

GOME Operations for May 2010

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

GOME Operations during May 2010

Date	Operations	remark
01/05/10	data available within visibility of groundstation	start of sun calibration: 18:28:57
02/05/10	data available within visibility of groundstation	start of sun calibration: 17:57:17
03/05/10	data available within visibility of groundstation	start of sun calibration: 17:25:31.878
04/05/10	data available within visibility of groundstation	start of sun calibration: 16:53:50.351
05/05/10	data available within visibility of groundstation	start of sun calibration: 19:43:18.197
06/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
07/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
08/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
09/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
10/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
11/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
12/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
13/05/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
14/05/10	data available within visibility of groundstation	start of sun calibration: 18:19:17.523
15/05/10	data available within visibility of groundstation	start of sun calibration: 17:47:38.143
16/05/10	data available within visibility of groundstation	start of sun calibration: 17:15:58.765
17/05/10	data available within visibility of groundstation	start of sun calibration: 16:44:19.385
18/05/10	data available within visibility of groundstation	start of sun calibration: 19:33:53.227
19/05/10	data available within visibility of groundstation GOME Nadir Static View	start of sun calibration: 19:02:07.834
20/05/10	GOME OFF Start: 12:30:49 Stop: 16:49:32 data available within visibility of groundstation	start of sun calibration: 18:30:27.692 (TST44, T~ 265 K)

21/05/10	GOME OFF Start: 15:22:49 Stop: 19:34:47 data available within visibility of groundstation	start of sun calibration: 19:39:23.124 (TST44, T~ 268 K)
22/05/10	data available within visibility of groundstation	start of sun calibration: 17:27:08.585
23/05/10	data available within visibility of groundstation	start of sun calibration: 16:55:27.656
24/05/10	data available within visibility of groundstation	start of sun calibration: 19:45:02.683
25/05/10	data available within visibility of groundstation	start of sun calibration: 19:13:23.290
26/05/10	data available within visibility of groundstation	start of sun calibration: 18:41:43.837
27/05/10	data available within visibility of groundstation	start of sun calibration: 18:10:04.397
28/05/10	data available within visibility of groundstation	no solar calibration available due to missing data
29/05/10	data available within visibility of groundstation	start of sun calibration: 17:06:45.577
30/05/10	data available within visibility of groundstation	start of sun calibration: 19:56:13.399
31/05/10	data available within visibility of groundstation	start of sun calibration: 19:24:33.991

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
01/05/10	78570	00:37:54 - 00:52:11	gap at HO
01/05/10	78570	00:49:41 - 01:00:22	gap at MM
01/05/10	78570	00:00:21 - 00:05:49	gap at KS
01/05/10	78572	04:15:19 - 04:21:38	gap at MM
01/05/10	78572	03:05:26 - 03:15:13	gap at CM
01/05/10	78572	04:43:40 - 04:55:06	gap at CM
01/05/10	78574	07:38:49 - 07:46:45	gap at MM
01/05/10	78574	07:17:10 - 07:30:30	gap at JO
01/05/10	78575	08:55:50 - 09:10:04	gap at JO
01/05/10	78576	10:59:27 - 11:11:16	gap at MM
01/05/10	78578	14:28:08 - 14:40:10	gap at HO
01/05/10	78578	14:42:58 - 14:55:35	gap at SG
01/05/10	78579	14:52:56 - 15:05:33	gap at BE
01/05/10	78579	15:19:15 - 15:32:44	gap at GS
01/05/10	78579	15:29:03 - 15:38:56	gap at CM
01/05/10	78580	16:58:49 - 17:11:38	gap at GS

01/05/10	78580	17:07:34 - 17:18:53	gap at CM
01/05/10	78581	19:37:14 - 19:49:39	gap at JO
01/05/10	78582	20:56:19 - 21:09:03	gap at MM
01/05/10	78582	21:15:35 - 21:30:11	gap at JO
01/05/10	78583	22:28:52 - 22:41:06	gap at HO
01/05/10	78583	21:34:46 - 21:47:38	gap at MA
01/05/10	78575	08:30:50 - 08:32:17	gap at KS
01/05/10	78576	10:10:27 - 10:11:58	gap at KS
01/05/10	78577	11:49:57 - 11:51:31	gap at KS
01/05/10	78578	13:28:59 - 13:30:27	gap at KS
01/05/10	78579	15:07:26 - 15:09:10	gap at KS
01/05/10	78580	16:45:03 - 16:46:41	gap at KS
01/05/10	78581	18:23:01 - 18:24:35	gap at KS
01/05/10	78582	20:02:11 - 20:03:19	gap at KS
01/05/10	78583	21:43:12 - 21:44:18	gap at KS
01/05/10	78572	03:09:49 - 03:10:57	gap at GS
01/05/10	78576	10:24:53 - 10:26:31	gap at MS
01/05/10	78577	12:02:55 - 12:04:25	gap at MS
01/05/10	78584	23:12:04 - 23:13:19	gap at MS
01/05/10	78582	19:55:19 - 19:56:57	gap at MA
01/05/10	78572	03:05:05 - 03:06:27	gap at MI
01/05/10	78573	04:46:21 - 04:47:39	gap at MI
01/05/10	78579	15:25:19 - 15:26:45	gap at MI
01/05/10	78580	17:05:16 - 17:06:39	gap at MI
01/05/10	78580	17:37:41 - 17:39:24	gap at MM
01/05/10	78581	19:16:51 - 19:18:04	gap at MM
01/05/10	78571	01:57:01 - 01:58:43	gap at BE
01/05/10	78572	03:35:54 - 03:37:34	gap at BE
01/05/10	78571	02:10:11 - 02:12:10	gap at SG
01/05/10	78572	03:46:51 - 03:53:43	gap at SG
01/05/10	78578	14:42:58 - 14:46:23	gap at SG
01/05/10	78579	16:22:31 - 16:24:19	gap at SG
02/05/10	78584	00:06:25 - 00:21:00	gap at HO
02/05/10	78584	00:17:40 - 00:28:53	gap at MM
02/05/10	78585	01:48:58 - 01:58:53	gap at HO
02/05/10	78585	01:59:54 - 02:09:10	gap at MM
02/05/10	78586	03:04:32 - 03:17:57	gap at BE
02/05/10	78586	02:34:44 - 02:46:27	gap at MI
02/05/10	78586	03:15:37 - 03:29:25	gap at SG
02/05/10	78586	02:37:11 - 02:41:41	gap at CM
02/05/10	78586	04:11:58 - 04:24:21	gap at CM
02/05/10	78587	04:45:15 - 04:54:25	gap at BE
02/05/10	78588	06:47:35 - 06:58:19	gap at JO
02/05/10	78589	08:24:11 - 08:39:11	gap at JO
02/05/10	78590	10:08:17 - 10:14:45	gap at JO
02/05/10	78591	12:08:00 - 12:20:26	gap at MM
02/05/10	78591	11:28:24 - 11:36:24	gap at MA
02/05/10	78592	13:56:25 - 14:10:23	gap at HO

02/05/10	78592	13:47:46 - 14:00:30	gap at MM
02/05/10	78592	14:13:23 - 14:22:58	gap at SG
02/05/10	78593	15:27:17 - 15:39:55	gap at MM
02/05/10	78593	14:48:22 - 15:00:39	gap at GS
02/05/10	78593	15:00:41 - 15:04:38	gap at CM
02/05/10	78594	16:05:11 - 16:11:05	gap at BE
02/05/10	78594	17:06:32 - 17:19:04	gap at MM
02/05/10	78594	16:27:22 - 16:41:01	gap at GS
02/05/10	78594	16:35:57 - 16:48:19	gap at CM
02/05/10	78595	18:08:09 - 18:16:43	gap at GS
02/05/10	78595	19:07:49 - 19:16:08	gap at JO
02/05/10	78596	20:25:00 - 20:37:44	gap at MM
02/05/10	78596	19:27:03 - 19:36:24	gap at MA
02/05/10	78596	20:44:14 - 20:59:15	gap at JO
02/05/10	78597	21:03:00 - 21:16:26	gap at MA
02/05/10	78597	22:25:28 - 22:35:15	gap at JO
02/05/10	78598	23:35:21 - 23:49:44	gap at HO
02/05/10	78589	07:59:32 - 08:01:00	gap at KS
02/05/10	78590	09:39:09 - 09:40:38	gap at KS
02/05/10	78591	11:18:42 - 11:20:13	gap at KS
02/05/10	78592	12:57:55 - 12:59:24	gap at KS
02/05/10	78593	14:36:40 - 14:38:13	gap at KS
02/05/10	78594	16:14:20 - 16:15:54	gap at KS
02/05/10	78595	17:52:14 - 17:53:59	gap at KS
02/05/10	78596	19:30:50 - 19:31:55	gap at KS
02/05/10	78587	04:19:45 - 04:20:48	gap at GS
02/05/10	78591	11:31:39 - 11:33:17	gap at MS
02/05/10	78592	13:12:35 - 13:14:05	gap at MS
02/05/10	78598	22:41:05 - 22:42:11	gap at MS
02/05/10	78587	04:13:37 - 04:14:58	gap at MI
02/05/10	78593	14:54:58 - 14:56:19	gap at MI
02/05/10	78594	16:33:21 - 16:34:46	gap at MI
02/05/10	78595	18:45:40 - 18:46:59	gap at MM
02/05/10	78597	22:04:55 - 22:06:12	gap at MM
02/05/10	78593	14:21:13 - 14:22:47	gap at BE
02/05/10	78593	14:25:23 - 14:34:34	gap at BE
02/05/10	78592	14:13:23 - 14:14:26	gap at SG
02/05/10	78593	15:50:29 - 15:52:07	gap at SG
03/05/10	78599	01:15:43 - 01:28:32	gap at HO
03/05/10	78600	03:40:59 - 03:53:02	gap at CM
03/05/10	78601	04:53:30 - 04:59:22	gap at MM
03/05/10	78602	06:35:23 - 06:41:56	gap at MM
03/05/10	78602	05:49:59 - 05:52:29	gap at KS
03/05/10	78602	05:22:33 - 05:30:13	gap at CM
03/05/10	78603	08:16:11 - 08:25:00	gap at MM
03/05/10	78603	07:53:07 - 08:07:55	gap at JO
03/05/10	78604	09:56:31 - 10:07:26	gap at MM
03/05/10	78604	09:34:11 - 09:45:53	gap at JO

03/05/10	78606	13:16:26 - 13:29:08	gap at MM
03/05/10	78607	15:05:55 - 15:14:40	gap at HO
03/05/10	78607	14:17:53 - 14:27:53	gap at GS
03/05/10	78607	15:19:09 - 15:33:00	gap at SG
03/05/10	78608	15:31:18 - 15:41:39	gap at BE
03/05/10	78608	15:56:03 - 16:09:59	gap at GS
03/05/10	78608	16:04:53 - 16:17:00	gap at CM
03/05/10	78609	18:14:30 - 18:27:04	gap at MM
03/05/10	78609	17:36:13 - 17:47:13	gap at GS
03/05/10	78609	17:45:59 - 17:53:41	gap at CM
03/05/10	78610	18:58:20 - 19:03:08	gap at MA
03/05/10	78610	20:13:14 - 20:27:45	gap at JO
03/05/10	78611	20:31:36 - 20:45:19	gap at MA
03/05/10	78611	21:53:06 - 22:05:56	gap at JO
03/05/10	78612	23:04:43 - 23:18:21	gap at HO
03/05/10	78612	22:14:23 - 22:23:39	gap at MA
03/05/10	78603	07:28:17 - 07:29:17	gap at KS
03/05/10	78604	09:07:50 - 09:09:18	gap at KS
03/05/10	78605	10:47:26 - 10:48:56	gap at KS
03/05/10	78606	12:26:48 - 12:28:16	gap at KS
03/05/10	78607	14:05:41 - 14:07:14	gap at KS
03/05/10	78608	15:43:38 - 15:45:11	gap at KS
03/05/10	78609	17:21:29 - 17:23:01	gap at KS
03/05/10	78610	18:59:40 - 19:00:53	gap at KS
03/05/10	78600	02:07:44 - 02:09:03	gap at GS
03/05/10	78599	00:21:57 - 00:22:58	gap at MS
03/05/10	78605	11:00:39 - 11:02:11	gap at MS
03/05/10	78606	12:40:15 - 12:41:45	gap at MS
03/05/10	78613	23:49:28 - 23:50:43	gap at MS
03/05/10	78600	02:05:17 - 02:06:35	gap at MI
03/05/10	78601	03:41:49 - 03:43:10	gap at MI
03/05/10	78607	14:25:59 - 14:27:03	gap at MI
03/05/10	78608	16:01:55 - 16:03:16	gap at MI
03/05/10	78609	17:44:13 - 17:45:24	gap at MI
03/05/10	78610	19:53:44 - 19:54:49	gap at MM
03/05/10	78611	21:33:26 - 21:35:01	gap at MM
03/05/10	78600	02:33:25 - 02:34:53	gap at BE
03/05/10	78601	04:13:16 - 04:14:40	gap at BE
03/05/10	78600	02:45:02 - 02:46:28	gap at SG
03/05/10	78601	04:24:37 - 04:25:42	gap at SG
04/05/10	78613	00:43:42 - 00:57:48	gap at HO
04/05/10	78613	00:06:32 - 00:11:21	gap at KS
04/05/10	78615	03:10:49 - 03:21:07	gap at CM
04/05/10	78615	04:49:32 - 05:00:37	gap at CM
04/05/10	78617	07:44:35 - 07:52:39	gap at MM
04/05/10	78617	07:22:38 - 07:36:18	gap at JO
04/05/10	78618	09:25:01 - 09:35:21	gap at MM
04/05/10	78618	09:01:39 - 09:15:38	gap at JO

04/05/10	78621	14:33:55 - 14:45:36	gap at HO
04/05/10	78621	14:24:46 - 14:37:29	gap at MM
04/05/10	78621	14:48:28 - 15:01:24	gap at SG
04/05/10	78622	14:58:46 - 15:11:09	gap at BE
04/05/10	78622	15:24:54 - 15:38:30	gap at GS
04/05/10	78622	15:34:29 - 15:44:53	gap at CM
04/05/10	78623	17:43:21 - 17:55:53	gap at MM
04/05/10	78623	17:04:33 - 17:17:09	gap at GS
04/05/10	78623	17:13:23 - 17:24:21	gap at CM
04/05/10	78624	19:42:42 - 19:55:36	gap at JO
04/05/10	78625	21:02:01 - 21:14:44	gap at MM
04/05/10	78625	20:00:52 - 20:14:14	gap at MA
04/05/10	78625	21:21:19 - 21:35:45	gap at JO
04/05/10	78626	22:34:19 - 22:46:50	gap at HO
04/05/10	78626	22:42:15 - 22:54:34	gap at MM
04/05/10	78626	21:40:35 - 21:53:13	gap at MA
04/05/10	78617	06:57:06 - 06:58:15	gap at KS
04/05/10	78618	08:36:31 - 08:37:56	gap at KS
04/05/10	78619	10:16:09 - 10:17:38	gap at KS
04/05/10	78620	11:55:37 - 11:57:08	gap at KS
04/05/10	78621	13:34:37 - 13:36:06	gap at KS
04/05/10	78622	15:12:59 - 15:14:45	gap at KS
04/05/10	78623	16:50:36 - 16:52:14	gap at KS
04/05/10	78624	18:28:38 - 18:30:07	gap at KS
04/05/10	78625	20:07:54 - 20:08:54	gap at KS
04/05/10	78613	23:49:28 - 23:50:43	gap at MS
04/05/10	78619	10:30:22 - 10:31:57	gap at MS
04/05/10	78620	12:08:38 - 12:10:11	gap at MS
04/05/10	78627	23:17:46 - 23:18:58	gap at MS
04/05/10	78615	03:10:41 - 03:11:59	gap at MI
04/05/10	78616	04:52:27 - 04:53:40	gap at MI
04/05/10	78622	15:30:54 - 15:32:15	gap at MI
04/05/10	78623	17:11:08 - 17:12:27	gap at MI
04/05/10	78624	19:22:31 - 19:23:34	gap at MM
04/05/10	78614	02:02:35 - 02:04:21	gap at BE
04/05/10	78615	03:41:38 - 03:44:41	gap at BE
04/05/10	78614	02:15:24 - 02:16:29	gap at SG
04/05/10	78615	03:52:35 - 03:53:50	gap at SG
04/05/10	78615	04:03:34 - 04:06:04	gap at SG
05/05/10	NNNNN	00:00:00 - 00:00:00	gap at KS
06/05/10	78642	01:21:35 - 01:34:05	gap at HO
06/05/10	78643	03:46:34 - 03:58:46	gap at CM
06/05/10	78644	04:19:03 - 04:30:12	gap at BE
06/05/10	78644	04:59:22 - 05:05:12	gap at MM
06/05/10	78644	04:30:32 - 04:41:41	gap at SG
06/05/10	78645	06:41:10 - 06:47:49	gap at MM
06/05/10	78645	05:55:25 - 05:59:51	gap at KS
06/05/10	78645	05:28:48 - 05:35:21	gap at CM

06/05/10	78645	06:24:28 - 06:31:10	gap at JO
06/05/10	78646	08:21:56 - 08:30:53	gap at MM
06/05/10	78646	07:58:43 - 08:13:37	gap at JO
06/05/10	78647	10:02:14 - 10:13:15	gap at MM
06/05/10	78647	09:40:13 - 09:51:17	gap at JO
06/05/10	78649	13:22:08 - 13:34:51	gap at MM
06/05/10	78650	13:55:39 - 14:09:01	gap at BE
06/05/10	78650	15:11:46 - 15:20:07	gap at HO
06/05/10	78650	15:01:43 - 15:14:24	gap at MM
06/05/10	78650	14:23:23 - 14:33:54	gap at GS
06/05/10	78651	15:37:19 - 15:47:07	gap at BE
06/05/10	78651	16:01:44 - 16:15:39	gap at GS
06/05/10	78651	16:10:29 - 16:22:45	gap at CM
06/05/10	78652	18:20:10 - 18:32:45	gap at MM
06/05/10	78652	17:42:00 - 17:52:38	gap at GS
06/05/10	78652	17:52:06 - 17:58:48	gap at CM
06/05/10	78653	19:03:23 - 19:08:50	gap at MA
06/05/10	78653	20:18:50 - 20:33:32	gap at JO
06/05/10	78654	20:37:14 - 20:50:54	gap at MA
06/05/10	78654	21:58:56 - 22:11:21	gap at JO
06/05/10	78655	23:10:12 - 23:24:04	gap at HO
06/05/10	78646	07:33:58 - 07:34:58	gap at KS
06/05/10	78647	09:13:32 - 09:14:56	gap at KS
06/05/10	78648	10:53:08 - 10:54:35	gap at KS
06/05/10	78649	12:32:28 - 12:33:54	gap at KS
06/05/10	78650	14:11:20 - 14:12:50	gap at KS
06/05/10	78651	15:49:13 - 15:50:43	gap at KS
06/05/10	78652	17:27:07 - 17:28:38	gap at KS
06/05/10	78653	19:05:19 - 19:06:28	gap at KS
06/05/10	78644	03:53:12 - 03:54:27	gap at GS
06/05/10	78648	11:06:16 - 11:07:49	gap at MS
06/05/10	78649	12:46:07 - 12:47:36	gap at MS
06/05/10	78655	22:16:13 - 22:17:15	gap at MS
06/05/10	78656	23:55:18 - 23:56:28	gap at MS
06/05/10	78643	02:10:33 - 02:11:46	gap at MI
06/05/10	78644	03:47:33 - 03:49:33	gap at MI
06/05/10	78644	03:57:24 - 04:00:44	gap at MI
06/05/10	78650	14:31:02 - 14:32:14	gap at MI
06/05/10	78651	16:07:36 - 16:09:00	gap at MI
06/05/10	78653	19:59:25 - 20:00:28	gap at MM
06/05/10	78654	21:39:09 - 21:40:53	gap at MM
06/05/10	78655	23:19:43 - 23:21:01	gap at MM
06/05/10	78643	02:39:03 - 02:40:41	gap at BE
07/05/10	78656	00:49:31 - 01:03:24	gap at HO
07/05/10	78656	00:12:47 - 00:16:50	gap at KS
07/05/10	78657	02:08:10 - 02:20:23	gap at BE
07/05/10	78657	02:44:00 - 02:52:14	gap at MM
07/05/10	78658	03:16:14 - 03:26:58	gap at CM

07/05/10	78658	04:55:25 - 05:06:06	gap at CM
07/05/10	78660	07:50:20 - 07:58:32	gap at MM
07/05/10	78660	07:28:08 - 07:42:04	gap at JO
07/05/10	78661	09:30:44 - 09:41:11	gap at MM
07/05/10	78661	09:07:30 - 09:21:11	gap at JO
07/05/10	78662	11:21:21 - 11:31:59	gap at HO
07/05/10	78663	12:59:23 - 13:14:12	gap at HO
07/05/10	78664	14:39:42 - 14:50:47	gap at HO
07/05/10	78664	14:53:59 - 15:07:12	gap at SG
07/05/10	78665	15:04:37 - 15:16:44	gap at BE
07/05/10	78665	15:30:33 - 15:44:16	gap at GS
07/05/10	78665	15:39:57 - 15:50:48	gap at CM
07/05/10	78666	17:10:18 - 17:22:39	gap at GS
07/05/10	78666	17:19:14 - 17:29:47	gap at CM
07/05/10	78667	19:28:11 - 19:40:52	gap at MM
07/05/10	78667	19:48:13 - 20:01:30	gap at JO
07/05/10	78668	21:07:44 - 21:20:26	gap at MM
07/05/10	78668	21:27:04 - 21:41:17	gap at JO
07/05/10	78669	22:39:46 - 22:52:34	gap at HO
07/05/10	78669	22:48:00 - 23:00:16	gap at MM
07/05/10	78669	21:47:01 - 21:58:48	gap at MA
07/05/10	78661	08:42:13 - 08:43:40	gap at KS
07/05/10	78662	10:21:50 - 10:23:20	gap at KS
07/05/10	78663	12:01:17 - 12:02:51	gap at KS
07/05/10	78664	13:40:16 - 13:41:47	gap at KS
07/05/10	78665	15:18:30 - 15:20:23	gap at KS
07/05/10	78666	16:56:11 - 16:57:49	gap at KS
07/05/10	78667	18:34:16 - 18:35:47	gap at KS
07/05/10	78668	20:13:37 - 20:14:39	gap at KS
07/05/10	78669	21:54:54 - 21:55:54	gap at KS
07/05/10	78656	23:55:18 - 23:56:28	gap at MS
07/05/10	78662	10:35:51 - 10:38:12	gap at MS
07/05/10	78663	12:14:24 - 12:16:00	gap at MS
07/05/10	78670	23:23:29 - 23:24:47	gap at MS
07/05/10	78668	20:06:25 - 20:08:04	gap at MA
07/05/10	78665	15:36:31 - 15:37:50	gap at MI
07/05/10	78666	17:17:02 - 17:18:21	gap at MI
07/05/10	78666	17:49:01 - 17:50:41	gap at MM
07/05/10	78658	03:47:22 - 03:48:59	gap at BE
07/05/10	78657	02:20:41 - 02:21:47	gap at SG
07/05/10	78658	03:58:21 - 03:59:46	gap at SG
07/05/10	78658	04:10:01 - 04:11:37	gap at SG
07/05/10	78664	14:53:59 - 14:57:23	gap at SG
07/05/10	78665	16:34:24 - 16:36:21	gap at SG
08/05/10	78670	00:17:43 - 00:32:21	gap at HO
08/05/10	78671	02:01:23 - 02:09:30	gap at HO
08/05/10	78672	02:47:04 - 02:54:14	gap at CM
08/05/10	78672	04:23:24 - 04:35:36	gap at CM

08/05/10	78673	04:57:01 - 05:04:59	gap at BE
08/05/10	78674	06:58:14 - 07:10:06	gap at JO
08/05/10	78675	08:59:13 - 09:09:01	gap at MM
08/05/10	78675	08:35:37 - 08:50:27	gap at JO
08/05/10	78676	10:39:26 - 10:51:00	gap at MM
08/05/10	78677	12:28:22 - 12:42:52	gap at HO
08/05/10	78677	12:19:25 - 12:31:55	gap at MM
08/05/10	78677	11:40:00 - 11:46:53	gap at MA
08/05/10	78678	14:07:57 - 14:21:12	gap at HO
08/05/10	78678	13:59:09 - 14:11:53	gap at MM
08/05/10	78678	14:23:59 - 14:34:58	gap at SG
08/05/10	78679	14:32:41 - 14:45:52	gap at BE
08/05/10	78679	15:38:38 - 15:51:15	gap at MM
08/05/10	78679	15:05:55 - 15:17:36	gap at MI
08/05/10	78679	14:59:34 - 15:12:23	gap at GS
08/05/10	78679	16:02:02 - 16:15:05	gap at SG
08/05/10	78679	15:10:31 - 15:17:36	gap at CM
08/05/10	78680	17:17:52 - 17:30:23	gap at MM
08/05/10	78680	16:44:54 - 16:57:08	gap at MI
08/05/10	78680	16:38:47 - 16:52:12	gap at GS
08/05/10	78680	16:47:23 - 16:59:31	gap at CM
08/05/10	78681	18:57:00 - 19:09:38	gap at MM
08/05/10	78681	18:19:53 - 18:27:14	gap at GS
08/05/10	78681	19:18:19 - 19:28:33	gap at JO
08/05/10	78682	20:36:23 - 20:49:07	gap at MM
08/05/10	78682	19:36:04 - 19:48:01	gap at MA
08/05/10	78682	20:55:35 - 21:10:34	gap at JO
08/05/10	78683	22:09:58 - 22:20:56	gap at HO
08/05/10	78683	22:16:23 - 22:28:52	gap at MM
08/05/10	78683	22:37:32 - 22:45:33	gap at JO
08/05/10	78684	23:46:41 - 00:01:06	gap at HO
08/05/10	78684	23:57:20 - 00:08:52	gap at MM
08/05/10	78674	06:36:48 - 06:39:37	gap at KS
08/05/10	78675	08:10:55 - 08:12:23	gap at KS
08/05/10	78675	08:15:22 - 08:23:23	gap at KS
08/05/10	78676	09:50:32 - 09:52:03	gap at KS
08/05/10	78676	09:56:21 - 10:04:29	gap at KS
08/05/10	78677	11:30:04 - 11:31:41	gap at KS
08/05/10	78678	13:09:14 - 13:10:46	gap at KS
08/05/10	78679	14:47:54 - 14:49:30	gap at KS
08/05/10	78680	16:25:34 - 16:27:10	gap at KS
08/05/10	78681	18:03:21 - 18:05:08	gap at KS
08/05/10	78682	19:42:13 - 19:43:19	gap at KS
08/05/10	78676	10:06:04 - 10:07:27	gap at MS
08/05/10	78677	11:43:00 - 11:44:37	gap at MS
08/05/10	78678	13:24:37 - 13:26:03	gap at MS
08/05/10	78683	21:14:32 - 21:16:10	gap at MA
08/05/10	78672	02:45:41 - 02:47:00	gap at MI

08/05/10	78673	04:25:23 - 04:26:40	gap at MI
08/05/10	78672	03:15:55 - 03:22:35	gap at BE
08/05/10	78672	03:26:54 - 03:29:16	gap at SG
08/05/10	78672	03:38:49 - 03:40:47	gap at SG
09/05/10	78684	23:46:41 - 00:01:06	gap at HO
09/05/10	78684	23:57:20 - 00:08:52	gap at MM
09/05/10	78685	01:27:36 - 01:39:37	gap at HO
09/05/10	78685	01:39:22 - 01:49:05	gap at MM
09/05/10	78685	00:43:25 - 00:51:35	gap at GS
09/05/10	78686	03:22:17 - 03:29:39	gap at MM
09/05/10	78686	02:15:51 - 02:25:58	gap at MI
09/05/10	78686	03:52:10 - 04:04:29	gap at CM
09/05/10	78687	05:05:13 - 05:11:01	gap at MM
09/05/10	78687	03:53:18 - 04:06:21	gap at MI
09/05/10	78687	04:36:30 - 04:47:01	gap at SG
09/05/10	78688	06:46:57 - 06:53:43	gap at MM
09/05/10	78688	06:00:56 - 06:06:04	gap at KS
09/05/10	78688	05:35:14 - 05:40:19	gap at CM
09/05/10	78688	06:29:27 - 06:37:19	gap at JO
09/05/10	78689	08:27:40 - 08:36:46	gap at MM
09/05/10	78689	08:04:21 - 08:19:19	gap at JO
09/05/10	78690	10:07:58 - 10:19:04	gap at MM
09/05/10	78690	09:46:18 - 09:56:38	gap at JO
09/05/10	78691	11:57:24 - 12:10:38	gap at HO
09/05/10	78691	11:48:01 - 12:00:19	gap at MM
09/05/10	78692	13:36:22 - 13:50:57	gap at HO
09/05/10	78692	13:27:50 - 13:40:33	gap at MM
09/05/10	78693	14:01:18 - 14:14:42	gap at BE
09/05/10	78693	15:17:38 - 15:25:29	gap at HO
09/05/10	78693	15:07:24 - 15:20:04	gap at MM
09/05/10	78693	14:36:13 - 14:44:29	gap at MI
09/05/10	78693	14:28:54 - 14:39:54	gap at GS
09/05/10	78694	15:43:23 - 15:52:33	gap at BE
09/05/10	78694	16:46:42 - 16:59:14	gap at MM
09/05/10	78694	16:13:18 - 16:26:35	gap at MI
09/05/10	78694	16:07:25 - 16:21:19	gap at GS
09/05/10	78694	16:16:07 - 16:28:28	gap at CM
09/05/10	78695	18:25:50 - 18:38:25	gap at MM
09/05/10	78695	17:57:47 - 17:58:53	gap at MI
09/05/10	78695	17:47:47 - 17:58:01	gap at GS
09/05/10	78695	17:58:21 - 18:03:46	gap at CM
09/05/10	78696	20:05:06 - 20:17:49	gap at MM
09/05/10	78696	19:08:33 - 19:15:54	gap at MA
09/05/10	78696	20:24:28 - 20:39:17	gap at JO
09/05/10	78697	21:44:52 - 21:57:29	gap at MM
09/05/10	78697	20:42:54 - 20:56:36	gap at MA
09/05/10	78697	22:04:47 - 22:16:43	gap at JO
09/05/10	78698	23:15:43 - 23:29:47	gap at HO

09/05/10	78698	23:25:30 - 23:37:25	gap at MM
09/05/10	78698	22:26:36 - 22:34:29	gap at MA
09/05/10	78689	07:39:39 - 07:40:40	gap at KS
09/05/10	78690	09:19:13 - 09:20:45	gap at KS
09/05/10	78691	10:58:49 - 11:00:23	gap at KS
09/05/10	78692	12:38:07 - 12:39:40	gap at KS
09/05/10	78693	14:16:58 - 14:18:36	gap at KS
09/05/10	78694	15:54:48 - 15:56:23	gap at KS
09/05/10	78695	17:32:42 - 17:34:21	gap at KS
09/05/10	78696	19:10:59 - 19:12:05	gap at KS
09/05/10	78687	03:59:04 - 04:00:05	gap at GS
09/05/10	78685	00:34:04 - 00:35:40	gap at MS
09/05/10	78691	11:11:53 - 11:13:26	gap at MS
09/05/10	78692	12:51:59 - 12:53:23	gap at MS
09/05/10	78698	22:21:42 - 22:22:45	gap at MS
09/05/10	78690	09:27:21 - 09:28:25	gap at MA
09/05/10	78686	02:44:42 - 02:46:18	gap at BE
09/05/10	78687	04:24:50 - 04:26:31	gap at BE
09/05/10	78686	02:56:04 - 03:00:12	gap at SG
09/05/10	78693	15:30:28 - 15:31:54	gap at SG
10/05/10	78699	00:55:21 - 01:09:00	gap at HO
10/05/10	78699	00:19:08 - 00:22:13	gap at KS
10/05/10	78700	02:13:45 - 02:26:14	gap at BE
10/05/10	78700	01:47:35 - 01:52:38	gap at MI
10/05/10	78700	01:48:20 - 02:01:00	gap at GS
10/05/10	78701	04:32:58 - 04:39:02	gap at MM
10/05/10	78701	03:21:56 - 03:35:17	gap at MI
10/05/10	78701	03:21:41 - 03:32:48	gap at CM
10/05/10	78701	05:01:21 - 05:11:32	gap at CM
10/05/10	78702	06:15:08 - 06:21:20	gap at MM
10/05/10	78702	05:04:57 - 05:11:37	gap at MI
10/05/10	78703	07:56:05 - 08:04:25	gap at MM
10/05/10	78703	07:33:39 - 07:47:50	gap at JO
10/05/10	78704	09:36:28 - 09:47:02	gap at MM
10/05/10	78704	09:13:23 - 09:26:43	gap at JO
10/05/10	78705	11:26:47 - 11:38:07	gap at HO
10/05/10	78705	11:16:35 - 11:28:37	gap at MM
10/05/10	78706	13:05:03 - 13:19:53	gap at HO
10/05/10	78706	12:56:29 - 13:09:09	gap at MM
10/05/10	78707	14:45:30 - 14:55:43	gap at HO
10/05/10	78707	14:36:08 - 14:48:51	gap at MM
10/05/10	78707	13:58:56 - 14:06:24	gap at GS
10/05/10	78708	15:10:30 - 15:22:18	gap at BE
10/05/10	78708	16:15:31 - 16:28:05	gap at MM
10/05/10	78708	15:42:08 - 15:55:22	gap at MI
10/05/10	78708	15:36:12 - 15:50:00	gap at GS
10/05/10	78708	15:45:26 - 15:56:41	gap at CM
10/05/10	78709	17:54:41 - 18:07:14	gap at MM

10/05/10	78709	17:22:58 - 17:32:10	gap at MI
10/05/10	78709	17:16:03 - 17:28:09	gap at GS
10/05/10	78709	17:25:06 - 17:35:11	gap at CM
10/05/10	78710	19:33:52 - 19:46:33	gap at MM
10/05/10	78710	19:53:44 - 20:07:23	gap at JO
10/05/10	78711	21:13:26 - 21:26:08	gap at MM
10/05/10	78711	20:11:59 - 20:25:42	gap at MA
10/05/10	78711	21:32:49 - 21:46:48	gap at JO
10/05/10	78712	22:45:17 - 22:58:18	gap at HO
10/05/10	78704	08:47:54 - 08:49:28	gap at KS
10/05/10	78705	10:27:32 - 10:29:07	gap at KS
10/05/10	78706	12:06:58 - 12:08:34	gap at KS
10/05/10	78707	13:45:54 - 13:47:33	gap at KS
10/05/10	78708	15:24:04 - 15:25:56	gap at KS
10/05/10	78709	17:01:47 - 17:03:25	gap at KS
10/05/10	78710	18:39:54 - 18:41:21	gap at KS
10/05/10	78711	20:19:21 - 20:20:23	gap at KS
10/05/10	78712	22:00:46 - 22:01:51	gap at KS
10/05/10	78699	00:01:10 - 00:02:28	gap at MS
10/05/10	78705	10:41:22 - 10:43:41	gap at MS
10/05/10	78706	12:20:09 - 12:22:04	gap at MS
10/05/10	78713	23:29:13 - 23:30:44	gap at MS
10/05/10	78701	03:53:06 - 03:54:38	gap at BE
10/05/10	78701	04:04:09 - 04:13:55	gap at SG
10/05/10	78707	14:59:32 - 15:01:11	gap at SG
10/05/10	78708	16:40:25 - 16:42:23	gap at SG
11/05/10	78713	00:23:24 - 00:38:02	gap at HO
11/05/10	78714	01:43:12 - 01:53:46	gap at BE
11/05/10	78714	02:07:51 - 02:13:39	gap at HO
11/05/10	78715	04:00:36 - 04:07:10	gap at MM
11/05/10	78715	02:52:14 - 03:00:18	gap at CM
11/05/10	78715	04:29:10 - 04:41:12	gap at CM
11/05/10	78716	05:43:11 - 05:49:02	gap at MM
11/05/10	78717	07:03:36 - 07:15:57	gap at JO
11/05/10	78718	08:41:22 - 08:56:05	gap at JO
11/05/10	78720	11:45:54 - 11:52:02	gap at MA
11/05/10	78721	14:13:43 - 14:26:38	gap at HO
11/05/10	78721	14:04:51 - 14:17:35	gap at MM
11/05/10	78721	14:29:21 - 14:40:54	gap at SG
11/05/10	78722	14:38:27 - 14:51:30	gap at BE
11/05/10	78722	15:44:19 - 15:56:55	gap at MM
11/05/10	78722	15:05:11 - 15:18:13	gap at GS
11/05/10	78722	15:15:43 - 15:23:48	gap at CM
11/05/10	78723	17:23:32 - 17:36:03	gap at MM
11/05/10	78723	16:44:30 - 16:57:46	gap at GS
11/05/10	78723	16:53:07 - 17:05:05	gap at CM
11/05/10	78724	19:02:40 - 19:15:18	gap at MM
11/05/10	78724	19:23:40 - 19:34:38	gap at JO

11/05/10	78725	20:42:04 - 20:54:48	gap at MM
11/05/10	78725	19:41:33 - 19:53:48	gap at MA
11/05/10	78725	21:01:17 - 21:16:12	gap at JO
11/05/10	78726	22:15:19 - 22:26:43	gap at HO
11/05/10	78726	22:22:08 - 22:34:35	gap at MM
11/05/10	78726	22:43:41 - 22:50:33	gap at JO
11/05/10	78727	23:52:19 - 00:06:48	gap at HO
11/05/10	78717	06:37:19 - 06:38:19	gap at KS
11/05/10	78718	08:16:36 - 08:18:04	gap at KS
11/05/10	78719	09:56:14 - 09:57:43	gap at KS
11/05/10	78720	11:35:45 - 11:37:20	gap at KS
11/05/10	78721	13:14:53 - 13:16:22	gap at KS
11/05/10	78722	14:53:31 - 14:55:06	gap at KS
11/05/10	78723	16:31:09 - 16:32:44	gap at KS
11/05/10	78724	18:08:58 - 18:10:39	gap at KS
11/05/10	78725	19:47:55 - 19:49:02	gap at KS
11/05/10	78726	21:28:38 - 21:29:38	gap at KS
11/05/10	78714	01:18:14 - 01:19:14	gap at GS
11/05/10	78719	10:11:18 - 10:12:58	gap at MS
11/05/10	78720	11:48:38 - 11:50:15	gap at MS
11/05/10	78727	22:57:55 - 22:59:04	gap at MS
11/05/10	78726	21:20:18 - 21:21:55	gap at MA
11/05/10	78715	02:51:12 - 02:52:33	gap at MI
11/05/10	78716	04:31:19 - 04:32:41	gap at MI
11/05/10	78722	15:11:26 - 15:12:50	gap at MI
11/05/10	78723	16:50:41 - 16:52:08	gap at MI
11/05/10	78715	03:21:37 - 03:23:11	gap at BE
11/05/10	78715	03:32:34 - 03:33:56	gap at SG
11/05/10	78715	03:44:27 - 03:46:26	gap at SG
11/05/10	78721	14:29:21 - 14:31:18	gap at SG
11/05/10	78722	16:07:51 - 16:10:02	gap at SG
12/05/10	78727	23:52:19 - 00:06:48	gap at HO
12/05/10	78727	00:03:09 - 00:14:35	gap at MM
12/05/10	78728	01:33:31 - 01:45:08	gap at HO
12/05/10	78728	00:48:42 - 00:57:26	gap at GS
12/05/10	78729	03:28:11 - 03:35:25	gap at MM
12/05/10	78729	03:57:48 - 04:10:11	gap at CM
12/05/10	78730	05:11:05 - 05:16:52	gap at MM
12/05/10	78731	06:52:44 - 06:59:37	gap at MM
12/05/10	78731	06:06:28 - 06:12:13	gap at KS
12/05/10	78731	05:42:08 - 05:44:49	gap at CM
12/05/10	78731	06:34:33 - 06:43:24	gap at JO
12/05/10	78732	08:33:24 - 08:42:38	gap at MM
12/05/10	78732	07:55:59 - 08:01:45	gap at MA
12/05/10	78732	08:10:00 - 08:25:00	gap at JO
12/05/10	78733	09:52:27 - 10:01:56	gap at JO
12/05/10	78734	12:03:02 - 12:16:30	gap at HO
12/05/10	78735	13:42:05 - 13:56:32	gap at HO

12/05/10	78736	14:06:58 - 14:20:23	gap at BE
12/05/10	78736	15:23:29 - 15:30:49	gap at HO
12/05/10	78736	14:34:26 - 14:45:24	gap at GS
12/05/10	78736	15:36:10 - 15:49:59	gap at SG
12/05/10	78737	15:49:31 - 15:57:56	gap at BE
12/05/10	78737	16:13:07 - 16:26:58	gap at GS
12/05/10	78737	16:21:46 - 16:34:10	gap at CM
12/05/10	78738	18:31:30 - 18:44:05	gap at MM
12/05/10	78738	17:53:35 - 18:03:24	gap at GS
12/05/10	78738	18:04:52 - 18:08:28	gap at CM
12/05/10	78739	20:10:47 - 20:23:30	gap at MM
12/05/10	78739	19:13:16 - 19:21:17	gap at MA
12/05/10	78739	20:30:06 - 20:45:01	gap at JO
12/05/10	78740	21:46:15 - 21:54:40	gap at HO
12/05/10	78740	21:50:36 - 22:03:12	gap at MM
12/05/10	78740	20:48:34 - 21:02:17	gap at MA
12/05/10	78740	22:10:39 - 22:22:04	gap at JO
12/05/10	78741	23:21:18 - 23:35:29	gap at HO
12/05/10	78741	23:31:17 - 23:43:08	gap at MM
12/05/10	78741	22:32:49 - 22:39:50	gap at MA
12/05/10	78732	07:45:19 - 07:46:21	gap at KS
12/05/10	78733	09:24:55 - 09:26:26	gap at KS
12/05/10	78734	11:04:30 - 11:06:03	gap at KS
12/05/10	78735	12:43:47 - 12:45:20	gap at KS
12/05/10	78736	14:22:36 - 14:25:55	gap at KS
12/05/10	78737	16:00:23 - 16:01:57	gap at KS
12/05/10	78738	17:38:18 - 17:39:55	gap at KS
12/05/10	78739	19:16:39 - 19:17:43	gap at KS
12/05/10	78740	20:56:45 - 20:57:45	gap at KS
12/05/10	78734	11:17:31 - 11:19:06	gap at MS
12/05/10	78735	12:57:51 - 12:59:20	gap at MS
12/05/10	78733	09:33:01 - 09:34:05	gap at MA
12/05/10	78729	02:21:12 - 02:22:33	gap at MI
12/05/10	78730	03:59:05 - 04:01:11	gap at MI
12/05/10	78736	14:41:30 - 14:42:45	gap at MI
12/05/10	78737	16:19:01 - 16:20:23	gap at MI
12/05/10	78729	02:50:22 - 02:51:58	gap at BE
12/05/10	78730	04:30:39 - 04:32:17	gap at BE
12/05/10	78729	03:01:37 - 03:03:13	gap at SG
12/05/10	78729	03:12:58 - 03:15:05	gap at SG
12/05/10	78730	04:42:31 - 04:43:40	gap at SG
12/05/10	78735	14:03:13 - 14:07:31	gap at SG
13/05/10	78742	01:01:10 - 01:14:35	gap at HO
13/05/10	78742	01:13:02 - 01:23:17	gap at MM
13/05/10	78742	00:25:42 - 00:27:23	gap at KS
13/05/10	78743	02:55:46 - 03:03:45	gap at MM
13/05/10	78744	04:38:50 - 04:44:50	gap at MM
13/05/10	78744	05:07:20 - 05:16:57	gap at CM

13/05/10	78745	06:20:55 - 06:27:13	gap at MM
13/05/10	78746	08:01:49 - 08:10:18	gap at MM
13/05/10	78746	07:39:11 - 07:53:35	gap at JO
13/05/10	78747	09:42:12 - 09:52:52	gap at MM
13/05/10	78747	09:19:17 - 09:32:14	gap at JO
13/05/10	78748	11:22:18 - 11:34:23	gap at MM
13/05/10	78749	13:02:11 - 13:14:52	gap at MM
13/05/10	78750	14:51:19 - 15:01:02	gap at HO
13/05/10	78750	14:41:50 - 14:54:32	gap at MM
13/05/10	78750	14:04:17 - 14:12:37	gap at GS
13/05/10	78751	15:16:24 - 15:27:51	gap at BE
13/05/10	78751	16:21:11 - 16:33:45	gap at MM
13/05/10	78751	15:41:52 - 15:55:44	gap at GS
13/05/10	78751	15:50:58 - 16:02:31	gap at CM
13/05/10	78752	18:00:21 - 18:12:54	gap at MM
13/05/10	78752	17:21:48 - 17:33:37	gap at GS
13/05/10	78752	17:31:01 - 17:40:32	gap at CM
13/05/10	78753	19:39:32 - 19:52:14	gap at MM
13/05/10	78753	18:44:46 - 18:48:51	gap at MA
13/05/10	78753	19:59:17 - 20:13:14	gap at JO
13/05/10	78754	21:19:09 - 21:31:50	gap at MM
13/05/10	78754	20:17:34 - 20:31:22	gap at MA
13/05/10	78754	21:38:36 - 21:52:18	gap at JO
13/05/10	78755	22:50:51 - 23:04:01	gap at HO
13/05/10	78755	22:59:32 - 23:11:42	gap at MM
13/05/10	78755	21:58:48 - 22:09:54	gap at MA
13/05/10	78747	08:53:36 - 08:55:02	gap at KS
13/05/10	78748	10:33:13 - 10:34:43	gap at KS
13/05/10	78749	12:12:38 - 12:14:06	gap at KS
13/05/10	78750	13:51:32 - 13:53:04	gap at KS
13/05/10	78751	15:29:40 - 15:31:24	gap at KS
13/05/10	78752	17:07:22 - 17:08:54	gap at KS
13/05/10	78753	18:45:33 - 18:46:57	gap at KS
13/05/10	78754	20:25:05 - 20:26:06	gap at KS
13/05/10	78755	22:06:38 - 22:07:38	gap at KS
13/05/10	78743	01:53:51 - 01:54:59	gap at GS
13/05/10	78742	00:07:04 - 00:08:18	gap at MS
13/05/10	78748	10:46:51 - 10:48:24	gap at MS
13/05/10	78749	12:25:52 - 12:27:29	gap at MS
13/05/10	78755	21:57:13 - 21:58:13	gap at MS
13/05/10	78756	23:34:58 - 23:36:13	gap at MS
13/05/10	78743	01:52:29 - 01:53:31	gap at MI
13/05/10	78744	03:27:35 - 03:29:01	gap at MI
13/05/10	78751	15:47:46 - 15:49:04	gap at MI
13/05/10	78752	17:28:57 - 17:30:11	gap at MI
13/05/10	78743	02:19:21 - 02:20:59	gap at BE
13/05/10	78744	03:58:51 - 04:00:23	gap at BE
13/05/10	78743	02:31:24 - 02:32:48	gap at SG

13/05/10	78744	04:09:58 - 04:11:29	gap at SG
13/05/10	78750	15:05:07 - 15:06:33	gap at SG
13/05/10	78751	16:46:30 - 16:48:06	gap at SG
13/05/10	78744	03:27:10 - 03:28:40	gap at CM
13/05/10	78744	03:32:52 - 03:38:37	gap at CM
14/05/10	78756	00:29:05 - 00:43:42	gap at HO
14/05/10	78757	01:48:43 - 01:59:44	gap at BE
14/05/10	78758	04:06:29 - 04:12:57	gap at MM
14/05/10	78758	02:57:28 - 03:06:19	gap at CM
14/05/10	78758	04:34:57 - 04:46:47	gap at CM
14/05/10	78759	05:49:00 - 05:54:54	gap at MM
14/05/10	78760	07:09:01 - 07:21:47	gap at JO
14/05/10	78761	08:31:07 - 08:43:08	gap at MA
14/05/10	78761	08:47:08 - 09:01:41	gap at JO
14/05/10	78762	10:09:59 - 10:22:53	gap at MA
14/05/10	78763	11:51:59 - 11:57:05	gap at MA
14/05/10	78764	14:19:29 - 14:32:10	gap at HO
14/05/10	78764	14:10:32 - 14:23:16	gap at MM
14/05/10	78764	14:34:46 - 14:46:48	gap at SG
14/05/10	78765	14:44:14 - 14:57:07	gap at BE
14/05/10	78765	15:49:59 - 16:02:35	gap at MM
14/05/10	78765	15:10:48 - 15:24:02	gap at GS
14/05/10	78765	15:21:00 - 15:29:54	gap at CM
14/05/10	78766	17:29:12 - 17:41:43	gap at MM
14/05/10	78766	16:50:14 - 17:03:20	gap at GS
14/05/10	78766	16:58:53 - 17:10:37	gap at CM
14/05/10	78767	19:08:20 - 19:20:59	gap at MM
14/05/10	78767	19:29:04 - 19:40:41	gap at JO
14/05/10	78768	20:47:46 - 21:00:30	gap at MM
14/05/10	78768	19:47:03 - 19:59:41	gap at MA
14/05/10	78768	21:07:00 - 21:21:48	gap at JO
14/05/10	78769	22:20:43 - 22:32:30	gap at HO
14/05/10	78769	22:27:52 - 22:40:17	gap at MM
14/05/10	78769	21:26:04 - 21:39:12	gap at MA
14/05/10	78770	23:57:58 - 00:12:29	gap at HO
14/05/10	78761	08:22:18 - 08:23:44	gap at KS
14/05/10	78762	10:01:55 - 10:03:23	gap at KS
14/05/10	78763	11:41:26 - 11:42:58	gap at KS
14/05/10	78764	13:20:31 - 13:21:59	gap at KS
14/05/10	78765	14:59:05 - 15:00:41	gap at KS
14/05/10	78766	16:36:42 - 16:38:15	gap at KS
14/05/10	78767	18:14:35 - 18:16:19	gap at KS
14/05/10	78768	19:53:37 - 19:54:46	gap at KS
14/05/10	78769	21:34:27 - 21:35:36	gap at KS
14/05/10	78762	10:16:43 - 10:18:19	gap at MS
14/05/10	78763	11:54:16 - 11:55:54	gap at MS
14/05/10	78770	23:03:33 - 23:04:49	gap at MS
14/05/10	78758	02:56:44 - 02:58:03	gap at MI

14/05/10	78759	04:37:18 - 04:38:35	gap at MI
14/05/10	78765	15:16:58 - 15:18:13	gap at MI
14/05/10	78766	16:56:30 - 16:57:48	gap at MI
14/05/10	78758	03:27:20 - 03:28:54	gap at BE
14/05/10	78757	02:02:34 - 02:06:26	gap at SG
14/05/10	78758	03:38:16 - 03:50:33	gap at SG
14/05/10	78764	14:34:46 - 14:37:16	gap at SG
14/05/10	78765	16:13:41 - 16:15:40	gap at SG
15/05/10	78770	23:57:58 - 00:12:29	gap at HO
15/05/10	78770	00:08:57 - 00:20:18	gap at MM
15/05/10	78771	01:39:30 - 01:50:39	gap at HO
15/05/10	78772	03:34:05 - 03:41:11	gap at MM
15/05/10	78772	04:03:27 - 04:15:52	gap at CM
15/05/10	78773	05:16:55 - 05:22:42	gap at MM
15/05/10	78774	06:58:30 - 07:05:30	gap at MM
15/05/10	78774	06:39:43 - 06:49:24	gap at JO
15/05/10	78775	08:39:09 - 08:48:30	gap at MM
15/05/10	78775	08:01:42 - 08:10:09	gap at MA
15/05/10	78775	08:15:39 - 08:30:41	gap at JO
15/05/10	78776	09:38:41 - 09:52:21	gap at MA
15/05/10	78777	11:19:35 - 11:28:08	gap at MA
15/05/10	78778	13:39:14 - 13:51:57	gap at MM
15/05/10	78778	14:05:37 - 14:13:47	gap at SG
15/05/10	78779	14:12:39 - 14:26:04	gap at BE
15/05/10	78779	14:40:00 - 14:50:53	gap at GS
15/05/10	78780	15:55:42 - 16:03:16	gap at BE
15/05/10	78780	16:18:48 - 16:32:36	gap at GS
15/05/10	78780	16:27:25 - 16:39:50	gap at CM
15/05/10	78781	18:37:10 - 18:49:46	gap at MM
15/05/10	78781	17:59:24 - 18:08:44	gap at GS
15/05/10	78781	19:00:16 - 19:06:30	gap at JO
15/05/10	78782	20:16:28 - 20:29:12	gap at MM
15/05/10	78782	19:19:03 - 19:27:39	gap at MA
15/05/10	78782	20:35:44 - 20:50:43	gap at JO
15/05/10	78783	21:51:29 - 22:00:32	gap at HO
15/05/10	78783	21:56:19 - 22:08:54	gap at MM
15/05/10	78783	20:54:15 - 21:07:57	gap at MA
15/05/10	78783	22:16:33 - 22:27:23	gap at JO
15/05/10	78784	23:26:55 - 23:41:11	gap at HO
15/05/10	78784	23:37:04 - 23:48:51	gap at MM
15/05/10	78784	22:39:11 - 22:45:05	gap at MA
15/05/10	78775	07:51:01 - 07:52:26	gap at KS
15/05/10	78776	09:30:36 - 09:32:05	gap at KS
15/05/10	78777	11:10:11 - 11:11:40	gap at KS
15/05/10	78778	12:49:27 - 12:50:54	gap at KS
15/05/10	78779	14:28:14 - 14:29:47	gap at KS
15/05/10	78780	16:05:58 - 16:07:30	gap at KS
15/05/10	78781	17:43:53 - 17:45:29	gap at KS

15/05/10	78782	19:22:19 - 19:23:25	gap at KS
15/05/10	78784	22:45:00 - 22:46:02	gap at KS
15/05/10	78773	04:10:51 - 04:11:52	gap at GS
15/05/10	78777	11:23:09 - 11:24:46	gap at MS
15/05/10	78778	13:03:45 - 13:05:24	gap at MS
15/05/10	78784	22:32:45 - 22:33:45	gap at MS
15/05/10	78772	02:26:35 - 02:27:53	gap at MI
15/05/10	78773	04:04:52 - 04:06:57	gap at MI
15/05/10	78779	14:46:51 - 14:48:08	gap at MI
15/05/10	78780	16:24:45 - 16:26:07	gap at MI
15/05/10	78772	02:56:02 - 02:57:37	gap at BE
15/05/10	78773	04:36:28 - 04:38:03	gap at BE
15/05/10	78772	03:07:12 - 03:08:49	gap at SG
15/05/10	78772	03:13:59 - 03:20:50	gap at SG
15/05/10	78779	15:41:52 - 15:43:34	gap at SG
16/05/10	78785	01:06:59 - 01:20:11	gap at HO
16/05/10	78785	01:18:53 - 01:29:01	gap at MM
16/05/10	78786	03:01:40 - 03:09:30	gap at MM
16/05/10	78786	03:32:40 - 03:44:24	gap at CM
16/05/10	78787	04:44:42 - 04:50:39	gap at MM
16/05/10	78787	05:13:22 - 05:22:18	gap at CM
16/05/10	78788	06:26:43 - 06:33:06	gap at MM
16/05/10	78789	08:07:34 - 08:16:11	gap at MM
16/05/10	78789	07:44:45 - 07:59:20	gap at JO
16/05/10	78790	09:47:55 - 09:58:41	gap at MM
16/05/10	78790	09:07:51 - 09:20:22	gap at MA
16/05/10	78790	09:25:13 - 09:37:43	gap at JO
16/05/10	78791	11:28:01 - 11:40:09	gap at MM
16/05/10	78791	10:47:02 - 10:58:23	gap at MA
16/05/10	78792	13:07:53 - 13:20:34	gap at MM
16/05/10	78793	14:57:09 - 15:06:27	gap at HO
16/05/10	78793	14:47:31 - 15:00:12	gap at MM
16/05/10	78793	14:09:41 - 14:18:45	gap at GS
16/05/10	78793	15:10:43 - 15:24:27	gap at SG
16/05/10	78794	15:22:20 - 15:33:23	gap at BE
16/05/10	78794	16:26:52 - 16:39:25	gap at MM
16/05/10	78794	15:47:32 - 16:01:27	gap at GS
16/05/10	78794	16:52:40 - 17:00:40	gap at SG
16/05/10	78794	15:56:31 - 16:08:20	gap at CM
16/05/10	78795	18:06:01 - 18:18:34	gap at MM
16/05/10	78795	17:27:34 - 17:39:04	gap at GS
16/05/10	78795	17:36:57 - 17:45:51	gap at CM
16/05/10	78796	19:45:13 - 19:57:55	gap at MM
16/05/10	78796	18:50:20 - 18:54:34	gap at MA
16/05/10	78796	20:04:51 - 20:19:04	gap at JO
16/05/10	78797	21:24:51 - 21:37:32	gap at MM
16/05/10	78797	20:23:10 - 20:36:57	gap at MA
16/05/10	78797	21:44:23 - 21:57:46	gap at JO

16/05/10	78798	22:56:27 - 23:09:45	gap at HO
16/05/10	78798	22:05:21 - 22:15:25	gap at MA
16/05/10	78790	08:59:17 - 09:00:45	gap at KS
16/05/10	78791	10:38:54 - 10:40:24	gap at KS
16/05/10	78792	12:18:18 - 12:19:47	gap at KS
16/05/10	78793	13:57:12 - 13:58:45	gap at KS
16/05/10	78794	15:35:15 - 15:36:56	gap at KS
16/05/10	78795	17:13:03 - 17:14:37	gap at KS
16/05/10	78796	18:51:11 - 18:52:32	gap at KS
16/05/10	78798	22:12:30 - 22:13:35	gap at KS
16/05/10	78785	00:12:59 - 00:14:10	gap at MS
16/05/10	78791	10:52:20 - 10:53:54	gap at MS
16/05/10	78792	12:31:36 - 12:33:15	gap at MS
16/05/10	78798	22:02:36 - 22:03:41	gap at MS
16/05/10	78799	23:40:45 - 23:41:59	gap at MS
16/05/10	78786	01:57:32 - 01:58:45	gap at MI
16/05/10	78787	03:33:16 - 03:35:23	gap at MI
16/05/10	78794	15:53:25 - 15:54:49	gap at MI
16/05/10	78795	17:34:59 - 17:36:13	gap at MI
16/05/10	78786	02:24:58 - 02:26:36	gap at BE
16/05/10	78787	04:04:36 - 04:06:10	gap at BE
16/05/10	78786	02:36:50 - 02:38:05	gap at SG
16/05/10	78787	04:15:48 - 04:16:58	gap at SG
17/05/10	78799	00:34:57 - 00:49:22	gap at HO
17/05/10	78800	01:54:15 - 02:05:40	gap at BE
17/05/10	78801	03:33:02 - 03:46:05	gap at BE
17/05/10	78801	03:02:46 - 03:12:16	gap at CM
17/05/10	78801	04:40:45 - 04:52:20	gap at CM
17/05/10	78802	05:54:49 - 06:00:46	gap at MM
17/05/10	78803	07:35:57 - 07:43:49	gap at MM
17/05/10	78803	07:14:27 - 07:27:36	gap at JO
17/05/10	78804	08:36:49 - 08:49:02	gap at MA
17/05/10	78804	08:52:56 - 09:07:17	gap at JO
17/05/10	78805	10:15:42 - 10:28:11	gap at MA
17/05/10	78807	14:25:15 - 14:37:34	gap at HO
17/05/10	78807	14:40:14 - 14:52:39	gap at SG
17/05/10	78808	14:50:02 - 15:02:44	gap at BE
17/05/10	78808	15:16:26 - 15:29:50	gap at GS
17/05/10	78808	15:26:21 - 15:35:56	gap at CM
17/05/10	78809	17:34:52 - 17:47:23	gap at MM
17/05/10	78809	16:55:57 - 17:08:52	gap at GS
17/05/10	78809	17:04:40 - 17:16:08	gap at CM
17/05/10	78810	19:14:01 - 19:26:40	gap at MM
17/05/10	78810	19:34:30 - 19:46:40	gap at JO
17/05/10	78811	20:53:28 - 21:06:12	gap at MM
17/05/10	78811	19:52:34 - 20:05:33	gap at MA
17/05/10	78811	21:12:43 - 21:27:24	gap at JO
17/05/10	78812	22:26:09 - 22:38:14	gap at HO

17/05/10	78812	22:33:37 - 22:46:00	gap at MM
17/05/10	78812	21:31:52 - 21:44:50	gap at MA
17/05/10	78804	08:27:59 - 08:29:26	gap at KS
17/05/10	78805	10:07:37 - 10:09:06	gap at KS
17/05/10	78806	11:47:06 - 11:48:37	gap at KS
17/05/10	78807	13:26:10 - 13:27:39	gap at KS
17/05/10	78808	15:04:40 - 15:06:21	gap at KS
17/05/10	78809	16:42:16 - 16:43:50	gap at KS
17/05/10	78810	18:20:12 - 18:21:46	gap at KS
17/05/10	78811	19:59:19 - 20:00:28	gap at KS
17/05/10	78812	21:40:17 - 21:41:22	gap at KS
17/05/10	78805	10:22:09 - 10:23:45	gap at MS
17/05/10	78806	12:00:02 - 12:01:37	gap at MS
17/05/10	78813	23:09:13 - 23:10:29	gap at MS
17/05/10	78801	03:02:18 - 03:03:35	gap at MI
17/05/10	78802	04:43:19 - 04:44:37	gap at MI
17/05/10	78808	15:22:32 - 15:23:51	gap at MI
17/05/10	78809	17:02:20 - 17:03:40	gap at MI
17/05/10	78799	00:46:46 - 00:48:22	gap at MM
17/05/10	78800	02:29:17 - 02:30:41	gap at MM
17/05/10	78804	09:16:25 - 09:18:03	gap at MM
17/05/10	78805	10:56:35 - 10:58:15	gap at MM
17/05/10	78806	12:36:32 - 12:38:14	gap at MM
17/05/10	78807	14:16:14 - 14:17:57	gap at MM
17/05/10	78808	15:55:40 - 15:57:25	gap at MM
17/05/10	78801	03:43:59 - 03:47:11	gap at SG
17/05/10	78807	14:40:14 - 14:43:29	gap at SG
17/05/10	78808	16:19:34 - 16:21:14	gap at SG
18/05/10	78813	00:03:36 - 00:18:10	gap at HO
18/05/10	78813	00:14:45 - 00:26:02	gap at MM
18/05/10	78814	01:45:47 - 01:56:09	gap at HO
18/05/10	78814	01:56:58 - 02:06:18	gap at MM
18/05/10	78815	03:39:58 - 03:46:57	gap at MM
18/05/10	78815	02:34:54 - 02:38:21	gap at CM
18/05/10	78815	04:09:07 - 04:21:32	gap at CM
18/05/10	78816	04:10:42 - 04:23:06	gap at MI
18/05/10	78817	06:44:57 - 06:55:21	gap at JO
18/05/10	78818	08:06:33 - 08:16:14	gap at MA
18/05/10	78818	08:21:20 - 08:36:21	gap at JO
18/05/10	78819	10:05:02 - 10:12:16	gap at JO
18/05/10	78821	14:10:46 - 14:19:55	gap at SG
18/05/10	78822	14:18:21 - 14:31:44	gap at BE
18/05/10	78822	15:24:27 - 15:37:05	gap at MM
18/05/10	78822	14:45:34 - 14:56:23	gap at GS
18/05/10	78822	14:58:35 - 15:01:02	gap at CM
18/05/10	78823	16:02:00 - 16:08:31	gap at BE
18/05/10	78823	17:03:42 - 17:16:14	gap at MM
18/05/10	78823	16:24:31 - 16:38:13	gap at GS

18/05/10	78823	16:33:06 - 16:45:30	gap at CM
18/05/10	78824	18:05:14 - 18:14:04	gap at GS
18/05/10	78824	19:05:16 - 19:12:58	gap at JO
18/05/10	78825	19:24:22 - 19:33:29	gap at MA
18/05/10	78825	20:41:24 - 20:56:25	gap at JO
18/05/10	78826	21:56:39 - 22:06:24	gap at HO
18/05/10	78826	21:00:04 - 21:13:37	gap at MA
18/05/10	78826	22:22:29 - 22:32:38	gap at JO
18/05/10	78827	23:32:31 - 23:46:53	gap at HO
18/05/10	78827	22:45:40 - 22:50:13	gap at MA
18/05/10	78818	07:56:42 - 07:58:08	gap at KS
18/05/10	78819	09:36:18 - 09:37:48	gap at KS
18/05/10	78820	11:15:52 - 11:17:23	gap at KS
18/05/10	78821	12:55:06 - 12:56:35	gap at KS
18/05/10	78822	14:33:51 - 14:35:25	gap at KS
18/05/10	78823	16:11:32 - 16:13:06	gap at KS
18/05/10	78824	17:49:27 - 17:51:09	gap at KS
18/05/10	78825	19:28:00 - 19:29:08	gap at KS
18/05/10	78826	21:08:19 - 21:09:22	gap at KS
18/05/10	78816	04:16:47 - 04:17:47	gap at GS
18/05/10	78820	11:28:48 - 11:30:27	gap at MS
18/05/10	78821	13:09:38 - 13:11:11	gap at MS
18/05/10	78827	22:38:18 - 22:39:21	gap at MS
18/05/10	78819	09:44:21 - 09:45:25	gap at MA
18/05/10	78815	02:32:00 - 02:33:19	gap at MI
18/05/10	78822	14:52:15 - 14:53:36	gap at MI
18/05/10	78823	16:30:29 - 16:31:55	gap at MI
18/05/10	78816	05:22:46 - 05:23:55	gap at MM
18/05/10	78817	07:04:16 - 07:05:44	gap at MM
18/05/10	78818	08:44:53 - 08:46:46	gap at MM
18/05/10	78819	10:25:08 - 10:27:15	gap at MM
18/05/10	78820	12:05:08 - 12:07:18	gap at MM
18/05/10	78821	13:44:55 - 13:46:58	gap at MM
18/05/10	78824	18:42:50 - 18:45:45	gap at MM
18/05/10	78825	20:22:09 - 20:24:53	gap at MM
18/05/10	78826	22:02:03 - 22:04:43	gap at MM
18/05/10	78827	23:42:51 - 23:45:11	gap at MM
18/05/10	78815	03:01:42 - 03:03:20	gap at BE
18/05/10	78816	04:42:19 - 04:43:56	gap at BE
18/05/10	78815	03:12:48 - 03:24:18	gap at SG
18/05/10	78822	15:47:36 - 15:49:17	gap at SG
19/05/10	78828	01:12:47 - 01:25:45	gap at HO
19/05/10	78828	01:24:44 - 01:34:45	gap at MM
19/05/10	78829	03:07:33 - 03:15:15	gap at MM
19/05/10	78829	03:38:13 - 03:50:10	gap at CM
19/05/10	78830	03:38:58 - 03:52:17	gap at MI
19/05/10	78831	06:32:30 - 06:38:59	gap at MM
19/05/10	78831	05:19:28 - 05:27:36	gap at CM

19/05/10	78832	08:13:19 - 08:22:04	gap at MM
19/05/10	78832	07:50:19 - 08:05:03	gap at JO
19/05/10	78833	09:53:39 - 10:04:31	gap at MM
19/05/10	78833	09:31:11 - 09:43:10	gap at JO
19/05/10	78834	11:33:44 - 11:45:55	gap at MM
19/05/10	78835	13:13:35 - 13:26:17	gap at MM
19/05/10	78836	15:03:00 - 15:11:56	gap at HO
19/05/10	78836	14:53:12 - 15:05:53	gap at MM
19/05/10	78836	14:15:08 - 14:24:51	gap at GS
19/05/10	78836	15:16:20 - 15:30:09	gap at SG
19/05/10	78837	15:28:18 - 15:38:54	gap at BE
19/05/10	78837	16:32:32 - 16:45:04	gap at MM
19/05/10	78837	15:53:13 - 16:07:08	gap at GS
19/05/10	78837	16:58:57 - 17:05:41	gap at SG
19/05/10	78837	16:02:05 - 16:14:07	gap at CM
19/05/10	78838	18:11:41 - 18:24:14	gap at MM
19/05/10	78838	17:33:20 - 17:44:31	gap at GS
19/05/10	78838	17:42:57 - 17:51:05	gap at CM
19/05/10	78839	18:55:53 - 19:00:17	gap at MA
19/05/10	78839	20:10:26 - 20:24:52	gap at JO
19/05/10	78840	21:50:11 - 22:03:13	gap at JO
19/05/10	78841	23:01:58 - 23:15:29	gap at HO
19/05/10	78841	22:11:22 - 22:20:55	gap at MA
19/05/10	78832	07:25:27 - 07:26:29	gap at KS
19/05/10	78833	09:04:59 - 09:06:28	gap at KS
19/05/10	78834	10:44:36 - 10:46:07	gap at KS
19/05/10	78835	12:23:58 - 12:25:29	gap at KS
19/05/10	78836	14:02:51 - 14:04:25	gap at KS
19/05/10	78837	15:40:50 - 15:42:29	gap at KS
19/05/10	78838	17:18:41 - 17:20:16	gap at KS
19/05/10	78839	18:56:50 - 18:58:07	gap at KS
19/05/10	78840	20:36:35 - 20:37:35	gap at KS
19/05/10	78841	22:18:24 - 22:19:25	gap at KS
19/05/10	78830	03:44:27 - 03:45:29	gap at GS
19/05/10	78828	00:18:57 - 00:20:09	gap at MS
19/05/10	78834	10:57:45 - 10:59:22	gap at MS
19/05/10	78835	12:37:22 - 12:38:51	gap at MS
19/05/10	78841	22:08:02 - 22:09:08	gap at MS
19/05/10	78842	23:46:33 - 23:47:50	gap at MS
19/05/10	78840	20:28:47 - 20:31:17	gap at MA
19/05/10	78829	02:02:41 - 02:03:55	gap at MI
19/05/10	78836	14:23:33 - 14:24:39	gap at MI
19/05/10	78837	15:59:05 - 16:00:32	gap at MI
19/05/10	78838	17:41:07 - 17:42:20	gap at MI
19/05/10	78830	04:50:34 - 04:52:17	gap at MM
19/05/10	78839	19:50:54 - 19:54:02	gap at MM
19/05/10	78840	21:30:34 - 21:33:41	gap at MM
19/05/10	78841	23:11:04 - 23:13:36	gap at MM

19/05/10	78829	02:30:36 - 02:32:15	gap at BE
19/05/10	78830	04:10:23 - 04:11:56	gap at BE
19/05/10	78829	02:42:17 - 02:43:54	gap at SG
19/05/10	78830	04:21:40 - 04:22:48	gap at SG
19/05/10	78837	16:58:57 - 17:00:49	gap at SG
20/05/10	78842	00:40:48 - 00:54:59	gap at HO
20/05/10	78842	00:52:36 - 01:03:14	gap at MM
20/05/10	78844	03:08:07 - 03:18:10	gap at CM
20/05/10	78844	04:46:36 - 04:57:51	gap at CM
20/05/10	78846	07:19:54 - 07:33:24	gap at JO
20/05/10	78847	08:58:44 - 09:12:51	gap at JO
20/05/10	78849	12:42:14 - 12:54:50	gap at MM
20/05/10	78850	14:31:02 - 14:42:51	gap at HO
20/05/10	78850	14:21:55 - 14:34:38	gap at MM
20/05/10	78850	13:31:48 - 13:44:01	gap at KS
20/05/10	78850	14:45:43 - 14:58:30	gap at SG
20/05/10	78851	14:55:51 - 15:08:21	gap at BE
20/05/10	78851	15:22:04 - 15:35:37	gap at GS
20/05/10	78851	16:25:28 - 16:36:57	gap at SG
20/05/10	78851	15:31:46 - 15:41:55	gap at CM
20/05/10	78852	17:01:41 - 17:14:24	gap at GS
20/05/10	78852	17:10:28 - 17:21:37	gap at CM
20/05/10	78853	19:19:41 - 19:32:20	gap at MM
20/05/10	78853	19:39:58 - 19:52:38	gap at JO
20/05/10	78854	20:05:02 - 20:18:59	gap at KS
20/05/10	78854	21:18:27 - 21:32:58	gap at JO
20/05/10	78855	22:31:35 - 22:43:58	gap at HO
20/05/10	78855	21:37:41 - 21:50:26	gap at MA
20/05/10	78847	08:33:40 - 08:35:09	gap at KS
20/05/10	78848	10:13:18 - 10:14:49	gap at KS
20/05/10	78849	11:52:47 - 11:54:23	gap at KS
20/05/10	78851	15:10:13 - 15:21:03	gap at KS
20/05/10	78852	16:47:50 - 16:49:31	gap at KS
20/05/10	78853	18:25:49 - 18:27:23	gap at KS
20/05/10	78855	21:46:08 - 21:47:12	gap at KS
20/05/10	78843	01:34:36 - 01:35:41	gap at GS
20/05/10	78842	23:46:33 - 23:47:50	gap at MS
20/05/10	78848	10:27:38 - 10:29:18	gap at MS
20/05/10	78849	12:05:46 - 12:07:17	gap at MS
20/05/10	78856	23:14:55 - 23:16:11	gap at MS
20/05/10	78854	19:58:05 - 19:59:41	gap at MA
20/05/10	78844	03:07:53 - 03:09:13	gap at MI
20/05/10	78845	04:49:23 - 04:50:42	gap at MI
20/05/10	78851	15:28:07 - 15:29:31	gap at MI
20/05/10	78852	17:08:12 - 17:09:34	gap at MI
20/05/10	78843	02:35:10 - 02:37:39	gap at MM
20/05/10	78844	04:18:15 - 04:20:26	gap at MM
20/05/10	78845	06:00:37 - 06:02:46	gap at MM

20/05/10	78846	07:41:42 - 07:44:10	gap at MM
20/05/10	78847	09:22:09 - 09:24:56	gap at MM
20/05/10	78848	11:02:18 - 11:05:07	gap at MM
20/05/10	78851	16:01:20 - 16:04:28	gap at MM
20/05/10	78852	17:40:31 - 17:44:21	gap at MM
20/05/10	78854	20:59:10 - 21:02:28	gap at MM
20/05/10	78855	22:39:22 - 22:42:26	gap at MM
20/05/10	78843	01:59:48 - 02:01:32	gap at BE
20/05/10	78844	03:38:46 - 03:40:30	gap at BE
20/05/10	78844	03:49:43 - 03:51:06	gap at SG
21/05/10	78856	00:09:13 - 00:23:50	gap at HO
21/05/10	78857	01:52:05 - 02:01:33	gap at HO
21/05/10	78858	03:45:52 - 03:52:43	gap at MM
21/05/10	78858	02:39:34 - 02:44:54	gap at CM
21/05/10	78858	04:14:49 - 04:27:11	gap at CM
21/05/10	78860	06:50:14 - 07:01:17	gap at JO
21/05/10	78861	08:50:37 - 09:00:14	gap at MM
21/05/10	78861	08:11:57 - 08:22:16	gap at MA
21/05/10	78861	08:27:02 - 08:42:00	gap at JO
21/05/10	78863	11:31:18 - 11:39:02	gap at MA
21/05/10	78864	14:16:00 - 14:25:59	gap at SG
21/05/10	78865	14:24:04 - 14:37:23	gap at BE
21/05/10	78865	15:30:07 - 15:42:45	gap at MM
21/05/10	78865	14:51:10 - 15:03:36	gap at GS
21/05/10	78865	15:03:02 - 15:08:00	gap at CM
21/05/10	78866	17:09:22 - 17:21:54	gap at MM
21/05/10	78866	16:36:14 - 16:48:52	gap at MI
21/05/10	78866	16:17:09 - 16:29:15	gap at KS
21/05/10	78866	16:30:13 - 16:43:49	gap at GS
21/05/10	78866	16:38:48 - 16:51:07	gap at CM
21/05/10	78867	18:11:04 - 18:19:22	gap at GS
21/05/10	78867	19:10:25 - 19:19:16	gap at JO
21/05/10	78868	19:27:53 - 19:39:19	gap at MA
21/05/10	78868	20:47:04 - 21:02:05	gap at JO
21/05/10	78869	22:01:54 - 22:12:13	gap at HO
21/05/10	78869	22:07:47 - 22:20:19	gap at MM
21/05/10	78869	21:05:56 - 21:19:16	gap at MA
21/05/10	78869	22:28:28 - 22:37:51	gap at JO
21/05/10	78870	23:38:11 - 23:52:34	gap at HO
21/05/10	78861	08:02:23 - 08:03:52	gap at KS
21/05/10	78862	09:42:00 - 09:43:30	gap at KS
21/05/10	78863	11:21:33 - 11:23:08	gap at KS
21/05/10	78864	13:00:45 - 13:02:16	gap at KS
21/05/10	78865	14:39:28 - 14:41:03	gap at KS
21/05/10	78867	17:55:00 - 18:03:30	gap at KS
21/05/10	78868	19:33:41 - 19:34:47	gap at KS
21/05/10	78869	21:14:07 - 21:15:08	gap at KS
21/05/10	78859	04:22:44 - 04:31:29	gap at GS

21/05/10	78863	11:34:30 - 11:36:11	gap at MS
21/05/10	78864	13:15:33 - 13:17:07	gap at MS
21/05/10	78870	22:43:53 - 22:45:00	gap at MS
21/05/10	78858	02:37:27 - 02:38:50	gap at MI
21/05/10	78859	04:16:33 - 04:17:58	gap at MI
21/05/10	78865	14:57:42 - 14:59:03	gap at MI
21/05/10	78856	00:20:34 - 00:23:41	gap at MM
21/05/10	78857	02:02:50 - 02:05:54	gap at MM
21/05/10	78859	05:28:36 - 05:31:09	gap at MM
21/05/10	78860	07:10:02 - 07:12:50	gap at MM
21/05/10	78862	10:30:51 - 10:34:06	gap at MM
21/05/10	78863	12:10:51 - 12:14:10	gap at MM
21/05/10	78864	13:50:37 - 13:53:58	gap at MM
21/05/10	78867	18:48:30 - 18:52:49	gap at MM
21/05/10	78868	20:27:50 - 20:31:53	gap at MM
21/05/10	78870	23:48:39 - 23:52:17	gap at MM
21/05/10	78858	03:07:23 - 03:09:00	gap at BE
21/05/10	78859	04:48:11 - 04:49:47	gap at BE
21/05/10	78858	03:18:25 - 03:22:42	gap at SG
21/05/10	78864	14:16:00 - 14:17:18	gap at SG
22/05/10	78871	01:18:39 - 01:31:19	gap at HO
22/05/10	78871	00:35:33 - 00:42:46	gap at GS
22/05/10	78872	03:13:27 - 03:21:01	gap at MM
22/05/10	78872	03:43:47 - 03:55:54	gap at CM
22/05/10	78873	03:50:17 - 04:03:09	gap at GS
22/05/10	78874	06:38:17 - 06:44:53	gap at MM
22/05/10	78874	05:52:41 - 05:56:43	gap at KS
22/05/10	78874	05:25:39 - 05:32:48	gap at CM
22/05/10	78874	06:22:01 - 06:28:01	gap at JO
22/05/10	78875	08:19:03 - 08:27:57	gap at MM
22/05/10	78875	07:55:55 - 08:10:46	gap at JO
22/05/10	78876	09:59:22 - 10:10:21	gap at MM
22/05/10	78876	09:19:00 - 09:32:20	gap at MA
22/05/10	78876	09:37:12 - 09:48:35	gap at JO
22/05/10	78877	11:39:27 - 11:51:41	gap at MM
22/05/10	78879	15:08:50 - 15:17:23	gap at HO
22/05/10	78879	14:58:53 - 15:11:33	gap at MM
22/05/10	78879	14:20:37 - 14:30:54	gap at GS
22/05/10	78879	15:21:58 - 15:35:51	gap at SG
22/05/10	78880	15:34:18 - 15:44:23	gap at BE
22/05/10	78880	16:38:12 - 16:50:44	gap at MM
22/05/10	78880	15:58:53 - 16:12:49	gap at GS
22/05/10	78880	16:07:41 - 16:19:53	gap at CM
22/05/10	78881	18:17:20 - 18:29:54	gap at MM
22/05/10	78881	17:47:23 - 17:52:32	gap at MI
22/05/10	78881	17:39:06 - 17:49:56	gap at GS
22/05/10	78881	17:49:02 - 17:56:15	gap at CM
22/05/10	78882	19:56:34 - 20:09:17	gap at MM

22/05/10	78882	19:00:51 - 19:05:59	gap at MA
22/05/10	78882	20:16:02 - 20:30:39	gap at JO
22/05/10	78883	20:34:25 - 20:48:06	gap at MA
22/05/10	78883	21:56:01 - 22:08:39	gap at JO
22/05/10	78884	23:07:28 - 23:21:12	gap at HO
22/05/10	78875	07:31:07 - 07:32:10	gap at KS
22/05/10	78876	09:10:41 - 09:12:10	gap at KS
22/05/10	78877	10:50:17 - 10:51:49	gap at KS
22/05/10	78878	12:29:38 - 12:31:09	gap at KS
22/05/10	78879	14:08:31 - 14:10:07	gap at KS
22/05/10	78880	15:46:25 - 15:48:00	gap at KS
22/05/10	78881	17:24:18 - 17:25:53	gap at KS
22/05/10	78882	19:02:30 - 19:03:45	gap at KS
22/05/10	78883	20:42:20 - 20:43:21	gap at KS
22/05/10	78884	22:24:17 - 22:25:19	gap at KS
22/05/10	78871	00:24:58 - 00:26:17	gap at MS
22/05/10	78877	11:03:28 - 11:05:03	gap at MS
22/05/10	78878	12:43:10 - 12:44:47	gap at MS
22/05/10	78885	23:52:23 - 23:53:39	gap at MS
22/05/10	78872	02:07:55 - 02:09:13	gap at MI
22/05/10	78873	03:44:41 - 03:46:05	gap at MI
22/05/10	78879	14:28:29 - 14:29:42	gap at MI
22/05/10	78880	16:04:46 - 16:06:12	gap at MI
22/05/10	78870	23:48:39 - 23:52:17	gap at MM
22/05/10	78871	01:30:35 - 01:34:04	gap at MM
22/05/10	78873	04:56:26 - 04:59:26	gap at MM
22/05/10	78878	13:19:17 - 13:23:07	gap at MM
22/05/10	78883	21:36:17 - 21:41:08	gap at MM
22/05/10	78884	23:16:50 - 23:21:03	gap at MM
22/05/10	78872	02:36:14 - 02:37:55	gap at BE
22/05/10	78873	04:16:09 - 04:17:45	gap at BE
22/05/10	78872	02:47:47 - 02:56:36	gap at SG
22/05/10	78873	04:27:34 - 04:35:45	gap at SG
23/05/10	78885	00:46:36 - 01:00:36	gap at HO
23/05/10	78885	00:09:39 - 00:14:06	gap at KS
23/05/10	78887	03:13:31 - 03:24:03	gap at CM
23/05/10	78887	04:52:28 - 05:03:21	gap at CM
23/05/10	78888	06:06:26 - 06:12:31	gap at MM
23/05/10	78889	07:47:27 - 07:55:35	gap at MM
23/05/10	78889	07:25:23 - 07:39:11	gap at JO
23/05/10	78890	09:04:35 - 09:18:25	gap at JO
23/05/10	78891	11:18:38 - 11:28:55	gap at HO
23/05/10	78891	11:08:01 - 11:19:57	gap at MM
23/05/10	78892	12:56:33 - 13:11:22	gap at HO
23/05/10	78893	14:36:49 - 14:48:20	gap at HO
23/05/10	78893	14:51:13 - 15:04:18	gap at SG
23/05/10	78894	15:01:41 - 15:13:56	gap at BE
23/05/10	78894	15:27:43 - 15:41:23	gap at GS

23/05/10	78894	15:37:12 - 15:47:51	gap at CM
23/05/10	78895	17:07:26 - 17:19:54	gap at GS
23/05/10	78895	17:16:18 - 17:27:04	gap at CM
23/05/10	78896	19:45:27 - 19:58:33	gap at JO
23/05/10	78897	21:24:11 - 21:38:31	gap at JO
23/05/10	78898	22:37:02 - 22:49:42	gap at HO
23/05/10	78898	22:45:08 - 22:57:25	gap at MM
23/05/10	78898	21:43:49 - 21:56:01	gap at MA
23/05/10	78892	11:58:27 - 12:00:03	gap at KS
23/05/10	78893	13:37:27 - 13:38:59	gap at KS
23/05/10	78894	15:15:45 - 15:17:39	gap at KS
23/05/10	78895	16:53:24 - 16:55:05	gap at KS
23/05/10	78896	18:31:27 - 18:33:01	gap at KS
23/05/10	78897	20:10:45 - 20:11:52	gap at KS
23/05/10	78898	21:51:58 - 21:53:00	gap at KS
23/05/10	78890	08:39:22 - 08:40:51	gap at KS
23/05/10	78891	10:19:00 - 10:20:31	gap at KS
23/05/10	78887	03:18:25 - 03:19:34	gap at GS
23/05/10	78885	23:52:23 - 23:53:39	gap at MS
23/05/10	78891	10:33:07 - 10:34:44	gap at MS
23/05/10	78892	12:11:30 - 12:13:12	gap at MS
23/05/10	78899	23:20:37 - 23:21:55	gap at MS
23/05/10	78897	20:03:38 - 20:05:15	gap at MA
23/05/10	78887	03:13:29 - 03:14:54	gap at MI
23/05/10	78888	04:55:32 - 04:56:51	gap at MI
23/05/10	78894	15:33:42 - 15:35:06	gap at MI
23/05/10	78895	17:14:05 - 17:15:27	gap at MI
23/05/10	78885	00:58:26 - 01:02:33	gap at MM
23/05/10	78886	02:41:03 - 02:44:58	gap at MM
23/05/10	78887	04:24:08 - 04:27:44	gap at MM
23/05/10	78890	09:27:52 - 09:32:06	gap at MM
23/05/10	78892	12:47:56 - 12:52:21	gap at MM
23/05/10	78893	14:27:37 - 14:32:04	gap at MM
23/05/10	78894	16:07:01 - 16:11:49	gap at MM
23/05/10	78895	17:46:11 - 17:51:32	gap at MM
23/05/10	78896	19:25:21 - 19:30:27	gap at MM
23/05/10	78897	21:04:52 - 21:09:45	gap at MM
23/05/10	78886	02:05:22 - 02:07:08	gap at BE
23/05/10	78887	03:44:30 - 03:46:15	gap at BE
23/05/10	78886	02:18:02 - 02:19:07	gap at SG
23/05/10	78886	02:22:28 - 02:28:05	gap at SG
23/05/10	78887	03:55:28 - 03:56:48	gap at SG
23/05/10	78887	04:01:12 - 04:08:51	gap at SG
23/05/10	78893	14:51:13 - 14:54:44	gap at SG
23/05/10	78894	16:31:25 - 16:33:21	gap at SG
24/05/10	78899	00:14:53 - 00:29:31	gap at HO
24/05/10	78900	01:58:12 - 02:06:52	gap at HO
24/05/10	78901	02:44:32 - 02:51:09	gap at CM

24/05/10	78901	04:20:32 - 04:32:48	gap at CM
24/05/10	78902	04:54:04 - 05:02:21	gap at BE
24/05/10	78903	06:55:33 - 07:07:10	gap at JO
24/05/10	78904	08:17:23 - 08:28:16	gap at MA
24/05/10	78904	08:32:45 - 08:47:38	gap at JO
24/05/10	78906	11:37:06 - 11:44:17	gap at MA
24/05/10	78907	13:56:19 - 14:09:03	gap at MM
24/05/10	78908	14:29:49 - 14:43:02	gap at BE
24/05/10	78908	15:35:48 - 15:48:25	gap at MM
24/05/10	78908	14:56:46 - 15:09:28	gap at GS
24/05/10	78908	15:59:08 - 16:12:19	gap at SG
24/05/10	78908	15:07:58 - 15:14:27	gap at CM
24/05/10	78909	17:15:02 - 17:27:33	gap at MM
24/05/10	78909	16:35:56 - 16:49:25	gap at GS
24/05/10	78909	16:44:31 - 16:56:43	gap at CM
24/05/10	78910	18:54:10 - 19:06:47	gap at MM
24/05/10	78910	18:16:57 - 18:24:37	gap at GS
24/05/10	78910	19:15:40 - 19:25:29	gap at JO
24/05/10	78911	20:33:32 - 20:46:16	gap at MM
24/05/10	78911	19:33:20 - 19:45:07	gap at MA
24/05/10	78911	20:52:45 - 21:07:45	gap at JO
24/05/10	78912	22:07:17 - 22:18:02	gap at HO
24/05/10	78912	22:13:31 - 22:26:01	gap at MM
24/05/10	78912	22:34:29 - 22:43:00	gap at JO
24/05/10	78913	23:43:52 - 23:58:16	gap at HO
24/05/10	78913	23:54:26 - 00:06:00	gap at MM
24/05/10	78904	08:08:04 - 08:09:33	gap at KS
24/05/10	78905	09:47:41 - 09:49:12	gap at KS
24/05/10	78906	11:27:14 - 11:28:50	gap at KS
24/05/10	78907	13:06:24 - 13:07:56	gap at KS
24/05/10	78908	14:45:06 - 14:46:41	gap at KS
24/05/10	78909	16:22:46 - 16:24:21	gap at KS
24/05/10	78910	18:00:34 - 18:02:27	gap at KS
24/05/10	78911	19:39:22 - 19:40:34	gap at KS
24/05/10	78912	21:19:55 - 21:21:00	gap at KS
24/05/10	78900	01:10:07 - 01:11:14	gap at GS
24/05/10	78906	11:40:10 - 11:41:49	gap at MS
24/05/10	78907	13:21:33 - 13:23:08	gap at MS
24/05/10	78912	21:11:40 - 21:13:19	gap at MA
24/05/10	78901	02:42:56 - 02:44:19	gap at MI
24/05/10	78902	04:22:26 - 04:23:49	gap at MI
24/05/10	78908	15:03:10 - 15:04:35	gap at MI
24/05/10	78909	16:42:00 - 16:43:25	gap at MI
24/05/10	78901	03:13:04 - 03:14:41	gap at BE
24/05/10	78901	03:24:04 - 03:26:31	gap at SG
24/05/10	78907	14:21:19 - 14:22:34	gap at SG
24/05/10	78907	14:24:38 - 14:31:59	gap at SG
25/05/10	78913	23:54:26 - 00:06:00	gap at MM

25/05/10	78914	01:24:35 - 01:36:51	gap at HO
25/05/10	78914	00:40:47 - 00:48:39	gap at GS
25/05/10	78915	03:49:22 - 04:01:38	gap at CM
25/05/10	78916	05:02:18 - 05:08:07	gap at MM
25/05/10	78917	06:44:04 - 06:50:46	gap at MM
25/05/10	78917	05:58:10 - 06:02:58	gap at KS
25/05/10	78917	05:31:59 - 05:37:52	gap at CM
25/05/10	78917	06:26:56 - 06:34:15	gap at JO
25/05/10	78918	08:01:32 - 08:16:28	gap at JO
25/05/10	78919	09:43:15 - 09:53:58	gap at JO
25/05/10	78920	11:54:36 - 12:07:41	gap at HO
25/05/10	78921	13:33:31 - 13:48:11	gap at HO
25/05/10	78921	13:24:59 - 13:37:42	gap at MM
25/05/10	78922	13:58:29 - 14:11:52	gap at BE
25/05/10	78922	15:14:42 - 15:22:49	gap at HO
25/05/10	78922	15:04:34 - 15:17:14	gap at MM
25/05/10	78922	14:26:08 - 14:36:54	gap at GS
25/05/10	78923	15:40:21 - 15:49:50	gap at BE
25/05/10	78923	16:43:52 - 16:56:24	gap at MM
25/05/10	78923	16:04:34 - 16:18:29	gap at GS
25/05/10	78923	16:13:18 - 16:25:37	gap at CM
25/05/10	78924	18:23:00 - 18:35:35	gap at MM
25/05/10	78924	17:44:53 - 17:55:20	gap at GS
25/05/10	78924	17:55:12 - 18:01:19	gap at CM
25/05/10	78925	19:05:58 - 19:12:57	gap at MA
25/05/10	78925	20:21:39 - 20:36:24	gap at JO
25/05/10	78926	20:40:04 - 20:53:45	gap at MA
25/05/10	78926	22:01:51 - 22:14:02	gap at JO
25/05/10	78927	23:12:57 - 23:26:55	gap at HO
25/05/10	78918	07:36:48 - 07:37:55	gap at KS
25/05/10	78919	09:16:22 - 09:17:54	gap at KS
25/05/10	78920	10:55:58 - 10:57:32	gap at KS
25/05/10	78921	12:35:18 - 12:36:49	gap at KS
25/05/10	78922	14:14:09 - 14:15:45	gap at KS
25/05/10	78923	15:52:00 - 15:53:35	gap at KS
25/05/10	78924	17:29:55 - 17:31:33	gap at KS
25/05/10	78925	19:08:09 - 19:09:21	gap at KS
25/05/10	78926	20:48:06 - 20:49:08	gap at KS
25/05/10	78927	22:30:12 - 22:31:12	gap at KS
25/05/10	78916	03:56:08 - 03:57:16	gap at GS
25/05/10	78920	11:09:05 - 11:10:45	gap at MS
25/05/10	78921	12:49:04 - 12:50:47	gap at MS
25/05/10	78927	22:18:57 - 22:20:04	gap at MS
25/05/10	78928	23:58:14 - 23:59:31	gap at MS
25/05/10	78920	11:04:58 - 11:06:05	gap at MA
25/05/10	78915	02:13:12 - 02:14:30	gap at MI
25/05/10	78916	03:50:25 - 03:52:34	gap at MI
25/05/10	78916	04:00:25 - 04:03:33	gap at MI

25/05/10	78922	14:33:37 - 14:34:53	gap at MI
25/05/10	78923	16:10:27 - 16:11:55	gap at MI
25/05/10	78925	20:02:15 - 20:03:25	gap at MM
25/05/10	78926	21:42:00 - 21:43:48	gap at MM
25/05/10	78915	02:41:53 - 02:43:27	gap at BE
25/05/10	78916	04:21:57 - 04:23:43	gap at BE
25/05/10	78915	02:53:18 - 02:57:51	gap at SG
25/05/10	78916	04:33:31 - 04:34:55	gap at SG
25/05/10	78922	15:27:38 - 15:29:03	gap at SG
26/05/10	78928	00:52:26 - 01:06:12	gap at HO
26/05/10	78928	00:15:56 - 00:19:32	gap at KS
26/05/10	78930	03:18:57 - 03:29:54	gap at CM
26/05/10	78930	04:58:23 - 05:08:49	gap at CM
26/05/10	78931	06:12:14 - 06:18:23	gap at MM
26/05/10	78932	07:53:12 - 08:01:29	gap at MM
26/05/10	78932	07:30:53 - 07:44:57	gap at JO
26/05/10	78933	09:33:36 - 09:44:06	gap at MM
26/05/10	78933	08:54:11 - 09:06:36	gap at MA
26/05/10	78933	09:10:26 - 09:23:57	gap at JO
26/05/10	78934	11:24:03 - 11:35:02	gap at HO
26/05/10	78934	10:32:42 - 10:44:39	gap at MA
26/05/10	78935	13:02:13 - 13:17:02	gap at HO
26/05/10	78936	14:42:36 - 14:53:07	gap at HO
26/05/10	78936	14:33:18 - 14:46:00	gap at MM
26/05/10	78936	13:56:17 - 14:03:15	gap at GS
26/05/10	78936	14:56:46 - 15:10:05	gap at SG
26/05/10	78937	15:07:33 - 15:19:31	gap at BE
26/05/10	78937	15:33:22 - 15:47:08	gap at GS
26/05/10	78938	17:20:00 - 17:29:32	gap at MI
26/05/10	78938	17:13:10 - 17:25:24	gap at GS
26/05/10	78938	17:22:10 - 17:32:29	gap at CM
26/05/10	78939	19:31:02 - 19:43:42	gap at MM
26/05/10	78939	19:50:58 - 20:04:27	gap at JO
26/05/10	78940	21:10:35 - 21:23:17	gap at MM
26/05/10	78940	21:29:56 - 21:44:03	gap at JO
26/05/10	78941	22:42:32 - 22:55:26	gap at HO
26/05/10	78941	22:50:53 - 23:03:08	gap at MM
26/05/10	78932	07:05:36 - 07:06:39	gap at KS
26/05/10	78933	08:45:04 - 08:46:35	gap at KS
26/05/10	78934	10:24:41 - 10:26:15	gap at KS
26/05/10	78935	12:04:08 - 12:05:41	gap at KS
26/05/10	78936	13:43:05 - 13:44:40	gap at KS
26/05/10	78937	15:21:17 - 15:23:12	gap at KS
26/05/10	78938	16:58:59 - 17:00:38	gap at KS
26/05/10	78939	18:37:05 - 18:38:36	gap at KS
26/05/10	78940	20:16:29 - 20:17:33	gap at KS
26/05/10	78941	21:57:50 - 21:58:57	gap at KS
26/05/10	78930	03:24:10 - 03:25:20	gap at GS

26/05/10	78928	23:58:14 - 23:59:31	gap at MS
26/05/10	78934	10:38:37 - 10:40:18	gap at MS
26/05/10	78935	12:17:16 - 12:18:58	gap at MS
26/05/10	78942	23:26:20 - 23:27:48	gap at MS
26/05/10	78940	20:09:12 - 20:10:48	gap at MA
26/05/10	78930	03:19:06 - 03:20:35	gap at MI
26/05/10	78931	05:01:47 - 05:03:04	gap at MI
26/05/10	78937	15:39:19 - 15:40:47	gap at MI
26/05/10	78938	17:51:51 - 17:53:39	gap at MM
26/05/10	78929	02:10:57 - 02:13:24	gap at BE
26/05/10	78930	03:50:14 - 03:51:53	gap at BE
26/05/10	78929	02:23:20 - 02:29:15	gap at SG
26/05/10	78930	04:01:15 - 04:07:08	gap at SG
26/05/10	78936	14:56:46 - 14:59:07	gap at SG
26/05/10	78937	16:37:24 - 16:39:19	gap at SG
26/05/10	78937	15:42:41 - 15:45:30	gap at CM
27/05/10	78942	00:20:34 - 00:35:12	gap at HO
27/05/10	78943	02:04:47 - 02:12:07	gap at HO
27/05/10	78944	03:57:39 - 04:04:17	gap at MM
27/05/10	78944	02:49:38 - 02:57:17	gap at CM
27/05/10	78944	04:26:17 - 04:38:24	gap at CM
27/05/10	78946	07:00:55 - 07:13:02	gap at JO
27/05/10	78947	08:22:51 - 08:34:14	gap at MA
27/05/10	78947	08:38:30 - 08:53:16	gap at JO
27/05/10	78949	11:42:55 - 11:49:28	gap at MA
27/05/10	78950	12:57:21 - 13:08:49	gap at BE
27/05/10	78950	14:26:40 - 14:37:56	gap at SG
27/05/10	78951	14:35:34 - 14:48:41	gap at BE
27/05/10	78951	15:41:29 - 15:54:05	gap at MM
27/05/10	78951	15:02:22 - 15:15:18	gap at GS
27/05/10	78951	16:04:56 - 16:17:51	gap at SG
27/05/10	78951	15:13:06 - 15:20:43	gap at CM
27/05/10	78952	17:20:42 - 17:33:13	gap at MM
27/05/10	78952	16:41:39 - 16:54:59	gap at GS
27/05/10	78952	16:50:15 - 17:02:18	gap at CM
27/05/10	78953	18:59:50 - 19:12:28	gap at MM
27/05/10	78953	18:22:50 - 18:29:51	gap at GS
27/05/10	78953	19:20:59 - 19:31:36	gap at JO
27/05/10	78954	20:39:14 - 20:51:58	gap at MM
27/05/10	78954	19:38:48 - 19:50:55	gap at MA
27/05/10	78954	20:58:26 - 21:13:23	gap at JO
27/05/10	78955	22:12:38 - 22:23:50	gap at HO
27/05/10	78955	22:19:16 - 22:31:43	gap at MM
27/05/10	78955	22:40:35 - 22:48:04	gap at JO
27/05/10	78956	23:49:30 - 00:03:57	gap at HO
27/05/10	78947	08:13:45 - 08:15:18	gap at KS
27/05/10	78948	09:53:23 - 09:54:55	gap at KS
27/05/10	78949	11:32:55 - 11:34:31	gap at KS

27/05/10	78950	13:12:03 - 13:13:35	gap at KS
27/05/10	78951	14:50:43 - 14:52:19	gap at KS
27/05/10	78952	16:28:22 - 16:29:59	gap at KS
27/05/10	78953	18:06:09 - 18:07:58	gap at KS
27/05/10	78954	19:45:04 - 19:46:15	gap at KS
27/05/10	78955	21:25:44 - 21:26:50	gap at KS
27/05/10	78944	02:52:43 - 02:53:57	gap at GS
27/05/10	78948	10:08:38 - 10:10:13	gap at MS
27/05/10	78949	11:45:49 - 11:47:27	gap at MS
27/05/10	78950	13:27:40 - 13:29:05	gap at MS
27/05/10	78955	21:17:25 - 21:19:05	gap at MA
27/05/10	78944	02:48:26 - 02:49:49	gap at MI
27/05/10	78945	04:28:21 - 04:29:47	gap at MI
27/05/10	78951	15:08:40 - 15:10:07	gap at MI
27/05/10	78952	16:47:48 - 16:49:12	gap at MI
27/05/10	78944	03:18:46 - 03:20:24	gap at BE
27/05/10	78944	03:29:44 - 03:31:48	gap at SG
27/05/10	78944	03:37:29 - 03:43:37	gap at SG
28/05/10	78956	23:49:30 - 00:03:57	gap at HO
28/05/10	78957	01:30:34 - 01:42:23	gap at HO
28/05/10	78957	00:46:04 - 00:54:31	gap at GS
28/05/10	78958	02:58:50 - 03:12:12	gap at SG
28/05/10	78958	03:54:59 - 04:07:20	gap at CM
28/05/10	78959	04:27:45 - 04:38:20	gap at BE
28/05/10	78959	05:08:09 - 05:13:56	gap at MM
28/05/10	78959	04:39:30 - 04:49:41	gap at SG
28/05/10	78960	06:49:50 - 06:56:40	gap at MM
28/05/10	78960	06:03:42 - 06:09:09	gap at KS
28/05/10	78960	05:38:35 - 05:42:40	gap at CM
28/05/10	78960	06:31:59 - 06:40:22	gap at JO
28/05/10	78961	08:30:32 - 08:39:42	gap at MM
28/05/10	78961	07:52:55 - 07:59:48	gap at MA
28/05/10	78961	08:07:10 - 08:22:10	gap at JO
28/05/10	78962	09:49:22 - 09:59:18	gap at JO
28/05/10	78963	12:00:13 - 12:13:34	gap at HO
28/05/10	78963	11:50:52 - 12:03:11	gap at MM
28/05/10	78964	13:39:14 - 13:53:43	gap at HO
28/05/10	78964	13:30:41 - 13:43:24	gap at MM
28/05/10	78965	15:20:34 - 15:28:10	gap at HO
28/05/10	78965	14:31:40 - 14:42:40	gap at GS
28/05/10	78965	15:33:19 - 15:47:10	gap at SG
28/05/10	78966	15:46:27 - 15:55:15	gap at BE
28/05/10	78966	16:49:32 - 17:02:04	gap at MM
28/05/10	78966	16:10:16 - 16:24:09	gap at GS
28/05/10	78966	16:18:56 - 16:31:19	gap at CM
28/05/10	78967	18:28:40 - 18:41:15	gap at MM
28/05/10	78967	17:35:30 - 17:48:23	gap at KS
28/05/10	78967	17:50:41 - 18:00:43	gap at GS

28/05/10	78967	18:01:33 - 18:06:10	gap at CM
28/05/10	78968	20:07:56 - 20:20:40	gap at MM
28/05/10	78968	19:11:09 - 19:18:51	gap at MA
28/05/10	78968	20:27:16 - 20:42:09	gap at JO
28/05/10	78969	21:47:44 - 22:00:21	gap at MM
28/05/10	78969	20:45:44 - 20:59:26	gap at MA
28/05/10	78969	22:07:43 - 22:19:24	gap at JO
28/05/10	78970	23:18:30 - 23:32:38	gap at HO
28/05/10	78970	22:29:42 - 22:37:10	gap at MA
28/05/10	78961	07:42:29 - 07:43:36	gap at KS
28/05/10	78962	09:22:04 - 09:23:36	gap at KS
28/05/10	78963	11:01:39 - 11:03:13	gap at KS
28/05/10	78964	12:40:57 - 12:42:30	gap at KS
28/05/10	78965	14:19:47 - 14:21:25	gap at KS
28/05/10	78966	15:57:35 - 15:59:10	gap at KS
28/05/10	78968	19:13:49 - 19:15:00	gap at KS
28/05/10	78969	20:53:52 - 20:54:56	gap at KS
28/05/10	78959	04:02:00 - 04:03:11	gap at GS
28/05/10	78963	11:14:42 - 11:16:21	gap at MS
28/05/10	78964	12:54:54 - 12:56:32	gap at MS
28/05/10	78962	09:30:11 - 09:31:20	gap at MA
28/05/10	78958	02:18:31 - 02:19:56	gap at MI
28/05/10	78959	03:56:11 - 03:58:21	gap at MI
28/05/10	78965	14:38:51 - 14:40:07	gap at MI
28/05/10	78966	16:16:10 - 16:17:36	gap at MI
28/05/10	78958	02:47:32 - 02:49:07	gap at BE
28/05/10	78965	14:04:08 - 14:05:47	gap at BE
28/05/10	78965	14:07:14 - 14:17:33	gap at BE
29/05/10	78971	00:58:16 - 01:11:47	gap at HO
29/05/10	78971	00:22:22 - 00:24:51	gap at KS
29/05/10	78972	02:28:42 - 02:40:03	gap at SG
29/05/10	78973	04:07:03 - 04:19:55	gap at SG
29/05/10	78973	03:24:25 - 03:35:43	gap at CM
29/05/10	78973	05:04:20 - 05:14:15	gap at CM
29/05/10	78974	06:18:02 - 06:24:16	gap at MM
29/05/10	78975	07:58:57 - 08:07:22	gap at MM
29/05/10	78975	07:36:25 - 07:50:43	gap at JO
29/05/10	78976	09:39:20 - 09:49:57	gap at MM
29/05/10	78976	09:16:19 - 09:29:29	gap at JO
29/05/10	78979	14:48:25 - 14:58:21	gap at HO
29/05/10	78979	14:38:59 - 14:51:41	gap at MM
29/05/10	78979	14:01:36 - 14:09:31	gap at GS
29/05/10	78979	15:02:19 - 15:15:51	gap at SG
29/05/10	78980	15:13:27 - 15:25:05	gap at BE
29/05/10	78980	16:18:21 - 16:30:55	gap at MM
29/05/10	78980	15:39:02 - 15:52:52	gap at GS
29/05/10	78980	16:43:27 - 16:52:55	gap at SG
29/05/10	78981	17:57:31 - 18:10:04	gap at MM

29/05/10	78981	17:18:55 - 17:30:53	gap at GS
29/05/10	78982	19:36:42 - 19:49:23	gap at MM
29/05/10	78982	19:56:31 - 20:10:19	gap at JO
29/05/10	78983	21:16:17 - 21:28:59	gap at MM
29/05/10	78983	20:14:47 - 20:28:33	gap at MA
29/05/10	78983	21:35:43 - 21:49:33	gap at JO
29/05/10	78984	22:48:03 - 23:01:09	gap at HO
29/05/10	78984	21:55:51 - 22:07:08	gap at MA
29/05/10	78975	07:11:16 - 07:12:20	gap at KS
29/05/10	78976	08:50:45 - 08:52:17	gap at KS
29/05/10	78977	10:30:22 - 10:31:56	gap at KS
29/05/10	78978	12:09:48 - 12:11:21	gap at KS
29/05/10	78979	13:48:43 - 13:50:21	gap at KS
29/05/10	78980	15:26:52 - 15:28:44	gap at KS
29/05/10	78981	17:04:34 - 17:06:14	gap at KS
29/05/10	78982	18:42:44 - 18:44:14	gap at KS
29/05/10	78983	20:22:13 - 20:23:18	gap at KS
29/05/10	78984	22:03:42 - 22:04:53	gap at KS
29/05/10	78972	01:51:06 - 01:52:11	gap at GS
29/05/10	78973	03:29:57 - 03:31:01	gap at GS
29/05/10	78971	00:04:07 - 00:05:22	gap at MS
29/05/10	78977	10:44:06 - 10:45:44	gap at MS
29/05/10	78978	12:23:00 - 12:24:42	gap at MS
29/05/10	78984	21:54:32 - 21:55:36	gap at MS
29/05/10	78985	23:32:05 - 23:33:29	gap at MS
29/05/10	78977	10:38:24 - 10:39:29	gap at MA
29/05/10	78972	01:50:00 - 01:51:11	gap at MI
29/05/10	78973	03:24:45 - 03:26:19	gap at MI
29/05/10	78974	05:08:10 - 05:09:23	gap at MI
29/05/10	78980	15:44:57 - 15:46:24	gap at MI
29/05/10	78981	17:25:57 - 17:27:20	gap at MI
29/05/10	78972	02:16:33 - 02:18:14	gap at BE
29/05/10	78973	03:55:58 - 03:57:30	gap at BE
30/05/10	78985	00:26:14 - 00:40:52	gap at HO
30/05/10	78986	01:45:58 - 01:56:45	gap at BE
30/05/10	78986	01:20:57 - 01:32:14	gap at GS
30/05/10	78987	03:35:25 - 03:49:16	gap at SG
30/05/10	78987	02:54:50 - 03:03:19	gap at CM
30/05/10	78987	04:32:03 - 04:44:00	gap at CM
30/05/10	78988	05:46:05 - 05:51:58	gap at MM
30/05/10	78989	07:27:19 - 07:34:58	gap at MM
30/05/10	78989	07:06:18 - 07:18:53	gap at JO
30/05/10	78990	09:07:49 - 09:17:48	gap at MM
30/05/10	78990	08:44:15 - 08:58:53	gap at JO
30/05/10	78991	10:48:00 - 10:59:42	gap at MM
30/05/10	78992	12:27:58 - 12:40:31	gap at MM
30/05/10	78992	11:48:56 - 11:54:34	gap at MA
30/05/10	78993	14:16:36 - 14:29:24	gap at HO

30/05/10	78993	14:07:42 - 14:20:25	gap at MM
30/05/10	78993	14:32:04 - 14:43:51	gap at SG
30/05/10	78994	14:41:20 - 14:54:19	gap at BE
30/05/10	78994	15:47:09 - 15:59:45	gap at MM
30/05/10	78994	15:14:12 - 15:26:25	gap at MI
30/05/10	78994	15:07:59 - 15:21:08	gap at GS
30/05/10	78994	16:10:46 - 16:23:21	gap at SG
30/05/10	78994	15:18:21 - 15:26:52	gap at CM
30/05/10	78995	17:26:22 - 17:38:53	gap at MM
30/05/10	78995	16:53:36 - 17:05:21	gap at MI
30/05/10	78995	16:56:00 - 17:07:51	gap at CM
30/05/10	78996	19:05:30 - 19:18:09	gap at MM
30/05/10	78996	19:26:22 - 19:37:40	gap at JO
30/05/10	78997	20:44:55 - 20:57:39	gap at MM
30/05/10	78997	19:44:18 - 19:56:44	gap at MA
30/05/10	78997	21:04:08 - 21:19:00	gap at JO
30/05/10	78998	22:18:01 - 22:29:37	gap at HO
30/05/10	78998	22:25:00 - 22:37:26	gap at MM
30/05/10	78998	22:46:48 - 22:53:00	gap at JO
30/05/10	78999	23:55:08 - 00:09:38	gap at HO
30/05/10	78999	23:14:51 - 23:23:44	gap at KS
30/05/10	78990	08:19:27 - 08:20:58	gap at KS
30/05/10	78991	09:59:04 - 10:00:38	gap at KS
30/05/10	78992	11:38:35 - 11:40:13	gap at KS
30/05/10	78993	13:17:42 - 13:19:15	gap at KS
30/05/10	78994	14:56:18 - 14:57:58	gap at KS
30/05/10	78995	16:33:56 - 16:35:34	gap at KS
30/05/10	78996	18:11:46 - 18:13:33	gap at KS
30/05/10	78997	19:50:46 - 19:51:59	gap at KS
30/05/10	78998	21:31:33 - 21:32:45	gap at KS
30/05/10	78991	10:14:00 - 10:15:38	gap at MS
30/05/10	78992	11:51:27 - 11:53:08	gap at MS
30/05/10	78998	21:23:11 - 21:28:52	gap at MA
30/05/10	78987	02:53:58 - 02:55:28	gap at MI
30/05/10	78988	04:34:18 - 04:35:42	gap at MI
30/05/10	78987	03:24:28 - 03:26:07	gap at BE
31/05/10	78999	23:55:08 - 00:09:38	gap at HO
31/05/10	78999	00:06:03 - 00:17:27	gap at MM
31/05/10	79000	01:36:27 - 01:47:54	gap at HO
31/05/10	79000	01:48:10 - 01:57:41	gap at MM
31/05/10	79001	02:53:12 - 03:06:35	gap at BE
31/05/10	79001	03:31:08 - 03:38:18	gap at MM
31/05/10	79001	03:04:24 - 03:17:57	gap at SG
31/05/10	79001	04:00:37 - 04:13:02	gap at CM
31/05/10	79002	04:33:34 - 04:43:43	gap at BE
31/05/10	79002	05:14:00 - 05:19:47	gap at MM
31/05/10	79002	04:45:33 - 04:54:56	gap at SG
31/05/10	79003	06:55:37 - 07:02:33	gap at MM

31/05/10	79003	06:09:15 - 06:15:17	gap at KS
31/05/10	79003	06:37:08 - 06:46:24	gap at JO
31/05/10	79004	08:36:16 - 08:45:34	gap at MM
31/05/10	79004	07:59:07 - 08:07:05	gap at MA
31/05/10	79004	08:12:49 - 08:27:51	gap at JO
31/05/10	79005	10:16:33 - 10:27:47	gap at MM
31/05/10	79005	09:55:33 - 10:04:34	gap at JO
31/05/10	79006	11:56:35 - 12:08:56	gap at MM
31/05/10	79006	11:16:39 - 11:25:26	gap at MA
31/05/10	79007	13:36:23 - 13:49:06	gap at MM
31/05/10	79007	14:03:05 - 14:10:40	gap at SG
31/05/10	79008	14:09:49 - 14:23:14	gap at BE
31/05/10	79008	15:15:55 - 15:28:34	gap at MM
31/05/10	79008	14:44:10 - 14:53:41	gap at MI
31/05/10	79008	14:37:13 - 14:48:09	gap at GS
31/05/10	79009	15:52:36 - 16:00:37	gap at BE
31/05/10	79009	16:55:12 - 17:07:44	gap at MM
31/05/10	79009	16:21:53 - 16:34:59	gap at MI
31/05/10	79009	16:15:57 - 16:29:47	gap at GS
31/05/10	79009	16:24:35 - 16:37:00	gap at CM
31/05/10	79010	18:34:20 - 18:46:55	gap at MM
31/05/10	79010	17:56:30 - 18:06:04	gap at GS
31/05/10	79010	18:08:27 - 18:10:30	gap at CM
31/05/10	79011	20:13:37 - 20:26:21	gap at MM
31/05/10	79011	19:16:24 - 19:24:43	gap at MA
31/05/10	79011	20:32:55 - 20:47:52	gap at JO
31/05/10	79012	21:48:52 - 21:57:36	gap at HO
31/05/10	79012	21:53:27 - 22:06:03	gap at MM
31/05/10	79012	20:51:24 - 21:05:07	gap at MA
31/05/10	79013	23:24:07 - 23:38:20	gap at HO
31/05/10	79013	23:34:10 - 23:45:59	gap at MM
31/05/10	79013	22:35:59 - 22:42:28	gap at MA
31/05/10	79004	07:48:10 - 07:49:41	gap at KS
31/05/10	79005	09:27:46 - 09:29:18	gap at KS
31/05/10	79006	11:07:20 - 11:08:56	gap at KS
31/05/10	79007	12:46:37 - 12:48:10	gap at KS
31/05/10	79008	14:25:25 - 14:27:03	gap at KS
31/05/10	79009	16:03:10 - 16:04:47	gap at KS
31/05/10	79010	17:41:05 - 17:42:43	gap at KS
31/05/10	79011	19:19:29 - 19:20:39	gap at KS
31/05/10	79013	22:42:02 - 22:43:12	gap at KS
31/05/10	79002	04:07:54 - 04:09:07	gap at GS
31/05/10	79006	11:20:20 - 11:22:02	gap at MS
31/05/10	79007	13:00:48 - 13:02:24	gap at MS
31/05/10	79013	22:29:59 - 22:31:08	gap at MS
31/05/10	79005	09:35:51 - 09:37:01	gap at MA
31/05/10	79001	02:23:53 - 02:25:20	gap at MI
31/05/10	79002	04:01:58 - 04:04:07	gap at MI

31/05/10	79008	15:39:01 - 15:40:44	gap at SG
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Lamp Failures: none

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
20/05/10	18:34:25 (outside gs visibility) Off 18:36:20 On	FPA 1: 279.1 FPA 2: 279.9 FPA 3: 279.5 FPA 4: 279.7
21/05/10	15:22:49 (outside gs visibility) Off 19:45:17 On	FPA 1: 279.2 FPA 2: 280.0 FPA 3: 279.6 FPA 4: 279.9

Timeline interruptions:

Date	Orbit No.	Duration	remark
19/05/10	78835	Start: 12:49:16 Stop: 13:52:37	GOME Timeline stopped/activated due to AMI Anomaly (ERS-2 Unavailability Report 2010013)

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/05/10	78624 - 78638	~18:30 (04/05/10) - ~18:30 (05/05/10)	Narrow Swath Timeline GMNNOT41 executed
14-15/05/10	78768 - 78781	~20:00 (14/05/10) - ~17:30 (15/05/10)	Narrow Swath Timeline GMNNOT41 executed
21-25/05/10	78868 - 78924	~21:00 (21/05/10) - ~19:00 (25/05/10)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution:

Date	Orbit No.	Duration	remark
21/05/10			Narrow Swath activated after GOME Switch-off

Others:

Date	Orbit No.	Duration	remark
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20/05/10	78853	Start: 18:30:28	TST44 calibration lamp instabilities: value at ca 197 V (nominal would be 198 V)
21/05/10	78867	Start: 19:34:47 (outside gs visibility)	TST44 calibration lamp instabilities: value at ca 197 (nominal would be 198 V)
21/05/10	78867	Start: 19:43:23 (outside gs visibility)	TST44 calibration lamp instabilities: value at ca 197 (nominal would be 198 V)
26/05/10	78940	21:50:14	Corrupted products at MS anomalous values for most parameters
27/05/10	78949	12:22:51	Corrupted products at MM anomalous values for most parameters