at MS
07/07/10	79535	10:12:51 - 10:13:52	gap at MA
07/07/10	79542	21:28:58 - 21:30:59	gap at MA
07/07/10	79531	02:59:31 - 03:01:03	gap at MI
07/07/10	79532	04:40:18 - 04:41:47	gap at MI
07/07/10	79538	15:19:45 - 15:21:16	gap at MI
07/07/10	79538	15:29:33 - 15:32:16	gap at MI
07/07/10	79539	16:59:25 - 17:00:56	gap at MI
07/07/10	79540	19:11:10 - 19:12:38	gap at MM
07/07/10	79541	20:50:37 - 20:51:41	gap at MM
07/07/10	79530	02:08:58 - 02:12:46	gap at SG
07/07/10	79531	03:41:07 - 03:42:37	gap at SG
07/07/10	79531	03:48:09 - 03:54:53	gap at SG
07/07/10	79537	14:37:30 - 14:40:31	gap at SG
07/07/10	79537	14:47:49 - 14:49:44	gap at SG
07/07/10	79538	16:16:37 - 16:18:27	gap at SG
07/07/10	79538	16:26:09 - 16:28:49	gap at SG
08/07/10	79543	00:00:48 - 00:15:19	gap at HO
08/07/10	79544	01:42:37 - 01:53:25	gap at HO
08/07/10	79544	00:56:42 - 01:06:11	gap at GS
08/07/10	79545	02:58:52 - 03:12:17	gap at BE
08/07/10	79545	03:37:02 - 03:44:04	gap at MM
08/07/10	79545	02:32:55 - 02:46:44	gap at GS
08/07/10	79545	02:32:56 - 02:34:43	gap at CM
08/07/10	79546	04:39:23 - 04:49:05	gap at BE
08/07/10	79546	05:19:51 - 05:25:37	gap at MM
08/07/10	79546	04:13:49 - 04:25:30	gap at GS
08/07/10	79546	05:46:53 - 05:59:18	gap at CM
08/07/10	79547	07:01:23 - 07:08:27	gap at MM
08/07/10	79547	06:42:20 - 06:52:23	gap at JO
08/07/10	79548	08:03:53 - 08:13:12	gap at MA
08/07/10	79548	08:18:30 - 08:33:31	gap at JO
08/07/10	79549	10:01:51 - 10:09:44	gap at JO
08/07/10	79550	12:11:28 - 12:25:18	gap at HO
08/07/10	79550	12:02:17 - 12:14:41	gap at MM
08/07/10	79550	11:22:31 - 11:30:54	gap at MA
08/07/10	79551	13:50:40 - 14:04:56	gap at HO
08/07/10	79551	14:08:11 - 14:16:52	gap at SG
08/07/10	79552	14:15:30 - 14:28:54	gap at BE
08/07/10	79552	14:42:47 - 14:53:37	gap at GS
08/07/10	79553	15:58:50 - 16:05:54	gap at BE
08/07/10	79553	16:21:39 - 16:35:25	gap at GS
08/07/10	79553	16:30:16 - 16:42:40	gap at CM
08/07/10	79554	18:02:19 - 18:11:24	gap at GS
08/07/10	79554	19:02:44 - 19:09:46	gap at JO

08/07/10	79555	20:19:19 - 20:32:02	gap at MM
08/07/10	79555	19:21:42 - 19:30:34	gap at MA
08/07/10	79555	20:38:34 - 20:53:34	gap at JO
08/07/10	79556	21:54:05 - 22:03:28	gap at HO
08/07/10	79556	21:59:11 - 22:11:45	gap at MM
08/07/10	79556	22:19:31 - 22:30:01	gap at JO
08/07/10	79557	23:29:43 - 23:44:02	gap at HO
08/07/10	79557	23:39:58 - 23:51:42	gap at MM
08/07/10	79557	22:42:26 - 22:47:40	gap at MA
08/07/10	79548	07:53:51 - 07:55:30	gap at KS
08/07/10	79549	09:33:27 - 09:38:03	gap at KS
08/07/10	79550	11:13:01 - 11:14:43	gap at KS
08/07/10	79551	12:52:16 - 12:54:24	gap at KS
08/07/10	79552	14:31:02 - 14:32:47	gap at KS
08/07/10	79553	16:08:45 - 16:10:28	gap at KS
08/07/10	79554	17:46:40 - 17:48:29	gap at KS
08/07/10	79555	19:25:10 - 19:26:28	gap at KS
08/07/10	79556	21:05:25 - 21:06:37	gap at KS
08/07/10	79557	22:47:59 - 22:49:13	gap at KS
08/07/10	79550	11:25:59 - 11:27:49	gap at MS
08/07/10	79551	13:06:41 - 13:08:30	gap at MS
08/07/10	79557	22:35:31 - 22:36:57	gap at MS
08/07/10	79549	09:41:31 - 09:42:47	gap at MA
08/07/10	79556	20:57:07 - 20:59:10	gap at MA
08/07/10	79545	02:29:18 - 02:30:49	gap at MI
08/07/10	79546	04:07:47 - 04:10:03	gap at MI
08/07/10	79552	14:49:33 - 14:51:01	gap at MI
08/07/10	79553	16:27:37 - 16:29:07	gap at MI
08/07/10	79553	17:00:52 - 17:02:01	gap at MM
08/07/10	79554	18:40:00 - 18:41:26	gap at MM
08/07/10	79545	03:10:00 - 03:22:40	gap at SG
08/07/10	79546	04:51:40 - 04:57:29	gap at SG
08/07/10	79551	14:08:11 - 14:09:12	gap at SG
08/07/10	79552	15:44:44 - 15:46:34	gap at SG
09/07/10	79558	01:09:53 - 01:22:58	gap at HO
09/07/10	79559	02:27:47 - 02:40:45	gap at BE
09/07/10	79559	02:02:10 - 02:15:20	gap at GS
09/07/10	79559	03:35:26 - 03:47:17	gap at CM
09/07/10	79560	04:07:29 - 04:19:17	gap at BE
09/07/10	79560	04:47:38 - 04:53:33	gap at MM
09/07/10	79560	03:41:32 - 03:54:43	gap at GS
09/07/10	79561	06:29:36 - 06:36:03	gap at MM
09/07/10	79561	05:16:24 - 05:24:57	gap at CM
09/07/10	79562	08:10:26 - 08:19:08	gap at MM
09/07/10	79562	07:47:32 - 08:02:11	gap at JO
09/07/10	79563	09:28:12 - 09:40:27	gap at JO
09/07/10	79566	15:00:05 - 15:09:12	gap at HO
09/07/10	79566	14:12:25 - 14:21:48	gap at GS

09/07/10	79566	15:13:31 - 15:27:18	gap at SG
09/07/10	79567	15:25:19 - 15:36:09	gap at BE
09/07/10	79567	15:50:22 - 16:04:18	gap at GS
09/07/10	79567	15:59:18 - 16:11:14	gap at CM
09/07/10	79568	17:38:02 - 17:45:06	gap at MI
09/07/10	79568	17:30:27 - 17:41:48	gap at GS
09/07/10	79568	17:39:57 - 17:48:29	gap at CM
09/07/10	79569	18:53:07 - 18:57:26	gap at MA
09/07/10	79569	20:07:39 - 20:21:58	gap at JO
09/07/10	79570	21:27:43 - 21:40:23	gap at MM
09/07/10	79570	21:47:17 - 22:00:30	gap at JO
09/07/10	79571	22:59:14 - 23:12:37	gap at HO
09/07/10	79571	23:08:11 - 23:20:16	gap at MM
09/07/10	79571	22:08:21 - 22:18:10	gap at MA
09/07/10	79562	07:22:36 - 07:23:47	gap at KS
09/07/10	79563	09:02:08 - 09:03:48	gap at KS
09/07/10	79564	10:41:45 - 10:43:27	gap at KS
09/07/10	79565	12:21:08 - 12:22:49	gap at KS
09/07/10	79566	14:00:02 - 14:01:47	gap at KS
09/07/10	79567	15:38:03 - 15:39:43	gap at KS
09/07/10	79568	17:15:52 - 17:17:37	gap at KS
09/07/10	79569	18:54:01 - 18:55:29	gap at KS
09/07/10	79570	20:33:42 - 20:34:52	gap at KS
09/07/10	79571	22:15:27 - 22:16:38	gap at KS
09/07/10	79558	00:15:58 - 00:17:25	gap at MS
09/07/10	79564	10:55:03 - 10:56:47	gap at MS
09/07/10	79565	12:34:29 - 12:36:15	gap at MS
09/07/10	79571	22:05:19 - 22:06:32	gap at MS
09/07/10	79572	23:43:39 - 23:45:05	gap at MS
09/07/10	79564	10:49:55 - 10:51:03	gap at MA
09/07/10	79570	20:25:59 - 20:28:41	gap at MA
09/07/10	79559	02:00:06 - 02:01:30	gap at MI
09/07/10	79560	03:36:07 - 03:38:38	gap at MI
09/07/10	79566	14:21:14 - 14:22:20	gap at MI
09/07/10	79567	15:56:15 - 15:57:52	gap at MI
09/07/10	79565	13:18:42 - 13:23:26	gap at MM
09/07/10	79567	16:41:10 - 16:42:15	gap at MM
09/07/10	79568	18:08:51 - 18:10:50	gap at MM
09/07/10	79569	19:48:03 - 19:49:17	gap at MM
09/07/10	79559	02:39:33 - 02:40:57	gap at SG
09/07/10	79560	04:18:44 - 04:20:03	gap at SG
09/07/10	79566	15:13:31 - 15:15:07	gap at SG
09/07/10	79567	16:55:47 - 16:57:34	gap at SG
10/07/10	79572	00:37:54 - 00:52:11	gap at HO
10/07/10	79572	00:00:21 - 00:05:49	gap at KS
10/07/10	79573	01:57:01 - 02:08:38	gap at BE
10/07/10	79573	01:31:51 - 01:43:46	gap at GS
10/07/10	79574	03:35:54 - 03:48:53	gap at BE

10/07/10	79574	04:15:19 - 04:21:38	gap at MM
10/07/10	79574	03:09:49 - 03:23:40	gap at GS
10/07/10	79574	03:05:26 - 03:15:13	gap at CM
10/07/10	79574	04:43:40 - 04:55:06	gap at CM
10/07/10	79575	05:57:43 - 06:03:42	gap at MM
10/07/10	79576	07:38:49 - 07:46:45	gap at MM
10/07/10	79576	07:17:10 - 07:30:30	gap at JO
10/07/10	79577	09:19:17 - 09:29:30	gap at MM
10/07/10	79577	08:55:50 - 09:10:04	gap at JO
10/07/10	79579	12:39:23 - 12:51:59	gap at MM
10/07/10	79580	14:28:08 - 14:40:10	gap at HO
10/07/10	79580	14:19:05 - 14:31:48	gap at MM
10/07/10	79580	14:42:58 - 14:55:35	gap at SG
10/07/10	79581	14:52:56 - 15:05:33	gap at BE
10/07/10	79581	15:19:15 - 15:32:44	gap at GS
10/07/10	79581	15:29:03 - 15:38:56	gap at CM
10/07/10	79582	16:58:49 - 17:11:38	gap at GS
10/07/10	79582	17:07:34 - 17:18:53	gap at CM
10/07/10	79583	19:37:14 - 19:49:39	gap at JO
10/07/10	79584	20:56:19 - 21:09:03	gap at MM
10/07/10	79584	21:15:35 - 21:30:11	gap at JO
10/07/10	79585	22:28:52 - 22:41:06	gap at HO
10/07/10	79583	18:23:01 - 18:24:45	gap at KS
10/07/10	79584	20:02:11 - 20:03:29	gap at KS
10/07/10	79585	21:43:12 - 21:44:30	gap at KS
10/07/10	79576	06:51:26 - 06:52:29	gap at KS
10/07/10	79577	08:30:50 - 08:32:28	gap at KS
10/07/10	79578	10:10:27 - 10:12:08	gap at KS
10/07/10	79579	11:49:57 - 11:51:41	gap at KS
10/07/10	79580	13:28:59 - 13:30:39	gap at KS
10/07/10	79581	15:07:26 - 15:09:21	gap at KS
10/07/10	79582	16:45:03 - 16:46:50	gap at KS
10/07/10	79578	10:24:53 - 10:26:44	gap at MS
10/07/10	79579	12:02:55 - 12:04:35	gap at MS
10/07/10	79586	23:12:04 - 23:13:30	gap at MS
10/07/10	79578	10:18:32 - 10:19:42	gap at MA
10/07/10	79584	19:55:19 - 19:57:25	gap at MA
10/07/10	79585	21:34:46 - 21:36:34	gap at MA
10/07/10	79574	03:05:05 - 03:06:38	gap at MI
10/07/10	79574	03:15:08 - 03:18:10	gap at MI
10/07/10	79575	04:46:21 - 04:47:49	gap at MI
10/07/10	79581	15:25:19 - 15:26:51	gap at MI
10/07/10	79582	17:05:16 - 17:06:46	gap at MI
10/07/10	79582	17:37:41 - 17:39:33	gap at MM
10/07/10	79583	19:16:51 - 19:18:18	gap at MM
10/07/10	79573	02:10:11 - 02:11:33	gap at SG
10/07/10	79574	03:46:51 - 03:54:35	gap at SG
10/07/10	79580	14:42:58 - 14:46:33	gap at SG

10/07/10	79581	16:22:31 - 16:24:23	gap at SG
11/07/10	79586	00:06:25 - 00:21:00	gap at HO
11/07/10	79587	01:48:58 - 01:58:53	gap at HO
11/07/10	79587	01:02:03 - 01:11:59	gap at GS
11/07/10	79588	03:04:32 - 03:17:57	gap at BE
11/07/10	79588	03:42:55 - 03:49:50	gap at MM
11/07/10	79588	02:38:34 - 02:52:26	gap at GS
11/07/10	79588	02:37:11 - 02:41:41	gap at CM
11/07/10	79588	04:11:58 - 04:24:21	gap at CM
11/07/10	79589	04:45:15 - 04:54:25	gap at BE
11/07/10	79589	05:25:41 - 05:31:28	gap at MM
11/07/10	79589	04:19:45 - 04:31:03	gap at GS
11/07/10	79590	07:07:09 - 07:14:21	gap at MM
11/07/10	79590	06:47:35 - 06:58:19	gap at JO
11/07/10	79591	08:47:45 - 08:57:18	gap at MM
11/07/10	79591	08:24:11 - 08:39:11	gap at JO
11/07/10	79592	10:08:17 - 10:14:45	gap at JO
11/07/10	79593	11:28:24 - 11:36:24	gap at MA
11/07/10	79594	13:56:25 - 14:10:23	gap at HO
11/07/10	79594	14:13:23 - 14:22:58	gap at SG
11/07/10	79595	14:21:13 - 14:34:34	gap at BE
11/07/10	79595	14:48:22 - 15:00:39	gap at GS
11/07/10	79595	15:00:41 - 15:04:38	gap at CM
11/07/10	79596	16:05:11 - 16:11:05	gap at BE
11/07/10	79596	16:27:22 - 16:41:01	gap at GS
11/07/10	79596	16:35:57 - 16:48:19	gap at CM
11/07/10	79597	18:45:40 - 18:58:16	gap at MM
11/07/10	79597	18:08:09 - 18:16:43	gap at GS
11/07/10	79597	19:07:49 - 19:16:08	gap at JO
11/07/10	79598	20:25:00 - 20:37:44	gap at MM
11/07/10	79598	19:27:03 - 19:36:24	gap at MA
11/07/10	79598	20:44:14 - 20:59:15	gap at JO
11/07/10	79599	21:03:00 - 21:16:26	gap at MA
11/07/10	79599	22:25:28 - 22:35:15	gap at JO
11/07/10	79600	23:35:21 - 23:49:44	gap at HO
11/07/10	79600	23:45:45 - 23:57:25	gap at MM
11/07/10	79591	07:59:32 - 08:01:11	gap at KS
11/07/10	79592	09:39:09 - 09:40:51	gap at KS
11/07/10	79593	11:18:42 - 11:20:26	gap at KS
11/07/10	79594	12:57:55 - 12:59:37	gap at KS
11/07/10	79595	14:36:40 - 14:38:27	gap at KS
11/07/10	79596	16:14:20 - 16:16:07	gap at KS
11/07/10	79597	17:52:14 - 17:54:12	gap at KS
11/07/10	79598	19:30:50 - 19:32:12	gap at KS
11/07/10	79599	21:11:13 - 21:12:28	gap at KS
11/07/10	79600	22:53:56 - 22:55:01	gap at KS
11/07/10	79593	11:31:39 - 11:33:30	gap at MS
11/07/10	79594	13:12:35 - 13:14:20	gap at MS

11/07/10	79600	22:41:05 - 22:42:27	gap at MS
11/07/10	79592	09:47:12 - 09:48:16	gap at MA
11/07/10	79588	02:34:44 - 02:36:17	gap at MI
11/07/10	79589	04:13:37 - 04:15:10	gap at MI
11/07/10	79595	14:54:58 - 14:56:29	gap at MI
11/07/10	79596	16:33:21 - 16:34:55	gap at MI
11/07/10	79596	17:06:32 - 17:07:49	gap at MM
11/07/10	79599	22:04:55 - 22:06:25	gap at MM
11/07/10	79588	03:15:37 - 03:17:23	gap at SG
11/07/10	79588	03:19:03 - 03:29:25	gap at SG
11/07/10	79589	04:57:53 - 04:59:02	gap at SG
11/07/10	79594	14:13:23 - 14:14:40	gap at SG
12/07/10	79601	01:15:43 - 01:28:32	gap at HO
12/07/10	79602	02:33:25 - 02:46:32	gap at BE
12/07/10	79602	02:07:44 - 02:21:03	gap at GS
12/07/10	79602	02:45:02 - 02:57:41	gap at SG
12/07/10	79602	03:40:59 - 03:53:02	gap at CM
12/07/10	79603	04:13:16 - 04:24:45	gap at BE
12/07/10	79603	04:53:30 - 04:59:22	gap at MM
12/07/10	79603	03:47:22 - 04:00:21	gap at GS
12/07/10	79603	04:24:37 - 04:36:18	gap at SG
12/07/10	79604	06:35:23 - 06:41:56	gap at MM
12/07/10	79604	05:49:59 - 05:52:29	gap at KS
12/07/10	79604	05:22:33 - 05:30:13	gap at CM
12/07/10	79605	08:16:11 - 08:25:00	gap at MM
12/07/10	79605	07:53:07 - 08:07:55	gap at JO
12/07/10	79606	09:34:11 - 09:45:53	gap at JO
12/07/10	79609	15:05:55 - 15:14:40	gap at HO
12/07/10	79609	14:56:02 - 15:08:43	gap at MM
12/07/10	79609	14:17:53 - 14:27:53	gap at GS
12/07/10	79609	15:19:09 - 15:33:00	gap at SG
12/07/10	79610	15:31:18 - 15:41:39	gap at BE
12/07/10	79610	15:56:03 - 16:09:59	gap at GS
12/07/10	79610	16:04:53 - 16:17:00	gap at CM
12/07/10	79611	18:14:30 - 18:27:04	gap at MM
12/07/10	79611	17:36:13 - 17:47:13	gap at GS
12/07/10	79611	17:45:59 - 17:53:41	gap at CM
12/07/10	79612	19:53:44 - 20:06:26	gap at MM
12/07/10	79612	20:13:14 - 20:27:45	gap at JO
12/07/10	79613	21:33:26 - 21:46:05	gap at MM
12/07/10	79613	20:31:36 - 20:45:19	gap at MA
12/07/10	79613	21:53:06 - 22:05:56	gap at JO
12/07/10	79614	23:04:43 - 23:18:21	gap at HO
12/07/10	79614	23:13:57 - 23:25:59	gap at MM
12/07/10	79614	22:14:23 - 22:23:39	gap at MA
12/07/10	79614	22:21:20 - 22:32:43	gap at KS
12/07/10	79615	23:49:28 - 00:02:08	gap at MS
12/07/10	79605	07:28:17 - 07:29:32	gap at KS

12/07/10	79606	09:07:50 - 09:09:31	gap at KS
12/07/10	79607	10:47:26 - 10:49:10	gap at KS
12/07/10	79608	12:26:48 - 12:28:30	gap at KS
12/07/10	79609	14:05:41 - 14:07:28	gap at KS
12/07/10	79610	15:43:38 - 15:45:26	gap at KS
12/07/10	79611	17:21:29 - 17:23:16	gap at KS
12/07/10	79612	18:59:40 - 19:01:09	gap at KS
12/07/10	79613	20:39:27 - 20:40:44	gap at KS
12/07/10	79601	00:21:57 - 00:23:14	gap at MS
12/07/10	79607	11:00:39 - 11:02:31	gap at MS
12/07/10	79608	12:40:15 - 12:41:57	gap at MS
12/07/10	79614	22:10:45 - 22:11:58	gap at MS
12/07/10	79607	10:55:42 - 10:56:45	gap at MA
12/07/10	79612	18:58:20 - 19:01:09	gap at MA
12/07/10	79602	02:05:17 - 02:06:48	gap at MI
12/07/10	79603	03:41:49 - 03:43:32	gap at MI
12/07/10	79609	14:25:59 - 14:27:18	gap at MI
12/07/10	79609	14:29:57 - 14:31:50	gap at MI
12/07/10	79610	16:01:55 - 16:03:30	gap at MI
12/07/10	79610	16:07:36 - 16:15:18	gap at MI
12/07/10	79611	17:44:13 - 17:45:35	gap at MI
12/07/10	79610	16:35:22 - 16:36:27	gap at MM
13/07/10	79615	00:43:42 - 00:57:48	gap at HO
13/07/10	79615	00:06:32 - 00:11:21	gap at KS
13/07/10	79616	02:02:35 - 02:14:31	gap at BE
13/07/10	79616	01:37:20 - 01:49:31	gap at GS
13/07/10	79617	03:41:38 - 03:54:27	gap at BE
13/07/10	79617	04:21:12 - 04:27:26	gap at MM
13/07/10	79617	03:15:33 - 03:29:20	gap at GS
13/07/10	79617	03:52:35 - 04:06:04	gap at SG
13/07/10	79617	03:10:49 - 03:21:07	gap at CM
13/07/10	79617	04:49:32 - 05:00:37	gap at CM
13/07/10	79618	06:03:31 - 06:09:34	gap at MM
13/07/10	79619	07:44:35 - 07:52:39	gap at MM
13/07/10	79619	07:22:38 - 07:36:18	gap at JO
13/07/10	79620	09:25:01 - 09:35:21	gap at MM
13/07/10	79620	09:01:39 - 09:15:38	gap at JO
13/07/10	79622	12:45:05 - 12:57:42	gap at MM
13/07/10	79623	14:33:55 - 14:45:36	gap at HO
13/07/10	79623	14:24:46 - 14:37:29	gap at MM
13/07/10	79623	14:48:28 - 15:01:24	gap at SG
13/07/10	79624	14:58:46 - 15:11:09	gap at BE
13/07/10	79624	16:04:10 - 16:16:45	gap at MM
13/07/10	79624	15:30:54 - 15:43:52	gap at MI
13/07/10	79624	15:24:54 - 15:38:30	gap at GS
13/07/10	79624	15:34:29 - 15:44:53	gap at CM
13/07/10	79625	17:11:08 - 17:21:33	gap at MI
13/07/10	79625	17:04:33 - 17:17:09	gap at GS

13/07/10	79625	17:13:23 - 17:24:21	gap at CM
13/07/10	79626	19:42:42 - 19:55:36	gap at JO
13/07/10	79627	21:02:01 - 21:14:44	gap at MM
13/07/10	79627	20:00:52 - 20:14:14	gap at MA
13/07/10	79627	21:21:19 - 21:35:45	gap at JO
13/07/10	79628	22:34:19 - 22:46:50	gap at HO
13/07/10	79619	06:57:06 - 06:58:13	gap at KS
13/07/10	79620	08:36:31 - 08:38:12	gap at KS
13/07/10	79621	10:16:09 - 10:17:52	gap at KS
13/07/10	79622	11:55:37 - 11:57:24	gap at KS
13/07/10	79623	13:34:37 - 13:36:22	gap at KS
13/07/10	79624	15:12:59 - 15:15:01	gap at KS
13/07/10	79625	16:50:36 - 16:52:29	gap at KS
13/07/10	79626	18:28:38 - 18:30:22	gap at KS
13/07/10	79627	20:07:54 - 20:09:13	gap at KS
13/07/10	79628	21:49:03 - 21:50:16	gap at KS
13/07/10	79615	23:49:28 - 23:50:54	gap at MS
13/07/10	79621	10:30:22 - 10:32:11	gap at MS
13/07/10	79622	12:08:38 - 12:10:26	gap at MS
13/07/10	79629	23:17:46 - 23:19:16	gap at MS
13/07/10	79620	08:45:29 - 08:46:35	gap at MA
13/07/10	79621	10:24:11 - 10:25:17	gap at MA
13/07/10	79628	21:40:35 - 21:42:38	gap at MA
13/07/10	79617	03:10:41 - 03:12:18	gap at MI
13/07/10	79618	04:52:27 - 04:54:00	gap at MI
13/07/10	79625	17:43:21 - 17:45:13	gap at MM
13/07/10	79626	19:22:31 - 19:23:54	gap at MM
13/07/10	79616	02:15:24 - 02:16:43	gap at SG
13/07/10	79623	14:48:28 - 14:52:16	gap at SG
14/07/10	79629	00:12:03 - 00:26:41	gap at HO
14/07/10	79629	00:23:28 - 00:34:37	gap at MM
14/07/10	79630	01:55:11 - 02:04:13	gap at HO
14/07/10	79630	02:05:46 - 02:14:54	gap at MM
14/07/10	79631	03:10:14 - 03:23:37	gap at BE
14/07/10	79631	03:48:49 - 03:55:37	gap at MM
14/07/10	79631	02:42:01 - 02:48:03	gap at CM
14/07/10	79631	04:17:40 - 04:29:59	gap at CM
14/07/10	79632	04:51:07 - 04:59:43	gap at BE
14/07/10	79632	05:31:31 - 05:37:19	gap at MM
14/07/10	79633	07:12:55 - 07:20:14	gap at MM
14/07/10	79633	06:52:53 - 07:04:14	gap at JO
14/07/10	79634	08:53:29 - 09:03:10	gap at MM
14/07/10	79634	08:14:39 - 08:25:16	gap at MA
14/07/10	79634	08:29:54 - 08:44:49	gap at JO
14/07/10	79636	11:34:12 - 11:41:40	gap at MA
14/07/10	79637	13:53:28 - 14:06:12	gap at MM
14/07/10	79637	14:18:39 - 14:28:59	gap at SG
14/07/10	79638	14:26:56 - 14:40:13	gap at BE

14/07/10	79638	14:53:57 - 15:06:32	gap at GS
14/07/10	79638	15:56:15 - 16:09:33	gap at SG
14/07/10	79638	15:05:28 - 15:11:15	gap at CM
14/07/10	79639	16:33:04 - 16:46:37	gap at GS
14/07/10	79639	16:41:39 - 16:53:55	gap at CM
14/07/10	79640	18:51:20 - 19:03:57	gap at MM
14/07/10	79640	18:14:00 - 18:22:00	gap at GS
14/07/10	79640	19:13:02 - 19:22:23	gap at JO
14/07/10	79641	19:30:36 - 19:42:13	gap at MA
14/07/10	79641	20:49:54 - 21:04:55	gap at JO
14/07/10	79642	22:04:35 - 22:15:08	gap at HO
14/07/10	79642	22:10:39 - 22:23:10	gap at MM
14/07/10	79642	22:31:28 - 22:40:26	gap at JO
14/07/10	79643	23:41:02 - 23:55:25	gap at HO
14/07/10	79643	23:51:33 - 00:03:09	gap at MM
14/07/10	79643	22:46:41 - 22:59:48	gap at MS
14/07/10	79643	22:59:53 - 23:09:35	gap at KS
14/07/10	79639	16:19:57 - 16:21:45	gap at KS
14/07/10	79640	17:57:47 - 17:59:51	gap at KS
14/07/10	79641	19:36:31 - 19:37:50	gap at KS
14/07/10	79642	21:17:01 - 21:18:20	gap at KS
14/07/10	79633	06:26:03 - 06:27:04	gap at KS
14/07/10	79634	08:05:13 - 08:06:54	gap at KS
14/07/10	79635	09:44:50 - 09:46:33	gap at KS
14/07/10	79636	11:24:23 - 11:26:12	gap at KS
14/07/10	79637	13:03:35 - 13:05:17	gap at KS
14/07/10	79638	14:42:17 - 14:44:05	gap at KS
14/07/10	79630	01:07:25 - 01:08:42	gap at GS
14/07/10	79631	02:44:13 - 02:45:16	gap at GS
14/07/10	79632	04:25:44 - 04:27:08	gap at GS
14/07/10	79636	11:37:20 - 11:39:12	gap at MS
14/07/10	79637	13:18:32 - 13:20:15	gap at MS
14/07/10	79635	09:52:53 - 09:54:05	gap at MA
14/07/10	79642	21:08:48 - 21:10:51	gap at MA
14/07/10	79631	02:40:11 - 02:41:47	gap at MI
14/07/10	79632	04:19:29 - 04:21:09	gap at MI
14/07/10	79638	15:00:26 - 15:02:01	gap at MI
14/07/10	79639	16:39:07 - 16:40:45	gap at MI
14/07/10	79639	17:12:12 - 17:13:42	gap at MM
14/07/10	79641	20:30:41 - 20:31:52	gap at MM
14/07/10	79631	03:21:15 - 03:25:36	gap at SG
14/07/10	79638	15:56:15 - 15:58:10	gap at SG
15/07/10	79643	23:51:33 - 00:03:09	gap at MM
15/07/10	79645	02:39:03 - 02:52:17	gap at BE
15/07/10	79645	02:50:32 - 03:03:30	gap at SG
15/07/10	79645	03:46:34 - 03:58:46	gap at CM
15/07/10	79646	04:19:03 - 04:30:12	gap at BE
15/07/10	79646	04:59:22 - 05:05:12	gap at MM

15/07/10	79646	03:53:12 - 04:05:57	gap at GS
15/07/10	79647	06:41:10 - 06:47:49	gap at MM
15/07/10	79647	05:55:25 - 05:59:51	gap at KS
15/07/10	79647	05:28:48 - 05:35:21	gap at CM
15/07/10	79647	06:24:28 - 06:31:10	gap at JO
15/07/10	79648	08:21:56 - 08:30:53	gap at MM
15/07/10	79648	07:58:43 - 08:13:37	gap at JO
15/07/10	79649	09:40:13 - 09:51:17	gap at JO
15/07/10	79652	13:55:39 - 14:09:01	gap at BE
15/07/10	79652	15:11:46 - 15:20:07	gap at HO
15/07/10	79652	15:01:43 - 15:14:24	gap at MM
15/07/10	79652	14:23:23 - 14:33:54	gap at GS
15/07/10	79653	15:37:19 - 15:47:07	gap at BE
15/07/10	79653	16:41:02 - 16:53:34	gap at MM
15/07/10	79653	16:01:44 - 16:15:39	gap at GS
15/07/10	79653	16:10:29 - 16:22:45	gap at CM
15/07/10	79654	18:20:10 - 18:32:45	gap at MM
15/07/10	79654	17:42:00 - 17:52:38	gap at GS
15/07/10	79654	17:52:06 - 17:58:48	gap at CM
15/07/10	79655	19:59:25 - 20:12:08	gap at MM
15/07/10	79655	19:03:23 - 19:08:50	gap at MA
15/07/10	79655	20:18:50 - 20:33:32	gap at JO
15/07/10	79656	21:39:09 - 21:51:47	gap at MM
15/07/10	79656	20:37:14 - 20:50:54	gap at MA
15/07/10	79656	21:58:56 - 22:11:21	gap at JO
15/07/10	79657	23:10:12 - 23:24:04	gap at HO
15/07/10	79657	23:19:43 - 23:31:42	gap at MM
15/07/10	79648	07:33:58 - 07:35:14	gap at KS
15/07/10	79649	09:13:32 - 09:15:13	gap at KS
15/07/10	79650	10:53:08 - 10:54:53	gap at KS
15/07/10	79651	12:32:28 - 12:34:12	gap at KS
15/07/10	79652	14:11:20 - 14:13:09	gap at KS
15/07/10	79653	15:49:13 - 15:50:59	gap at KS
15/07/10	79654	17:27:07 - 17:28:55	gap at KS
15/07/10	79655	19:05:19 - 19:06:50	gap at KS
15/07/10	79656	20:45:13 - 20:46:30	gap at KS
15/07/10	79657	22:27:14 - 22:28:29	gap at KS
15/07/10	79644	00:27:59 - 00:29:34	gap at MS
15/07/10	79650	11:06:16 - 11:08:07	gap at MS
15/07/10	79651	12:46:07 - 12:47:51	gap at MS
15/07/10	79657	22:16:13 - 22:17:32	gap at MS
15/07/10	79658	23:55:18 - 23:56:47	gap at MS
15/07/10	79645	02:10:33 - 02:12:05	gap at MI
15/07/10	79646	03:47:33 - 03:49:50	gap at MI
15/07/10	79652	14:31:02 - 14:32:27	gap at MI
15/07/10	79653	16:07:36 - 16:09:14	gap at MI
15/07/10	79654	17:50:37 - 17:51:54	gap at MI
15/07/10	79646	04:30:32 - 04:32:07	gap at SG

15/07/10	79646	04:37:18 - 04:41:41	gap at SG
15/07/10	79652	15:24:48 - 15:26:25	gap at SG
15/07/10	79652	15:34:59 - 15:38:41	gap at SG
16/07/10	79658	00:49:31 - 01:03:24	gap at HO
16/07/10	79658	00:12:47 - 00:16:50	gap at KS
16/07/10	79659	02:08:10 - 02:20:23	gap at BE
16/07/10	79659	01:42:50 - 01:55:16	gap at GS
16/07/10	79659	02:20:41 - 02:31:06	gap at SG
16/07/10	79660	03:47:22 - 04:00:00	gap at BE
16/07/10	79660	04:27:05 - 04:33:14	gap at MM
16/07/10	79660	03:21:18 - 03:34:59	gap at GS
16/07/10	79660	03:16:14 - 03:26:58	gap at CM
16/07/10	79660	04:55:25 - 05:06:06	gap at CM
16/07/10	79661	06:09:20 - 06:15:27	gap at MM
16/07/10	79662	07:50:20 - 07:58:32	gap at MM
16/07/10	79662	07:28:08 - 07:42:04	gap at JO
16/07/10	79663	09:30:44 - 09:41:11	gap at MM
16/07/10	79663	09:07:30 - 09:21:11	gap at JO
16/07/10	79664	11:21:21 - 11:31:59	gap at HO
16/07/10	79665	12:59:23 - 13:14:12	gap at HO
16/07/10	79665	12:50:47 - 13:03:25	gap at MM
16/07/10	79666	14:39:42 - 14:50:47	gap at HO
16/07/10	79666	14:30:27 - 14:43:10	gap at MM
16/07/10	79666	14:53:59 - 15:07:12	gap at SG
16/07/10	79667	15:04:37 - 15:16:44	gap at BE
16/07/10	79667	16:09:51 - 16:22:25	gap at MM
16/07/10	79667	15:30:33 - 15:44:16	gap at GS
16/07/10	79667	15:39:57 - 15:50:48	gap at CM
16/07/10	79668	17:10:18 - 17:22:39	gap at GS
16/07/10	79668	17:19:14 - 17:29:47	gap at CM
16/07/10	79669	19:28:11 - 19:40:52	gap at MM
16/07/10	79669	19:48:13 - 20:01:30	gap at JO
16/07/10	79670	21:07:44 - 21:20:26	gap at MM
16/07/10	79670	21:27:04 - 21:41:17	gap at JO
16/07/10	79671	22:39:46 - 22:52:34	gap at HO
16/07/10	79671	22:48:00 - 23:00:16	gap at MM
16/07/10	79662	07:02:46 - 07:03:59	gap at KS
16/07/10	79663	08:42:13 - 08:43:57	gap at KS
16/07/10	79664	10:21:50 - 10:23:36	gap at KS
16/07/10	79665	12:01:17 - 12:03:07	gap at KS
16/07/10	79666	13:40:16 - 13:42:03	gap at KS
16/07/10	79667	15:18:30 - 15:20:36	gap at KS
16/07/10	79668	16:56:11 - 16:58:04	gap at KS
16/07/10	79669	18:34:16 - 18:36:02	gap at KS
16/07/10	79670	20:13:37 - 20:14:53	gap at KS
16/07/10	79671	21:54:54 - 21:56:10	gap at KS
16/07/10	79672	23:38:58 - 23:39:59	gap at KS
16/07/10	79658	23:55:18 - 23:56:47	gap at MS

16/07/10	79664	10:35:51 - 10:37:47	gap at MS
16/07/10	79665	12:14:24 - 12:16:20	gap at MS
16/07/10	79672	23:23:29 - 23:25:00	gap at MS
16/07/10	79664	10:29:51 - 10:31:03	gap at MA
16/07/10	79670	20:06:25 - 20:08:28	gap at MA
16/07/10	79671	21:47:01 - 21:48:07	gap at MA
16/07/10	79659	01:43:03 - 01:44:04	gap at MI
16/07/10	79667	15:36:31 - 15:38:10	gap at MI
16/07/10	79668	17:17:02 - 17:18:39	gap at MI
16/07/10	79668	17:49:01 - 17:50:57	gap at MM
16/07/10	79660	03:58:21 - 04:11:25	gap at SG
16/07/10	79666	14:53:59 - 14:57:38	gap at SG
16/07/10	79667	16:34:24 - 16:36:20	gap at SG
17/07/10	79672	00:17:43 - 00:32:21	gap at HO
17/07/10	79672	00:29:18 - 00:40:20	gap at MM
17/07/10	79673	02:01:23 - 02:09:30	gap at HO
17/07/10	79673	02:11:39 - 02:20:39	gap at MM
17/07/10	79673	01:12:49 - 01:23:34	gap at GS
17/07/10	79674	03:15:55 - 03:29:16	gap at BE
17/07/10	79674	03:54:42 - 04:01:23	gap at MM
17/07/10	79674	02:49:53 - 03:03:49	gap at GS
17/07/10	79674	03:26:54 - 03:40:47	gap at SG
17/07/10	79674	02:47:04 - 02:54:14	gap at CM
17/07/10	79674	04:23:24 - 04:35:36	gap at CM
17/07/10	79675	04:57:01 - 05:04:59	gap at BE
17/07/10	79675	05:37:21 - 05:43:10	gap at MM
17/07/10	79675	04:31:44 - 04:42:07	gap at GS
17/07/10	79676	07:18:41 - 07:26:08	gap at MM
17/07/10	79676	06:58:14 - 07:10:06	gap at JO
17/07/10	79677	08:59:13 - 09:09:01	gap at MM
17/07/10	79677	08:35:37 - 08:50:27	gap at JO
17/07/10	79679	12:28:22 - 12:42:52	gap at HO
17/07/10	79679	11:40:00 - 11:46:53	gap at MA
17/07/10	79680	14:07:57 - 14:21:12	gap at HO
17/07/10	79680	13:59:09 - 14:11:53	gap at MM
17/07/10	79680	14:23:59 - 14:34:58	gap at SG
17/07/10	79681	14:32:41 - 14:45:52	gap at BE
17/07/10	79681	15:38:38 - 15:51:15	gap at MM
17/07/10	79681	14:59:34 - 15:12:23	gap at GS
17/07/10	79681	16:02:02 - 16:15:05	gap at SG
17/07/10	79681	15:10:31 - 15:17:36	gap at CM
17/07/10	79682	16:38:47 - 16:52:12	gap at GS
17/07/10	79682	16:47:23 - 16:59:31	gap at CM
17/07/10	79683	18:19:53 - 18:27:14	gap at GS
17/07/10	79683	19:18:19 - 19:28:33	gap at JO
17/07/10	79684	20:36:23 - 20:49:07	gap at MM
17/07/10	79684	19:36:04 - 19:48:01	gap at MA
17/07/10	79684	20:55:35 - 21:10:34	gap at JO

17/07/10	79685	22:09:58 - 22:20:56	gap at HO
17/07/10	79685	22:16:23 - 22:28:52	gap at MM
17/07/10	79685	22:37:32 - 22:45:33	gap at JO
17/07/10	79686	23:46:41 - 00:01:06	gap at HO
17/07/10	79686	23:57:20 - 00:08:52	gap at MM
17/07/10	79676	06:31:41 - 06:32:44	gap at KS
17/07/10	79677	08:10:55 - 08:12:38	gap at KS
17/07/10	79678	09:50:32 - 09:52:18	gap at KS
17/07/10	79679	11:30:04 - 11:31:54	gap at KS
17/07/10	79680	13:09:14 - 13:10:58	gap at KS
17/07/10	79681	14:47:54 - 14:49:44	gap at KS
17/07/10	79682	16:25:34 - 16:27:23	gap at KS
17/07/10	79683	18:03:21 - 18:05:25	gap at KS
17/07/10	79684	19:42:13 - 19:43:36	gap at KS
17/07/10	79685	21:22:49 - 21:24:05	gap at KS
17/07/10	79678	10:06:04 - 10:07:40	gap at MS
17/07/10	79679	11:43:00 - 11:44:53	gap at MS
17/07/10	79680	13:24:37 - 13:26:19	gap at MS
17/07/10	79686	22:52:17 - 22:53:42	gap at MS
17/07/10	79678	09:58:34 - 09:59:45	gap at MA
17/07/10	79685	21:14:32 - 21:16:32	gap at MA
17/07/10	79674	02:45:41 - 02:47:20	gap at MI
17/07/10	79675	04:25:23 - 04:26:59	gap at MI
17/07/10	79681	15:05:55 - 15:07:32	gap at MI
17/07/10	79682	16:44:54 - 16:46:29	gap at MI
17/07/10	79682	17:17:52 - 17:19:32	gap at MM
17/07/10	79683	18:57:00 - 18:58:33	gap at MM
18/07/10	79686	23:46:41 - 00:01:06	gap at HO
18/07/10	79686	23:57:20 - 00:08:52	gap at MM
18/07/10	79687	01:27:36 - 01:39:37	gap at HO
18/07/10	79687	00:43:25 - 00:51:35	gap at GS
18/07/10	79688	02:44:42 - 02:58:01	gap at BE
18/07/10	79688	02:19:53 - 02:32:29	gap at GS
18/07/10	79688	02:56:04 - 03:09:18	gap at SG
18/07/10	79688	03:52:10 - 04:04:29	gap at CM
18/07/10	79689	04:24:50 - 04:35:38	gap at BE
18/07/10	79689	05:05:13 - 05:11:01	gap at MM
18/07/10	79689	03:59:04 - 04:11:33	gap at GS
18/07/10	79689	04:36:30 - 04:47:01	gap at SG
18/07/10	79690	06:46:57 - 06:53:43	gap at MM
18/07/10	79690	06:00:56 - 06:06:04	gap at KS
18/07/10	79690	05:35:14 - 05:40:19	gap at CM
18/07/10	79690	06:29:27 - 06:37:19	gap at JO
18/07/10	79691	08:27:40 - 08:36:46	gap at MM
18/07/10	79691	08:04:21 - 08:19:19	gap at JO
18/07/10	79692	09:46:18 - 09:56:38	gap at JO
18/07/10	79693	11:57:24 - 12:10:38	gap at HO
18/07/10	79694	13:36:22 - 13:50:57	gap at HO

18/07/10	79695	14:01:18 - 14:14:42	gap at BE
18/07/10	79695	15:17:38 - 15:25:29	gap at HO
18/07/10	79695	15:07:24 - 15:20:04	gap at MM
18/07/10	79695	14:28:54 - 14:39:54	gap at GS
18/07/10	79695	15:30:28 - 15:44:21	gap at SG
18/07/10	79696	15:43:23 - 15:52:33	gap at BE
18/07/10	79696	16:46:42 - 16:59:14	gap at MM
18/07/10	79696	16:07:25 - 16:21:19	gap at GS
18/07/10	79696	16:16:07 - 16:28:28	gap at CM
18/07/10	79697	18:25:50 - 18:38:25	gap at MM
18/07/10	79697	17:57:47 - 17:58:53	gap at MI
18/07/10	79697	17:47:47 - 17:58:01	gap at GS
18/07/10	79697	17:58:21 - 18:03:46	gap at CM
18/07/10	79698	20:05:06 - 20:17:49	gap at MM
18/07/10	79698	19:08:33 - 19:15:54	gap at MA
18/07/10	79698	20:24:28 - 20:39:17	gap at JO
18/07/10	79699	21:44:52 - 21:57:29	gap at MM
18/07/10	79699	20:42:54 - 20:56:36	gap at MA
18/07/10	79699	22:04:47 - 22:16:43	gap at JO
18/07/10	79700	23:15:43 - 23:29:47	gap at HO
18/07/10	79700	23:25:30 - 23:37:25	gap at MM
18/07/10	79700	22:26:36 - 22:34:29	gap at MA
18/07/10	79691	07:39:39 - 07:40:56	gap at KS
18/07/10	79692	09:19:13 - 09:20:58	gap at KS
18/07/10	79693	10:58:49 - 11:00:36	gap at KS
18/07/10	79694	12:38:07 - 12:39:53	gap at KS
18/07/10	79695	14:16:58 - 14:18:49	gap at KS
18/07/10	79696	15:54:48 - 15:56:36	gap at KS
18/07/10	79697	17:32:42 - 17:34:34	gap at KS
18/07/10	79698	19:10:59 - 19:12:21	gap at KS
18/07/10	79699	20:50:59 - 20:52:16	gap at KS
18/07/10	79700	22:33:09 - 22:34:21	gap at KS
18/07/10	79687	00:34:04 - 00:35:14	gap at MS
18/07/10	79693	11:11:53 - 11:13:42	gap at MS
18/07/10	79694	12:51:59 - 12:53:43	gap at MS
18/07/10	79700	22:21:42 - 22:22:58	gap at MS
18/07/10	79692	09:27:21 - 09:28:47	gap at MA
18/07/10	79688	02:15:51 - 02:17:27	gap at MI
18/07/10	79689	03:53:18 - 03:55:38	gap at MI
18/07/10	79689	04:03:38 - 04:06:21	gap at MI
18/07/10	79695	14:36:13 - 14:37:48	gap at MI
18/07/10	79696	16:13:18 - 16:14:59	gap at MI
18/07/10	79693	11:48:01 - 11:49:03	gap at MM
19/07/10	79701	00:55:21 - 01:09:00	gap at HO
19/07/10	79701	01:07:11 - 01:17:34	gap at MM
19/07/10	79701	00:19:08 - 00:22:13	gap at KS
19/07/10	79702	02:13:45 - 02:26:14	gap at BE
19/07/10	79702	01:48:20 - 02:01:00	gap at GS

19/07/10	79702	02:26:01 - 02:37:04	gap at SG
19/07/10	79703	03:53:06 - 04:05:32	gap at BE
19/07/10	79703	04:32:58 - 04:39:02	gap at MM
19/07/10	79703	03:27:03 - 03:40:38	gap at GS
19/07/10	79703	04:04:09 - 04:17:09	gap at SG
19/07/10	79703	03:21:41 - 03:32:48	gap at CM
19/07/10	79703	05:01:21 - 05:11:32	gap at CM
19/07/10	79704	06:15:08 - 06:21:20	gap at MM
19/07/10	79705	07:33:39 - 07:47:50	gap at JO
19/07/10	79706	08:56:50 - 09:09:15	gap at MA
19/07/10	79706	09:13:23 - 09:26:43	gap at JO
19/07/10	79707	11:26:47 - 11:38:07	gap at HO
19/07/10	79708	13:05:03 - 13:19:53	gap at HO
19/07/10	79708	12:56:29 - 13:09:09	gap at MM
19/07/10	79709	14:45:30 - 14:55:43	gap at HO
19/07/10	79709	13:58:56 - 14:06:24	gap at GS
19/07/10	79709	14:59:32 - 15:12:58	gap at SG
19/07/10	79710	15:10:30 - 15:22:18	gap at BE
19/07/10	79710	16:15:31 - 16:28:05	gap at MM
19/07/10	79710	15:36:12 - 15:50:00	gap at GS
19/07/10	79710	16:40:25 - 16:50:18	gap at SG
19/07/10	79710	15:45:26 - 15:56:41	gap at CM
19/07/10	79711	17:54:41 - 18:07:14	gap at MM
19/07/10	79711	17:16:03 - 17:28:09	gap at GS
19/07/10	79711	17:25:06 - 17:35:11	gap at CM
19/07/10	79712	19:53:44 - 20:07:23	gap at JO
19/07/10	79713	20:11:59 - 20:25:42	gap at MA
19/07/10	79713	21:32:49 - 21:46:48	gap at JO
19/07/10	79714	22:45:17 - 22:58:18	gap at HO
19/07/10	79714	21:52:54 - 22:04:22	gap at MA
19/07/10	79705	07:08:26 - 07:09:40	gap at KS
19/07/10	79706	08:47:54 - 08:49:39	gap at KS
19/07/10	79707	10:27:32 - 10:29:19	gap at KS
19/07/10	79708	12:06:58 - 12:08:44	gap at KS
19/07/10	79709	13:45:54 - 13:47:44	gap at KS
19/07/10	79710	15:24:04 - 15:26:10	gap at KS
19/07/10	79711	17:01:47 - 17:03:38	gap at KS
19/07/10	79712	18:39:54 - 18:41:38	gap at KS
19/07/10	79713	20:19:21 - 20:20:41	gap at KS
19/07/10	79714	22:00:46 - 22:02:08	gap at KS
19/07/10	79701	00:01:10 - 00:02:41	gap at MS
19/07/10	79707	10:41:22 - 10:43:13	gap at MS
19/07/10	79708	12:20:09 - 12:22:05	gap at MS
19/07/10	79714	21:51:51 - 21:52:59	gap at MS
19/07/10	79715	23:29:13 - 23:30:54	gap at MS
19/07/10	79707	10:35:32 - 10:36:54	gap at MA
19/07/10	79702	01:47:35 - 01:48:56	gap at MI
19/07/10	79703	03:21:56 - 03:23:43	gap at MI

19/07/10	79704	05:04:57 - 05:06:23	gap at MI
19/07/10	79710	15:42:08 - 15:43:48	gap at MI
19/07/10	79711	17:22:58 - 17:24:34	gap at MI
19/07/10	79712	19:33:52 - 19:35:15	gap at MM
19/07/10	79713	21:13:26 - 21:14:42	gap at MM
20/07/10	79715	00:23:24 - 00:38:02	gap at HO
20/07/10	79715	00:35:07 - 00:46:04	gap at MM
20/07/10	79716	01:43:12 - 01:53:46	gap at BE
20/07/10	79716	02:07:51 - 02:13:39	gap at HO
20/07/10	79716	01:18:14 - 01:29:21	gap at GS
20/07/10	79717	03:21:37 - 03:34:53	gap at BE
20/07/10	79717	03:32:34 - 03:46:26	gap at SG
20/07/10	79717	02:52:14 - 03:00:18	gap at CM
20/07/10	79717	04:29:10 - 04:41:12	gap at CM
20/07/10	79718	05:43:11 - 05:49:02	gap at MM
20/07/10	79719	07:24:26 - 07:32:02	gap at MM
20/07/10	79719	07:03:36 - 07:15:57	gap at JO
20/07/10	79720	09:04:57 - 09:14:53	gap at MM
20/07/10	79720	08:41:22 - 08:56:05	gap at JO
20/07/10	79721	10:45:09 - 10:56:48	gap at MM
20/07/10	79722	12:25:07 - 12:37:39	gap at MM
20/07/10	79722	11:45:54 - 11:52:02	gap at MA
20/07/10	79723	14:13:43 - 14:26:38	gap at HO
20/07/10	79723	14:04:51 - 14:17:35	gap at MM
20/07/10	79723	14:29:21 - 14:40:54	gap at SG
20/07/10	79724	14:38:27 - 14:51:30	gap at BE
20/07/10	79724	15:44:19 - 15:56:55	gap at MM
20/07/10	79724	15:05:11 - 15:18:13	gap at GS
20/07/10	79724	16:07:51 - 16:20:36	gap at SG
20/07/10	79724	15:15:43 - 15:23:48	gap at CM
20/07/10	79725	17:23:32 - 17:36:03	gap at MM
20/07/10	79725	16:44:30 - 16:57:46	gap at GS
20/07/10	79725	16:53:07 - 17:05:05	gap at CM
20/07/10	79726	19:02:40 - 19:15:18	gap at MM
20/07/10	79726	19:23:40 - 19:34:38	gap at JO
20/07/10	79727	19:41:33 - 19:53:48	gap at MA
20/07/10	79727	21:01:17 - 21:16:12	gap at JO
20/07/10	79728	22:15:19 - 22:26:43	gap at HO
20/07/10	79728	22:43:41 - 22:50:33	gap at JO
20/07/10	79729	23:52:19 - 00:06:48	gap at HO
20/07/10	79719	06:37:19 - 06:38:26	gap at KS
20/07/10	79720	08:16:36 - 08:18:19	gap at KS
20/07/10	79721	09:56:14 - 09:58:01	gap at KS
20/07/10	79722	11:35:45 - 11:37:37	gap at KS
20/07/10	79723	13:14:53 - 13:16:38	gap at KS
20/07/10	79724	14:53:31 - 14:55:22	gap at KS
20/07/10	79725	16:31:09 - 16:33:00	gap at KS
20/07/10	79726	18:08:58 - 18:10:58	gap at KS

20/07/10	79727	19:47:55 - 19:49:21	gap at KS
20/07/10	79728	21:28:38 - 21:29:57	gap at KS
20/07/10	79729	23:11:51 - 23:12:53	gap at KS
20/07/10	79717	02:55:33 - 02:56:37	gap at GS
20/07/10	79718	04:37:46 - 04:39:00	gap at GS
20/07/10	79721	10:11:18 - 10:13:10	gap at MS
20/07/10	79722	11:48:38 - 11:50:33	gap at MS
20/07/10	79729	22:57:55 - 22:59:16	gap at MS
20/07/10	79720	08:25:36 - 08:26:48	gap at MA
20/07/10	79721	10:04:17 - 10:05:37	gap at MA
20/07/10	79728	21:20:18 - 21:22:26	gap at MA
20/07/10	79717	02:51:12 - 02:52:53	gap at MI
20/07/10	79718	04:31:19 - 04:32:57	gap at MI
20/07/10	79724	15:11:26 - 15:13:02	gap at MI
20/07/10	79725	16:50:41 - 16:52:21	gap at MI
20/07/10	79727	20:42:04 - 20:43:17	gap at MM
20/07/10	79728	22:22:08 - 22:23:25	gap at MM
21/07/10	79729	23:52:19 - 00:06:48	gap at HO
21/07/10	79730	01:33:31 - 01:45:08	gap at HO
21/07/10	79730	00:48:42 - 00:57:26	gap at GS
21/07/10	79731	02:50:22 - 03:03:44	gap at BE
21/07/10	79731- 79735	03:24:42 - 09:26:42	Missing data due to GOME OFF (ERS-2 Unav. Rep. 2010024)
21/07/10	79735	09:52:27 - 10:01:56	gap at JO
21/07/10	79736	12:03:02 - 12:16:30	gap at HO
21/07/10	79736	11:53:43 - 12:06:04	gap at MM
21/07/10	79737	13:42:05 - 13:56:32	gap at HO
21/07/10	79737	14:00:35 - 14:07:31	gap at SG
21/07/10	79738	14:06:58 - 14:20:23	gap at BE
21/07/10	79738	15:23:29 - 15:30:49	gap at HO
21/07/10	79738	14:34:26 - 14:45:24	gap at GS
21/07/10	79738	15:36:10 - 15:49:59	gap at SG
21/07/10	79739	15:49:31 - 15:57:56	gap at BE
21/07/10	79739	16:13:07 - 16:26:58	gap at GS
21/07/10	79739	16:21:46 - 16:34:10	gap at CM
21/07/10	79740	17:53:35 - 18:03:24	gap at GS
21/07/10	79740	18:04:52 - 18:08:28	gap at CM
21/07/10	79741	20:10:47 - 20:23:30	gap at MM
21/07/10	79741	19:13:16 - 19:21:17	gap at MA
21/07/10	79741	20:30:06 - 20:45:01	gap at JO
21/07/10	79742	21:46:15 - 21:54:40	gap at HO
21/07/10	79742	20:48:34 - 21:02:17	gap at MA
21/07/10	79742	22:10:39 - 22:22:04	gap at JO
21/07/10	79743	23:21:18 - 23:35:29	gap at HO
21/07/10	79743	22:32:49 - 22:39:50	gap at MA
21/07/10	79735	09:24:55 - 09:26:41	gap at KS
21/07/10	79736	11:04:30 - 11:06:18	gap at KS
21/07/10	79737	12:43:47 - 12:45:34	gap at KS

21/07/10	79738	14:22:36 - 14:24:27	gap at KS
21/07/10	79739	16:00:23 - 16:02:13	gap at KS
21/07/10	79740	17:38:18 - 17:40:09	gap at KS
21/07/10	79741	19:16:39 - 19:18:02	gap at KS
21/07/10	79742	20:56:45 - 20:58:01	gap at KS
21/07/10	79743	22:39:04 - 22:40:24	gap at KS
21/07/10	79730	00:40:14 - 00:41:22	gap at MS
21/07/10	79736	11:17:31 - 11:19:26	gap at MS
21/07/10	79737	12:57:51 - 12:59:39	gap at MS
21/07/10	79743	22:27:13 - 22:28:38	gap at MS
21/07/10	79735	09:33:01 - 09:34:27	gap at MA
21/07/10	79731	02:21:12 - 02:22:52	gap at MI
21/07/10	79738	14:41:30 - 14:43:03	gap at MI
21/07/10	79739	16:19:01 - 16:20:41	gap at MI
21/07/10	79739	16:52:22 - 16:53:28	gap at MM
21/07/10	79740	18:31:30 - 18:33:06	gap at MM
21/07/10	79742	21:50:36 - 21:52:28	gap at MM
21/07/10	79743	23:31:17 - 23:32:37	gap at MM
22/07/10	79744	01:01:10 - 01:14:35	gap at HO
22/07/10	79744	00:25:42 - 00:27:23	gap at KS
22/07/10	79745	02:19:21 - 02:32:03	gap at BE
22/07/10	79745	01:53:51 - 02:06:44	gap at GS
22/07/10	79745	02:31:24 - 02:43:00	gap at SG
22/07/10	79746	03:58:51 - 04:11:03	gap at BE
22/07/10	79746	04:38:50 - 04:44:50	gap at MM
22/07/10	79746	03:32:50 - 03:46:16	gap at GS
22/07/10	79746	04:09:58 - 04:22:40	gap at SG
22/07/10	79746	03:27:10 - 03:38:37	gap at CM
22/07/10	79746	05:07:20 - 05:16:57	gap at CM
22/07/10	79747	06:20:55 - 06:27:13	gap at MM
22/07/10	79748	07:39:11 - 07:53:35	gap at JO
22/07/10	79749	09:19:17 - 09:32:14	gap at JO
22/07/10	79752	14:51:19 - 15:01:02	gap at HO
22/07/10	79752	14:04:17 - 14:12:37	gap at GS
22/07/10	79752	15:05:07 - 15:18:43	gap at SG
22/07/10	79753	15:16:24 - 15:27:51	gap at BE
22/07/10	79753	15:41:52 - 15:55:44	gap at GS
22/07/10	79753	16:46:30 - 16:55:31	gap at SG
22/07/10	79753	15:50:58 - 16:02:31	gap at CM
22/07/10	79754	18:00:21 - 18:12:54	gap at MM
22/07/10	79754	17:21:48 - 17:33:37	gap at GS
22/07/10	79754	17:31:01 - 17:40:32	gap at CM
22/07/10	79755	18:44:46 - 18:48:51	gap at MA
22/07/10	79755	19:59:17 - 20:13:14	gap at JO
22/07/10	79756	20:17:34 - 20:31:22	gap at MA
22/07/10	79756	21:38:36 - 21:52:18	gap at JO
22/07/10	79757	22:50:51 - 23:04:01	gap at HO
22/07/10	79757	22:59:32 - 23:11:42	gap at MM

22/07/10	79757	21:58:48 - 22:09:54	gap at MA
22/07/10	79758	23:34:58 - 23:48:05	gap at MS
22/07/10	79748	07:14:06 - 07:17:29	gap at KS
22/07/10	79749	08:53:36 - 08:55:22	gap at KS
22/07/10	79750	10:33:13 - 10:35:02	gap at KS
22/07/10	79751	12:12:38 - 12:14:26	gap at KS
22/07/10	79752	13:51:32 - 13:53:24	gap at KS
22/07/10	79753	15:29:40 - 15:31:44	gap at KS
22/07/10	79754	17:07:22 - 17:09:13	gap at KS
22/07/10	79755	18:45:33 - 18:47:15	gap at KS
22/07/10	79756	20:25:05 - 20:26:25	gap at KS
22/07/10	79757	22:06:38 - 22:07:57	gap at KS
22/07/10	79744	00:07:04 - 00:08:35	gap at MS
22/07/10	79750	10:46:51 - 10:48:44	gap at MS
22/07/10	79751	12:25:52 - 12:27:47	gap at MS
22/07/10	79757	21:57:13 - 21:58:33	gap at MS
22/07/10	79750	10:41:16 - 10:42:33	gap at MA
22/07/10	79745	01:52:29 - 01:53:55	gap at MI
22/07/10	79746	03:27:35 - 03:31:02	gap at MI
22/07/10	79747	05:11:27 - 05:12:48	gap at MI
22/07/10	79753	15:47:46 - 15:49:24	gap at MI
22/07/10	79753	15:57:30 - 16:01:05	gap at MI
22/07/10	79754	17:28:57 - 17:30:33	gap at MI
22/07/10	79753	16:21:11 - 16:22:19	gap at MM
22/07/10	79755	19:39:32 - 19:40:59	gap at MM
22/07/10	79756	21:19:09 - 21:20:35	gap at MM
23/07/10	79758	00:29:05 - 00:43:42	gap at HO
23/07/10	79758	00:40:56 - 00:51:47	gap at MM
23/07/10	79759	01:48:43 - 01:59:44	gap at BE
23/07/10	79759	02:23:24 - 02:32:08	gap at MM
23/07/10	79759	01:23:40 - 01:35:07	gap at GS
23/07/10	79759	02:02:34 - 02:09:37	gap at SG
23/07/10	79760	03:27:20 - 03:40:30	gap at BE
23/07/10	79760	04:06:29 - 04:12:57	gap at MM
23/07/10	79760	02:56:44 - 03:09:34	gap at MI
23/07/10	79760	03:01:15 - 03:15:10	gap at GS
23/07/10	79760	03:38:16 - 03:52:04	gap at SG
23/07/10	79760	02:57:28 - 03:06:19	gap at CM
23/07/10	79760	04:34:57 - 04:46:47	gap at CM
23/07/10	79761	05:49:00 - 05:54:54	gap at MM
23/07/10	79761	04:37:18 - 04:47:49	gap at MI
23/07/10	79761	04:43:51 - 04:53:03	gap at GS
23/07/10	79762	07:30:12 - 07:37:55	gap at MM
23/07/10	79762	07:09:01 - 07:21:47	gap at JO
23/07/10	79763	09:10:41 - 09:20:44	gap at MM
23/07/10	79763	08:31:07 - 08:43:08	gap at MA
23/07/10	79763	08:47:08 - 09:01:41	gap at JO
23/07/10	79764	10:50:52 - 11:02:36	gap at MM

23/07/10	79764	10:09:59 - 10:22:53	gap at MA
23/07/10	79765	12:30:49 - 12:43:23	gap at MM
23/07/10	79765	11:51:59 - 11:57:05	gap at MA
23/07/10	79766	14:19:29 - 14:32:10	gap at HO
23/07/10	79766	14:10:32 - 14:23:16	gap at MM
23/07/10	79766	14:34:46 - 14:46:48	gap at SG
23/07/10	79767	14:44:14 - 14:57:07	gap at BE
23/07/10	79767	15:49:59 - 16:02:35	gap at MM
23/07/10	79767	15:10:48 - 15:24:02	gap at GS
23/07/10	79767	16:13:41 - 16:26:05	gap at SG
23/07/10	79767	15:21:00 - 15:29:54	gap at CM
23/07/10	79768	17:29:12 - 17:41:43	gap at MM
23/07/10	79768	16:50:14 - 17:03:20	gap at GS
23/07/10	79768	16:58:53 - 17:10:37	gap at CM
23/07/10	79769	19:08:20 - 19:20:59	gap at MM
23/07/10	79769	19:29:04 - 19:40:41	gap at JO
23/07/10	79770	20:47:46 - 21:00:30	gap at MM
23/07/10	79770	19:47:03 - 19:59:41	gap at MA
23/07/10	79770	21:07:00 - 21:21:48	gap at JO
23/07/10	79771	22:20:43 - 22:32:30	gap at HO
23/07/10	79771	22:27:52 - 22:40:17	gap at MM
23/07/10	79771	21:26:04 - 21:39:12	gap at MA
23/07/10	79772	23:57:58 - 00:12:29	gap at HO
23/07/10	79762	06:42:58 - 06:44:06	gap at KS
23/07/10	79763	08:22:18 - 08:24:03	gap at KS
23/07/10	79764	10:01:55 - 10:03:43	gap at KS
23/07/10	79765	11:41:26 - 11:43:18	gap at KS
23/07/10	79766	13:20:31 - 13:22:19	gap at KS
23/07/10	79767	14:59:05 - 15:01:01	gap at KS
23/07/10	79768	16:36:42 - 16:38:35	gap at KS
23/07/10	79769	18:14:35 - 18:16:37	gap at KS
23/07/10	79770	19:53:37 - 19:55:08	gap at KS
23/07/10	79771	21:34:27 - 21:35:58	gap at KS
23/07/10	79772	23:17:51 - 23:18:51	gap at KS
23/07/10	79764	10:16:43 - 10:18:37	gap at MS
23/07/10	79765	11:54:16 - 11:56:14	gap at MS
23/07/10	79772	23:03:33 - 23:05:09	gap at MS
23/07/10	79767	15:16:58 - 15:18:38	gap at MI
23/07/10	79768	16:56:30 - 16:58:10	gap at MI
23/07/10	79768	17:05:32 - 17:08:04	gap at MI
24/07/10	79772	23:57:58 - 00:12:29	gap at HO
24/07/10	79772	00:08:57 - 00:20:18	gap at MM
24/07/10	79773	01:39:30 - 01:50:39	gap at HO
24/07/10	79774	02:56:02 - 03:09:26	gap at BE
24/07/10	79774	03:07:12 - 03:20:50	gap at SG
24/07/10	79774	04:03:27 - 04:15:52	gap at CM
24/07/10	79775	04:36:28 - 04:46:25	gap at BE
24/07/10	79775	05:16:55 - 05:22:42	gap at MM

24/07/10	79775	04:48:36 - 04:57:32	gap at SG
24/07/10	79776	06:58:30 - 07:05:30	gap at MM
24/07/10	79776	06:39:43 - 06:49:24	gap at JO
24/07/10	79777	08:39:09 - 08:48:30	gap at MM
24/07/10	79777	08:01:42 - 08:10:09	gap at MA
24/07/10	79777	08:15:39 - 08:30:41	gap at JO
24/07/10	79778	09:38:41 - 09:52:21	gap at MA
24/07/10	79779	11:19:35 - 11:28:08	gap at MA
24/07/10	79780	13:39:14 - 13:51:57	gap at MM
24/07/10	79780	14:05:37 - 14:13:47	gap at SG
24/07/10	79781	14:12:39 - 14:26:04	gap at BE
24/07/10	79781	15:18:46 - 15:31:25	gap at MM
24/07/10	79781	14:40:00 - 14:50:53	gap at GS
24/07/10	79781	15:41:52 - 15:55:36	gap at SG
24/07/10	79782	15:55:42 - 16:03:16	gap at BE
24/07/10	79782	16:18:48 - 16:32:36	gap at GS
24/07/10	79782	16:27:25 - 16:39:50	gap at CM
24/07/10	79783	17:59:24 - 18:08:44	gap at GS
24/07/10	79783	19:00:16 - 19:06:30	gap at JO
24/07/10	79784	19:19:03 - 19:27:39	gap at MA
24/07/10	79784	20:35:44 - 20:50:43	gap at JO
24/07/10	79785	21:51:29 - 22:00:32	gap at HO
24/07/10	79785	22:16:33 - 22:27:23	gap at JO
24/07/10	79786	23:26:55 - 23:41:11	gap at HO
24/07/10	79786	22:39:11 - 22:45:05	gap at MA
24/07/10	79777	07:51:01 - 07:52:47	gap at KS
24/07/10	79778	09:30:36 - 09:32:25	gap at KS
24/07/10	79779	11:10:11 - 11:12:01	gap at KS
24/07/10	79780	12:49:27 - 12:51:15	gap at KS
24/07/10	79781	14:28:14 - 14:30:07	gap at KS
24/07/10	79782	16:05:58 - 16:07:50	gap at KS
24/07/10	79783	17:43:53 - 17:45:46	gap at KS
24/07/10	79784	19:22:19 - 19:23:45	gap at KS
24/07/10	79785	21:02:32 - 21:03:50	gap at KS
24/07/10	79786	22:45:00 - 22:46:24	gap at KS
24/07/10	79774	02:30:09 - 02:31:43	gap at GS
24/07/10	79775	04:10:51 - 04:12:17	gap at GS
24/07/10	79779	11:23:09 - 11:25:04	gap at MS
24/07/10	79780	13:03:45 - 13:05:54	gap at MS
24/07/10	79786	22:32:45 - 22:34:12	gap at MS
24/07/10	79785	20:54:15 - 20:56:16	gap at MA
24/07/10	79774	02:26:35 - 02:28:12	gap at MI
24/07/10	79775	04:04:52 - 04:07:17	gap at MI
24/07/10	79781	14:46:51 - 14:48:24	gap at MI
24/07/10	79782	16:24:45 - 16:26:27	gap at MI
24/07/10	79779	11:59:26 - 12:00:41	gap at MM
24/07/10	79782	16:58:02 - 16:59:18	gap at MM
24/07/10	79783	18:37:10 - 18:38:53	gap at MM

24/07/10	79784	20:16:28 - 20:17:49	gap at MM
24/07/10	79785	21:56:19 - 21:58:04	gap at MM
24/07/10	79786	23:37:04 - 23:38:21	gap at MM
25/07/10	79787	01:06:59 - 01:20:11	gap at HO
25/07/10	79788	02:24:58 - 02:37:52	gap at BE
25/07/10	79788	02:36:50 - 02:48:54	gap at SG
25/07/10	79788	03:32:40 - 03:44:24	gap at CM
25/07/10	79789	04:04:36 - 04:16:33	gap at BE
25/07/10	79789	04:15:48 - 04:28:08	gap at SG
25/07/10	79789	05:13:22 - 05:22:18	gap at CM
25/07/10	79790	06:26:43 - 06:33:06	gap at MM
25/07/10	79791	08:07:34 - 08:16:11	gap at MM
25/07/10	79791	07:44:45 - 07:59:20	gap at JO
25/07/10	79792	09:47:55 - 09:58:41	gap at MM
25/07/10	79792	09:25:13 - 09:37:43	gap at JO
25/07/10	79795	14:57:09 - 15:06:27	gap at HO
25/07/10	79795	14:09:41 - 14:18:45	gap at GS
25/07/10	79795	15:10:43 - 15:24:27	gap at SG
25/07/10	79796	15:22:20 - 15:33:23	gap at BE
25/07/10	79796	15:47:32 - 16:01:27	gap at GS
25/07/10	79796	16:52:40 - 17:00:40	gap at SG
25/07/10	79796	15:56:31 - 16:08:20	gap at CM
25/07/10	79797	17:27:34 - 17:39:04	gap at GS
25/07/10	79797	17:36:57 - 17:45:51	gap at CM
25/07/10	79798	18:50:20 - 18:54:34	gap at MA
25/07/10	79798	20:04:51 - 20:19:04	gap at JO
25/07/10	79799	20:23:10 - 20:36:57	gap at MA
25/07/10	79799	21:44:23 - 21:57:46	gap at JO
25/07/10	79800	22:56:27 - 23:09:45	gap at HO
25/07/10	79800	23:05:17 - 23:17:25	gap at MM
25/07/10	79800	22:05:21 - 22:15:25	gap at MA
25/07/10	79791	07:19:46 - 07:21:05	gap at KS
25/07/10	79792	08:59:17 - 09:01:05	gap at KS
25/07/10	79793	10:38:54 - 10:40:45	gap at KS
25/07/10	79794	12:18:18 - 12:20:08	gap at KS
25/07/10	79795	13:57:12 - 13:59:06	gap at KS
25/07/10	79796	15:35:15 - 15:37:17	gap at KS
25/07/10	79797	17:13:03 - 17:14:58	gap at KS
25/07/10	79798	18:51:11 - 18:52:51	gap at KS
25/07/10	79799	20:30:50 - 20:32:08	gap at KS
25/07/10	79800	22:12:30 - 22:13:52	gap at KS
25/07/10	79801	23:57:17 - 23:58:27	gap at KS
25/07/10	79788	01:59:24 - 02:01:00	gap at GS
25/07/10	79789	03:38:38 - 03:39:47	gap at GS
25/07/10	79787	00:12:59 - 00:14:32	gap at MS
25/07/10	79793	10:52:20 - 10:54:21	gap at MS
25/07/10	79794	12:31:36 - 12:33:34	gap at MS
25/07/10	79800	22:02:36 - 22:03:57	gap at MS

25/07/10	79801	23:40:45 - 23:42:21	gap at MS
25/07/10	79793	10:47:02 - 10:48:16	gap at MA
25/07/10	79788	01:57:32 - 01:59:04	gap at MI
25/07/10	79789	03:33:16 - 03:36:09	gap at MI
25/07/10	79790	05:18:28 - 05:19:35	gap at MI
25/07/10	79796	15:53:25 - 15:55:09	gap at MI
25/07/10	79797	17:34:59 - 17:36:35	gap at MI
25/07/10	79796	16:26:52 - 16:28:02	gap at MM
25/07/10	79797	18:06:01 - 18:08:12	gap at MM
25/07/10	79798	19:45:13 - 19:46:39	gap at MM
25/07/10	79799	21:24:51 - 21:26:26	gap at MM
26/07/10	79801	00:34:57 - 00:49:22	gap at HO
26/07/10	79802	01:54:15 - 02:05:40	gap at BE
26/07/10	79802	02:07:37 - 02:15:53	gap at SG
26/07/10	79803	03:33:02 - 03:46:05	gap at BE
26/07/10	79803	03:43:59 - 03:57:41	gap at SG
26/07/10	79803	03:02:46 - 03:12:16	gap at CM
26/07/10	79803	04:40:45 - 04:52:20	gap at CM
26/07/10	79805	07:35:57 - 07:43:49	gap at MM
26/07/10	79805	07:14:27 - 07:27:36	gap at JO
26/07/10	79806	09:16:25 - 09:26:35	gap at MM
26/07/10	79806	08:52:56 - 09:07:17	gap at JO
26/07/10	79808	12:36:32 - 12:49:07	gap at MM
26/07/10	79809	14:25:15 - 14:37:34	gap at HO
26/07/10	79809	14:16:14 - 14:28:57	gap at MM
26/07/10	79809	14:40:14 - 14:52:39	gap at SG
26/07/10	79810	14:50:02 - 15:02:44	gap at BE
26/07/10	79810	15:16:26 - 15:29:50	gap at GS
26/07/10	79810	16:19:34 - 16:31:32	gap at SG
26/07/10	79810	15:26:21 - 15:35:56	gap at CM
26/07/10	79811	16:55:57 - 17:08:52	gap at GS
26/07/10	79811	17:04:40 - 17:16:08	gap at CM
26/07/10	79812	19:14:01 - 19:26:40	gap at MM
26/07/10	79812	19:34:30 - 19:46:40	gap at JO
26/07/10	79813	20:53:28 - 21:06:12	gap at MM
26/07/10	79813	21:12:43 - 21:27:24	gap at JO
26/07/10	79814	22:26:09 - 22:38:14	gap at HO
26/07/10	79814	22:33:37 - 22:46:00	gap at MM
26/07/10	79801	23:57:17 - 23:58:27	gap at KS
26/07/10	79805	06:48:37 - 06:49:49	gap at KS
26/07/10	79806	08:27:59 - 08:29:47	gap at KS
26/07/10	79807	10:07:37 - 10:09:28	gap at KS
26/07/10	79808	11:47:06 - 11:49:02	gap at KS
26/07/10	79809	13:26:10 - 13:27:59	gap at KS
26/07/10	79810	15:04:40 - 15:06:42	gap at KS
26/07/10	79811	16:42:16 - 16:44:14	gap at KS
26/07/10	79812	18:20:12 - 18:22:08	gap at KS
26/07/10	79813	19:59:19 - 20:00:48	gap at KS

26/07/10	79814	21:40:17 - 21:41:43	gap at KS
26/07/10	79815	23:23:52 - 23:24:55	gap at KS
26/07/10	79802	01:29:07 - 01:30:25	gap at GS
26/07/10	79803	03:06:58 - 03:08:06	gap at GS
26/07/10	79807	10:22:09 - 10:24:04	gap at MS
26/07/10	79808	12:00:02 - 12:01:57	gap at MS
26/07/10	79815	23:09:13 - 23:10:55	gap at MS
26/07/10	79806	08:36:49 - 08:37:51	gap at MA
26/07/10	79807	10:15:42 - 10:16:50	gap at MA
26/07/10	79813	19:52:34 - 19:54:35	gap at MA
26/07/10	79814	21:31:52 - 21:33:44	gap at MA
26/07/10	79803	03:02:18 - 03:03:55	gap at MI
26/07/10	79804	04:43:19 - 04:44:56	gap at MI
26/07/10	79810	15:22:32 - 15:24:12	gap at MI
26/07/10	79811	17:02:20 - 17:04:02	gap at MI
26/07/10	79811	17:34:52 - 17:36:56	gap at MM
27/07/10	79815	00:03:36 - 00:18:10	gap at HO
27/07/10	79816	01:45:47 - 01:56:09	gap at HO
27/07/10	79817	03:01:42 - 03:15:07	gap at BE
27/07/10	79817	03:12:48 - 03:26:33	gap at SG
27/07/10	79817	02:34:54 - 02:38:21	gap at CM
27/07/10	79817	04:09:07 - 04:21:32	gap at CM
27/07/10	79818	04:42:19 - 04:51:45	gap at BE
27/07/10	79818	05:22:46 - 05:28:32	gap at MM
27/07/10	79818	04:54:46 - 05:02:40	gap at SG
27/07/10	79819	07:04:16 - 07:11:24	gap at MM
27/07/10	79819	06:44:57 - 06:55:21	gap at JO
27/07/10	79820	08:44:53 - 08:54:22	gap at MM
27/07/10	79820	08:21:20 - 08:36:21	gap at JO
27/07/10	79821	10:25:08 - 10:36:30	gap at MM
27/07/10	79821	10:05:02 - 10:12:16	gap at JO
27/07/10	79822	11:25:28 - 11:33:40	gap at MA
27/07/10	79823	13:44:55 - 13:57:39	gap at MM
27/07/10	79823	12:55:06 - 13:07:44	gap at KS
27/07/10	79823	14:10:46 - 14:19:55	gap at SG
27/07/10	79824	14:18:21 - 14:31:44	gap at BE
27/07/10	79824	15:24:27 - 15:37:05	gap at MM
27/07/10	79824	14:52:15 - 15:02:44	gap at MI
27/07/10	79824	14:33:51 - 14:45:26	gap at KS
27/07/10	79824	14:45:34 - 14:56:23	gap at GS
27/07/10	79824	15:47:36 - 16:01:12	gap at SG
27/07/10	79824	14:58:35 - 15:01:02	gap at CM
27/07/10	79825	16:02:00 - 16:08:31	gap at BE
27/07/10	79825	17:03:42 - 17:16:14	gap at MM
27/07/10	79825	16:30:29 - 16:43:20	gap at MI
27/07/10	79825	16:11:32 - 16:23:37	gap at KS
27/07/10	79825	16:24:31 - 16:38:13	gap at GS
27/07/10	79825	16:33:06 - 16:45:30	gap at CM

27/07/10	79826	18:42:50 - 18:55:26	gap at MM
27/07/10	79826	17:49:27 - 18:02:33	gap at KS
27/07/10	79826	18:05:14 - 18:14:04	gap at GS
27/07/10	79826	19:05:16 - 19:12:58	gap at JO
27/07/10	79827	20:22:09 - 20:34:53	gap at MM
27/07/10	79827	19:24:22 - 19:33:29	gap at MA
27/07/10	79827	19:28:00 - 19:41:59	gap at KS
27/07/10	79827	20:41:24 - 20:56:25	gap at JO
27/07/10	79828	21:56:39 - 22:06:24	gap at HO
27/07/10	79828	22:02:03 - 22:14:36	gap at MM
27/07/10	79828	21:08:19 - 21:21:36	gap at KS
27/07/10	79828	22:22:29 - 22:32:38	gap at JO
27/07/10	79829	23:32:31 - 23:46:53	gap at HO
27/07/10	79829	23:42:51 - 23:54:34	gap at MM
27/07/10	79829	22:45:40 - 22:50:13	gap at MA
27/07/10	79829	22:50:57 - 23:01:05	gap at KS
27/07/10	79820	07:56:42 - 07:58:30	gap at KS
27/07/10	79821	09:36:18 - 09:38:08	gap at KS
27/07/10	79822	11:15:52 - 11:17:43	gap at KS
27/07/10	79816	00:59:22 - 01:00:24	gap at GS
27/07/10	79817	02:35:44 - 02:36:56	gap at GS
27/07/10	79818	04:16:47 - 04:18:06	gap at GS
27/07/10	79822	11:28:48 - 11:30:46	gap at MS
27/07/10	79823	13:09:38 - 13:11:32	gap at MS
27/07/10	79829	22:38:18 - 22:39:47	gap at MS
27/07/10	79821	09:44:21 - 09:45:46	gap at MA
27/07/10	79828	21:00:04 - 21:02:06	gap at MA
27/07/10	79817	02:32:00 - 02:33:44	gap at MI
27/07/10	79818	04:10:42 - 04:13:09	gap at MI
27/07/10	79822	12:05:08 - 12:06:19	gap at MM
28/07/10	79830	01:12:47 - 01:25:45	gap at HO
28/07/10	79831	02:30:36 - 02:43:38	gap at BE
28/07/10	79831	02:42:17 - 02:54:46	gap at SG
28/07/10	79831	03:38:13 - 03:50:10	gap at CM
28/07/10	79832	04:10:23 - 04:22:02	gap at BE
28/07/10	79832	04:50:34 - 04:56:28	gap at MM
28/07/10	79832	04:21:40 - 04:33:35	gap at SG
28/07/10	79833	05:19:28 - 05:27:36	gap at CM
28/07/10	79834	08:13:19 - 08:22:04	gap at MM
28/07/10	79834	07:50:19 - 08:05:03	gap at JO
28/07/10	79835	09:53:39 - 10:04:31	gap at MM
28/07/10	79835	09:31:11 - 09:43:10	gap at JO
28/07/10	79838	15:03:00 - 15:11:56	gap at HO
28/07/10	79838	14:53:12 - 15:05:53	gap at MM
28/07/10	79838	14:15:08 - 14:24:51	gap at GS
28/07/10	79838	15:16:20 - 15:30:09	gap at SG
28/07/10	79839	15:28:18 - 15:38:54	gap at BE
28/07/10	79839	16:32:32 - 16:45:04	gap at MM

28/07/10	79839	15:53:13 - 16:07:08	gap at GS
28/07/10	79839	16:58:57 - 17:05:41	gap at SG
28/07/10	79839	16:02:05 - 16:14:07	gap at CM
28/07/10	79840	18:11:41 - 18:24:14	gap at MM
28/07/10	79840	17:33:20 - 17:44:31	gap at GS
28/07/10	79840	17:42:57 - 17:51:05	gap at CM
28/07/10	79841	19:50:54 - 20:03:36	gap at MM
28/07/10	79841	18:55:53 - 19:00:17	gap at MA
28/07/10	79841	20:10:26 - 20:24:52	gap at JO
28/07/10	79842	21:30:34 - 21:43:14	gap at MM
28/07/10	79842	20:28:47 - 20:42:32	gap at MA
28/07/10	79842	21:50:11 - 22:03:13	gap at JO
28/07/10	79843	23:01:58 - 23:15:29	gap at HO
28/07/10	79843	22:11:22 - 22:20:55	gap at MA
28/07/10	79834	07:25:27 - 07:26:48	gap at KS
28/07/10	79835	09:04:59 - 09:08:11	gap at KS
28/07/10	79836	10:44:36 - 10:46:28	gap at KS
28/07/10	79837	12:23:58 - 12:25:49	gap at KS
28/07/10	79838	14:02:51 - 14:04:47	gap at KS
28/07/10	79839	15:40:50 - 15:42:46	gap at KS
28/07/10	79840	17:18:41 - 17:20:36	gap at KS
28/07/10	79841	18:56:50 - 18:58:29	gap at KS
28/07/10	79842	20:36:35 - 20:37:54	gap at KS
28/07/10	79843	22:18:24 - 22:19:50	gap at KS
28/07/10	79831	02:04:57 - 02:06:08	gap at GS
28/07/10	79832	03:44:27 - 03:45:48	gap at GS
28/07/10	79830	00:18:57 - 00:20:30	gap at MS
28/07/10	79837	12:37:22 - 12:39:19	gap at MS
28/07/10	79836	10:57:45 - 10:59:46	gap at MS
28/07/10	79843	22:08:02 - 22:09:29	gap at MS
28/07/10	79844	23:46:33 - 23:48:10	gap at MS
28/07/10	79836	10:52:48 - 10:54:01	gap at MA
28/07/10	79831	02:02:41 - 02:04:17	gap at MI
28/07/10	79832	03:38:58 - 03:41:03	gap at MI
28/07/10	79838	14:23:33 - 14:24:58	gap at MI
28/07/10	79839	15:59:05 - 16:00:48	gap at MI
28/07/10	79840	17:41:07 - 17:42:38	gap at MI
28/07/10	79836	11:33:44 - 11:34:45	gap at MM
28/07/10	79843	23:11:04 - 23:12:04	gap at MM
29/07/10	79844	00:40:48 - 00:54:59	gap at HO
29/07/10	79845	01:59:48 - 02:11:35	gap at BE
29/07/10	79845	02:12:47 - 02:22:01	gap at SG
29/07/10	79846	03:38:46 - 03:51:40	gap at BE
29/07/10	79846	03:07:53 - 03:21:02	gap at MI
29/07/10	79846	03:49:43 - 04:03:17	gap at SG
29/07/10	79846	03:08:07 - 03:18:10	gap at CM
29/07/10	79846	04:46:36 - 04:57:51	gap at CM
29/07/10	79847	06:00:37 - 06:06:38	gap at MM

29/07/10	79848	07:19:54 - 07:33:24	gap at JO
29/07/10	79849	08:58:44 - 09:12:51	gap at JO
29/07/10	79850	11:02:18 - 11:14:10	gap at MM
29/07/10	79851	12:42:14 - 12:54:50	gap at MM
29/07/10	79852	14:31:02 - 14:42:51	gap at HO
29/07/10	79852	14:21:55 - 14:34:38	gap at MM
29/07/10	79852	14:45:43 - 14:58:30	gap at SG
29/07/10	79853	14:55:51 - 15:08:21	gap at BE
29/07/10	79853	15:22:04 - 15:35:37	gap at GS
29/07/10	79853	16:25:28 - 16:36:57	gap at SG
29/07/10	79853	15:31:46 - 15:41:55	gap at CM
29/07/10	79854	17:01:41 - 17:14:24	gap at GS
29/07/10	79854	17:10:28 - 17:21:37	gap at CM
29/07/10	79855	19:19:41 - 19:32:20	gap at MM
29/07/10	79855	19:39:58 - 19:52:38	gap at JO
29/07/10	79856	20:59:10 - 21:11:53	gap at MM
29/07/10	79856	21:18:27 - 21:32:58	gap at JO
29/07/10	79857	22:31:35 - 22:43:58	gap at HO
29/07/10	79857	22:39:22 - 22:51:42	gap at MM
29/07/10	79857	21:37:41 - 21:50:26	gap at MA
29/07/10	79844	00:03:26 - 00:04:39	gap at KS
29/07/10	79848	06:54:16 - 06:55:26	gap at KS
29/07/10	79849	08:33:40 - 08:35:30	gap at KS
29/07/10	79850	10:13:18 - 10:15:11	gap at KS
29/07/10	79851	11:52:47 - 11:54:43	gap at KS
29/07/10	79852	13:31:48 - 13:33:39	gap at KS
29/07/10	79853	15:10:13 - 15:12:20	gap at KS
29/07/10	79854	16:47:50 - 16:49:49	gap at KS
29/07/10	79855	18:25:49 - 18:27:41	gap at KS
29/07/10	79856	20:05:02 - 20:06:30	gap at KS
29/07/10	79857	21:46:08 - 21:47:32	gap at KS
29/07/10	79845	01:34:36 - 01:36:29	gap at GS
29/07/10	79846	03:12:41 - 03:13:52	gap at GS
29/07/10	79844	23:46:33 - 23:48:10	gap at MS
29/07/10	79850	10:27:38 - 10:29:36	gap at MS
29/07/10	79851	12:05:46 - 12:07:37	gap at MS
29/07/10	79858	23:14:55 - 23:16:32	gap at MS
29/07/10	79850	10:21:21 - 10:22:36	gap at MA
29/07/10	79856	19:58:05 - 20:00:04	gap at MA
29/07/10	79847	04:49:23 - 04:51:03	gap at MI
29/07/10	79853	15:28:07 - 15:29:50	gap at MI
29/07/10	79854	17:08:12 - 17:09:55	gap at MI
29/07/10	79854	17:40:31 - 17:42:30	gap at MM
30/07/10	79858	00:09:13 - 00:23:50	gap at HO
30/07/10	79858	00:20:34 - 00:31:45	gap at MM
30/07/10	79859	01:52:05 - 02:01:33	gap at HO
30/07/10	79860	03:07:23 - 03:20:47	gap at BE
30/07/10	79860	03:45:52 - 03:52:43	gap at MM

30/07/10	79860	03:18:25 - 03:32:16	gap at SG
30/07/10	79860	02:39:34 - 02:44:54	gap at CM
30/07/10	79860	04:14:49 - 04:27:11	gap at CM
30/07/10	79861	04:48:11 - 04:57:04	gap at BE
30/07/10	79861	05:28:36 - 05:34:23	gap at MM
30/07/10	79861	05:01:03 - 05:07:40	gap at SG
30/07/10	79862	07:10:02 - 07:17:18	gap at MM
30/07/10	79862	06:50:14 - 07:01:17	gap at JO
30/07/10	79863	08:50:37 - 09:00:14	gap at MM
30/07/10	79863	08:27:02 - 08:42:00	gap at JO
30/07/10	79865	11:31:18 - 11:39:02	gap at MA
30/07/10	79866	13:50:37 - 14:03:21	gap at MM
30/07/10	79866	14:16:00 - 14:25:59	gap at SG
30/07/10	79867	14:24:04 - 14:37:23	gap at BE
30/07/10	79867	15:30:07 - 15:42:45	gap at MM
30/07/10	79867	14:51:10 - 15:03:36	gap at GS
30/07/10	79867	15:53:22 - 16:06:46	gap at SG
30/07/10	79867	15:03:02 - 15:08:00	gap at CM
30/07/10	79868	16:30:13 - 16:43:49	gap at GS
30/07/10	79868	16:38:48 - 16:51:07	gap at CM
30/07/10	79869	18:11:04 - 18:19:22	gap at GS
30/07/10	79869	19:10:25 - 19:19:16	gap at JO
30/07/10	79870	19:27:53 - 19:39:19	gap at MA
30/07/10	79870	20:47:04 - 21:02:05	gap at JO
30/07/10	79871	22:01:54 - 22:12:13	gap at HO
30/07/10	79871	22:07:47 - 22:20:19	gap at MM
30/07/10	79871	21:05:56 - 21:19:16	gap at MA
30/07/10	79871	22:28:28 - 22:37:51	gap at JO
30/07/10	79872	23:38:11 - 23:52:34	gap at HO
30/07/10	79872	23:48:39 - 00:00:17	gap at MM
30/07/10	79863	08:02:23 - 08:04:13	gap at KS
30/07/10	79864	09:42:00 - 09:43:51	gap at KS
30/07/10	79865	11:21:33 - 11:23:29	gap at KS
30/07/10	79866	13:00:45 - 13:02:37	gap at KS
30/07/10	79867	14:39:28 - 14:41:24	gap at KS
30/07/10	79868	16:17:09 - 16:19:04	gap at KS
30/07/10	79869	17:55:00 - 17:57:11	gap at KS
30/07/10	79870	19:33:41 - 19:35:05	gap at KS
30/07/10	79871	21:14:07 - 21:15:28	gap at KS
30/07/10	79872	22:56:54 - 22:58:06	gap at KS
30/07/10	79859	01:04:44 - 01:05:45	gap at GS
30/07/10	79860	02:41:23 - 02:42:45	gap at GS
30/07/10	79861	04:22:44 - 04:24:03	gap at GS
30/07/10	79865	11:34:30 - 11:36:31	gap at MS
30/07/10	79866	13:15:33 - 13:17:27	gap at MS
30/07/10	79872	22:43:53 - 22:45:24	gap at MS
30/07/10	79863	08:11:57 - 08:12:58	gap at MA
30/07/10	79864	09:50:02 - 09:51:20	gap at MA

30/07/10	79860	02:37:27 - 02:39:11	gap at MI
30/07/10	79861	04:16:33 - 04:18:16	gap at MI
30/07/10	79867	14:57:42 - 14:59:24	gap at MI
30/07/10	79868	16:36:14 - 16:38:00	gap at MI
30/07/10	79865	12:10:51 - 12:11:55	gap at MM
30/07/10	79868	17:09:22 - 17:10:57	gap at MM
30/07/10	79869	18:48:30 - 18:50:11	gap at MM
30/07/10	79870	20:27:50 - 20:29:16	gap at MM
31/07/10	79872	23:48:39 - 00:00:17	gap at MM
31/07/10	79873	01:18:39 - 01:31:19	gap at HO
31/07/10	79873	00:35:33 - 00:42:46	gap at GS
31/07/10	79874	02:36:14 - 02:49:24	gap at BE
31/07/10	79874	02:47:47 - 03:00:36	gap at SG
31/07/10	79874	03:43:47 - 03:55:54	gap at CM
31/07/10	79875	04:16:09 - 04:27:29	gap at BE
31/07/10	79875	04:27:34 - 04:39:00	gap at SG
31/07/10	79876	05:52:41 - 05:56:43	gap at KS
31/07/10	79876	05:25:39 - 05:32:48	gap at CM
31/07/10	79876	06:22:01 - 06:28:01	gap at JO
31/07/10	79877	08:19:03 - 08:27:57	gap at MM
31/07/10	79877	07:55:55 - 08:10:46	gap at JO
31/07/10	79878	09:37:12 - 09:48:35	gap at JO
31/07/10	79880	13:19:17 - 13:32:00	gap at MM
31/07/10	79881	15:08:50 - 15:17:23	gap at HO
31/07/10	79881	14:58:53 - 15:11:33	gap at MM
31/07/10	79881	14:20:37 - 14:30:54	gap at GS
31/07/10	79881	15:21:58 - 15:35:51	gap at SG
31/07/10	79882	15:34:18 - 15:44:23	gap at BE
31/07/10	79882	16:38:12 - 16:50:44	gap at MM
31/07/10	79882	15:58:53 - 16:12:49	gap at GS
31/07/10	79882	16:07:41 - 16:19:53	gap at CM
31/07/10	79883	18:17:20 - 18:29:54	gap at MM
31/07/10	79883	17:39:06 - 17:49:56	gap at GS
31/07/10	79883	17:49:02 - 17:56:15	gap at CM
31/07/10	79884	19:56:34 - 20:09:17	gap at MM
31/07/10	79884	20:16:02 - 20:30:39	gap at JO
31/07/10	79885	21:36:17 - 21:48:56	gap at MM
31/07/10	79885	20:34:25 - 20:48:06	gap at MA
31/07/10	79885	21:56:01 - 22:08:39	gap at JO
31/07/10	79886	23:07:28 - 23:21:12	gap at HO
31/07/10	79886	23:16:50 - 23:28:50	gap at MM
31/07/10	79877	07:31:07 - 07:32:32	gap at KS
31/07/10	79878	09:10:41 - 09:12:31	gap at KS
31/07/10	79879	10:50:17 - 10:52:11	gap at KS
31/07/10	79880	12:29:38 - 12:31:31	gap at KS
31/07/10	79881	14:08:31 - 14:10:27	gap at KS
31/07/10	79882	15:46:25 - 15:48:20	gap at KS
31/07/10	79883	17:24:18 - 17:26:18	gap at KS

31/07/10	79884	19:02:30 - 19:04:06	gap at KS
31/07/10	79885	20:42:20 - 20:43:44	gap at KS
31/07/10	79886	22:24:17 - 22:25:39	gap at KS
31/07/10	79874	02:10:39 - 02:11:47	gap at GS
31/07/10	79875	03:50:17 - 03:51:43	gap at GS
31/07/10	79873	00:24:58 - 00:26:23	gap at MS
31/07/10	79879	11:03:28 - 11:05:21	gap at MS
31/07/10	79880	12:43:10 - 12:45:08	gap at MS
31/07/10	79886	22:13:29 - 22:14:52	gap at MS
31/07/10	79887	23:52:23 - 23:53:59	gap at MS
31/07/10	79878	09:19:00 - 09:20:24	gap at MA
31/07/10	79884	19:00:51 - 19:04:08	gap at MA
31/07/10	79874	02:07:55 - 02:09:35	gap at MI
31/07/10	79875	03:44:41 - 03:46:26	gap at MI
31/07/10	79881	14:28:29 - 14:30:00	gap at MI
31/07/10	79882	16:04:46 - 16:06:32	gap at MI
31/07/10	79883	17:47:23 - 17:48:52	gap at MI
31/07/10	79879	11:39:27 - 11:40:28	gap at MM

Lamp Failures: none

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
210710	03:24 Of f (outside gs visibility) 10:14 On	FPA 1: 273.4 FPA 2: 274.0 FPA 3: 273.6 FPA 4: 274.0

Timeline interruptions:

Date	Orbit No.	Duration	remark
08/072010	79549 - 79550	Start: 10:05:55 Stop: 10:59:25	Payload synchronization (ERS-2 Unavailability Report 2010021)
21/07/10	79736-79737	Start: 12:07:25 Stop: 12:32:03	(ERS-2 Unavailability Report 2010024)
22/07/10	79756	Start: 20:56:14 Stop: 21:20:36 (outside gs visibility)	GOME Timeline stopped activated due to RA anomaly (ERS-2 Unavailability Report 2010026)

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/07/10	79498 – 79512	~20:00 (04/07/10) - ~18:30 (05/07/10)	Narrow Swath Timeline GMNNOT41 executed
14-15/07/10	79642 - 79655	~21:30 (14/07/10) - ~19:00 (15/07/10)	Narrow Swath Timeline GMNNOT41 executed

24-25/07/10	79784- 79797	~19:00 (24/07/10) - ~18:00 (25/07/10)	Narrow Swath Timeline GMNNOT41 executed
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Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
06/07/10	79517	03:42:06	Corrupted products at MI anomalous values for most parameters
07/07/10	79540	19:20:39	Corrupted products at MM anomalous values for most parameters
30/07/10	79863	08:13:05	Corrupted products at MM anomalous values for most parameters
28/07/10	79842	Start: 20:45:30 stop after 20:52:45 (no visibility gs)	Calibration lamp instabilities: value at ca 196.5 V (nominal would be 198 V)
28/07/10	79843	Start before: 22:09:29 (no visibility gs) stop: 22:13:49	Calibration lamp instabilities: value at ca 181.0 V (nominal would be 198 V)
28/07/10	79843	Start: 23:09:04 stop after 23:16:60 (no visibility gs)	Calibration lamp instabilities: value at ca 197.0 V (nominal would be 198 V)
28/07/10	79843	Start before: 23:12:04 (no visibility gs) stop: 23:19:01	GOOD Lamp cal measurements, no instability
28/07/10	79844	Start before: 23:48:11 (no visibility gs) stop: 23:54:26	GOOD Lamp cal measurements, no instability
29/07/10	79844	Start: 00:06:41 stop after 00:11:44 (no visibility gs)	Calibration lamp instabilities: value at ca 197.5 V (nominal would be 198 V)
29/07/10	79844	Start before: 00:53:21 (no visibility gs) stop: 00:59:28	Calibration lamp instabilities: value at ca 197.5 V (nominal would be 198 V)
29/07/10	79845	Start: 01:47:17 stop after 01:48:55 (no visibility gs)	Calibration lamp instabilities: value at ca 197.5 V (nominal would be 198 V)
29/07/10	79845	Start: 02:35:43 stop after 02:40:13 (no visibility gs)	Calibration lamp instabilities: value at ca 182.3 V (nominal would be 198 V)
29/07/10	79846	Start before: 03:13:52 (no visibility gs) stop: 03:15:39	Calibration lamp instabilities: value at ca 182.0 V (nominal would be 198 V)

29/07/10	79846	Start: 03:27:54 stop after 03:28:48 (no visibility gs)	Calibration lamp instabilities: value at ca 181.0 V (nominal would be 198 V)
29/07/10	79846	Start before: 04:18:27 (no visibility gs) stop: 04:20:48	Calibration lamp instabilities: value at ca 181.5 V (nominal would be 198 V)
29/07/10	79847	Start before: 04:51:03 (no visibility gs) stop: 04:56:11	Calibration lamp instabilities: value at ca 182.1 V (nominal would be 198 V)