

GOME Operations for June 2008

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

GOME Operations during June 2008

Date	Operations	remark
01/06/08	data available within visibility of groundstation	start of sun calibration: 17:54:56.495
02/06/08	data available within visibility of groundstation	start of sun calibration: 17:23:17.025
03/06/08	data available within visibility of groundstation	start of sun calibration: 16:51:52.542
04/06/08	data available within visibility of groundstation	start of sun calibration: 13:41:13.204
05/06/08	data available within visibility of groundstation	start of sun calibration: 19:09:33.717
06/06/08	data available within visibility of groundstation	start of sun calibration: 18:37:54.231
07/06/08	data available within visibility of groundstation	start of sun calibration: 18:06:14.753
08/06/08	data available within visibility of groundstation	start of sun calibration: 17:34:35.274
09/06/08	data available within visibility of groundstation	start of sun calibration: 17:03:01.791
10/06/08	data available within visibility of groundstation	start of sun calibration: 19:52:35.525
11/06/08	data available within visibility of groundstation	start of sun calibration: 19:20:56.042
12/06/08	data available within visibility of groundstation	start of sun calibration: 18:49:16.564
13/06/08	data available within visibility of groundstation	start of sun calibration: 18:17:37.069
14/06/08	data available within visibility of groundstation	start of sun calibration: 17:46:03.399
15/06/08	data available within visibility of groundstation	start of sun calibration: 17:14:23.915
16/06/08	data available within visibility of groundstation	start of sun calibration not available due to data gap
17/06/08	data available within visibility of groundstation	start of sun calibration: 19:32:18.130
18/06/08	data available within visibility of groundstation	start of sun calibration: 19:00:44.634
19/06/08	data available within visibility of groundstation	start of sun calibration: 18:29:05.131
20/06/08	data available within visibility of groundstation	start of sun calibration: 17:57:25.627
21/06/08	data available within visibility of groundstation	start of sun calibration: 17:25:52.124
22/06/08	data available within visibility of groundstation	start of sun calibration not available due to data gap
23/06/08	data available within visibility of groundstation	start of sun calibration: 19:43:46.332
24/06/08	data available within visibility of groundstation	no solar calibration available due to missing data

25/06/08	data available within visibility of groundstation	start of sun calibration: 18:41:28
26/06/08	data available within visibility of groundstation	start of sun calibration: 18:09:53
27/06/08	data available within visibility of groundstation	start of sun calibration: 17:37:22.900
28/06/08	data available within visibility of groundstation	start of sun calibration not available due to data gap
29/06/08	data available within visibility of groundstation	start of sun calibration: 19:56:14
30/06/08	data available within visibility of groundstation	start of sun calibration: 19:24:36

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
01/06/08	68564	00:06:25 - 00:21:00	gap at HO
01/06/08	68564	00:17:40 - 00:28:53	gap at MM
01/06/08	68565	01:48:58 - 01:58:53	gap at HO
01/06/08	68565	01:59:54 - 02:09:10	gap at MM
01/06/08	68565	01:02:03 - 01:11:59	gap at GS
01/06/08	68566	03:04:32 - 03:17:57	gap at BE
01/06/08	68566	03:42:55 - 03:49:50	gap at MM
01/06/08	68566	02:34:44 - 02:46:27	gap at MI
01/06/08	68566	02:38:34 - 02:52:26	gap at GS
01/06/08	68566	03:15:37 - 03:29:25	gap at SG
01/06/08	68566	02:37:11 - 02:41:41	gap at CM
01/06/08	68566	04:11:58 - 04:24:21	gap at CM
01/06/08	68567	04:45:15 - 04:54:25	gap at BE
01/06/08	68567	05:25:41 - 05:31:28	gap at MM
01/06/08	68567	04:13:37 - 04:25:52	gap at MI
01/06/08	68567	04:19:45 - 04:31:03	gap at GS
01/06/08	68567	04:57:53 - 05:05:11	gap at SG
01/06/08	68568	07:07:09 - 07:14:21	gap at MM
01/06/08	68568	06:02:00 - 06:14:27	gap at PS
01/06/08	68569	08:47:45 - 08:57:18	gap at MM
01/06/08	68569	08:09:14 - 08:19:15	gap at MA
01/06/08	68570	10:27:59 - 10:39:24	gap at MM
01/06/08	68570	09:47:12 - 10:00:46	gap at MA
01/06/08	68571	12:08:00 - 12:20:26	gap at MM
01/06/08	68571	11:28:24 - 11:36:24	gap at MA
01/06/08	68571	11:31:39 - 11:44:55	gap at MS
01/06/08	68572	13:56:25 - 14:10:23	gap at HO
01/06/08	68572	13:47:46 - 14:00:30	gap at MM
01/06/08	68572	13:12:35 - 13:21:24	gap at MS
01/06/08	68572	14:13:23 - 14:22:58	gap at SG
01/06/08	68573	14:21:13 - 14:34:34	gap at BE

01/06/08	68573	15:27:17 - 15:39:55	gap at MM
01/06/08	68573	14:54:58 - 15:05:44	gap at MI
01/06/08	68573	14:48:22 - 15:00:39	gap at GS
01/06/08	68573	15:50:29 - 16:03:59	gap at SG
01/06/08	68573	15:00:41 - 15:04:38	gap at CM
01/06/08	68574	16:05:11 - 16:11:05	gap at BE
01/06/08	68574	17:06:32 - 17:19:04	gap at MM
01/06/08	68574	16:33:21 - 16:46:06	gap at MI
01/06/08	68574	16:27:22 - 16:41:01	gap at GS
01/06/08	68574	16:35:57 - 16:48:19	gap at CM
01/06/08	68575	18:45:40 - 18:58:16	gap at MM
01/06/08	68575	18:08:09 - 18:16:43	gap at GS
01/06/08	68576	20:25:00 - 20:37:44	gap at MM
01/06/08	68576	19:27:03 - 19:36:24	gap at MA
01/06/08	68576	19:45:53 - 19:57:53	gap at PS
01/06/08	68577	22:04:55 - 22:17:27	gap at MM
01/06/08	68577	21:03:00 - 21:16:26	gap at MA
01/06/08	68578	23:35:21 - 23:49:44	gap at HO
01/06/08	68578	23:45:45 - 23:57:25	gap at MM
01/06/08	68578	22:41:05 - 22:54:02	gap at MS
01/06/08	68569	07:59:32 - 08:00:34	gap at KS
01/06/08	68570	09:39:09 - 09:40:13	gap at KS
01/06/08	68571	11:18:42 - 11:19:48	gap at KS
01/06/08	68572	12:57:55 - 12:58:59	gap at KS
01/06/08	68573	14:36:40 - 14:37:49	gap at KS
01/06/08	68574	16:14:20 - 16:15:28	gap at KS
01/06/08	68575	17:52:14 - 17:53:35	gap at KS
02/06/08	68579	01:15:43 - 01:28:32	gap at HO
02/06/08	68579	01:27:40 - 01:37:37	gap at MM
02/06/08	68579	00:21:57 - 00:32:37	gap at MS
02/06/08	68580	02:33:25 - 02:46:32	gap at BE
02/06/08	68580	03:10:30 - 03:18:08	gap at MM
02/06/08	68580	02:05:17 - 02:14:05	gap at MI
02/06/08	68580	02:07:44 - 02:21:03	gap at GS
02/06/08	68580	03:40:59 - 03:53:02	gap at CM
02/06/08	68581	04:13:16 - 04:24:45	gap at BE
02/06/08	68581	04:53:30 - 04:59:22	gap at MM
02/06/08	68581	03:41:49 - 03:55:06	gap at MI
02/06/08	68581	03:47:22 - 04:00:21	gap at GS
02/06/08	68581	04:24:37 - 04:36:18	gap at SG
02/06/08	68582	06:35:23 - 06:41:56	gap at MM
02/06/08	68582	05:29:58 - 05:43:25	gap at PS
02/06/08	68582	05:49:59 - 05:52:29	gap at KS
02/06/08	68582	05:22:33 - 05:30:13	gap at CM
02/06/08	68583	08:16:11 - 08:25:00	gap at MM
02/06/08	68584	09:56:31 - 10:07:26	gap at MM
02/06/08	68584	09:16:23 - 09:29:28	gap at MA
02/06/08	68585	11:36:35 - 11:48:48	gap at MM

02/06/08	68586	13:16:26 - 13:29:08	gap at MM
02/06/08	68587	15:05:55 - 15:14:40	gap at HO
02/06/08	68587	14:56:02 - 15:08:43	gap at MM
02/06/08	68587	14:25:59 - 14:31:50	gap at MI
02/06/08	68587	15:19:09 - 15:33:00	gap at SG
02/06/08	68588	15:31:18 - 15:41:39	gap at BE
02/06/08	68588	16:01:55 - 16:15:18	gap at MI
02/06/08	68588	16:04:53 - 16:17:00	gap at CM
02/06/08	68589	17:44:13 - 17:50:06	gap at MI
02/06/08	68589	17:45:59 - 17:53:41	gap at CM
02/06/08	68591	21:33:26 - 21:46:05	gap at MM
02/06/08	68591	20:31:36 - 20:45:19	gap at MA
02/06/08	68592	23:04:43 - 23:18:21	gap at HO
02/06/08	68584	09:07:50 - 09:08:54	gap at KS
02/06/08	68585	10:47:26 - 10:48:34	gap at KS
02/06/08	68586	12:26:48 - 12:27:54	gap at KS
02/06/08	68587	14:05:41 - 14:06:51	gap at KS
02/06/08	68588	15:43:38 - 15:44:49	gap at KS
02/06/08	68589	17:21:29 - 17:22:39	gap at KS
02/06/08	68585	11:00:39 - 11:01:58	gap at MS
02/06/08	68586	12:40:15 - 12:41:21	gap at MS
02/06/08	68590	18:58:20 - 19:00:28	gap at MA
02/06/08	68589	18:14:30 - 18:15:53	gap at MM
03/06/08	68593	00:43:42 - 00:57:48	gap at HO
03/06/08	68593	00:06:32 - 00:11:21	gap at KS
03/06/08	68594	02:02:35 - 02:14:31	gap at BE
03/06/08	68595	04:21:12 - 04:27:26	gap at MM
03/06/08	68595	03:10:41 - 03:23:54	gap at MI
03/06/08	68595	03:10:49 - 03:21:07	gap at CM
03/06/08	68595	04:49:32 - 05:00:37	gap at CM
03/06/08	68596	06:03:31 - 06:09:34	gap at MM
03/06/08	68596	04:52:27 - 05:01:14	gap at MI
03/06/08	68599	11:05:10 - 11:17:03	gap at MM
03/06/08	68600	12:45:05 - 12:57:42	gap at MM
03/06/08	68601	14:33:55 - 14:45:36	gap at HO
03/06/08	68601	14:24:46 - 14:37:29	gap at MM
03/06/08	68602	14:58:46 - 15:11:09	gap at BE
03/06/08	68602	15:30:54 - 15:43:52	gap at MI
03/06/08	68602	15:34:29 - 15:44:53	gap at CM
03/06/08	68603	17:11:08 - 17:21:33	gap at MI
03/06/08	68603	17:13:23 - 17:24:21	gap at CM
03/06/08	68604	19:22:31 - 19:35:11	gap at MM
03/06/08	68605	21:02:01 - 21:14:44	gap at MM
03/06/08	68605	20:00:52 - 20:14:14	gap at MA
03/06/08	68606	22:34:19 - 22:46:50	gap at HO
03/06/08	68598	08:36:31 - 08:37:36	gap at KS
03/06/08	68599	10:16:09 - 10:17:15	gap at KS
03/06/08	68600	11:55:37 - 11:56:46	gap at KS

03/06/08	68601	13:34:37 - 13:35:43	gap at KS
03/06/08	68602	15:12:59 - 15:14:24	gap at KS
03/06/08	68603	16:50:36 - 16:51:52	gap at KS
03/06/08	68604	18:28:38 - 18:29:45	gap at KS
03/06/08	68599	10:30:22 - 10:31:35	gap at MS
03/06/08	68600	12:08:38 - 12:09:49	gap at MS
03/06/08	68606	21:40:35 - 21:41:40	gap at MA
03/06/08	68603	17:43:21 - 17:44:34	gap at MM
03/06/08	68595	03:41:38 - 03:42:58	gap at BE
03/06/08	68595	03:52:35 - 04:03:13	gap at SG
03/06/08	68601	14:48:28 - 14:51:38	gap at SG
03/06/08	68602	16:28:26 - 16:29:49	gap at SG
04/06/08	68607	00:12:03 - 00:26:41	gap at HO
04/06/08	68608	01:55:11 - 02:04:13	gap at HO
04/06/08	68609	03:48:49 - 03:55:37	gap at MM
04/06/08	68609	02:40:11 - 02:52:15	gap at MI
04/06/08	68609	02:42:01 - 02:48:03	gap at CM
04/06/08	68609	04:17:40 - 04:29:59	gap at CM
04/06/08	68610	04:51:07 - 04:59:43	gap at BE
04/06/08	68610	05:31:31 - 05:37:19	gap at MM
04/06/08	68610	04:19:29 - 04:31:24	gap at MI
04/06/08	68613	10:33:42 - 10:45:12	gap at MM
04/06/08	68614	12:13:42 - 12:26:11	gap at MM
04/06/08	68614	11:34:12 - 11:41:40	gap at MA
04/06/08	68615	13:53:28 - 14:06:12	gap at MM
04/06/08	68616	14:26:56 - 14:40:13	gap at BE
04/06/08	68616	15:00:26 - 15:11:41	gap at MI
04/06/08	68616	15:56:15 - 16:09:33	gap at SG
04/06/08	68616	15:05:28 - 15:11:15	gap at CM
04/06/08	68617	16:39:07 - 16:51:38	gap at MI
04/06/08	68617	16:41:39 - 16:53:55	gap at CM
04/06/08	68618	18:51:20 - 19:03:57	gap at MM
04/06/08	68619	20:30:41 - 20:43:25	gap at MM
04/06/08	68619	19:30:36 - 19:42:13	gap at MA
04/06/08	68620	22:04:35 - 22:15:08	gap at HO
04/06/08	68620	22:10:39 - 22:23:10	gap at MM
04/06/08	68621	23:41:02 - 23:55:25	gap at HO
04/06/08	68621	23:51:33 - 00:03:09	gap at MM
04/06/08	68612	08:05:13 - 08:06:20	gap at KS
04/06/08	68613	09:44:50 - 09:45:55	gap at KS
04/06/08	68614	11:24:23 - 11:25:33	gap at KS
04/06/08	68615	13:03:35 - 13:04:40	gap at KS
04/06/08	68616	14:42:17 - 14:43:27	gap at KS
04/06/08	68617	16:19:57 - 16:21:07	gap at KS
04/06/08	68618	17:57:47 - 17:59:15	gap at KS
04/06/08	68614	11:37:20 - 11:38:35	gap at MS
04/06/08	68615	13:18:32 - 13:19:40	gap at MS
04/06/08	68620	21:08:48 - 21:10:00	gap at MA

04/06/08	68609	03:10:14 - 03:11:27	gap at BE
04/06/08	68609	03:21:15 - 03:28:27	gap at SG
05/06/08	68621	23:51:33 - 00:03:09	gap at MM
05/06/08	68622	01:21:35 - 01:34:05	gap at HO
05/06/08	68623	03:16:24 - 03:23:53	gap at MM
05/06/08	68623	02:10:33 - 02:20:02	gap at MI
05/06/08	68623	03:46:34 - 03:58:46	gap at CM
05/06/08	68624	04:19:03 - 04:30:12	gap at BE
05/06/08	68624	04:59:22 - 05:05:12	gap at MM
05/06/08	68624	03:47:33 - 04:00:44	gap at MI
05/06/08	68625	05:55:25 - 05:59:51	gap at KS
05/06/08	68625	05:28:48 - 05:35:21	gap at CM
05/06/08	68628	11:42:18 - 11:54:33	gap at MM
05/06/08	68629	13:22:08 - 13:34:51	gap at MM
05/06/08	68630	13:55:39 - 14:09:01	gap at BE
05/06/08	68630	15:11:46 - 15:20:07	gap at HO
05/06/08	68630	14:31:02 - 14:38:14	gap at MI
05/06/08	68631	15:37:19 - 15:47:07	gap at BE
05/06/08	68631	16:07:36 - 16:20:57	gap at MI
05/06/08	68631	16:10:29 - 16:22:45	gap at CM
05/06/08	68632	18:20:10 - 18:32:45	gap at MM
05/06/08	68632	17:50:36 - 17:54:53	gap at MI
05/06/08	68632	17:52:06 - 17:58:48	gap at CM
05/06/08	68633	19:59:25 - 20:12:08	gap at MM
05/06/08	68633	19:03:23 - 19:08:50	gap at MA
05/06/08	68634	21:39:09 - 21:51:47	gap at MM
05/06/08	68635	23:10:12 - 23:24:04	gap at HO
05/06/08	68627	09:13:32 - 09:14:37	gap at KS
05/06/08	68628	10:53:08 - 10:54:15	gap at KS
05/06/08	68629	12:32:28 - 12:33:34	gap at KS
05/06/08	68630	14:11:20 - 14:12:34	gap at KS
05/06/08	68631	15:49:13 - 15:50:22	gap at KS
05/06/08	68632	17:27:07 - 17:28:18	gap at KS
05/06/08	68628	11:06:16 - 11:07:29	gap at MS
05/06/08	68629	12:46:07 - 12:47:14	gap at MS
05/06/08	68634	20:37:14 - 20:39:05	gap at MA
05/06/08	68623	02:39:03 - 02:40:20	gap at BE
05/06/08	68623	02:50:32 - 02:51:38	gap at SG
05/06/08	68623	02:56:38 - 03:03:30	gap at SG
05/06/08	68624	04:38:59 - 04:41:41	gap at SG
06/06/08	68636	00:49:31 - 01:03:24	gap at HO
06/06/08	68636	00:12:47 - 00:16:50	gap at KS
06/06/08	68637	02:08:10 - 02:20:23	gap at BE
06/06/08	68637	02:44:00 - 02:52:14	gap at MM
06/06/08	68637	01:43:03 - 01:46:00	gap at MI
06/06/08	68637	02:20:41 - 02:31:06	gap at SG
06/06/08	68638	03:47:22 - 04:00:00	gap at BE
06/06/08	68638	04:27:05 - 04:33:14	gap at MM

06/06/08	68638	03:58:21 - 04:11:37	gap at SG
06/06/08	68638	03:16:14 - 03:26:58	gap at CM
06/06/08	68638	04:55:25 - 05:06:06	gap at CM
06/06/08	68642	11:21:21 - 11:31:59	gap at HO
06/06/08	68642	11:10:52 - 11:22:50	gap at MM
06/06/08	68643	12:59:23 - 13:14:12	gap at HO
06/06/08	68643	12:50:47 - 13:03:25	gap at MM
06/06/08	68644	14:39:42 - 14:50:47	gap at HO
06/06/08	68644	14:53:59 - 15:07:12	gap at SG
06/06/08	68645	15:04:37 - 15:16:44	gap at BE
06/06/08	68645	15:36:31 - 15:49:38	gap at MI
06/06/08	68646	17:49:01 - 18:01:33	gap at MM
06/06/08	68646	17:17:02 - 17:26:53	gap at MI
06/06/08	68647	19:28:11 - 19:40:52	gap at MM
06/06/08	68648	21:07:44 - 21:20:26	gap at MM
06/06/08	68641	08:42:13 - 08:43:19	gap at KS
06/06/08	68642	10:21:50 - 10:22:58	gap at KS
06/06/08	68643	12:01:17 - 12:02:27	gap at KS
06/06/08	68644	13:40:16 - 13:41:23	gap at KS
06/06/08	68645	15:18:30 - 15:20:00	gap at KS
06/06/08	68646	16:56:11 - 16:57:26	gap at KS
06/06/08	68647	18:34:16 - 18:35:24	gap at KS
06/06/08	68645	15:30:33 - 15:31:38	gap at GS
06/06/08	68642	10:35:51 - 10:37:06	gap at MS
06/06/08	68643	12:14:24 - 12:15:35	gap at MS
06/06/08	68648	20:06:25 - 20:07:36	gap at MA
06/06/08	68637	02:20:41 - 02:29:07	gap at SG
07/06/08	68651	02:11:39 - 02:20:39	gap at MM
07/06/08	68652	03:15:55 - 03:29:16	gap at BE
07/06/08	68652	03:54:42 - 04:01:23	gap at MM
07/06/08	68652	02:45:41 - 02:58:02	gap at MI
07/06/08	68653	04:57:01 - 05:04:59	gap at BE
07/06/08	68653	04:25:23 - 04:36:54	gap at MI
07/06/08	68655	08:59:13 - 09:09:01	gap at MM
07/06/08	68656	10:39:26 - 10:51:00	gap at MM
07/06/08	68657	12:19:25 - 12:31:55	gap at MM
07/06/08	68657	11:40:00 - 11:46:53	gap at MA
07/06/08	68658	13:59:09 - 14:11:53	gap at MM
07/06/08	68659	14:32:41 - 14:45:52	gap at BE
07/06/08	68659	15:05:55 - 15:17:36	gap at MI
07/06/08	68659	15:10:31 - 15:17:36	gap at CM
07/06/08	68660	17:17:52 - 17:30:23	gap at MM
07/06/08	68660	16:44:54 - 16:57:08	gap at MI
07/06/08	68660	16:47:23 - 16:59:31	gap at CM
07/06/08	68661	18:57:00 - 19:09:38	gap at MM
07/06/08	68662	20:36:23 - 20:49:07	gap at MM
07/06/08	68664	23:46:41 - 00:01:06	gap at HO
07/06/08	68655	08:10:55 - 08:13:00	gap at KS

07/06/08	68656	09:50:32 - 09:51:38	gap at KS
07/06/08	68657	11:30:04 - 11:31:15	gap at KS
07/06/08	68658	13:09:14 - 13:10:20	gap at KS
07/06/08	68659	14:47:54 - 14:49:06	gap at KS
07/06/08	68660	16:25:34 - 16:26:45	gap at KS
07/06/08	68661	18:03:21 - 18:04:49	gap at KS
07/06/08	68657	11:43:00 - 11:44:15	gap at MS
07/06/08	68657	11:50:40 - 11:56:18	gap at MS
07/06/08	68657	11:43:00 - 11:44:15	gap at MS
07/06/08	68658	13:24:37 - 13:25:49	gap at MS
07/06/08	68662	19:36:04 - 19:37:21	gap at MA
07/06/08	68663	21:14:32 - 21:15:51	gap at MA
07/06/08	68652	03:26:54 - 03:29:16	gap at SG
07/06/08	68652	03:34:43 - 03:40:47	gap at SG
07/06/08	68659	16:02:02 - 16:03:17	gap at SG
08/06/08	68665	01:39:22 - 01:49:05	gap at MM
08/06/08	68666	03:22:17 - 03:29:39	gap at MM
08/06/08	68666	02:15:51 - 02:25:58	gap at MI
08/06/08	68666	03:52:10 - 04:04:29	gap at CM
08/06/08	68667	04:24:50 - 04:35:38	gap at BE
08/06/08	68667	03:53:18 - 04:06:21	gap at MI
08/06/08	68668	06:00:56 - 06:06:04	gap at KS
08/06/08	68668	05:35:14 - 05:40:19	gap at CM
08/06/08	68670	10:07:58 - 10:19:04	gap at MM
08/06/08	68671	11:48:01 - 12:00:19	gap at MM
08/06/08	68673	14:01:18 - 14:14:42	gap at BE
08/06/08	68673	14:36:13 - 14:44:29	gap at MI
08/06/08	68674	15:43:23 - 15:52:33	gap at BE
08/06/08	68674	16:46:42 - 16:59:14	gap at MM
08/06/08	68674	16:13:18 - 16:26:35	gap at MI
08/06/08	68674	16:16:07 - 16:28:28	gap at CM
08/06/08	68675	18:25:50 - 18:38:25	gap at MM
08/06/08	68675	17:57:47 - 17:58:53	gap at MI
08/06/08	68675	17:58:21 - 18:03:46	gap at CM
08/06/08	68676	20:05:06 - 20:17:49	gap at MM
08/06/08	68677	21:44:52 - 21:57:29	gap at MM
08/06/08	68677	20:42:54 - 20:56:36	gap at MA
08/06/08	68670	09:19:13 - 09:20:18	gap at KS
08/06/08	68671	10:58:49 - 10:59:56	gap at KS
08/06/08	68672	12:38:07 - 12:39:13	gap at KS
08/06/08	68673	14:16:58 - 14:18:10	gap at KS
08/06/08	68674	15:54:48 - 15:55:57	gap at KS
08/06/08	68675	17:32:42 - 17:33:54	gap at KS
08/06/08	68671	11:11:53 - 11:13:07	gap at MS
08/06/08	68672	12:51:59 - 12:53:03	gap at MS
08/06/08	68676	19:08:33 - 19:09:49	gap at MA
08/06/08	68666	02:44:42 - 02:45:59	gap at BE
08/06/08	68666	02:56:04 - 03:01:41	gap at SG

08/06/08	68667	04:36:30 - 04:39:53	gap at SG
08/06/08	68673	15:30:28 - 15:31:34	gap at SG
09/06/08	68679	01:07:11 - 01:17:33	gap at MM
09/06/08	68679	00:19:08 - 00:22:13	gap at KS
09/06/08	68680	02:49:53 - 02:57:59	gap at MM
09/06/08	68680	01:47:35 - 01:52:38	gap at MI
09/06/08	68680	02:26:01 - 02:37:04	gap at SG
09/06/08	68681	03:53:06 - 04:05:32	gap at BE
09/06/08	68681	03:21:56 - 03:35:17	gap at MI
09/06/08	68681	04:04:09 - 04:17:09	gap at SG
09/06/08	68681	03:21:41 - 03:32:48	gap at CM
09/06/08	68681	05:01:21 - 05:11:32	gap at CM
09/06/08	68682	05:04:57 - 05:11:37	gap at MI
09/06/08	68684	09:36:28 - 09:47:02	gap at MM
09/06/08	68685	11:16:35 - 11:28:37	gap at MM
09/06/08	68688	15:10:30 - 15:22:18	gap at BE
09/06/08	68688	16:15:31 - 16:28:05	gap at MM
09/06/08	68688	15:42:08 - 15:55:22	gap at MI
09/06/08	68688	15:45:26 - 15:56:41	gap at CM
09/06/08	68689	17:54:41 - 18:07:14	gap at MM
09/06/08	68689	17:22:58 - 17:32:10	gap at MI
09/06/08	68689	17:25:06 - 17:35:11	gap at CM
09/06/08	68690	19:33:52 - 19:46:33	gap at MM
09/06/08	68691	20:11:59 - 20:25:42	gap at MA
09/06/08	68692	21:52:54 - 22:04:22	gap at MA
09/06/08	68684	08:47:54 - 08:49:00	gap at KS
09/06/08	68685	10:27:32 - 10:28:39	gap at KS
09/06/08	68686	12:06:58 - 12:08:06	gap at KS
09/06/08	68687	13:45:54 - 13:47:05	gap at KS
09/06/08	68688	15:24:04 - 15:25:34	gap at KS
09/06/08	68689	17:01:47 - 17:03:00	gap at KS
09/06/08	68690	18:39:54 - 18:40:59	gap at KS
09/06/08	68680	01:48:20 - 01:49:23	gap at GS
09/06/08	68685	10:41:22 - 10:42:33	gap at MS
09/06/08	68686	12:20:09 - 12:21:25	gap at MS
09/06/08	68693	23:29:13 - 23:30:19	gap at MS
09/06/08	68680	02:13:45 - 02:15:03	gap at BE
09/06/08	68687	14:59:32 - 15:00:41	gap at SG
09/06/08	68688	16:40:25 - 16:41:57	gap at SG
10/06/08	68693	00:35:07 - 00:46:04	gap at MM
10/06/08	68694	01:43:12 - 01:53:46	gap at BE
10/06/08	68694	02:17:31 - 02:26:23	gap at MM
10/06/08	68695	02:51:12 - 03:03:49	gap at MI
01/06/08	68564	00:06:25 - 00:21:00	gap at HO
01/06/08	68564	00:17:40 - 00:28:53	gap at MM
01/06/08	68565	01:48:58 - 01:58:53	gap at HO
01/06/08	68565	01:59:54 - 02:09:10	gap at MM
01/06/08	68565	01:02:03 - 01:11:59	gap at GS

01/06/08	68566	03:04:32 - 03:17:57	gap at BE
01/06/08	68566	03:42:55 - 03:49:50	gap at MM
01/06/08	68566	02:34:44 - 02:46:27	gap at MI
01/06/08	68566	02:38:34 - 02:52:26	gap at GS
01/06/08	68566	03:15:37 - 03:29:25	gap at SG
01/06/08	68566	02:37:11 - 02:41:41	gap at CM
01/06/08	68566	04:11:58 - 04:24:21	gap at CM
01/06/08	68567	04:45:15 - 04:54:25	gap at BE
01/06/08	68567	05:25:41 - 05:31:28	gap at MM
01/06/08	68567	04:13:37 - 04:25:52	gap at MI
01/06/08	68567	04:19:45 - 04:31:03	gap at GS
01/06/08	68567	04:57:53 - 05:05:11	gap at SG
01/06/08	68568	07:07:09 - 07:14:21	gap at MM
01/06/08	68568	06:02:00 - 06:14:27	gap at PS
01/06/08	68569	08:47:45 - 08:57:18	gap at MM
01/06/08	68569	08:09:14 - 08:19:15	gap at MA
01/06/08	68570	10:27:59 - 10:39:24	gap at MM
01/06/08	68570	09:47:12 - 10:00:46	gap at MA
01/06/08	68571	12:08:00 - 12:20:26	gap at MM
01/06/08	68571	11:28:24 - 11:36:24	gap at MA
01/06/08	68571	11:31:39 - 11:44:55	gap at MS
01/06/08	68572	13:56:25 - 14:10:23	gap at HO
01/06/08	68572	13:47:46 - 14:00:30	gap at MM
01/06/08	68572	13:12:35 - 13:21:24	gap at MS
01/06/08	68572	14:13:23 - 14:22:58	gap at SG
01/06/08	68573	14:21:13 - 14:34:34	gap at BE
01/06/08	68573	15:27:17 - 15:39:55	gap at MM
01/06/08	68573	14:54:58 - 15:05:44	gap at MI
01/06/08	68573	14:48:22 - 15:00:39	gap at GS
01/06/08	68573	15:50:29 - 16:03:59	gap at SG
01/06/08	68573	15:00:41 - 15:04:38	gap at CM
01/06/08	68574	16:05:11 - 16:11:05	gap at BE
01/06/08	68574	17:06:32 - 17:19:04	gap at MM
01/06/08	68574	16:33:21 - 16:46:06	gap at MI
01/06/08	68574	16:27:22 - 16:41:01	gap at GS
01/06/08	68574	16:35:57 - 16:48:19	gap at CM
01/06/08	68575	18:45:40 - 18:58:16	gap at MM
01/06/08	68575	18:08:09 - 18:16:43	gap at GS
01/06/08	68576	20:25:00 - 20:37:44	gap at MM
01/06/08	68576	19:27:03 - 19:36:24	gap at MA
01/06/08	68576	19:45:53 - 19:57:53	gap at PS
01/06/08	68577	22:04:55 - 22:17:27	gap at MM
01/06/08	68577	21:03:00 - 21:16:26	gap at MA
01/06/08	68578	23:35:21 - 23:49:44	gap at HO
01/06/08	68578	23:45:45 - 23:57:25	gap at MM
01/06/08	68578	22:41:05 - 22:54:02	gap at MS
01/06/08	68569	07:59:32 - 08:00:34	gap at KS
01/06/08	68570	09:39:09 - 09:40:13	gap at KS

01/06/08	68571	11:18:42 - 11:19:48	gap at KS
01/06/08	68572	12:57:55 - 12:58:59	gap at KS
01/06/08	68573	14:36:40 - 14:37:49	gap at KS
01/06/08	68574	16:14:20 - 16:15:28	gap at KS
01/06/08	68575	17:52:14 - 17:53:35	gap at KS
02/06/08	68579	01:15:43 - 01:28:32	gap at HO
02/06/08	68579	01:27:40 - 01:37:37	gap at MM
02/06/08	68579	00:21:57 - 00:32:37	gap at MS
02/06/08	68580	02:33:25 - 02:46:32	gap at BE
02/06/08	68580	03:10:30 - 03:18:08	gap at MM
02/06/08	68580	02:05:17 - 02:14:05	gap at MI
02/06/08	68580	02:07:44 - 02:21:03	gap at GS
02/06/08	68580	03:40:59 - 03:53:02	gap at CM
02/06/08	68581	04:13:16 - 04:24:45	gap at BE
02/06/08	68581	04:53:30 - 04:59:22	gap at MM
02/06/08	68581	03:41:49 - 03:55:06	gap at MI
02/06/08	68581	03:47:22 - 04:00:21	gap at GS
02/06/08	68581	04:24:37 - 04:36:18	gap at SG
02/06/08	68582	06:35:23 - 06:41:56	gap at MM
02/06/08	68582	05:29:58 - 05:43:25	gap at PS
02/06/08	68582	05:49:59 - 05:52:29	gap at KS
02/06/08	68582	05:22:33 - 05:30:13	gap at CM
02/06/08	68583	08:16:11 - 08:25:00	gap at MM
02/06/08	68584	09:56:31 - 10:07:26	gap at MM
02/06/08	68584	09:16:23 - 09:29:28	gap at MA
02/06/08	68585	11:36:35 - 11:48:48	gap at MM
02/06/08	68586	13:16:26 - 13:29:08	gap at MM
02/06/08	68587	15:05:55 - 15:14:40	gap at HO
02/06/08	68587	14:56:02 - 15:08:43	gap at MM
02/06/08	68587	14:25:59 - 14:31:50	gap at MI
02/06/08	68587	15:19:09 - 15:33:00	gap at SG
02/06/08	68588	15:31:18 - 15:41:39	gap at BE
02/06/08	68588	16:01:55 - 16:15:18	gap at MI
02/06/08	68588	16:04:53 - 16:17:00	gap at CM
02/06/08	68589	17:44:13 - 17:50:06	gap at MI
02/06/08	68589	17:45:59 - 17:53:41	gap at CM
02/06/08	68591	21:33:26 - 21:46:05	gap at MM
02/06/08	68591	20:31:36 - 20:45:19	gap at MA
02/06/08	68592	23:04:43 - 23:18:21	gap at HO
02/06/08	68584	09:07:50 - 09:08:54	gap at KS
02/06/08	68585	10:47:26 - 10:48:34	gap at KS
02/06/08	68586	12:26:48 - 12:27:54	gap at KS
02/06/08	68587	14:05:41 - 14:06:51	gap at KS
02/06/08	68588	15:43:38 - 15:44:49	gap at KS
02/06/08	68589	17:21:29 - 17:22:39	gap at KS
02/06/08	68585	11:00:39 - 11:01:58	gap at MS
02/06/08	68586	12:40:15 - 12:41:21	gap at MS
02/06/08	68590	18:58:20 - 19:00:28	gap at MA

02/06/08	68589	18:14:30 - 18:15:53	gap at MM
03/06/08	68593	00:43:42 - 00:57:48	gap at HO
03/06/08	68593	00:06:32 - 00:11:21	gap at KS
03/06/08	68594	02:02:35 - 02:14:31	gap at BE
03/06/08	68595	04:21:12 - 04:27:26	gap at MM
03/06/08	68595	03:10:41 - 03:23:54	gap at MI
03/06/08	68595	03:10:49 - 03:21:07	gap at CM
03/06/08	68595	04:49:32 - 05:00:37	gap at CM
03/06/08	68596	06:03:31 - 06:09:34	gap at MM
03/06/08	68596	04:52:27 - 05:01:14	gap at MI
03/06/08	68599	11:05:10 - 11:17:03	gap at MM
03/06/08	68600	12:45:05 - 12:57:42	gap at MM
03/06/08	68601	14:33:55 - 14:45:36	gap at HO
03/06/08	68601	14:24:46 - 14:37:29	gap at MM
03/06/08	68602	14:58:46 - 15:11:09	gap at BE
03/06/08	68602	15:30:54 - 15:43:52	gap at MI
03/06/08	68602	15:34:29 - 15:44:53	gap at CM
03/06/08	68603	17:11:08 - 17:21:33	gap at MI
03/06/08	68603	17:13:23 - 17:24:21	gap at CM
03/06/08	68604	19:22:31 - 19:35:11	gap at MM
03/06/08	68605	21:02:01 - 21:14:44	gap at MM
03/06/08	68605	20:00:52 - 20:14:14	gap at MA
03/06/08	68606	22:34:19 - 22:46:50	gap at HO
03/06/08	68598	08:36:31 - 08:37:36	gap at KS
03/06/08	68599	10:16:09 - 10:17:15	gap at KS
03/06/08	68600	11:55:37 - 11:56:46	gap at KS
03/06/08	68601	13:34:37 - 13:35:43	gap at KS
03/06/08	68602	15:12:59 - 15:14:24	gap at KS
03/06/08	68603	16:50:36 - 16:51:52	gap at KS
03/06/08	68604	18:28:38 - 18:29:45	gap at KS
03/06/08	68599	10:30:22 - 10:31:35	gap at MS
03/06/08	68600	12:08:38 - 12:09:49	gap at MS
03/06/08	68606	21:40:35 - 21:41:40	gap at MA
03/06/08	68603	17:43:21 - 17:44:34	gap at MM
03/06/08	68595	03:41:38 - 03:42:58	gap at BE
03/06/08	68595	03:52:35 - 04:03:13	gap at SG
03/06/08	68601	14:48:28 - 14:51:38	gap at SG
03/06/08	68602	16:28:26 - 16:29:49	gap at SG
04/06/08	68607	00:12:03 - 00:26:41	gap at HO
04/06/08	68608	01:55:11 - 02:04:13	gap at HO
04/06/08	68609	03:48:49 - 03:55:37	gap at MM
04/06/08	68609	02:40:11 - 02:52:15	gap at MI
04/06/08	68609	02:42:01 - 02:48:03	gap at CM
04/06/08	68609	04:17:40 - 04:29:59	gap at CM
04/06/08	68610	04:51:07 - 04:59:43	gap at BE
04/06/08	68610	05:31:31 - 05:37:19	gap at MM
04/06/08	68610	04:19:29 - 04:31:24	gap at MI
04/06/08	68613	10:33:42 - 10:45:12	gap at MM

04/06/08	68614	12:13:42 - 12:26:11	gap at MM
04/06/08	68614	11:34:12 - 11:41:40	gap at MA
04/06/08	68615	13:53:28 - 14:06:12	gap at MM
04/06/08	68616	14:26:56 - 14:40:13	gap at BE
04/06/08	68616	15:00:26 - 15:11:41	gap at MI
04/06/08	68616	15:56:15 - 16:09:33	gap at SG
04/06/08	68616	15:05:28 - 15:11:15	gap at CM
04/06/08	68617	16:39:07 - 16:51:38	gap at MI
04/06/08	68617	16:41:39 - 16:53:55	gap at CM
04/06/08	68618	18:51:20 - 19:03:57	gap at MM
04/06/08	68619	20:30:41 - 20:43:25	gap at MM
04/06/08	68619	19:30:36 - 19:42:13	gap at MA
04/06/08	68620	22:04:35 - 22:15:08	gap at HO
04/06/08	68620	22:10:39 - 22:23:10	gap at MM
04/06/08	68621	23:41:02 - 23:55:25	gap at HO
04/06/08	68621	23:51:33 - 00:03:09	gap at MM
04/06/08	68612	08:05:13 - 08:06:20	gap at KS
04/06/08	68613	09:44:50 - 09:45:55	gap at KS
04/06/08	68614	11:24:23 - 11:25:33	gap at KS
04/06/08	68615	13:03:35 - 13:04:40	gap at KS
04/06/08	68616	14:42:17 - 14:43:27	gap at KS
04/06/08	68617	16:19:57 - 16:21:07	gap at KS
04/06/08	68618	17:57:47 - 17:59:15	gap at KS
04/06/08	68614	11:37:20 - 11:38:35	gap at MS
04/06/08	68615	13:18:32 - 13:19:40	gap at MS
04/06/08	68620	21:08:48 - 21:10:00	gap at MA
04/06/08	68609	03:10:14 - 03:11:27	gap at BE
04/06/08	68609	03:21:15 - 03:28:27	gap at SG
05/06/08	68621	23:51:33 - 00:03:09	gap at MM
05/06/08	68622	01:21:35 - 01:34:05	gap at HO
05/06/08	68623	03:16:24 - 03:23:53	gap at MM
05/06/08	68623	02:10:33 - 02:20:02	gap at MI
05/06/08	68623	03:46:34 - 03:58:46	gap at CM
05/06/08	68624	04:19:03 - 04:30:12	gap at BE
05/06/08	68624	04:59:22 - 05:05:12	gap at MM
05/06/08	68624	03:47:33 - 04:00:44	gap at MI
05/06/08	68625	05:55:25 - 05:59:51	gap at KS
05/06/08	68625	05:28:48 - 05:35:21	gap at CM
05/06/08	68628	11:42:18 - 11:54:33	gap at MM
05/06/08	68629	13:22:08 - 13:34:51	gap at MM
05/06/08	68630	13:55:39 - 14:09:01	gap at BE
05/06/08	68630	15:11:46 - 15:20:07	gap at HO
05/06/08	68630	14:31:02 - 14:38:14	gap at MI
05/06/08	68631	15:37:19 - 15:47:07	gap at BE
05/06/08	68631	16:07:36 - 16:20:57	gap at MI
05/06/08	68631	16:10:29 - 16:22:45	gap at CM
05/06/08	68632	18:20:10 - 18:32:45	gap at MM
05/06/08	68632	17:50:36 - 17:54:53	gap at MI

05/06/08	68632	17:52:06 - 17:58:48	gap at CM
05/06/08	68633	19:59:25 - 20:12:08	gap at MM
05/06/08	68633	19:03:23 - 19:08:50	gap at MA
05/06/08	68634	21:39:09 - 21:51:47	gap at MM
05/06/08	68635	23:10:12 - 23:24:04	gap at HO
05/06/08	68627	09:13:32 - 09:14:37	gap at KS
05/06/08	68628	10:53:08 - 10:54:15	gap at KS
05/06/08	68629	12:32:28 - 12:33:34	gap at KS
05/06/08	68630	14:11:20 - 14:12:34	gap at KS
05/06/08	68631	15:49:13 - 15:50:22	gap at KS
05/06/08	68632	17:27:07 - 17:28:18	gap at KS
05/06/08	68628	11:06:16 - 11:07:29	gap at MS
05/06/08	68629	12:46:07 - 12:47:14	gap at MS
05/06/08	68634	20:37:14 - 20:39:05	gap at MA
05/06/08	68623	02:39:03 - 02:40:20	gap at BE
05/06/08	68623	02:50:32 - 02:51:38	gap at SG
05/06/08	68623	02:56:38 - 03:03:30	gap at SG
05/06/08	68624	04:38:59 - 04:41:41	gap at SG
06/06/08	68636	00:49:31 - 01:03:24	gap at HO
06/06/08	68636	00:12:47 - 00:16:50	gap at KS
06/06/08	68637	02:08:10 - 02:20:23	gap at BE
06/06/08	68637	02:44:00 - 02:52:14	gap at MM
06/06/08	68637	01:43:03 - 01:46:00	gap at MI
06/06/08	68637	02:20:41 - 02:31:06	gap at SG
06/06/08	68638	03:47:22 - 04:00:00	gap at BE
06/06/08	68638	04:27:05 - 04:33:14	gap at MM
06/06/08	68638	03:58:21 - 04:11:37	gap at SG
06/06/08	68638	03:16:14 - 03:26:58	gap at CM
06/06/08	68638	04:55:25 - 05:06:06	gap at CM
06/06/08	68642	11:21:21 - 11:31:59	gap at HO
06/06/08	68642	11:10:52 - 11:22:50	gap at MM
06/06/08	68643	12:59:23 - 13:14:12	gap at HO
06/06/08	68643	12:50:47 - 13:03:25	gap at MM
06/06/08	68644	14:39:42 - 14:50:47	gap at HO
06/06/08	68644	14:53:59 - 15:07:12	gap at SG
06/06/08	68645	15:04:37 - 15:16:44	gap at BE
06/06/08	68645	15:36:31 - 15:49:38	gap at MI
06/06/08	68646	17:49:01 - 18:01:33	gap at MM
06/06/08	68646	17:17:02 - 17:26:53	gap at MI
06/06/08	68647	19:28:11 - 19:40:52	gap at MM
06/06/08	68648	21:07:44 - 21:20:26	gap at MM
06/06/08	68641	08:42:13 - 08:43:19	gap at KS
06/06/08	68642	10:21:50 - 10:22:58	gap at KS
06/06/08	68643	12:01:17 - 12:02:27	gap at KS
06/06/08	68644	13:40:16 - 13:41:23	gap at KS
06/06/08	68645	15:18:30 - 15:20:00	gap at KS
06/06/08	68646	16:56:11 - 16:57:26	gap at KS
06/06/08	68647	18:34:16 - 18:35:24	gap at KS

06/06/08	68645	15:30:33 - 15:31:38	gap at GS
06/06/08	68642	10:35:51 - 10:37:06	gap at MS
06/06/08	68643	12:14:24 - 12:15:35	gap at MS
06/06/08	68648	20:06:25 - 20:07:36	gap at MA
06/06/08	68637	02:20:41 - 02:29:07	gap at SG
07/06/08	68651	02:11:39 - 02:20:39	gap at MM
07/06/08	68652	03:15:55 - 03:29:16	gap at BE
07/06/08	68652	03:54:42 - 04:01:23	gap at MM
07/06/08	68652	02:45:41 - 02:58:02	gap at MI
07/06/08	68653	04:57:01 - 05:04:59	gap at BE
07/06/08	68653	04:25:23 - 04:36:54	gap at MI
07/06/08	68655	08:59:13 - 09:09:01	gap at MM
07/06/08	68656	10:39:26 - 10:51:00	gap at MM
07/06/08	68657	12:19:25 - 12:31:55	gap at MM
07/06/08	68657	11:40:00 - 11:46:53	gap at MA
07/06/08	68658	13:59:09 - 14:11:53	gap at MM
07/06/08	68659	14:32:41 - 14:45:52	gap at BE
07/06/08	68659	15:05:55 - 15:17:36	gap at MI
07/06/08	68659	15:10:31 - 15:17:36	gap at CM
07/06/08	68660	17:17:52 - 17:30:23	gap at MM
07/06/08	68660	16:44:54 - 16:57:08	gap at MI
07/06/08	68660	16:47:23 - 16:59:31	gap at CM
07/06/08	68661	18:57:00 - 19:09:38	gap at MM
07/06/08	68662	20:36:23 - 20:49:07	gap at MM
07/06/08	68664	23:46:41 - 00:01:06	gap at HO
07/06/08	68655	08:10:55 - 08:13:00	gap at KS
07/06/08	68656	09:50:32 - 09:51:38	gap at KS
07/06/08	68657	11:30:04 - 11:31:15	gap at KS
07/06/08	68658	13:09:14 - 13:10:20	gap at KS
07/06/08	68659	14:47:54 - 14:49:06	gap at KS
07/06/08	68660	16:25:34 - 16:26:45	gap at KS
07/06/08	68661	18:03:21 - 18:04:49	gap at KS
07/06/08	68657	11:43:00 - 11:44:15	gap at MS
07/06/08	68657	11:50:40 - 11:56:18	gap at MS
07/06/08	68657	11:43:00 - 11:44:15	gap at MS
07/06/08	68658	13:24:37 - 13:25:49	gap at MS
07/06/08	68662	19:36:04 - 19:37:21	gap at MA
07/06/08	68663	21:14:32 - 21:15:51	gap at MA
07/06/08	68652	03:26:54 - 03:29:16	gap at SG
07/06/08	68652	03:34:43 - 03:40:47	gap at SG
07/06/08	68659	16:02:02 - 16:03:17	gap at SG
08/06/08	68665	01:39:22 - 01:49:05	gap at MM
08/06/08	68666	03:22:17 - 03:29:39	gap at MM
08/06/08	68666	02:15:51 - 02:25:58	gap at MI
08/06/08	68666	03:52:10 - 04:04:29	gap at CM
08/06/08	68667	04:24:50 - 04:35:38	gap at BE
08/06/08	68667	03:53:18 - 04:06:21	gap at MI
08/06/08	68668	06:00:56 - 06:06:04	gap at KS

08/06/08	68668	05:35:14 - 05:40:19	gap at CM
08/06/08	68670	10:07:58 - 10:19:04	gap at MM
08/06/08	68671	11:48:01 - 12:00:19	gap at MM
08/06/08	68673	14:01:18 - 14:14:42	gap at BE
08/06/08	68673	14:36:13 - 14:44:29	gap at MI
08/06/08	68674	15:43:23 - 15:52:33	gap at BE
08/06/08	68674	16:46:42 - 16:59:14	gap at MM
08/06/08	68674	16:13:18 - 16:26:35	gap at MI
08/06/08	68674	16:16:07 - 16:28:28	gap at CM
08/06/08	68675	18:25:50 - 18:38:25	gap at MM
08/06/08	68675	17:57:47 - 17:58:53	gap at MI
08/06/08	68675	17:58:21 - 18:03:46	gap at CM
08/06/08	68676	20:05:06 - 20:17:49	gap at MM
08/06/08	68677	21:44:52 - 21:57:29	gap at MM
08/06/08	68677	20:42:54 - 20:56:36	gap at MA
08/06/08	68670	09:19:13 - 09:20:18	gap at KS
08/06/08	68671	10:58:49 - 10:59:56	gap at KS
08/06/08	68672	12:38:07 - 12:39:13	gap at KS
08/06/08	68673	14:16:58 - 14:18:10	gap at KS
08/06/08	68674	15:54:48 - 15:55:57	gap at KS
08/06/08	68675	17:32:42 - 17:33:54	gap at KS
08/06/08	68671	11:11:53 - 11:13:07	gap at MS
08/06/08	68672	12:51:59 - 12:53:03	gap at MS
08/06/08	68676	19:08:33 - 19:09:49	gap at MA
08/06/08	68666	02:44:42 - 02:45:59	gap at BE
08/06/08	68666	02:56:04 - 03:01:41	gap at SG
08/06/08	68667	04:36:30 - 04:39:53	gap at SG
08/06/08	68673	15:30:28 - 15:31:34	gap at SG
09/06/08	68679	01:07:11 - 01:17:33	gap at MM
09/06/08	68679	00:19:08 - 00:22:13	gap at KS
09/06/08	68680	02:49:53 - 02:57:59	gap at MM
09/06/08	68680	01:47:35 - 01:52:38	gap at MI
09/06/08	68680	02:26:01 - 02:37:04	gap at SG
09/06/08	68681	03:53:06 - 04:05:32	gap at BE
09/06/08	68681	03:21:56 - 03:35:17	gap at MI
09/06/08	68681	04:04:09 - 04:17:09	gap at SG
09/06/08	68681	03:21:41 - 03:32:48	gap at CM
09/06/08	68681	05:01:21 - 05:11:32	gap at CM
09/06/08	68682	05:04:57 - 05:11:37	gap at MI
09/06/08	68684	09:36:28 - 09:47:02	gap at MM
09/06/08	68685	11:16:35 - 11:28:37	gap at MM
09/06/08	68688	15:10:30 - 15:22:18	gap at BE
09/06/08	68688	16:15:31 - 16:28:05	gap at MM
09/06/08	68688	15:42:08 - 15:55:22	gap at MI
09/06/08	68688	15:45:26 - 15:56:41	gap at CM
09/06/08	68689	17:54:41 - 18:07:14	gap at MM
09/06/08	68689	17:22:58 - 17:32:10	gap at MI
09/06/08	68689	17:25:06 - 17:35:11	gap at CM

09/06/08	68690	19:33:52 - 19:46:33	gap at MM
09/06/08	68691	20:11:59 - 20:25:42	gap at MA
09/06/08	68692	21:52:54 - 22:04:22	gap at MA
09/06/08	68684	08:47:54 - 08:49:00	gap at KS
09/06/08	68685	10:27:32 - 10:28:39	gap at KS
09/06/08	68686	12:06:58 - 12:08:06	gap at KS
09/06/08	68687	13:45:54 - 13:47:05	gap at KS
09/06/08	68688	15:24:04 - 15:25:34	gap at KS
09/06/08	68689	17:01:47 - 17:03:00	gap at KS
09/06/08	68690	18:39:54 - 18:40:59	gap at KS
09/06/08	68680	01:48:20 - 01:49:23	gap at GS
09/06/08	68685	10:41:22 - 10:42:33	gap at MS
09/06/08	68686	12:20:09 - 12:21:25	gap at MS
09/06/08	68693	23:29:13 - 23:30:19	gap at MS
09/06/08	68680	02:13:45 - 02:15:03	gap at BE
09/06/08	68687	14:59:32 - 15:00:41	gap at SG
09/06/08	68688	16:40:25 - 16:41:57	gap at SG
10/06/08	68693	00:35:07 - 00:46:04	gap at MM
10/06/08	68694	01:43:12 - 01:53:46	gap at BE
10/06/08	68694	02:17:31 - 02:26:23	gap at MM
10/06/08	68695	02:51:12 - 03:03:49	gap at MI
10/06/08	68696	04:31:19 - 04:42:23	gap at MI
10/06/08	68698	09:04:57 - 09:14:53	gap at MM
10/06/08	68699	10:45:09 - 10:56:48	gap at MM
10/06/08	68700	11:45:54 - 11:52:02	gap at MA
10/06/08	68701	14:13:43 - 14:26:38	gap at HO
10/06/08	68701	14:29:21 - 14:40:54	gap at SG
10/06/08	68702	14:38:27 - 14:51:30	gap at BE
10/06/08	68702	15:44:19 - 15:56:55	gap at MM
10/06/08	68702	15:11:26 - 15:23:29	gap at MI
10/06/08	68702	16:07:51 - 16:20:36	gap at SG
10/06/08	68702	15:15:43 - 15:23:48	gap at CM
10/06/08	68703	17:23:32 - 17:36:03	gap at MM
10/06/08	68703	16:50:41 - 17:02:37	gap at MI
10/06/08	68704	19:02:40 - 19:15:18	gap at MM
10/06/08	68705	19:41:33 - 19:53:48	gap at MA
10/06/08	68706	22:22:08 - 22:34:35	gap at MM
10/06/08	68707	23:52:19 - 00:06:48	gap at HO
10/06/08	68698	08:16:36 - 08:17:44	gap at KS
10/06/08	68699	09:56:14 - 09:57:21	gap at KS
10/06/08	68700	11:35:45 - 11:36:56	gap at KS
10/06/08	68701	13:14:53 - 13:16:00	gap at KS
10/06/08	68702	14:53:31 - 14:54:42	gap at KS
10/06/08	68703	16:31:09 - 16:32:20	gap at KS
10/06/08	68704	18:08:58 - 18:10:18	gap at KS
10/06/08	68702	15:05:11 - 15:06:11	gap at GS
10/06/08	68699	10:11:18 - 10:12:30	gap at MS
10/06/08	68700	11:48:38 - 11:49:52	gap at MS

10/06/08	68706	21:20:18 - 21:21:36	gap at MA
10/06/08	68695	03:21:37 - 03:22:50	gap at BE
10/06/08	68695	03:43:53 - 03:46:26	gap at SG
10/06/08	68695	04:29:10 - 04:31:34	gap at CM
11/06/08	68707	00:03:09 - 00:14:35	gap at MM
11/06/08	68708	01:45:14 - 01:54:49	gap at MM
11/06/08	68709	02:50:22 - 03:03:44	gap at BE
11/06/08	68709	02:21:12 - 02:31:51	gap at MI
11/06/08	68710	04:30:39 - 04:41:02	gap at BE
11/06/08	68710	03:59:05 - 04:11:57	gap at MI
11/06/08	68711	06:06:28 - 06:12:13	gap at KS
11/06/08	68712	08:33:24 - 08:42:38	gap at MM
11/06/08	68712	07:55:59 - 08:01:45	gap at MA
11/06/08	68713	10:13:41 - 10:24:53	gap at MM
11/06/08	68714	12:03:02 - 12:16:30	gap at HO
11/06/08	68715	13:33:32 - 13:46:15	gap at MM
11/06/08	68716	15:13:05 - 15:25:44	gap at MM
11/06/08	68716	14:41:30 - 14:50:38	gap at MI
11/06/08	68717	15:49:31 - 15:57:56	gap at BE
11/06/08	68717	16:52:22 - 17:04:54	gap at MM
11/06/08	68717	16:19:01 - 16:32:11	gap at MI
11/06/08	68717	16:21:46 - 16:34:10	gap at CM
11/06/08	68718	18:31:30 - 18:44:05	gap at MM
11/06/08	68719	20:10:47 - 20:23:30	gap at MM
11/06/08	68719	19:13:16 - 19:21:17	gap at MA
11/06/08	68720	20:48:34 - 21:02:17	gap at MA
11/06/08	68721	23:31:17 - 23:43:08	gap at MM
11/06/08	68721	22:32:49 - 22:39:50	gap at MA
11/06/08	68713	09:24:55 - 09:26:02	gap at KS
11/06/08	68714	11:04:30 - 11:05:39	gap at KS
11/06/08	68715	12:43:47 - 12:44:55	gap at KS
11/06/08	68716	14:22:36 - 14:23:48	gap at KS
11/06/08	68717	16:00:23 - 16:01:33	gap at KS
11/06/08	68718	17:38:18 - 17:39:29	gap at KS
11/06/08	68714	11:17:31 - 11:18:45	gap at MS
11/06/08	68715	12:57:51 - 12:58:59	gap at MS
11/06/08	68720	21:50:36 - 21:51:49	gap at MM
11/06/08	68716	14:06:58 - 14:08:12	gap at BE
11/06/08	68716	14:09:54 - 14:20:23	gap at BE
11/06/08	68709	03:01:37 - 03:04:36	gap at SG
12/06/08	68722	01:13:02 - 01:23:17	gap at MM
12/06/08	68723	01:52:29 - 01:58:54	gap at MI
12/06/08	68724	03:58:51 - 04:11:03	gap at BE
12/06/08	68724	03:27:35 - 03:40:58	gap at MI
12/06/08	68725	05:11:27 - 05:16:34	gap at MI
12/06/08	68726	08:01:49 - 08:10:18	gap at MM
12/06/08	68727	09:42:12 - 09:52:52	gap at MM
12/06/08	68730	14:41:50 - 14:54:32	gap at MM

12/06/08	68731	15:16:24 - 15:27:51	gap at BE
12/06/08	68731	16:21:11 - 16:33:45	gap at MM
12/06/08	68731	15:47:46 - 16:01:05	gap at MI
12/06/08	68732	18:00:21 - 18:12:54	gap at MM
12/06/08	68732	17:28:57 - 17:37:24	gap at MI
12/06/08	68733	19:39:32 - 19:52:14	gap at MM
12/06/08	68733	18:44:46 - 18:48:51	gap at MA
12/06/08	68734	20:25:05 - 20:38:54	gap at KS
12/06/08	68735	22:59:32 - 23:11:42	gap at MM
12/06/08	68735	21:58:48 - 22:09:54	gap at MA
12/06/08	68727	08:53:36 - 08:54:42	gap at KS
12/06/08	68728	10:33:13 - 10:34:22	gap at KS
12/06/08	68729	12:12:38 - 12:13:47	gap at KS
12/06/08	68730	13:51:32 - 13:52:44	gap at KS
12/06/08	68731	15:29:40 - 15:31:04	gap at KS
12/06/08	68732	17:07:22 - 17:08:33	gap at KS
12/06/08	68733	18:45:33 - 18:46:36	gap at KS
12/06/08	68728	10:46:51 - 10:48:04	gap at MS
12/06/08	68729	12:25:52 - 12:27:09	gap at MS
12/06/08	68734	20:17:34 - 20:18:48	gap at MA
12/06/08	68723	02:19:21 - 02:20:39	gap at BE
12/06/08	68723	02:31:24 - 02:34:09	gap at SG
12/06/08	68724	04:09:58 - 04:11:59	gap at SG
12/06/08	68730	15:05:07 - 15:06:12	gap at SG
13/06/08	68736	00:40:56 - 00:51:47	gap at MM
13/06/08	68737	01:48:43 - 01:59:44	gap at BE
13/06/08	68738	02:56:44 - 03:09:34	gap at MI
13/06/08	68738	03:38:16 - 03:52:04	gap at SG
13/06/08	68739	04:37:18 - 04:47:49	gap at MI
13/06/08	68740	07:30:12 - 07:37:55	gap at MM
13/06/08	68741	09:10:41 - 09:20:44	gap at MM
13/06/08	68743	11:51:59 - 11:57:05	gap at MA
13/06/08	68745	14:44:14 - 14:57:07	gap at BE
13/06/08	68745	15:49:59 - 16:02:35	gap at MM
13/06/08	68745	15:16:58 - 15:29:21	gap at MI
13/06/08	68746	16:56:30 - 17:08:04	gap at MI
13/06/08	68747	19:08:20 - 19:20:59	gap at MM
13/06/08	68749	22:27:52 - 22:40:17	gap at MM
13/06/08	68750	23:57:58 - 00:12:29	gap at HO
13/06/08	68741	08:22:18 - 08:23:22	gap at KS
13/06/08	68742	10:01:55 - 10:03:04	gap at KS
13/06/08	68743	11:41:26 - 11:42:37	gap at KS
13/06/08	68744	13:20:31 - 13:21:38	gap at KS
13/06/08	68745	14:59:05 - 15:00:20	gap at KS
13/06/08	68746	16:36:42 - 16:37:55	gap at KS
13/06/08	68747	18:14:35 - 18:15:58	gap at KS
13/06/08	68742	10:16:43 - 10:17:58	gap at MS
13/06/08	68743	11:54:16 - 11:55:33	gap at MS

13/06/08	68748	19:47:03 - 19:48:21	gap at MA
13/06/08	68749	21:26:04 - 21:27:35	gap at MA
13/06/08	68744	14:10:32 - 14:18:13	gap at MM
13/06/08	68744	14:18:17 - 14:23:16	gap at MM
13/06/08	68746	17:29:12 - 17:30:30	gap at MM
13/06/08	68738	03:27:20 - 03:28:34	gap at BE
13/06/08	68737	02:04:08 - 02:09:37	gap at SG
13/06/08	68744	14:34:46 - 14:36:55	gap at SG
13/06/08	68745	16:13:41 - 16:14:57	gap at SG
14/06/08	68750	00:08:57 - 00:20:18	gap at MM
14/06/08	68752	02:56:02 - 03:09:26	gap at BE
14/06/08	68752	02:26:35 - 02:37:42	gap at MI
14/06/08	68753	04:36:28 - 04:46:25	gap at BE
14/06/08	68753	04:04:52 - 04:17:32	gap at MI
14/06/08	68754	06:58:30 - 07:05:30	gap at MM
14/06/08	68755	08:39:09 - 08:48:30	gap at MM
14/06/08	68755	08:01:42 - 08:10:09	gap at MA
14/06/08	68757	11:59:26 - 12:11:49	gap at MM
14/06/08	68757	11:19:35 - 11:28:08	gap at MA
14/06/08	68758	13:39:14 - 13:51:57	gap at MM
14/06/08	68759	14:12:39 - 14:26:04	gap at BE
14/06/08	68759	15:18:46 - 15:31:25	gap at MM
14/06/08	68759	14:46:51 - 14:56:43	gap at MI
14/06/08	68760	15:55:42 - 16:03:16	gap at BE
14/06/08	68760	16:58:02 - 17:10:34	gap at MM
14/06/08	68760	16:24:45 - 16:37:46	gap at MI
14/06/08	68760	16:27:25 - 16:39:50	gap at CM
14/06/08	68761	18:37:10 - 18:49:46	gap at MM
14/06/08	68762	19:19:03 - 19:27:39	gap at MA
14/06/08	68763	21:56:19 - 22:08:54	gap at MM
14/06/08	68764	23:37:04 - 23:48:51	gap at MM
14/06/08	68764	22:39:11 - 22:45:05	gap at MA
14/06/08	68755	07:51:01 - 07:52:05	gap at KS
14/06/08	68756	09:30:36 - 09:31:44	gap at KS
14/06/08	68757	11:10:11 - 11:11:20	gap at KS
14/06/08	68758	12:49:27 - 12:50:34	gap at KS
14/06/08	68759	14:28:14 - 14:29:26	gap at KS
14/06/08	68760	16:05:58 - 16:07:08	gap at KS
14/06/08	68761	17:43:53 - 17:45:06	gap at KS
14/06/08	68757	11:23:09 - 11:24:25	gap at MS
14/06/08	68758	13:03:45 - 13:05:03	gap at MS
14/06/08	68764	22:32:45 - 22:34:00	gap at MS
14/06/08	68763	20:54:15 - 20:55:39	gap at MA
14/06/08	68752	03:07:12 - 03:13:19	gap at SG
14/06/08	68753	04:48:36 - 04:51:15	gap at SG
14/06/08	68758	14:08:30 - 14:13:47	gap at SG
15/06/08	68766	02:24:58 - 02:37:52	gap at BE
15/06/08	68766	01:57:32 - 02:05:02	gap at MI

15/06/08	68766	03:32:40 - 03:44:24	gap at CM
15/06/08	68767	04:04:36 - 04:16:33	gap at BE
15/06/08	68767	03:33:16 - 03:46:38	gap at MI
15/06/08	68767	05:13:22 - 05:22:18	gap at CM
15/06/08	68768	06:26:43 - 06:33:06	gap at MM
15/06/08	68768	05:18:28 - 05:21:00	gap at MI
15/06/08	68769	08:07:34 - 08:16:11	gap at MM
15/06/08	68772	13:07:53 - 13:20:34	gap at MM
15/06/08	68773	14:47:31 - 15:00:12	gap at MM
15/06/08	68773	14:19:11 - 14:21:27	gap at MI
15/06/08	68774	15:22:20 - 15:33:23	gap at BE
15/06/08	68774	16:26:52 - 16:39:25	gap at MM
15/06/08	68774	15:53:25 - 16:06:47	gap at MI
15/06/08	68774	15:56:31 - 16:08:20	gap at CM
15/06/08	68775	18:06:01 - 18:18:34	gap at MM
15/06/08	68775	17:34:59 - 17:42:34	gap at MI
15/06/08	68775	17:36:57 - 17:45:51	gap at CM
15/06/08	68776	18:50:20 - 18:54:34	gap at MA
15/06/08	68777	21:24:51 - 21:37:32	gap at MM
15/06/08	68777	20:23:10 - 20:36:57	gap at MA
15/06/08	68778	23:05:17 - 23:17:25	gap at MM
15/06/08	68770	08:59:17 - 09:00:23	gap at KS
15/06/08	68771	10:38:54 - 10:40:05	gap at KS
15/06/08	68772	12:18:18 - 12:19:28	gap at KS
15/06/08	68773	13:57:12 - 13:58:25	gap at KS
15/06/08	68774	15:35:15 - 15:36:36	gap at KS
15/06/08	68775	17:13:03 - 17:14:16	gap at KS
15/06/08	68766	01:59:24 - 02:00:33	gap at GS
15/06/08	68765	00:12:59 - 00:14:25	gap at MS
15/06/08	68771	10:52:20 - 10:53:33	gap at MS
15/06/08	68772	12:31:36 - 12:32:55	gap at MS
15/06/08	68766	02:36:50 - 02:39:12	gap at SG
15/06/08	68766	02:45:36 - 02:48:54	gap at SG
15/06/08	68767	04:15:48 - 04:17:52	gap at SG
15/06/08	68767	04:21:40 - 04:28:08	gap at SG
15/06/08	68773	15:10:43 - 15:11:48	gap at SG
16/06/08	68779	00:46:46 - 00:57:31	gap at MM
16/06/08	68780	01:54:15 - 02:05:40	gap at BE
16/06/08	68781	03:33:02 - 03:46:05	gap at BE
16/06/08	68781	03:02:18 - 03:15:18	gap at MI
16/06/08	68781	03:02:46 - 03:12:16	gap at CM
16/06/08	68781	04:40:45 - 04:52:20	gap at CM
16/06/08	68782	04:43:19 - 04:53:13	gap at MI
16/06/08	68785	10:56:35 - 11:08:23	gap at MM
16/06/08	68786	12:36:32 - 12:49:07	gap at MM
16/06/08	68787	14:25:15 - 14:37:34	gap at HO
16/06/08	68787	14:16:14 - 14:28:57	gap at MM
16/06/08	68787	14:40:14 - 14:52:39	gap at SG

16/06/08	68788	14:50:02 - 15:02:44	gap at BE
16/06/08	68788	15:55:40 - 16:08:15	gap at MM
16/06/08	68788	15:22:32 - 15:35:10	gap at MI
16/06/08	68788	16:19:34 - 16:31:32	gap at SG
16/06/08	68788	15:26:21 - 15:35:56	gap at CM
16/06/08	68789	17:34:52 - 17:47:23	gap at MM
16/06/08	68789	17:02:20 - 17:13:29	gap at MI
16/06/08	68789	17:04:40 - 17:16:08	gap at CM
16/06/08	68790	19:14:01 - 19:26:40	gap at MM
16/06/08	68791	20:53:28 - 21:06:12	gap at MM
16/06/08	68791	19:52:34 - 20:05:33	gap at MA
16/06/08	68792	22:26:09 - 22:38:14	gap at HO
16/06/08	68792	22:33:37 - 22:46:00	gap at MM
16/06/08	68784	08:27:59 - 08:29:05	gap at KS
16/06/08	68785	10:07:37 - 10:08:45	gap at KS
16/06/08	68786	11:47:06 - 11:48:20	gap at KS
16/06/08	68787	13:26:10 - 13:27:17	gap at KS
16/06/08	68788	15:04:40 - 15:06:00	gap at KS
16/06/08	68789	16:42:16 - 16:43:29	gap at KS
16/06/08	68790	18:20:12 - 18:21:27	gap at KS
16/06/08	68785	10:22:09 - 10:23:25	gap at MS
16/06/08	68786	12:00:02 - 12:01:15	gap at MS
16/06/08	68792	21:31:52 - 21:33:22	gap at MA
17/06/08	68793	00:14:45 - 00:26:02	gap at MM
17/06/08	68795	03:01:42 - 03:15:07	gap at BE
17/06/08	68795	02:32:00 - 02:43:32	gap at MI
17/06/08	68795	03:12:48 - 03:26:33	gap at SG
17/06/08	68796	04:42:19 - 04:51:45	gap at BE
17/06/08	68796	05:22:46 - 05:28:32	gap at MM
17/06/08	68796	04:10:42 - 04:23:06	gap at MI
17/06/08	68796	04:16:47 - 04:28:17	gap at GS
17/06/08	68797	07:04:16 - 07:11:24	gap at MM
17/06/08	68797	05:59:04 - 06:11:39	gap at PS
17/06/08	68798	08:44:53 - 08:54:22	gap at MM
17/06/08	68798	08:06:33 - 08:16:14	gap at MA
17/06/08	68799	10:25:08 - 10:36:30	gap at MM
17/06/08	68800	12:05:08 - 12:17:34	gap at MM
17/06/08	68800	11:25:28 - 11:33:40	gap at MA
17/06/08	68800	11:28:48 - 11:42:04	gap at MS
17/06/08	68801	13:44:55 - 13:57:39	gap at MM
17/06/08	68801	14:10:46 - 14:19:55	gap at SG
17/06/08	68802	14:18:21 - 14:31:44	gap at BE
17/06/08	68802	14:52:15 - 15:02:44	gap at MI
17/06/08	68802	15:47:36 - 16:01:12	gap at SG
17/06/08	68802	14:58:35 - 15:01:02	gap at CM
17/06/08	68803	16:02:00 - 16:08:31	gap at BE
17/06/08	68803	16:30:29 - 16:43:20	gap at MI
17/06/08	68803	16:33:06 - 16:45:30	gap at CM

17/06/08	68805	19:24:22 - 19:33:29	gap at MA
17/06/08	68806	21:56:39 - 22:06:24	gap at HO
17/06/08	68806	22:02:03 - 22:14:36	gap at MM
17/06/08	68806	21:00:04 - 21:13:37	gap at MA
17/06/08	68807	23:32:31 - 23:46:53	gap at HO
17/06/08	68807	23:42:51 - 23:54:34	gap at MM
17/06/08	68807	22:45:40 - 22:50:13	gap at MA
17/06/08	68798	07:56:42 - 07:57:48	gap at KS
17/06/08	68799	09:36:18 - 09:37:26	gap at KS
17/06/08	68800	11:15:52 - 11:17:03	gap at KS
17/06/08	68801	12:55:06 - 12:56:14	gap at KS
17/06/08	68802	14:33:51 - 14:35:04	gap at KS
17/06/08	68803	16:11:32 - 16:12:45	gap at KS
17/06/08	68804	17:49:27 - 17:50:49	gap at KS
17/06/08	68801	13:09:38 - 13:10:50	gap at MS
17/06/08	68799	09:57:01 - 09:58:02	gap at MA
17/06/08	68804	18:42:50 - 18:43:50	gap at MM
18/06/08	68808	01:24:44 - 01:34:45	gap at MM
18/06/08	68809	02:02:41 - 02:11:05	gap at MI
18/06/08	68810	04:10:23 - 04:22:02	gap at BE
18/06/08	68810	03:38:58 - 03:52:17	gap at MI
18/06/08	68814	11:33:44 - 11:45:55	gap at MM
18/06/08	68815	13:13:35 - 13:26:17	gap at MM
18/06/08	68816	15:03:00 - 15:11:56	gap at HO
18/06/08	68816	14:53:12 - 15:05:53	gap at MM
18/06/08	68816	14:23:33 - 14:28:32	gap at MI
18/06/08	68816	15:16:20 - 15:30:09	gap at SG
18/06/08	68817	15:28:18 - 15:38:54	gap at BE
18/06/08	68817	16:32:32 - 16:45:04	gap at MM
18/06/08	68817	15:59:05 - 16:12:28	gap at MI
18/06/08	68817	16:58:57 - 17:05:41	gap at SG
18/06/08	68818	18:11:41 - 18:24:14	gap at MM
18/06/08	68818	17:41:07 - 17:47:37	gap at MI
18/06/08	68818	17:33:20 - 17:44:31	gap at GS
18/06/08	68818	17:42:57 - 17:51:05	gap at CM
18/06/08	68819	19:50:54 - 20:03:36	gap at MM
18/06/08	68819	18:55:53 - 19:00:17	gap at MA
18/06/08	68819	19:11:36 - 19:24:42	gap at PS
18/06/08	68820	21:30:34 - 21:43:14	gap at MM
18/06/08	68820	20:28:47 - 20:42:32	gap at MA
18/06/08	68820	20:36:34 - 20:50:18	gap at KS
18/06/08	68820	20:51:51 - 21:00:24	gap at PS
18/06/08	68821	23:11:04 - 23:23:07	gap at MM
18/06/08	68821	22:08:02 - 22:19:19	gap at MS
18/06/08	68821	22:11:22 - 22:20:55	gap at MA
18/06/08	68821	22:18:24 - 22:29:52	gap at KS
18/06/08	68822	23:46:33 - 23:59:20	gap at MS
18/06/08	68813	09:04:59 - 09:06:08	gap at KS

18/06/08	68814	10:44:36 - 10:45:46	gap at KS
18/06/08	68815	12:23:58 - 12:25:07	gap at KS
18/06/08	68816	14:02:51 - 14:04:05	gap at KS
18/06/08	68817	15:40:50 - 15:42:07	gap at KS
18/06/08	68818	17:18:41 - 17:19:54	gap at KS
18/06/08	68808	00:18:57 - 00:20:36	gap at MS
18/06/08	68814	10:57:45 - 10:59:01	gap at MS
18/06/08	68815	12:37:22 - 12:38:30	gap at MS
18/06/08	68809	02:30:36 - 02:31:55	gap at BE
18/06/08	68809	02:42:17 - 02:43:31	gap at SG
19/06/08	68822	00:52:36 - 01:03:14	gap at MM
19/06/08	68823	01:59:48 - 02:11:35	gap at BE
19/06/08	68824	03:07:53 - 03:21:02	gap at MI
19/06/08	68825	06:00:37 - 06:06:38	gap at MM
19/06/08	68825	04:49:23 - 04:58:34	gap at MI
19/06/08	68828	11:02:18 - 11:14:10	gap at MM
19/06/08	68829	12:42:14 - 12:54:50	gap at MM
19/06/08	68831	14:55:51 - 15:08:21	gap at BE
19/06/08	68831	15:28:07 - 15:40:58	gap at MI
19/06/08	68832	17:40:31 - 17:53:03	gap at MM
19/06/08	68832	17:08:12 - 17:18:52	gap at MI
19/06/08	68832	17:10:28 - 17:21:37	gap at CM
19/06/08	68833	19:19:41 - 19:32:20	gap at MM
19/06/08	68835	22:39:22 - 22:51:42	gap at MM
19/06/08	68835	21:37:41 - 21:50:26	gap at MA
19/06/08	68827	08:33:40 - 08:34:48	gap at KS
19/06/08	68828	10:13:18 - 10:14:29	gap at KS
19/06/08	68829	11:52:47 - 11:53:59	gap at KS
19/06/08	68830	13:31:48 - 13:32:57	gap at KS
19/06/08	68831	15:10:13 - 15:11:39	gap at KS
19/06/08	68832	16:47:50 - 16:49:09	gap at KS
19/06/08	68833	18:25:49 - 18:27:00	gap at KS
19/06/08	68828	10:27:38 - 10:28:56	gap at MS
19/06/08	68829	12:05:46 - 12:06:55	gap at MS
19/06/08	68836	23:14:55 - 23:16:42	gap at MS
19/06/08	68834	19:58:05 - 19:59:25	gap at MA
19/06/08	68824	03:38:46 - 03:40:08	gap at BE
19/06/08	68824	03:49:43 - 03:53:35	gap at SG
19/06/08	68830	14:45:43 - 14:49:00	gap at SG
20/06/08	68837	02:02:50 - 02:12:02	gap at MM
20/06/08	68838	02:37:27 - 02:49:21	gap at MI
20/06/08	68838	02:39:34 - 02:44:54	gap at CM
20/06/08	68838	04:14:49 - 04:27:11	gap at CM
20/06/08	68839	04:48:11 - 04:57:04	gap at BE
20/06/08	68839	04:16:33 - 04:28:38	gap at MI
20/06/08	68841	08:11:57 - 08:22:16	gap at MA
20/06/08	68842	10:30:51 - 10:42:18	gap at MM
20/06/08	68843	12:10:51 - 12:23:18	gap at MM

20/06/08	68843	11:31:18 - 11:39:02	gap at MA
20/06/08	68845	14:24:04 - 14:37:23	gap at BE
20/06/08	68845	14:57:42 - 15:08:43	gap at MI
20/06/08	68845	15:03:02 - 15:08:00	gap at CM
20/06/08	68846	16:36:14 - 16:48:52	gap at MI
20/06/08	68846	16:38:48 - 16:51:07	gap at CM
20/06/08	68847	18:48:30 - 19:01:07	gap at MM
20/06/08	68848	19:27:53 - 19:39:19	gap at MA
20/06/08	68849	22:07:47 - 22:20:19	gap at MM
20/06/08	68849	21:05:56 - 21:19:16	gap at MA
20/06/08	68850	23:38:11 - 23:52:34	gap at HO
20/06/08	68841	08:02:23 - 08:03:32	gap at KS
20/06/08	68842	09:42:00 - 09:43:07	gap at KS
20/06/08	68843	11:21:33 - 11:22:47	gap at KS
20/06/08	68844	13:00:45 - 13:01:55	gap at KS
20/06/08	68845	14:39:28 - 14:40:42	gap at KS
20/06/08	68846	16:17:09 - 16:18:22	gap at KS
20/06/08	68847	17:55:00 - 17:56:28	gap at KS
20/06/08	68843	11:34:30 - 11:35:48	gap at MS
20/06/08	68844	13:15:33 - 13:16:44	gap at MS
20/06/08	68838	03:07:23 - 03:10:41	gap at BE
20/06/08	68838	03:18:25 - 03:19:57	gap at SG
20/06/08	68845	15:53:22 - 15:54:47	gap at SG
21/06/08	68851	01:30:35 - 01:40:29	gap at MM
21/06/08	68851	00:35:33 - 00:42:46	gap at GS
21/06/08	68852	02:36:14 - 02:49:24	gap at BE
21/06/08	68852	02:07:55 - 02:17:04	gap at MI
21/06/08	68852	02:47:47 - 03:00:36	gap at SG
21/06/08	68852	03:43:47 - 03:55:54	gap at CM
21/06/08	68853	04:16:09 - 04:27:29	gap at BE
21/06/08	68853	03:44:41 - 03:57:55	gap at MI
21/06/08	68853	04:27:34 - 04:39:00	gap at SG
21/06/08	68854	05:52:41 - 05:56:43	gap at KS
21/06/08	68854	05:25:39 - 05:32:48	gap at CM
21/06/08	68855	08:19:03 - 08:27:57	gap at MM
21/06/08	68856	09:59:22 - 10:10:21	gap at MM
21/06/08	68857	11:39:27 - 11:51:41	gap at MM
21/06/08	68858	13:19:17 - 13:32:00	gap at MM
21/06/08	68859	14:28:29 - 14:35:04	gap at MI
21/06/08	68859	15:21:58 - 15:35:51	gap at SG
21/06/08	68860	15:34:18 - 15:44:23	gap at BE
21/06/08	68860	16:38:12 - 16:50:44	gap at MM
21/06/08	68860	16:04:46 - 16:18:08	gap at MI
21/06/08	68860	16:07:41 - 16:19:53	gap at CM
21/06/08	68861	18:17:20 - 18:29:54	gap at MM
21/06/08	68861	17:47:23 - 17:52:32	gap at MI
21/06/08	68861	17:49:02 - 17:56:15	gap at CM
21/06/08	68863	21:36:17 - 21:48:56	gap at MM

21/06/08	68863	20:34:25 - 20:48:06	gap at MA
21/06/08	68856	09:10:41 - 09:11:49	gap at KS
21/06/08	68857	10:50:17 - 10:51:28	gap at KS
21/06/08	68858	12:29:38 - 12:30:47	gap at KS
21/06/08	68859	14:08:31 - 14:09:44	gap at KS
21/06/08	68860	15:46:25 - 15:47:38	gap at KS
21/06/08	68861	17:24:18 - 17:25:32	gap at KS
21/06/08	68851	00:24:58 - 00:26:33	gap at MS
21/06/08	68857	11:03:28 - 11:04:40	gap at MS
21/06/08	68858	12:43:10 - 12:44:24	gap at MS
21/06/08	68862	19:00:51 - 19:03:22	gap at MA
22/06/08	68865	00:58:26 - 01:08:58	gap at MM
22/06/08	68865	00:09:39 - 00:14:06	gap at KS
22/06/08	68866	02:05:22 - 02:17:27	gap at BE
22/06/08	68867	03:44:30 - 03:57:14	gap at BE
22/06/08	68867	03:13:29 - 03:26:45	gap at MI
22/06/08	68867	03:13:31 - 03:24:03	gap at CM
22/06/08	68867	04:52:28 - 05:03:21	gap at CM
22/06/08	68868	04:55:32 - 05:03:52	gap at MI
22/06/08	68870	09:27:52 - 09:38:16	gap at MM
22/06/08	68871	11:08:01 - 11:19:57	gap at MM
22/06/08	68872	12:56:33 - 13:11:22	gap at HO
22/06/08	68872	12:47:56 - 13:00:34	gap at MM
22/06/08	68873	14:36:49 - 14:48:20	gap at HO
22/06/08	68874	15:01:41 - 15:13:56	gap at BE
22/06/08	68874	15:33:42 - 15:46:45	gap at MI
22/06/08	68874	16:31:25 - 16:42:19	gap at SG
22/06/08	68874	15:37:12 - 15:47:51	gap at CM
22/06/08	68875	17:46:11 - 17:58:43	gap at MM
22/06/08	68875	17:14:05 - 17:24:13	gap at MI
22/06/08	68875	17:16:18 - 17:27:04	gap at CM
22/06/08	68876	19:25:21 - 19:38:01	gap at MM
22/06/08	68877	21:04:52 - 21:17:35	gap at MM
22/06/08	68870	08:39:22 - 08:40:30	gap at KS
22/06/08	68871	10:19:00 - 10:20:10	gap at KS
22/06/08	68872	11:58:27 - 11:59:40	gap at KS
22/06/08	68873	13:37:27 - 13:38:36	gap at KS
22/06/08	68874	15:15:45 - 15:17:16	gap at KS
22/06/08	68875	16:53:24 - 16:54:42	gap at KS
22/06/08	68876	18:31:27 - 18:32:38	gap at KS
22/06/08	68871	10:33:07 - 10:34:23	gap at MS
22/06/08	68872	12:11:30 - 12:12:48	gap at MS
22/06/08	68877	20:03:38 - 20:04:54	gap at MA
22/06/08	68878	21:43:49 - 21:45:12	gap at MA
22/06/08	68866	02:18:02 - 02:19:26	gap at SG
22/06/08	68867	03:55:28 - 03:58:33	gap at SG
22/06/08	68873	14:51:13 - 14:52:20	gap at SG
22/06/08	68873	14:55:08 - 15:04:18	gap at SG

23/06/08	68880	02:08:43 - 02:17:46	gap at MM
23/06/08	68881	03:13:04 - 03:26:26	gap at BE
23/06/08	68881	03:51:46 - 03:58:30	gap at MM
23/06/08	68881	02:42:56 - 02:55:09	gap at MI
23/06/08	68881	02:44:32 - 02:51:09	gap at CM
23/06/08	68881	04:20:32 - 04:32:48	gap at CM
23/06/08	68882	04:54:04 - 05:02:21	gap at BE
23/06/08	68882	04:22:26 - 04:34:09	gap at MI
23/06/08	68884	08:17:23 - 08:28:16	gap at MA
23/06/08	68885	10:36:34 - 10:48:06	gap at MM
23/06/08	68886	12:16:33 - 12:29:03	gap at MM
23/06/08	68886	11:37:06 - 11:44:17	gap at MA
23/06/08	68888	14:29:48 - 14:43:02	gap at BE
23/06/08	68888	15:03:10 - 15:14:39	gap at MI
23/06/08	68888	15:07:58 - 15:14:27	gap at CM
23/06/08	68889	17:15:02 - 17:27:33	gap at MM
23/06/08	68889	16:42:00 - 16:54:23	gap at MI
23/06/08	68889	16:44:31 - 16:56:43	gap at CM
23/06/08	68890	18:54:10 - 19:06:47	gap at MM
23/06/08	68891	19:33:20 - 19:45:07	gap at MA
23/06/08	68893	23:43:52 - 23:58:16	gap at HO
23/06/08	68884	08:08:04 - 08:09:15	gap at KS
23/06/08	68885	09:47:41 - 09:48:50	gap at KS
23/06/08	68886	11:27:14 - 11:28:28	gap at KS
23/06/08	68887	13:06:24 - 13:07:33	gap at KS
23/06/08	68888	14:45:06 - 14:46:19	gap at KS
23/06/08	68889	16:22:45 - 16:24:00	gap at KS
23/06/08	68890	18:00:34 - 18:02:05	gap at KS
23/06/08	68882	04:29:42 - 04:39:21	gap at GS
23/06/08	68890	18:16:57 - 18:19:56	gap at GS
23/06/08	68886	11:40:10 - 11:41:26	gap at MS
23/06/08	68887	13:21:33 - 13:22:47	gap at MS
23/06/08	68892	21:11:40 - 21:13:04	gap at MA
23/06/08	68888	15:59:08 - 16:00:32	gap at SG
24/06/08	68894	01:36:27 - 01:46:13	gap at MM
24/06/08	68895	02:41:53 - 02:55:09	gap at BE
24/06/08	68895	03:19:21 - 03:26:46	gap at MM
24/06/08	68895	02:13:12 - 02:23:00	gap at MI
24/06/08	68896	04:21:57 - 04:32:55	gap at BE
24/06/08	68896	03:50:25 - 04:03:33	gap at MI
24/06/08	68897	05:58:10 - 06:02:58	gap at KS
24/06/08	68899	10:05:06 - 10:16:10	gap at MM
24/06/08	68900	11:45:09 - 11:57:26	gap at MM
24/06/08	68902	13:58:29 - 14:11:52	gap at BE
24/06/08	68902	15:04:34 - 15:17:14	gap at MM
24/06/08	68902	14:33:37 - 14:41:23	gap at MI
24/06/08	68903	15:40:21 - 15:49:50	gap at BE
24/06/08	68903	16:43:52 - 16:56:24	gap at MM

24/06/08	68904	18:23:00 - 18:35:35	gap at MM
24/06/08	68904	17:53:58 - 17:57:06	gap at MI
24/06/08	68904	17:55:12 - 18:01:18	gap at CM
24/06/08	68905	20:02:15 - 20:14:58	gap at MM
24/06/08	68905	19:05:58 - 19:12:57	gap at MA
24/06/08	68905	19:08:09 - 19:22:04	gap at KS
24/06/08	68905	19:23:01 - 19:35:49	gap at PS
24/06/08	68906	21:42:00 - 21:54:38	gap at MM
24/06/08	68906	20:40:04 - 20:53:45	gap at MA
24/06/08	68906	20:48:06 - 21:01:41	gap at KS
24/06/08	68906	21:03:23 - 21:11:07	gap at PS
24/06/08	68907	23:12:57 - 23:26:55	gap at HO
24/06/08	68907	23:22:37 - 23:34:33	gap at MM
24/06/08	68907	22:18:57 - 22:31:03	gap at MS
24/06/08	68907	22:23:31 - 22:31:48	gap at MA
24/06/08	68907	22:30:12 - 22:41:14	gap at KS
24/06/08	68908	23:58:14 - 00:10:28	gap at MS
24/06/08	68899	09:16:22 - 09:17:31	gap at KS
24/06/08	68900	10:55:58 - 10:57:09	gap at KS
24/06/08	68901	12:35:18 - 12:36:26	gap at KS
24/06/08	68902	14:14:09 - 14:15:23	gap at KS
24/06/08	68903	15:52:00 - 15:53:13	gap at KS
24/06/08	68904	17:29:55 - 17:31:09	gap at KS
24/06/08	68900	11:09:05 - 11:10:21	gap at MS
24/06/08	68901	12:49:04 - 12:50:18	gap at MS
24/06/08	68903	16:10:27 - 16:11:52	gap at MI
24/06/08	68895	02:53:18 - 02:54:32	gap at SG
24/06/08	68902	15:27:38 - 15:28:44	gap at SG
24/06/08	68903	16:13:18 - 16:14:59	gap at CM
25/06/08	68914	10:24:41 - 10:25:52	gap at KS
25/06/08	68915	12:04:08 - 12:05:18	gap at KS
25/06/08	68916	13:43:05 - 13:44:17	gap at KS
25/06/08	68917	15:21:17 - 15:22:49	gap at KS
25/06/08	68918	16:58:59 - 17:00:17	gap at KS
25/06/08	68919	18:37:05 - 18:38:14	gap at KS
25/06/08	68920	20:09:12 - 20:10:33	gap at MA
26/06/08	68927	08:13:45 - 08:14:52	gap at KS
26/06/08	68928	09:53:23 - 09:54:33	gap at KS
26/06/08	68929	11:32:55 - 11:34:09	gap at KS
26/06/08	68930	13:12:03 - 13:13:12	gap at KS
26/06/08	68931	14:50:43 - 14:51:58	gap at KS
26/06/08	68932	16:28:22 - 16:29:36	gap at KS
26/06/08	68933	18:06:09 - 18:07:35	gap at KS
26/06/08	68935	21:17:25 - 21:18:53	gap at MA
27/06/08	68936	23:49:30 - 00:03:57	gap at HO
27/06/08	68936	00:00:14 - 00:11:43	gap at MM
27/06/08	68937	01:30:34 - 01:42:23	gap at HO
27/06/08	68937	01:42:18 - 01:51:57	gap at MM

27/06/08	68937	00:37:08 - 00:46:10	gap at MS
27/06/08	68937	00:46:03 - 00:54:31	gap at GS
27/06/08	68938	03:25:14 - 03:32:32	gap at MM
27/06/08	68938	02:22:54 - 02:35:20	gap at GS
27/06/08	68938	03:54:59 - 04:07:20	gap at CM
27/06/08	68939	04:27:45 - 04:38:20	gap at BE
27/06/08	68939	05:08:09 - 05:13:56	gap at MM
27/06/08	68939	04:02:00 - 04:14:21	gap at GS
27/06/08	68940	06:49:50 - 06:56:40	gap at MM
27/06/08	68940	05:44:28 - 05:57:33	gap at PS
27/06/08	68940	06:03:42 - 06:09:09	gap at KS
27/06/08	68940	05:38:35 - 05:42:40	gap at CM
27/06/08	68941	08:30:32 - 08:39:42	gap at MM
27/06/08	68941	07:42:29 - 07:54:04	gap at KS
27/06/08	68941	07:52:55 - 07:59:48	gap at MA
27/06/08	68942	10:10:49 - 10:21:59	gap at MM
27/06/08	68942	09:22:04 - 09:35:49	gap at KS
27/06/08	68942	09:30:11 - 09:43:48	gap at MA
27/06/08	68943	12:00:13 - 12:13:34	gap at HO
27/06/08	68943	11:50:52 - 12:03:11	gap at MM
27/06/08	68943	11:01:39 - 11:15:30	gap at KS
27/06/08	68943	11:10:48 - 11:20:04	gap at MA
27/06/08	68943	11:14:42 - 11:27:43	gap at MS
27/06/08	68944	13:39:14 - 13:53:43	gap at HO
27/06/08	68944	13:30:41 - 13:43:24	gap at MM
27/06/08	68944	12:40:57 - 12:53:46	gap at KS
27/06/08	68944	12:54:54 - 13:05:27	gap at MS
27/06/08	68945	14:04:08 - 14:17:33	gap at BE
27/06/08	68945	15:20:34 - 15:28:10	gap at HO
27/06/08	68945	15:10:15 - 15:22:54	gap at MM
27/06/08	68945	14:31:40 - 14:42:40	gap at GS
27/06/08	68946	15:46:27 - 15:55:15	gap at BE
27/06/08	68946	16:49:32 - 17:02:04	gap at MM
27/06/08	68946	16:16:10 - 16:29:23	gap at MI
27/06/08	68946	16:10:16 - 16:24:09	gap at GS
27/06/08	68946	16:18:56 - 16:31:19	gap at CM
27/06/08	68947	17:50:41 - 18:00:43	gap at GS
27/06/08	68948	20:07:56 - 20:20:40	gap at MM
27/06/08	68948	19:11:09 - 19:18:51	gap at MA
27/06/08	68948	19:28:44 - 19:41:21	gap at PS
27/06/08	68949	21:47:44 - 22:00:21	gap at MM
27/06/08	68949	20:45:44 - 20:59:26	gap at MA
27/06/08	68949	21:09:09 - 21:16:26	gap at PS
27/06/08	68950	23:18:30 - 23:32:38	gap at HO
27/06/08	68950	23:28:23 - 23:40:16	gap at MM
27/06/08	68950	22:24:27 - 22:36:47	gap at MS
27/06/08	68945	14:19:47 - 14:21:02	gap at KS
27/06/08	68946	15:57:35 - 15:58:47	gap at KS

27/06/08	68947	17:35:30 - 17:36:43	gap at KS
27/06/08	68950	22:29:42 - 22:30:45	gap at MA
27/06/08	68939	03:56:11 - 03:57:58	gap at MI
27/06/08	68947	18:28:40 - 18:29:48	gap at MM
27/06/08	68938	02:47:32 - 02:48:52	gap at BE
27/06/08	68938	02:58:50 - 03:04:11	gap at SG
27/06/08	68945	15:33:19 - 15:34:38	gap at SG
27/06/08	68947	18:01:33 - 18:02:39	gap at CM
28/06/08	68951	00:58:16 - 01:11:47	gap at HO
28/06/08	68951	01:10:07 - 01:20:25	gap at MM
28/06/08	68951	00:22:22 - 00:24:51	gap at KS
28/06/08	68952	02:16:33 - 02:29:09	gap at BE
28/06/08	68952	02:52:50 - 03:00:52	gap at MM
28/06/08	68952	01:51:06 - 02:03:52	gap at GS
28/06/08	68953	03:55:58 - 04:08:18	gap at BE
28/06/08	68953	04:35:54 - 04:41:56	gap at MM
28/06/08	68953	03:29:57 - 03:43:27	gap at GS
28/06/08	68953	03:24:25 - 03:35:43	gap at CM
28/06/08	68953	05:04:20 - 05:14:15	gap at CM
28/06/08	68954	06:18:01 - 06:24:16	gap at MM
28/06/08	68954	05:08:10 - 05:14:07	gap at MI
28/06/08	68954	05:12:40 - 05:26:26	gap at PS
28/06/08	68955	07:58:57 - 08:07:22	gap at MM
28/06/08	68955	06:55:41 - 07:04:38	gap at PS
28/06/08	68956	09:39:20 - 09:49:57	gap at MM
28/06/08	68956	08:59:58 - 09:12:24	gap at MA
28/06/08	68957	11:19:27 - 11:31:30	gap at MM
28/06/08	68957	10:38:23 - 10:50:09	gap at MA
28/06/08	68958	12:59:20 - 13:12:00	gap at MM
28/06/08	68959	14:48:25 - 14:58:21	gap at HO
28/06/08	68959	14:38:59 - 14:51:41	gap at MM
28/06/08	68959	14:01:36 - 14:09:31	gap at GS
28/06/08	68959	15:02:19 - 15:15:51	gap at SG
28/06/08	68960	15:13:27 - 15:25:05	gap at BE
28/06/08	68960	16:18:21 - 16:30:55	gap at MM
28/06/08	68960	15:39:02 - 15:52:52	gap at GS
28/06/08	68960	15:48:12 - 15:59:36	gap at CM
28/06/08	68961	17:57:31 - 18:10:04	gap at MM
28/06/08	68961	17:18:55 - 17:30:53	gap at GS
28/06/08	68961	17:28:03 - 17:37:52	gap at CM
28/06/08	68962	19:36:42 - 19:49:23	gap at MM
28/06/08	68963	21:16:17 - 21:28:59	gap at MM
28/06/08	68963	20:14:47 - 20:28:33	gap at MA
28/06/08	68964	22:48:03 - 23:01:09	gap at HO
28/06/08	68964	22:56:39 - 23:08:50	gap at MM
28/06/08	68956	08:50:45 - 08:51:53	gap at KS
28/06/08	68957	10:30:22 - 10:31:33	gap at KS
28/06/08	68958	12:09:48 - 12:10:58	gap at KS

28/06/08	68959	13:48:43 - 13:49:57	gap at KS
28/06/08	68960	15:26:52 - 15:28:21	gap at KS
28/06/08	68961	17:04:34 - 17:05:49	gap at KS
28/06/08	68962	18:42:44 - 18:43:50	gap at KS
28/06/08	68957	10:44:06 - 10:45:23	gap at MS
28/06/08	68958	12:23:00 - 12:24:19	gap at MS
28/06/08	68965	23:32:05 - 23:33:09	gap at MS
28/06/08	68964	21:55:51 - 21:57:09	gap at MA
28/06/08	68953	03:24:45 - 03:26:24	gap at MI
28/06/08	68959	15:02:19 - 15:03:20	gap at SG
29/06/08	68965	00:26:14 - 00:40:52	gap at HO
29/06/08	68965	00:38:01 - 00:48:55	gap at MM
29/06/08	68966	01:45:58 - 01:56:45	gap at BE
29/06/08	68966	02:20:28 - 02:29:15	gap at MM
29/06/08	68967	03:24:28 - 03:37:42	gap at BE
29/06/08	68967	04:03:32 - 04:10:04	gap at MM
29/06/08	68967	02:53:58 - 03:06:41	gap at MI
29/06/08	68967	03:35:25 - 03:49:16	gap at SG
29/06/08	68967	02:54:50 - 03:03:19	gap at CM
29/06/08	68967	04:32:03 - 04:44:00	gap at CM
29/06/08	68968	05:46:05 - 05:51:58	gap at MM
29/06/08	68968	04:34:18 - 04:45:06	gap at MI
29/06/08	68968	04:40:49 - 04:50:20	gap at GS
29/06/08	68969	07:27:19 - 07:34:58	gap at MM
29/06/08	68969	06:22:39 - 06:34:06	gap at PS
29/06/08	68969	06:40:08 - 06:48:33	gap at KS
29/06/08	68970	09:07:49 - 09:17:48	gap at MM
29/06/08	68970	08:28:21 - 08:40:10	gap at MA
29/06/08	68971	10:48:00 - 10:59:42	gap at MM
29/06/08	68971	10:07:08 - 10:20:05	gap at MA
29/06/08	68972	12:27:58 - 12:40:31	gap at MM
29/06/08	68972	11:48:56 - 11:54:34	gap at MA
29/06/08	68973	14:16:36 - 14:29:24	gap at HO
29/06/08	68973	14:07:42 - 14:20:25	gap at MM
29/06/08	68973	14:32:04 - 14:43:51	gap at SG
29/06/08	68974	14:41:20 - 14:54:19	gap at BE
29/06/08	68974	15:47:09 - 15:59:45	gap at MM
29/06/08	68974	15:14:12 - 15:26:25	gap at MI
29/06/08	68974	16:10:46 - 16:23:21	gap at SG
29/06/08	68974	15:18:21 - 15:26:52	gap at CM
29/06/08	68975	17:26:22 - 17:38:53	gap at MM
29/06/08	68975	16:53:36 - 17:05:21	gap at MI
29/06/08	68975	16:56:00 - 17:07:51	gap at CM
29/06/08	68976	19:05:30 - 19:18:09	gap at MM
29/06/08	68977	20:44:55 - 20:57:39	gap at MM
29/06/08	68977	19:44:18 - 19:56:44	gap at MA
29/06/08	68978	22:18:01 - 22:29:37	gap at HO
29/06/08	68978	22:25:00 - 22:37:26	gap at MM

29/06/08	68978	21:23:11 - 21:36:21	gap at MA
29/06/08	68979	23:55:08 - 00:09:38	gap at HO
29/06/08	68970	08:19:27 - 08:20:35	gap at KS
29/06/08	68971	09:59:04 - 10:00:15	gap at KS
29/06/08	68972	11:38:35 - 11:39:50	gap at KS
29/06/08	68973	13:17:42 - 13:18:52	gap at KS
29/06/08	68974	14:56:18 - 14:57:34	gap at KS
29/06/08	68975	16:33:55 - 16:35:11	gap at KS
29/06/08	68976	18:11:46 - 18:13:09	gap at KS
29/06/08	68971	10:14:00 - 10:15:15	gap at MS
29/06/08	68972	11:51:27 - 11:52:45	gap at MS
30/06/08	68979	23:55:08 - 00:09:38	gap at HO
30/06/08	68979	00:06:03 - 00:17:27	gap at MM
30/06/08	68980	01:36:27 - 01:47:54	gap at HO
30/06/08	68980	01:48:10 - 01:57:41	gap at MM
30/06/08	68981	02:53:12 - 03:06:35	gap at BE
30/06/08	68981	03:31:08 - 03:38:18	gap at MM
30/06/08	68981	02:23:53 - 02:34:47	gap at MI
30/06/08	68981	03:04:24 - 03:17:57	gap at SG
30/06/08	68981	04:00:37 - 04:13:02	gap at CM
30/06/08	68982	04:33:34 - 04:43:43	gap at BE
30/06/08	68982	05:14:00 - 05:19:47	gap at MM
30/06/08	68982	04:01:58 - 04:14:45	gap at MI
30/06/08	68982	04:45:33 - 04:54:56	gap at SG
30/06/08	68983	06:55:37 - 07:02:33	gap at MM
30/06/08	68983	05:50:18 - 06:03:12	gap at PS
30/06/08	68984	08:36:16 - 08:45:34	gap at MM
30/06/08	68984	07:59:07 - 08:07:05	gap at MA
30/06/08	68985	10:16:33 - 10:27:47	gap at MM
30/06/08	68985	09:35:51 - 09:49:30	gap at MA
30/06/08	68986	11:56:35 - 12:08:56	gap at MM
30/06/08	68987	13:36:23 - 13:49:06	gap at MM
30/06/08	68987	14:03:05 - 14:10:40	gap at SG
30/06/08	68988	14:09:49 - 14:23:14	gap at BE
30/06/08	68988	15:15:55 - 15:28:34	gap at MM
30/06/08	68988	14:44:10 - 14:53:41	gap at MI
30/06/08	68988	15:39:01 - 15:52:48	gap at SG
30/06/08	68989	15:52:36 - 16:00:37	gap at BE
30/06/08	68989	16:55:12 - 17:07:44	gap at MM
30/06/08	68989	16:21:53 - 16:34:59	gap at MI
30/06/08	68989	16:24:35 - 16:37:00	gap at CM
30/06/08	68990	18:34:20 - 18:46:55	gap at MM
30/06/08	68990	18:08:27 - 18:10:30	gap at CM
30/06/08	68991	20:13:37 - 20:26:21	gap at MM
30/06/08	68992	21:48:52 - 21:57:36	gap at HO
30/06/08	68992	21:53:27 - 22:06:03	gap at MM
30/06/08	68993	23:24:07 - 23:38:20	gap at HO
30/06/08	68993	23:34:10 - 23:45:59	gap at MM

30/06/08	68993	22:35:59 - 22:42:28	gap at MA
30/06/08	68993	22:42:02 - 22:52:35	gap at KS
30/06/08	68984	07:48:10 - 07:49:16	gap at KS
30/06/08	68985	09:27:46 - 09:28:55	gap at KS
30/06/08	68986	11:07:20 - 11:08:33	gap at KS
30/06/08	68987	12:46:37 - 12:47:47	gap at KS
30/06/08	68988	14:25:25 - 14:26:40	gap at KS
30/06/08	68989	16:03:10 - 16:04:24	gap at KS
30/06/08	68990	17:41:05 - 17:42:20	gap at KS
30/06/08	68986	11:20:20 - 11:21:39	gap at MS
30/06/08	68987	13:00:48 - 13:02:00	gap at MS
30/06/08	68991	19:16:24 - 19:17:43	gap at MA
30/06/08	68992	20:51:24 - 20:52:47	gap at MA

Lamp Failures: none

cooler switchings: none

Timeline interruptions:

Date	Orbit No.	Duration	remark
16/06/08	68785	10:18:20 – 11:33:13	GOME in Nadir Static View (see ER2-UNA 2008/022) due to PL synchronization
20/06/08	68847	18:14:55 – 19:30:19	GOME in Nadir Static View (see ER2-UNA 2008/023) due to PL synchronization
29/06/08	68977	20:22:55 – 21:28:13	GOME in Nadir Static View (see ER2-UNA 2008/025) due to PL synchronization

Narrow Swath Timeline:

Date	Orbit No.	Duration	Date
04-05/06/08	68620– 68633	~21:00 (04/06/08) - ~19:00 (05/06/08)	Narrow Swath Timeline GMNNOT41 executed
14-15/06/08	68762– 68775	~19:00 (14/06/08) - ~17:00 (15/06/08)	Narrow Swath Timeline GMNNOT41 executed
24-25/06/08	68905 – 68919	~ 20:00 (24/06/08) - ~18:00 (25/06/08)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
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01/06/08 - 30/06/08			products with padded frames in channel 4 (Frame 20) (over a few orbits of a limited area over the North Pole)
08/06/08	68671	11:14:19	Corrupted products at KS anomalous values for most parameters
20/06/08	68844	14:16:39	Corrupted products at SG anomalous values for most parameters