

# GOME Operations for July 2009

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

## GOME Operations during July 2009

Date	Operations	remark
01/07/09	data available within visibility of groundstation	no solar calibration available due to missing data
02/07/09	data available within visibility of groundstation	start of sun calibration: 17:10:00.730
03/07/09	data available within visibility of groundstation	start of sun calibration: 19:59:34.520
04/07/09	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
05/07/09	SEU data available within visibility of groundstation	start of sun calibration: 18:56:24.800
06/07/09	data available within visibility of groundstation	start of sun calibration: 18:24:51.511
07/07/09	data available within visibility of groundstation	start of sun calibration: 17:53:12.077
08/07/09	data available within visibility of groundstation	start of sun calibration: 17:21:38.627
09/07/09	data available within visibility of groundstation	start of sun calibration: 16:50:27.660
10/07/09	data available within visibility of groundstation	start of sun calibration: 19:39:38.920
11/07/09	data available within visibility of groundstation	start of sun calibration: 19:08:05.470
12/07/09	data available within visibility of groundstation	start of sun calibration: 18:36:32.005
13/07/09	data available within visibility of groundstation	start of sun calibration: 18:04:58.530
14/07/09	data available within visibility of groundstation	start of sun calibration: 17:33:23.440
15/07/09	data available within visibility of groundstation	start of sun calibration: 17:01:49.990
16/07/09	data available within visibility of groundstation	start of sun calibration: 19:51:29.770
17/07/09	data available within visibility of groundstation	start of sun calibration: 19:19:50.310
18/07/09	data available within visibility of groundstation	start of sun calibration: 18:48:16.860
19/07/09	data available within visibility of groundstation	start of sun calibration: 18:16:43.400
20/07/09	data available within visibility of groundstation	start of sun calibration: 17:45:09.959
21/07/09	data available within visibility of groundstation	start of sun calibration: 17:13:36.500
22/07/09	data available within visibility of groundstation	start of sun calibration: 20:03:16.250
23/07/09	data available within visibility of groundstation	start of sun calibration: 19:31:42.800

24/07/09	data available within visibility of groundstation	start of sun calibration: 19:00:07
25/07/09	data available within visibility of groundstation	no solar calibration available due to missing data
26/07/09	data available within visibility of groundstation	start of sun calibration: 17:56:59
27/07/09	data available within visibility of groundstation	start of sun calibration: 17:25:33
28/07/09	quarterly calibration during Orbits 74616 - 74619 one orbit in Nadir Static View 73614 data available within visibility of groundstation	start of sun calibration: 16:53:59.797
29/07/09	quarterly calibration during Orbits 74620 - 74621 data available within visibility of groundstation	start of sun calibration: 19:43:39
30/07/09	data available within visibility of groundstation	start of sun calibration: 19:12:04
31/07/09	data available within visibility of groundstation	start of sun calibration: 18:40:32

### Anomalies:

single event upsets (SEU):

Date	Reason
04-05/07/09	GOME anomaly during orbits 74273 - 74277, between ca. 19:24 UTC (04/07/09) and ca 01:59 UTC (05/07/09): 3Nack Flag set; This anomaly was cured with GOME (GMN11) Power Cycle on 05/07/09 at 01:35:05 UTC, orbit 74276

list of datagaps:

Date	Orbit No.	duration	reason
01/07/09	74218	23:52:19 - 00:06:48	gap at HO
01/07/09	74218	00:03:09 - 00:14:35	gap at MM
01/07/09	74219	01:33:31 - 01:45:08	gap at HO
01/07/09	74219	01:45:14 - 01:54:49	gap at MM
01/07/09	74219	00:48:42 - 00:57:26	gap at GS
01/07/09	74220	02:50:22 - 03:03:44	gap at BE
01/07/09	74220	03:28:11 - 03:35:25	gap at MM
01/07/09	74220	03:57:48 - 04:10:11	gap at CM
01/07/09	74221	04:30:39 - 04:41:02	gap at BE
01/07/09	74221	05:11:05 - 05:16:52	gap at MM
01/07/09	74222	06:52:44 - 06:59:37	gap at MM
01/07/09	74222	06:06:28 - 06:12:13	gap at KS
01/07/09	74222	05:42:08 - 05:44:49	gap at CM
01/07/09	74222	06:34:33 - 06:43:24	gap at JO
01/07/09	74223	08:33:24 - 08:42:38	gap at MM

01/07/09	74223	07:55:59 - 08:01:45	gap at MA
01/07/09	74223	08:10:00 - 08:25:00	gap at JO
01/07/09	74224	10:13:41 - 10:24:53	gap at MM
01/07/09	74224	09:52:27 - 10:01:56	gap at JO
01/07/09	74225	12:03:02 - 12:16:30	gap at HO
01/07/09	74225	11:53:43 - 12:06:04	gap at MM
01/07/09	74226	13:42:05 - 13:56:32	gap at HO
01/07/09	74226	13:33:32 - 13:46:15	gap at MM
01/07/09	74226	14:00:35 - 14:07:31	gap at SG
01/07/09	74227	14:06:58 - 14:20:23	gap at BE
01/07/09	74227	15:23:29 - 15:30:49	gap at HO
01/07/09	74227	15:13:05 - 15:25:44	gap at MM
01/07/09	74227	14:34:26 - 14:45:24	gap at GS
01/07/09	74227	15:36:10 - 15:49:59	gap at SG
01/07/09	74228	15:49:31 - 15:57:56	gap at BE
01/07/09	74228	16:52:22 - 17:04:54	gap at MM
01/07/09	74228	16:13:07 - 16:26:58	gap at GS
01/07/09	74228	16:21:46 - 16:34:10	gap at CM
01/07/09	74229	18:31:30 - 18:44:05	gap at MM
01/07/09	74229	17:53:35 - 18:03:24	gap at GS
01/07/09	74229	18:04:52 - 18:08:28	gap at CM
01/07/09	74230	20:10:47 - 20:23:30	gap at MM
01/07/09	74230	20:30:06 - 20:45:01	gap at JO
01/07/09	74231	21:46:15 - 21:54:40	gap at HO
01/07/09	74231	21:50:36 - 22:03:12	gap at MM
01/07/09	74231	20:48:34 - 21:02:17	gap at MA
01/07/09	74231	22:10:39 - 22:22:04	gap at JO
01/07/09	74232	23:21:18 - 23:35:29	gap at HO
01/07/09	74232	23:31:17 - 23:43:08	gap at MM
01/07/09	74232	22:32:49 - 22:39:50	gap at MA
01/07/09	74223	07:45:19 - 07:47:20	gap at KS
01/07/09	74224	09:24:55 - 09:27:20	gap at KS
01/07/09	74225	11:04:30 - 11:06:57	gap at KS
01/07/09	74226	12:43:47 - 12:46:12	gap at KS
01/07/09	74227	14:22:36 - 14:25:05	gap at KS
01/07/09	74228	16:00:23 - 16:02:51	gap at KS
01/07/09	74229	17:38:18 - 17:40:49	gap at KS
01/07/09	74230	19:16:39 - 19:18:40	gap at KS
01/07/09	74231	20:56:45 - 20:58:48	gap at KS
01/07/09	74232	22:39:04 - 22:41:03	gap at KS
01/07/09	74221	04:04:57 - 04:06:56	gap at GS
01/07/09	74219	00:40:14 - 00:42:08	gap at MS
01/07/09	74225	11:17:31 - 11:20:04	gap at MS
01/07/09	74226	12:57:51 - 13:00:18	gap at MS
01/07/09	74232	22:27:13 - 22:29:50	gap at MS
01/07/09	74224	09:33:01 - 09:34:53	gap at MA
01/07/09	74225	11:13:43 - 11:14:46	gap at MA
01/07/09	74230	19:13:16 - 19:16:22	gap at MA

01/07/09	74220	02:21:12 - 02:22:57	gap at MI
01/07/09	74221	03:59:05 - 04:02:05	gap at MI
01/07/09	74227	14:41:30 - 14:42:57	gap at MI
01/07/09	74228	16:19:01 - 16:21:05	gap at MI
01/07/09	74220	03:01:37 - 03:04:06	gap at SG
01/07/09	74221	04:42:31 - 04:44:24	gap at SG
01/07/09	74226	14:00:35 - 14:02:02	gap at SG
02/07/09	74233	01:01:10 - 01:14:35	gap at HO
02/07/09	74233	01:13:02 - 01:23:17	gap at MM
02/07/09	74233	00:25:42 - 00:27:23	gap at KS
02/07/09	74234	02:19:21 - 02:32:03	gap at BE
02/07/09	74234	02:55:46 - 03:03:45	gap at MM
02/07/09	74235	03:58:51 - 04:11:03	gap at BE
02/07/09	74235	04:38:50 - 04:44:50	gap at MM
02/07/09	74235	03:27:10 - 03:38:37	gap at CM
02/07/09	74235	05:07:20 - 05:16:57	gap at CM
02/07/09	74236	06:20:55 - 06:27:13	gap at MM
02/07/09	74237	08:01:49 - 08:10:18	gap at MM
02/07/09	74237	07:39:11 - 07:53:35	gap at JO
02/07/09	74238	09:42:12 - 09:52:52	gap at MM
02/07/09	74238	09:19:17 - 09:32:14	gap at JO
02/07/09	74239	11:22:18 - 11:34:23	gap at MM
02/07/09	74240	13:02:11 - 13:14:52	gap at MM
02/07/09	74241	14:51:19 - 15:01:02	gap at HO
02/07/09	74241	14:41:50 - 14:54:32	gap at MM
02/07/09	74241	14:04:17 - 14:12:37	gap at GS
02/07/09	74242	15:16:24 - 15:27:51	gap at BE
02/07/09	74242	16:21:11 - 16:33:45	gap at MM
02/07/09	74242	15:41:52 - 15:55:44	gap at GS
02/07/09	74242	15:50:58 - 16:02:31	gap at CM
02/07/09	74243	18:00:21 - 18:12:54	gap at MM
02/07/09	74243	17:21:48 - 17:33:37	gap at GS
02/07/09	74243	17:31:01 - 17:40:32	gap at CM
02/07/09	74244	19:39:32 - 19:52:14	gap at MM
02/07/09	74244	18:44:46 - 18:48:51	gap at MA
02/07/09	74244	19:59:17 - 20:13:14	gap at JO
02/07/09	74245	21:19:09 - 21:31:50	gap at MM
02/07/09	74245	20:17:34 - 20:31:22	gap at MA
02/07/09	74245	21:38:36 - 21:52:18	gap at JO
02/07/09	74246	22:59:32 - 23:11:42	gap at MM
02/07/09	74246	21:58:48 - 22:09:54	gap at MA
02/07/09	74246	22:06:38 - 22:18:30	gap at KS
02/07/09	74237	07:14:06 - 07:16:04	gap at KS
02/07/09	74238	08:53:36 - 08:56:00	gap at KS
02/07/09	74239	10:33:13 - 10:35:40	gap at KS
02/07/09	74240	12:12:38 - 12:15:04	gap at KS
02/07/09	74241	13:51:32 - 13:54:04	gap at KS
02/07/09	74242	15:29:40 - 15:32:22	gap at KS

02/07/09	74243	17:07:22 - 17:09:53	gap at KS
02/07/09	74244	18:45:33 - 18:47:55	gap at KS
02/07/09	74245	20:25:05 - 20:27:03	gap at KS
02/07/09	74247	23:51:09 - 23:52:40	gap at KS
02/07/09	74234	01:53:51 - 01:55:55	gap at GS
02/07/09	74235	03:32:50 - 03:34:37	gap at GS
02/07/09	74233	00:07:04 - 00:09:14	gap at MS
02/07/09	74239	10:46:51 - 10:49:22	gap at MS
02/07/09	74240	12:25:52 - 12:28:27	gap at MS
02/07/09	74246	21:57:13 - 21:59:16	gap at MS
02/07/09	74247	23:34:58 - 23:37:10	gap at MS
02/07/09	74238	09:02:46 - 09:03:57	gap at MA
02/07/09	74239	10:41:16 - 10:43:13	gap at MA
02/07/09	74234	01:52:29 - 01:53:46	gap at MI
02/07/09	74235	03:27:35 - 03:31:48	gap at MI
02/07/09	74242	15:47:46 - 15:49:34	gap at MI
02/07/09	74243	17:28:57 - 17:31:39	gap at MI
02/07/09	74234	02:31:24 - 02:33:32	gap at SG
02/07/09	74234	02:38:43 - 02:43:00	gap at SG
02/07/09	74235	04:09:58 - 04:12:14	gap at SG
02/07/09	74235	04:16:05 - 04:22:40	gap at SG
02/07/09	74242	16:46:30 - 16:50:11	gap at SG
03/07/09	74247	00:40:56 - 00:51:47	gap at MM
03/07/09	74248	01:48:43 - 01:59:44	gap at BE
03/07/09	74248	02:23:24 - 02:32:08	gap at MM
03/07/09	74249	03:27:20 - 03:40:30	gap at BE
03/07/09	74249	04:06:29 - 04:12:57	gap at MM
03/07/09	74249	02:57:28 - 03:06:19	gap at CM
03/07/09	74249	04:34:57 - 04:46:47	gap at CM
03/07/09	74250	05:49:00 - 05:54:54	gap at MM
03/07/09	74251	07:30:12 - 07:37:55	gap at MM
03/07/09	74251	07:09:01 - 07:21:47	gap at JO
03/07/09	74252	09:10:41 - 09:20:44	gap at MM
03/07/09	74252	08:47:08 - 09:01:41	gap at JO
03/07/09	74253	10:50:52 - 11:02:36	gap at MM
03/07/09	74254	12:30:49 - 12:43:23	gap at MM
03/07/09	74254	11:51:59 - 11:57:05	gap at MA
03/07/09	74255	14:10:32 - 14:23:16	gap at MM
03/07/09	74256	14:44:14 - 14:57:07	gap at BE
03/07/09	74256	15:49:59 - 16:02:35	gap at MM
03/07/09	74256	15:10:48 - 15:24:02	gap at GS
03/07/09	74256	15:21:00 - 15:29:54	gap at CM
03/07/09	74257	17:29:12 - 17:41:43	gap at MM
03/07/09	74257	16:50:14 - 17:03:20	gap at GS
03/07/09	74257	16:58:53 - 17:10:37	gap at CM
03/07/09	74258	19:08:20 - 19:20:59	gap at MM
03/07/09	74258	19:29:04 - 19:40:41	gap at JO
03/07/09	74259	20:47:46 - 21:00:30	gap at MM

03/07/09	74259	19:47:03 - 19:59:41	gap at MA
03/07/09	74259	21:07:00 - 21:21:48	gap at JO
03/07/09	74260	22:27:52 - 22:40:17	gap at MM
03/07/09	74247	23:51:09 - 23:52:40	gap at KS
03/07/09	74251	06:42:58 - 06:44:49	gap at KS
03/07/09	74252	08:22:18 - 08:24:42	gap at KS
03/07/09	74253	10:01:55 - 10:04:21	gap at KS
03/07/09	74254	11:41:26 - 11:43:57	gap at KS
03/07/09	74255	13:20:31 - 13:22:57	gap at KS
03/07/09	74256	14:59:05 - 15:01:38	gap at KS
03/07/09	74257	16:36:42 - 16:39:13	gap at KS
03/07/09	74258	18:14:35 - 18:17:15	gap at KS
03/07/09	74259	19:53:37 - 19:55:52	gap at KS
03/07/09	74260	21:34:27 - 21:36:38	gap at KS
03/07/09	74261	23:17:51 - 23:19:32	gap at KS
03/07/09	74248	01:23:40 - 01:25:36	gap at GS
03/07/09	74249	03:01:15 - 03:03:08	gap at GS
03/07/09	74250	04:43:51 - 04:45:36	gap at GS
03/07/09	74253	10:16:43 - 10:19:15	gap at MS
03/07/09	74254	11:54:16 - 11:56:51	gap at MS
03/07/09	74261	23:03:33 - 23:05:49	gap at MS
03/07/09	74252	08:31:07 - 08:33:27	gap at MA
03/07/09	74253	10:09:59 - 10:11:50	gap at MA
03/07/09	74260	21:26:04 - 21:28:39	gap at MA
03/07/09	74249	02:56:44 - 02:58:41	gap at MI
03/07/09	74250	04:37:18 - 04:39:15	gap at MI
03/07/09	74256	15:16:58 - 15:19:29	gap at MI
03/07/09	74257	16:56:30 - 16:58:40	gap at MI
03/07/09	74248	02:02:34 - 02:04:11	gap at SG
03/07/09	74249	03:38:16 - 03:40:46	gap at SG
03/07/09	74255	14:34:46 - 14:38:13	gap at SG
03/07/09	74256	16:13:41 - 16:16:19	gap at SG
04/07/09	74261	23:57:58 - 00:12:29	gap at HO
04/07/09	74261	00:08:57 - 00:20:18	gap at MM
04/07/09	74262	01:51:06 - 02:00:33	gap at MM
04/07/09	74263	02:56:02 - 03:09:26	gap at BE
04/07/09	74263	03:34:05 - 03:41:11	gap at MM
04/07/09	74263	04:03:27 - 04:15:52	gap at CM
04/07/09	74264	04:36:28 - 04:46:25	gap at BE
04/07/09	74264	05:16:55 - 05:22:42	gap at MM
04/07/09	74265	06:58:30 - 07:05:30	gap at MM
04/07/09	74265	06:39:43 - 06:49:24	gap at JO
04/07/09	74266	08:39:09 - 08:48:30	gap at MM
04/07/09	74266	08:01:42 - 08:10:09	gap at MA
04/07/09	74266	08:15:39 - 08:30:41	gap at JO
04/07/09	74267	10:19:24 - 10:30:42	gap at MM
04/07/09	74268	11:59:26 - 12:11:49	gap at MM
04/07/09	74268	11:19:35 - 11:28:08	gap at MA

04/07/09	74269	13:39:14 - 13:51:57	gap at MM
04/07/09	74270	14:12:39 - 14:26:04	gap at BE
04/07/09	74270	15:18:46 - 15:31:25	gap at MM
04/07/09	74270	14:40:00 - 14:50:53	gap at GS
04/07/09	74271	15:55:42 - 16:03:16	gap at BE
04/07/09	74271	16:58:02 - 17:10:34	gap at MM
04/07/09	74271	16:18:48 - 16:32:36	gap at GS
04/07/09	74271	16:27:25 - 16:39:50	gap at CM
04/07/09	74272	18:37:10 - 18:49:46	gap at MM
04/07/09	74272	17:59:24 - 18:08:44	gap at GS
04/07/09	74272	19:00:16 - 19:06:30	gap at JO
04/07/09	74273	20:16:28 - 20:29:12	gap at MM
04/07/09	74273	19:19:03 - 19:27:39	gap at MA
04/07/09	74273	20:35:44 - 20:50:43	gap at JO
04/07/09	74274	21:51:29 - 22:00:32	gap at HO
04/07/09	74274	21:56:19 - 22:08:54	gap at MM
04/07/09	74274	22:16:33 - 22:27:23	gap at JO
04/07/09	74275	23:37:04 - 23:48:51	gap at MM
04/07/09	74275	22:39:11 - 22:45:05	gap at MA
04/07/09	74265	06:12:03 - 06:13:38	gap at KS
04/07/09	74266	07:51:01 - 07:53:25	gap at KS
04/07/09	74267	09:30:36 - 09:33:03	gap at KS
04/07/09	74268	11:10:11 - 11:12:40	gap at KS
04/07/09	74269	12:49:27 - 12:51:54	gap at KS
04/07/09	74270	14:28:14 - 14:30:45	gap at KS
04/07/09	74271	16:05:58 - 16:08:26	gap at KS
04/07/09	74272	17:43:53 - 17:46:24	gap at KS
04/07/09	74273	19:22:19 - 19:24:25	gap at KS
04/07/09	74274	21:02:32 - 21:04:28	gap at KS
04/07/09	74275	22:45:00 - 22:47:04	gap at KS
04/07/09	74262	00:54:01 - 00:55:48	gap at GS
04/07/09	74263	02:30:09 - 02:31:53	gap at GS
04/07/09	74264	04:10:51 - 04:12:51	gap at GS
04/07/09	74262	00:46:29 - 00:48:06	gap at MS
04/07/09	74268	11:23:09 - 11:25:43	gap at MS
04/07/09	74269	13:03:45 - 13:06:22	gap at MS
04/07/09	74275	22:32:45 - 22:34:50	gap at MS
04/07/09	74267	09:38:41 - 09:40:35	gap at MA
04/07/09	74274	20:54:15 - 20:57:19	gap at MA
04/07/09	74263	02:26:35 - 02:28:29	gap at MI
04/07/09	74264	04:04:52 - 04:07:53	gap at MI
04/07/09	74270	14:46:51 - 14:48:57	gap at MI
04/07/09	74270	14:49:32 - 14:56:43	gap at MI
04/07/09	74271	16:24:45 - 16:26:52	gap at MI
04/07/09	74263	03:07:12 - 03:09:20	gap at SG
04/07/09	74264	04:48:36 - 04:50:25	gap at SG
04/07/09	74269	14:05:37 - 14:07:24	gap at SG
04/07/09	74270	15:41:52 - 15:44:28	gap at SG

05/07/09	74276	01:18:53 - 01:29:01	gap at MM
05/07/09	74277	03:01:40 - 03:09:30	gap at MM
05/07/09	74277	03:32:40 - 03:44:24	gap at CM
05/07/09	74278	04:44:42 - 04:50:39	gap at MM
05/07/09	74278	05:13:22 - 05:22:18	gap at CM
05/07/09	74279	06:26:43 - 06:33:06	gap at MM
05/07/09	74280	08:07:34 - 08:16:11	gap at MM
05/07/09	74280	07:44:45 - 07:59:20	gap at JO
05/07/09	74281	09:47:55 - 09:58:41	gap at MM
05/07/09	74281	09:25:13 - 09:37:43	gap at JO
05/07/09	74282	11:28:01 - 11:40:09	gap at MM
05/07/09	74283	13:07:53 - 13:20:34	gap at MM
05/07/09	74284	14:47:31 - 15:00:12	gap at MM
05/07/09	74284	14:09:41 - 14:18:45	gap at GS
05/07/09	74284	15:10:43 - 15:24:27	gap at SG
05/07/09	74285	15:22:20 - 15:33:23	gap at BE
05/07/09	74285	16:26:52 - 16:39:25	gap at MM
05/07/09	74285	15:47:32 - 16:01:27	gap at GS
05/07/09	74285	15:56:31 - 16:08:20	gap at CM
05/07/09	74286	18:06:01 - 18:18:34	gap at MM
05/07/09	74286	17:34:59 - 17:42:34	gap at MI
05/07/09	74286	17:27:34 - 17:39:04	gap at GS
05/07/09	74286	17:36:57 - 17:45:51	gap at CM
05/07/09	74287	19:45:13 - 19:57:55	gap at MM
05/07/09	74287	18:50:20 - 18:54:34	gap at MA
05/07/09	74287	20:04:51 - 20:19:04	gap at JO
05/07/09	74288	21:24:51 - 21:37:32	gap at MM
05/07/09	74288	20:23:10 - 20:36:57	gap at MA
05/07/09	74288	21:44:23 - 21:57:46	gap at JO
05/07/09	74289	23:05:17 - 23:17:25	gap at MM
05/07/09	74289	22:05:21 - 22:15:25	gap at MA
05/07/09	74280	07:19:46 - 07:21:47	gap at KS
05/07/09	74281	08:59:17 - 09:01:43	gap at KS
05/07/09	74282	10:38:54 - 10:41:23	gap at KS
05/07/09	74283	12:18:18 - 12:20:44	gap at KS
05/07/09	74284	13:57:12 - 13:59:43	gap at KS
05/07/09	74285	15:35:15 - 15:37:55	gap at KS
05/07/09	74286	17:13:03 - 17:15:36	gap at KS
05/07/09	74287	18:51:11 - 18:53:30	gap at KS
05/07/09	74288	20:30:50 - 20:32:46	gap at KS
05/07/09	74289	22:12:30 - 22:14:30	gap at KS
05/07/09	74290	23:57:17 - 23:59:01	gap at KS
05/07/09	74277	01:59:24 - 02:01:10	gap at GS
05/07/09	74278	03:38:38 - 03:40:32	gap at GS
05/07/09	74276	00:12:59 - 00:15:12	gap at MS
05/07/09	74282	10:52:20 - 10:54:53	gap at MS
05/07/09	74283	12:31:36 - 12:34:13	gap at MS
05/07/09	74289	22:02:36 - 22:04:34	gap at MS



05/07/09	74290	23:40:45 - 23:42:58	gap at MS
05/07/09	74281	09:07:51 - 09:09:37	gap at MA
05/07/09	74282	10:47:02 - 10:49:02	gap at MA
05/07/09	74277	01:57:32 - 01:59:13	gap at MI
05/07/09	74278	03:33:16 - 03:36:56	gap at MI
05/07/09	74284	14:19:11 - 14:20:59	gap at MI
05/07/09	74285	15:53:25 - 15:55:25	gap at MI
05/07/09	74277	02:24:58 - 02:27:28	gap at BE
05/07/09	74278	04:04:36 - 04:14:11	gap at BE
05/07/09	74277	02:36:50 - 02:46:41	gap at SG
05/07/09	74278	04:15:48 - 04:24:20	gap at SG
05/07/09	74285	16:52:40 - 16:55:13	gap at SG
06/07/09	74290	00:46:46 - 00:57:31	gap at MM
06/07/09	74291	01:54:15 - 02:05:40	gap at BE
06/07/09	74291	02:29:17 - 02:37:52	gap at MM
06/07/09	74292	03:33:02 - 03:46:05	gap at BE
06/07/09	74292	04:12:22 - 04:18:44	gap at MM
06/07/09	74292	03:02:46 - 03:12:16	gap at CM
06/07/09	74292	04:40:45 - 04:52:20	gap at CM
06/07/09	74293	05:54:49 - 06:00:46	gap at MM
06/07/09	74294	07:35:57 - 07:43:49	gap at MM
06/07/09	74294	07:14:27 - 07:27:36	gap at JO
06/07/09	74295	09:16:25 - 09:26:35	gap at MM
06/07/09	74295	08:36:49 - 08:49:02	gap at MA
06/07/09	74295	08:52:56 - 09:07:17	gap at JO
06/07/09	74296	10:56:35 - 11:08:23	gap at MM
06/07/09	74296	10:15:42 - 10:28:11	gap at MA
06/07/09	74297	12:36:32 - 12:49:07	gap at MM
06/07/09	74298	14:16:14 - 14:28:57	gap at MM
06/07/09	74299	14:50:02 - 15:02:44	gap at BE
06/07/09	74299	15:55:40 - 16:08:15	gap at MM
06/07/09	74299	15:16:26 - 15:29:50	gap at GS
06/07/09	74299	15:26:21 - 15:35:56	gap at CM
06/07/09	74300	17:34:52 - 17:47:23	gap at MM
06/07/09	74300	16:42:16 - 16:54:38	gap at KS
06/07/09	74300	16:55:57 - 17:08:52	gap at GS
06/07/09	74300	17:04:40 - 17:16:08	gap at CM
06/07/09	74301	19:14:01 - 19:26:40	gap at MM
06/07/09	74301	19:34:30 - 19:46:40	gap at JO
06/07/09	74302	20:53:28 - 21:06:12	gap at MM
06/07/09	74302	19:52:34 - 20:05:33	gap at MA
06/07/09	74302	21:12:43 - 21:27:24	gap at JO
06/07/09	74303	22:33:37 - 22:46:00	gap at MM
06/07/09	74303	21:31:52 - 21:44:50	gap at MA
06/07/09	74290	23:57:17 - 23:59:01	gap at KS
06/07/09	74294	06:48:37 - 06:50:27	gap at KS
06/07/09	74295	08:27:59 - 08:30:23	gap at KS
06/07/09	74296	10:07:37 - 10:10:04	gap at KS

06/07/09	74297	11:47:06 - 11:49:38	gap at KS
06/07/09	74298	13:26:10 - 13:28:36	gap at KS
06/07/09	74299	15:04:40 - 15:07:18	gap at KS
06/07/09	74301	18:20:12 - 18:22:45	gap at KS
06/07/09	74302	19:59:19 - 20:01:26	gap at KS
06/07/09	74303	21:40:17 - 21:42:21	gap at KS
06/07/09	74304	23:23:52 - 23:25:35	gap at KS
06/07/09	74291	01:29:07 - 01:31:12	gap at GS
06/07/09	74292	03:06:58 - 03:08:54	gap at GS
06/07/09	74296	10:22:09 - 10:24:42	gap at MS
06/07/09	74297	12:00:02 - 12:02:34	gap at MS
06/07/09	74304	23:09:13 - 23:11:36	gap at MS
06/07/09	74292	03:02:18 - 03:04:15	gap at MI
06/07/09	74293	04:43:19 - 04:44:50	gap at MI
06/07/09	74299	15:22:32 - 15:24:39	gap at MI
06/07/09	74300	17:02:20 - 17:10:12	gap at MI
06/07/09	74291	02:07:37 - 02:09:36	gap at SG
06/07/09	74292	03:43:59 - 03:46:04	gap at SG
06/07/09	74292	03:49:58 - 03:57:41	gap at SG
06/07/09	74299	16:19:34 - 16:27:14	gap at SG
07/07/09	74304	00:14:45 - 00:26:02	gap at MM
07/07/09	74305	01:56:58 - 02:06:18	gap at MM
07/07/09	74306	03:01:42 - 03:15:07	gap at BE
07/07/09	74306	03:39:58 - 03:46:57	gap at MM
07/07/09	74306	02:34:54 - 02:38:21	gap at CM
07/07/09	74306	04:09:07 - 04:21:32	gap at CM
07/07/09	74307	04:42:19 - 04:51:45	gap at BE
07/07/09	74307	05:22:46 - 05:28:32	gap at MM
07/07/09	74308	07:04:16 - 07:11:24	gap at MM
07/07/09	74308	06:44:57 - 06:55:21	gap at JO
07/07/09	74309	08:44:53 - 08:54:22	gap at MM
07/07/09	74309	08:06:33 - 08:16:14	gap at MA
07/07/09	74309	08:21:20 - 08:36:21	gap at JO
07/07/09	74310	10:25:08 - 10:36:30	gap at MM
07/07/09	74310	10:05:02 - 10:12:16	gap at JO
07/07/09	74311	12:05:08 - 12:17:34	gap at MM
07/07/09	74311	11:25:28 - 11:33:40	gap at MA
07/07/09	74312	13:44:55 - 13:57:39	gap at MM
07/07/09	74313	14:18:21 - 14:31:44	gap at BE
07/07/09	74313	15:24:27 - 15:37:05	gap at MM
07/07/09	74313	14:45:34 - 14:56:23	gap at GS
07/07/09	74313	14:58:35 - 15:01:02	gap at CM
07/07/09	74314	16:02:00 - 16:08:31	gap at BE
07/07/09	74314	17:03:42 - 17:16:14	gap at MM
07/07/09	74314	16:24:31 - 16:38:13	gap at GS
07/07/09	74314	16:33:06 - 16:45:30	gap at CM
07/07/09	74315	18:42:50 - 18:55:26	gap at MM
07/07/09	74315	18:05:14 - 18:14:04	gap at GS

07/07/09	74315	19:05:16 - 19:12:58	gap at JO
07/07/09	74316	20:22:09 - 20:34:53	gap at MM
07/07/09	74316	19:24:22 - 19:33:29	gap at MA
07/07/09	74316	20:41:24 - 20:56:25	gap at JO
07/07/09	74317	22:02:03 - 22:14:36	gap at MM
07/07/09	74317	21:00:04 - 21:13:37	gap at MA
07/07/09	74317	22:22:29 - 22:32:38	gap at JO
07/07/09	74318	23:42:51 - 23:54:34	gap at MM
07/07/09	74318	22:45:40 - 22:50:13	gap at MA
07/07/09	74308	06:17:38 - 06:19:15	gap at KS
07/07/09	74309	07:56:42 - 07:59:06	gap at KS
07/07/09	74310	09:36:18 - 09:38:45	gap at KS
07/07/09	74311	11:15:52 - 11:18:21	gap at KS
07/07/09	74312	12:55:06 - 12:57:34	gap at KS
07/07/09	74313	14:33:51 - 14:36:22	gap at KS
07/07/09	74314	16:11:32 - 16:14:03	gap at KS
07/07/09	74315	17:49:27 - 17:52:07	gap at KS
07/07/09	74316	19:28:00 - 19:30:03	gap at KS
07/07/09	74317	21:08:19 - 21:10:17	gap at KS
07/07/09	74318	22:50:57 - 22:52:54	gap at KS
07/07/09	74305	00:59:22 - 01:00:56	gap at GS
07/07/09	74306	02:35:44 - 02:37:35	gap at GS
07/07/09	74307	04:16:47 - 04:18:41	gap at GS
07/07/09	74311	11:28:48 - 11:31:24	gap at MS
07/07/09	74311	11:28:48 - 11:31:24	gap at MS
07/07/09	74312	13:09:38 - 13:12:10	gap at MS
07/07/09	74318	22:38:18 - 22:40:25	gap at MS
07/07/09	74310	09:44:21 - 09:46:13	gap at MA
07/07/09	74306	02:32:00 - 02:33:55	gap at MI
07/07/09	74307	04:10:42 - 04:13:46	gap at MI
07/07/09	74313	14:52:15 - 14:54:34	gap at MI
07/07/09	74314	16:30:29 - 16:32:38	gap at MI
07/07/09	74306	03:12:48 - 03:26:29	gap at SG
07/07/09	74307	04:54:46 - 04:56:52	gap at SG
07/07/09	74312	14:10:46 - 14:12:34	gap at SG
07/07/09	74313	15:47:36 - 15:50:15	gap at SG
08/07/09	74319	01:24:44 - 01:34:45	gap at MM
08/07/09	74320	02:30:36 - 02:43:38	gap at BE
08/07/09	74320	03:07:33 - 03:15:15	gap at MM
08/07/09	74320	03:38:13 - 03:50:10	gap at CM
08/07/09	74321	04:10:23 - 04:22:02	gap at BE
08/07/09	74321	04:50:34 - 04:56:28	gap at MM
08/07/09	74322	06:32:30 - 06:38:59	gap at MM
08/07/09	74322	05:19:28 - 05:27:36	gap at CM
08/07/09	74323	08:13:19 - 08:22:04	gap at MM
08/07/09	74323	07:50:19 - 08:05:03	gap at JO
08/07/09	74324	09:53:39 - 10:04:31	gap at MM
08/07/09	74324	09:31:11 - 09:43:10	gap at JO

08/07/09	74325	11:33:44 - 11:45:55	gap at MM
08/07/09	74326	13:13:35 - 13:26:17	gap at MM
08/07/09	74327	14:53:12 - 15:05:53	gap at MM
08/07/09	74327	14:15:08 - 14:24:51	gap at GS
08/07/09	74327	15:16:20 - 15:30:09	gap at SG
08/07/09	74328	15:28:18 - 15:38:54	gap at BE
08/07/09	74328	16:32:32 - 16:45:04	gap at MM
08/07/09	74328	15:53:13 - 16:07:08	gap at GS
08/07/09	74328	16:58:57 - 17:05:41	gap at SG
08/07/09	74328	16:02:05 - 16:14:07	gap at CM
08/07/09	74329	18:11:41 - 18:24:14	gap at MM
08/07/09	74329	17:33:20 - 17:44:31	gap at GS
08/07/09	74329	17:42:57 - 17:51:05	gap at CM
08/07/09	74330	19:50:54 - 20:03:36	gap at MM
08/07/09	74330	20:10:26 - 20:24:52	gap at JO
08/07/09	74331	21:30:34 - 21:43:14	gap at MM
08/07/09	74331	20:28:47 - 20:42:32	gap at MA
08/07/09	74331	21:50:11 - 22:03:13	gap at JO
08/07/09	74332	23:11:04 - 23:23:07	gap at MM
08/07/09	74333	23:46:33 - 23:59:20	gap at MS
08/07/09	74323	07:25:27 - 07:27:27	gap at KS
08/07/09	74324	09:04:59 - 09:07:26	gap at KS
08/07/09	74325	10:44:36 - 10:47:04	gap at KS
08/07/09	74326	12:23:58 - 12:26:26	gap at KS
08/07/09	74327	14:02:51 - 14:05:23	gap at KS
08/07/09	74328	15:40:50 - 15:43:26	gap at KS
08/07/09	74329	17:18:41 - 17:21:13	gap at KS
08/07/09	74330	18:56:50 - 18:59:03	gap at KS
08/07/09	74331	20:36:34 - 20:38:32	gap at KS
08/07/09	74320	02:04:57 - 02:06:55	gap at GS
08/07/09	74321	03:44:27 - 03:46:21	gap at GS
08/07/09	74319	00:18:57 - 00:21:06	gap at MS
08/07/09	74325	10:57:45 - 11:00:21	gap at MS
08/07/09	74326	12:37:22 - 12:39:50	gap at MS
08/07/09	74332	22:08:02 - 22:09:53	gap at MS
08/07/09	74333	23:46:33 - 23:48:46	gap at MS
08/07/09	74324	09:13:33 - 09:15:13	gap at MA
08/07/09	74325	10:52:48 - 10:54:42	gap at MA
08/07/09	74330	18:55:53 - 18:59:03	gap at MA
08/07/09	74332	22:11:22 - 22:12:32	gap at MA
08/07/09	74320	02:02:41 - 02:04:15	gap at MI
08/07/09	74321	03:38:58 - 03:41:45	gap at MI
08/07/09	74327	14:23:33 - 14:24:43	gap at MI
08/07/09	74328	15:59:05 - 16:01:21	gap at MI
08/07/09	74329	17:41:07 - 17:42:47	gap at MI
08/07/09	74320	02:42:17 - 02:44:13	gap at SG
08/07/09	74321	04:21:40 - 04:23:38	gap at SG
09/07/09	74333	00:40:48 - 00:54:59	gap at HO

09/07/09	74333	00:52:36 - 01:03:14	gap at MM
09/07/09	74334	01:59:48 - 02:11:35	gap at BE
09/07/09	74334	02:35:10 - 02:43:37	gap at MM
09/07/09	74335	03:38:46 - 03:51:40	gap at BE
09/07/09	74335	04:18:15 - 04:24:32	gap at MM
09/07/09	74335	03:08:07 - 03:18:10	gap at CM
09/07/09	74335	04:46:36 - 04:57:51	gap at CM
09/07/09	74336	06:00:37 - 06:06:38	gap at MM
09/07/09	74337	07:41:42 - 07:49:42	gap at MM
09/07/09	74337	07:19:54 - 07:33:24	gap at JO
09/07/09	74338	09:22:09 - 09:32:26	gap at MM
09/07/09	74338	08:58:44 - 09:12:51	gap at JO
09/07/09	74339	11:02:18 - 11:14:10	gap at MM
09/07/09	74339	10:21:21 - 10:33:34	gap at MA
09/07/09	74340	12:42:14 - 12:54:50	gap at MM
09/07/09	74341	14:21:55 - 14:34:38	gap at MM
09/07/09	74342	14:55:51 - 15:08:21	gap at BE
09/07/09	74342	16:01:20 - 16:13:55	gap at MM
09/07/09	74342	15:22:04 - 15:35:37	gap at GS
09/07/09	74342	16:25:28 - 16:36:57	gap at SG
09/07/09	74342	15:31:46 - 15:41:55	gap at CM
09/07/09	74343	17:40:31 - 17:53:03	gap at MM
09/07/09	74343	17:01:41 - 17:14:24	gap at GS
09/07/09	74343	17:10:28 - 17:21:37	gap at CM
09/07/09	74344	19:19:41 - 19:32:20	gap at MM
09/07/09	74344	19:39:58 - 19:52:38	gap at JO
09/07/09	74345	20:59:10 - 21:11:53	gap at MM
09/07/09	74345	19:58:05 - 20:11:21	gap at MA
09/07/09	74345	21:18:27 - 21:32:58	gap at JO
09/07/09	74346	22:39:22 - 22:51:42	gap at MM
09/07/09	74346	21:37:41 - 21:50:26	gap at MA
09/07/09	74333	00:03:26 - 00:05:17	gap at KS
09/07/09	74337	06:54:16 - 06:56:09	gap at KS
09/07/09	74338	08:33:40 - 08:36:08	gap at KS
09/07/09	74339	10:13:18 - 10:15:47	gap at KS
09/07/09	74340	11:52:47 - 11:55:19	gap at KS
09/07/09	74341	13:31:48 - 13:34:15	gap at KS
09/07/09	74342	15:10:13 - 15:12:58	gap at KS
09/07/09	74343	16:47:50 - 16:50:27	gap at KS
09/07/09	74344	18:25:49 - 18:28:20	gap at KS
09/07/09	74345	20:05:02 - 20:07:07	gap at KS
09/07/09	74346	21:46:08 - 21:48:14	gap at KS
09/07/09	74347	23:29:53 - 23:31:30	gap at KS
09/07/09	74334	01:34:36 - 01:36:34	gap at GS
09/07/09	74335	03:12:41 - 03:14:34	gap at GS
09/07/09	74333	23:46:33 - 23:48:46	gap at MS
09/07/09	74339	10:27:38 - 10:30:14	gap at MS
09/07/09	74340	12:05:46 - 12:08:13	gap at MS

09/07/09	74347	23:14:55 - 23:17:10	gap at MS
09/07/09	74338	08:42:36 - 08:44:29	gap at MA
09/07/09	74335	03:07:53 - 03:10:03	gap at MI
09/07/09	74336	04:49:23 - 04:51:15	gap at MI
09/07/09	74342	15:28:07 - 15:29:54	gap at MI
09/07/09	74343	17:08:12 - 17:10:18	gap at MI
09/07/09	74334	02:12:47 - 02:14:46	gap at SG
09/07/09	74335	03:49:43 - 03:51:54	gap at SG
09/07/09	74341	14:45:43 - 14:50:19	gap at SG
10/07/09	74347	00:20:34 - 00:31:45	gap at MM
10/07/09	74348	02:02:50 - 02:12:02	gap at MM
10/07/09	74349	03:45:52 - 03:52:43	gap at MM
10/07/09	74349	02:39:34 - 02:44:54	gap at CM
10/07/09	74349	04:14:49 - 04:27:11	gap at CM
10/07/09	74350	05:28:36 - 05:34:23	gap at MM
10/07/09	74351	07:10:02 - 07:17:18	gap at MM
10/07/09	74351	06:50:14 - 07:01:17	gap at JO
10/07/09	74352	08:50:37 - 09:00:14	gap at MM
10/07/09	74352	08:11:57 - 08:22:16	gap at MA
10/07/09	74352	08:27:02 - 08:42:00	gap at JO
10/07/09	74353	10:30:51 - 10:42:18	gap at MM
10/07/09	74354	12:10:51 - 12:23:18	gap at MM
10/07/09	74354	11:31:18 - 11:39:02	gap at MA
10/07/09	74355	13:50:37 - 14:03:21	gap at MM
10/07/09	74356	14:24:04 - 14:37:23	gap at BE
10/07/09	74356	15:30:07 - 15:42:45	gap at MM
10/07/09	74356	14:51:10 - 15:03:36	gap at GS
10/07/09	74356	15:03:02 - 15:08:00	gap at CM
10/07/09	74357	17:09:22 - 17:21:54	gap at MM
10/07/09	74357	16:30:13 - 16:43:49	gap at GS
10/07/09	74357	16:38:48 - 16:51:07	gap at CM
10/07/09	74358	18:48:30 - 19:01:07	gap at MM
10/07/09	74358	18:11:04 - 18:19:22	gap at GS
10/07/09	74358	19:10:25 - 19:19:16	gap at JO
10/07/09	74359	20:27:50 - 20:40:34	gap at MM
10/07/09	74359	19:27:53 - 19:39:19	gap at MA
10/07/09	74359	20:47:04 - 21:02:05	gap at JO
10/07/09	74360	22:07:47 - 22:20:19	gap at MM
10/07/09	74360	21:05:56 - 21:19:16	gap at MA
10/07/09	74360	22:28:28 - 22:37:51	gap at JO
10/07/09	74361	23:38:11 - 23:52:34	gap at HO
10/07/09	OK	missing - JUL-2009	gap at y
10/07/09	74351	06:23:15 - 06:24:58	gap at KS
10/07/09	74352	08:02:23 - 08:04:49	gap at KS
10/07/09	74353	09:42:00 - 09:44:27	gap at KS
10/07/09	74354	11:21:33 - 11:24:07	gap at KS
10/07/09	74355	13:00:45 - 13:03:14	gap at KS
10/07/09	74356	14:39:28 - 14:42:01	gap at KS

10/07/09	74357	16:17:09 - 16:19:42	gap at KS
10/07/09	74358	17:55:00 - 17:57:48	gap at KS
10/07/09	74359	19:33:41 - 19:35:43	gap at KS
10/07/09	74360	21:14:07 - 21:16:08	gap at KS
10/07/09	74361	22:56:54 - 22:58:44	gap at KS
10/07/09	74348	01:04:44 - 01:06:56	gap at GS
10/07/09	74349	02:41:23 - 02:43:37	gap at GS
10/07/09	74350	04:22:44 - 04:24:39	gap at GS
10/07/09	74354	11:34:30 - 11:37:07	gap at MS
10/07/09	74355	13:15:33 - 13:18:17	gap at MS
10/07/09	74361	22:43:53 - 22:45:55	gap at MS
10/07/09	74349	02:37:27 - 02:39:46	gap at MI
10/07/09	74350	04:16:33 - 04:18:51	gap at MI
10/07/09	74356	14:57:42 - 14:59:58	gap at MI
10/07/09	74357	16:36:14 - 16:38:36	gap at MI
10/07/09	74349	03:07:23 - 03:09:56	gap at BE
10/07/09	74350	04:48:11 - 04:50:44	gap at BE
10/07/09	74349	03:18:25 - 03:20:35	gap at SG
10/07/09	74349	03:26:21 - 03:32:16	gap at SG
10/07/09	74349	03:18:25 - 03:20:35	gap at SG
10/07/09	74349	03:26:21 - 03:32:16	gap at SG
10/07/09	74350	05:01:03 - 05:02:42	gap at SG
10/07/09	74351	07:10:02 - 07:17:18	gap at MM
10/07/09	74351	06:50:14 - 07:01:17	gap at JO
10/07/09	74352	08:50:37 - 09:00:14	gap at MM
10/07/09	74352	08:11:57 - 08:22:16	gap at MA
10/07/09	74352	08:27:02 - 08:42:00	gap at JO
10/07/09	74353	10:30:51 - 10:42:18	gap at MM
10/07/09	74354	12:10:51 - 12:23:18	gap at MM
10/07/09	74354	11:31:18 - 11:39:02	gap at MA
10/07/09	74355	13:50:37 - 14:03:21	gap at MM
10/07/09	74356	14:24:04 - 14:37:23	gap at BE
10/07/09	74356	15:30:07 - 15:42:45	gap at MM
10/07/09	74356	14:51:10 - 15:03:36	gap at GS
10/07/09	74356	15:03:02 - 15:08:00	gap at CM
10/07/09	74357	17:09:22 - 17:21:54	gap at MM
10/07/09	74357	16:30:13 - 16:43:49	gap at GS
10/07/09	74357	16:38:48 - 16:51:07	gap at CM
10/07/09	74358	18:48:30 - 19:01:07	gap at MM
10/07/09	74358	18:11:04 - 18:19:22	gap at GS
10/07/09	74358	19:10:25 - 19:19:16	gap at JO
10/07/09	74359	20:27:50 - 20:40:34	gap at MM
10/07/09	74359	19:27:53 - 19:39:19	gap at MA
10/07/09	74359	20:47:04 - 21:02:05	gap at JO
10/07/09	74360	22:07:47 - 22:20:19	gap at MM
10/07/09	74360	21:05:56 - 21:19:16	gap at MA
10/07/09	74360	22:28:28 - 22:37:51	gap at JO
10/07/09	74361	23:38:11 - 23:52:34	gap at HO

10/07/09	OK	missing - JUL-2009	gap at y
10/07/09	74351	06:23:15 - 06:24:58	gap at KS
10/07/09	74352	08:02:23 - 08:04:49	gap at KS
10/07/09	74353	09:42:00 - 09:44:27	gap at KS
10/07/09	74354	11:21:33 - 11:24:07	gap at KS
10/07/09	74355	13:00:45 - 13:03:14	gap at KS
10/07/09	74356	14:39:28 - 14:42:01	gap at KS
10/07/09	74357	16:17:09 - 16:19:42	gap at KS
10/07/09	74358	17:55:00 - 17:57:48	gap at KS
10/07/09	74359	19:33:41 - 19:35:43	gap at KS
10/07/09	74360	21:14:07 - 21:16:08	gap at KS
10/07/09	74361	22:56:54 - 22:58:44	gap at KS
10/07/09	74348	01:04:44 - 01:06:56	gap at GS
10/07/09	74349	02:41:23 - 02:43:37	gap at GS
10/07/09	74350	04:22:44 - 04:24:39	gap at GS
10/07/09	74354	11:34:30 - 11:37:07	gap at MS
10/07/09	74355	13:15:33 - 13:18:17	gap at MS
10/07/09	74361	22:43:53 - 22:45:55	gap at MS
10/07/09	74349	02:37:27 - 02:39:46	gap at MI
10/07/09	74350	04:16:33 - 04:18:51	gap at MI
10/07/09	74356	14:57:42 - 14:59:58	gap at MI
10/07/09	74357	16:36:14 - 16:38:36	gap at MI
10/07/09	74349	03:07:23 - 03:09:56	gap at BE
10/07/09	74350	04:48:11 - 04:50:44	gap at BE
10/07/09	74349	03:18:25 - 03:20:35	gap at SG
10/07/09	74349	03:26:21 - 03:32:16	gap at SG
10/07/09	74349	03:18:25 - 03:20:35	gap at SG
10/07/09	74349	03:26:21 - 03:32:16	gap at SG
10/07/09	74350	05:01:03 - 05:02:42	gap at SG
11/07/09	74361	23:48:39 - 00:00:17	gap at MM
11/07/09	74362	01:30:35 - 01:40:29	gap at MM
11/07/09	74362	00:35:33 - 00:42:46	gap at GS
11/07/09	74363	02:36:14 - 02:49:24	gap at BE
11/07/09	74363	03:13:27 - 03:21:01	gap at MM
11/07/09	74363	03:43:47 - 03:55:54	gap at CM
11/07/09	74364	04:56:26 - 05:02:17	gap at MM
11/07/09	74365	06:38:17 - 06:44:53	gap at MM
11/07/09	74365	05:52:41 - 05:56:43	gap at KS
11/07/09	74365	05:25:39 - 05:32:48	gap at CM
11/07/09	74365	06:22:01 - 06:28:01	gap at JO
11/07/09	74366	08:19:03 - 08:27:57	gap at MM
11/07/09	74366	07:55:55 - 08:10:46	gap at JO
11/07/09	74367	09:59:22 - 10:10:21	gap at MM
11/07/09	74367	09:19:00 - 09:32:20	gap at MA
11/07/09	74367	09:37:12 - 09:48:35	gap at JO
11/07/09	74368	11:39:27 - 11:51:41	gap at MM
11/07/09	74368	10:58:49 - 11:09:17	gap at MA
11/07/09	74369	13:19:17 - 13:32:00	gap at MM



11/07/09	74370	14:58:53 - 15:11:33	gap at MM
11/07/09	74370	14:20:37 - 14:30:54	gap at GS
11/07/09	74370	15:21:58 - 15:35:51	gap at SG
11/07/09	74371	15:34:18 - 15:44:23	gap at BE
11/07/09	74371	16:38:12 - 16:50:44	gap at MM
11/07/09	74371	15:58:53 - 16:12:49	gap at GS
11/07/09	74371	16:07:41 - 16:19:53	gap at CM
11/07/09	74372	18:17:20 - 18:29:54	gap at MM
11/07/09	74372	17:39:06 - 17:49:56	gap at GS
11/07/09	74372	17:49:02 - 17:56:15	gap at CM
11/07/09	74373	19:56:34 - 20:09:17	gap at MM
11/07/09	74373	19:00:51 - 19:05:59	gap at MA
11/07/09	74373	20:16:02 - 20:30:39	gap at JO
11/07/09	74374	21:36:17 - 21:48:56	gap at MM
11/07/09	74374	20:34:25 - 20:48:06	gap at MA
11/07/09	74374	21:56:01 - 22:08:39	gap at JO
11/07/09	74375	23:16:50 - 23:28:50	gap at MM
11/07/09	74375	22:17:25 - 22:26:22	gap at MA
11/07/09	74366	07:31:07 - 07:33:08	gap at KS
11/07/09	74367	09:10:41 - 09:13:07	gap at KS
11/07/09	74368	10:50:17 - 10:52:47	gap at KS
11/07/09	74369	12:29:38 - 12:32:07	gap at KS
11/07/09	74370	14:08:31 - 14:11:05	gap at KS
11/07/09	74371	15:46:25 - 15:48:58	gap at KS
11/07/09	74372	17:24:18 - 17:26:51	gap at KS
11/07/09	74373	19:02:30 - 19:04:42	gap at KS
11/07/09	74374	20:42:20 - 20:44:25	gap at KS
11/07/09	74375	22:24:17 - 22:26:18	gap at KS
11/07/09	74363	02:10:39 - 02:12:20	gap at GS
11/07/09	74364	03:50:17 - 03:52:19	gap at GS
11/07/09	74375	22:13:29 - 22:15:26	gap at MS
11/07/09	74362	00:24:58 - 00:27:13	gap at MS
11/07/09	74368	11:03:28 - 11:06:02	gap at MS
11/07/09	74369	12:43:10 - 12:45:45	gap at MS
11/07/09	74376	23:52:23 - 23:54:37	gap at MS
11/07/09	74363	02:07:55 - 02:10:17	gap at MI
11/07/09	74364	03:44:41 - 03:47:02	gap at MI
11/07/09	74370	14:28:29 - 14:30:35	gap at MI
11/07/09	74371	16:04:46 - 16:07:07	gap at MI
11/07/09	74372	17:47:23 - 17:49:31	gap at MI
11/07/09	74364	04:16:09 - 04:18:42	gap at BE
11/07/09	74363	02:47:47 - 02:49:47	gap at SG
11/07/09	74364	04:27:34 - 04:29:33	gap at SG
12/07/09	74376	00:58:26 - 01:08:58	gap at MM
12/07/09	74376	00:09:39 - 00:14:06	gap at KS
12/07/09	74377	02:05:22 - 02:17:27	gap at BE
12/07/09	74377	02:41:03 - 02:49:22	gap at MM
12/07/09	74378	03:44:30 - 03:57:14	gap at BE

12/07/09	74378	04:24:08 - 04:30:20	gap at MM
12/07/09	74378	03:13:31 - 03:24:03	gap at CM
12/07/09	74378	04:52:28 - 05:03:21	gap at CM
12/07/09	74379	06:06:26 - 06:12:31	gap at MM
12/07/09	74380	07:47:27 - 07:55:35	gap at MM
12/07/09	74380	07:25:23 - 07:39:11	gap at JO
12/07/09	74381	09:27:52 - 09:38:16	gap at MM
12/07/09	74381	09:04:35 - 09:18:25	gap at JO
12/07/09	74382	11:08:01 - 11:19:57	gap at MM
12/07/09	74383	12:56:33 - 13:11:22	gap at HO
12/07/09	74383	12:47:56 - 13:00:34	gap at MM
12/07/09	74384	14:27:37 - 14:40:19	gap at MM
12/07/09	74385	15:01:41 - 15:13:56	gap at BE
12/07/09	74385	16:07:01 - 16:19:35	gap at MM
12/07/09	74385	15:27:43 - 15:41:23	gap at GS
12/07/09	74385	16:31:25 - 16:42:19	gap at SG
12/07/09	74385	15:37:12 - 15:47:51	gap at CM
12/07/09	74386	17:46:11 - 17:58:43	gap at MM
12/07/09	74386	17:07:26 - 17:19:54	gap at GS
12/07/09	74386	17:16:18 - 17:27:04	gap at CM
12/07/09	74387	19:25:21 - 19:38:01	gap at MM
12/07/09	74387	19:45:27 - 19:58:33	gap at JO
12/07/09	74388	21:04:52 - 21:17:35	gap at MM
12/07/09	74388	21:24:11 - 21:38:31	gap at JO
12/07/09	74389	22:45:08 - 22:57:25	gap at MM
12/07/09	74389	21:43:49 - 21:56:01	gap at MA
12/07/09	74380	06:59:56 - 07:01:51	gap at KS
12/07/09	74381	08:39:22 - 08:41:49	gap at KS
12/07/09	74382	10:19:00 - 10:21:29	gap at KS
12/07/09	74383	11:58:27 - 12:01:01	gap at KS
12/07/09	74384	13:37:27 - 13:39:57	gap at KS
12/07/09	74385	15:15:45 - 15:18:35	gap at KS
12/07/09	74386	16:53:24 - 16:56:02	gap at KS
12/07/09	74387	18:31:27 - 18:33:58	gap at KS
12/07/09	74388	20:10:45 - 20:12:49	gap at KS
12/07/09	74389	21:51:58 - 21:54:01	gap at KS
12/07/09	74390	23:35:56 - 23:37:30	gap at KS
12/07/09	74377	01:40:05 - 01:42:04	gap at GS
12/07/09	74378	03:18:25 - 03:20:30	gap at GS
12/07/09	74376	23:52:23 - 23:54:37	gap at MS
12/07/09	74382	10:33:07 - 10:35:42	gap at MS
12/07/09	74383	12:11:30 - 12:14:07	gap at MS
12/07/09	74390	23:20:37 - 23:22:51	gap at MS
12/07/09	74381	08:47:50 - 08:50:19	gap at MA
12/07/09	74382	10:27:01 - 10:28:57	gap at MA
12/07/09	74388	20:03:38 - 20:07:05	gap at MA
12/07/09	74378	03:13:29 - 03:15:54	gap at MI
12/07/09	74379	04:55:32 - 04:57:45	gap at MI

12/07/09	74385	15:33:42 - 15:36:05	gap at MI
12/07/09	74386	17:14:05 - 17:16:24	gap at MI
12/07/09	74377	02:18:02 - 02:20:05	gap at SG
12/07/09	74378	03:55:28 - 03:57:44	gap at SG
12/07/09	74384	14:51:13 - 14:53:35	gap at SG
13/07/09	74390	00:26:23 - 00:37:28	gap at MM
13/07/09	74392	03:13:04 - 03:26:26	gap at BE
13/07/09	74392	03:51:46 - 03:58:30	gap at MM
13/07/09	74392	03:24:04 - 03:37:57	gap at SG
13/07/09	74392	02:44:32 - 02:51:09	gap at CM
13/07/09	74392	04:20:32 - 04:32:48	gap at CM
13/07/09	74393	04:54:04 - 05:02:21	gap at BE
13/07/09	74394	07:15:48 - 07:23:11	gap at MM
13/07/09	74394	06:55:33 - 07:07:10	gap at JO
13/07/09	74395	08:17:23 - 08:28:16	gap at MA
13/07/09	74395	08:32:45 - 08:47:38	gap at JO
13/07/09	74396	10:36:34 - 10:48:06	gap at MM
13/07/09	74397	11:37:06 - 11:44:17	gap at MA
13/07/09	74398	13:56:19 - 14:09:03	gap at MM
13/07/09	74398	14:21:19 - 14:31:59	gap at SG
13/07/09	74399	14:29:49 - 14:43:02	gap at BE
13/07/09	74399	15:35:48 - 15:48:25	gap at MM
13/07/09	74399	14:56:46 - 15:09:28	gap at GS
13/07/09	74399	15:59:08 - 16:12:19	gap at SG
13/07/09	74399	15:07:58 - 15:14:27	gap at CM
13/07/09	74400	17:15:02 - 17:27:33	gap at MM
13/07/09	74400	16:35:56 - 16:49:25	gap at GS
13/07/09	74400	16:44:31 - 16:56:43	gap at CM
13/07/09	74401	18:54:10 - 19:06:47	gap at MM
13/07/09	74401	18:16:57 - 18:24:37	gap at GS
13/07/09	74401	19:15:40 - 19:25:29	gap at JO
13/07/09	74402	20:33:32 - 20:46:16	gap at MM
13/07/09	74402	19:33:20 - 19:45:07	gap at MA
13/07/09	74402	20:52:45 - 21:07:45	gap at JO
13/07/09	74403	22:07:17 - 22:18:02	gap at HO
13/07/09	74403	22:13:31 - 22:26:01	gap at MM
13/07/09	74403	22:34:29 - 22:43:00	gap at JO
13/07/09	74404	23:43:52 - 23:58:16	gap at HO
13/07/09	74404	23:54:26 - 00:06:00	gap at MM
13/07/09	74394	06:28:52 - 06:30:36	gap at KS
13/07/09	74395	08:08:04 - 08:10:33	gap at KS
13/07/09	74396	09:47:41 - 09:50:10	gap at KS
13/07/09	74397	11:27:14 - 11:29:48	gap at KS
13/07/09	74398	13:06:24 - 13:08:53	gap at KS
13/07/09	74399	14:45:06 - 14:47:39	gap at KS
13/07/09	74400	16:22:45 - 16:25:20	gap at KS
13/07/09	74401	18:00:34 - 18:03:24	gap at KS
13/07/09	74402	19:39:22 - 19:41:27	gap at KS

13/07/09	74403	21:19:55 - 21:21:55	gap at KS
13/07/09	74404	23:02:52 - 23:04:40	gap at KS
13/07/09	74391	01:10:07 - 01:12:40	gap at GS
13/07/09	74392	02:47:03 - 02:48:55	gap at GS
13/07/09	74393	04:28:44 - 04:30:37	gap at GS
13/07/09	74397	11:40:10 - 11:42:47	gap at MS
13/07/09	74398	13:21:33 - 13:24:07	gap at MS
13/07/09	74404	22:49:29 - 22:51:31	gap at MS
13/07/09	74396	09:55:44 - 09:57:40	gap at MA
13/07/09	74403	21:11:40 - 21:14:26	gap at MA
13/07/09	74392	02:42:56 - 02:45:21	gap at MI
13/07/09	74393	04:22:26 - 04:24:47	gap at MI
13/07/09	74399	15:03:10 - 15:05:27	gap at MI
13/07/09	74400	16:42:00 - 16:44:28	gap at MI
13/07/09	74391	02:08:43 - 02:10:01	gap at MM
13/07/09	74395	08:56:21 - 08:57:44	gap at MM
13/07/09	74397	12:16:33 - 12:18:06	gap at MM
14/07/09	74405	01:36:27 - 01:46:13	gap at MM
14/07/09	74405	00:40:47 - 00:48:39	gap at GS
14/07/09	74406	02:41:53 - 02:55:09	gap at BE
14/07/09	74406	03:19:21 - 03:26:46	gap at MM
14/07/09	74406	03:49:22 - 04:01:38	gap at CM
14/07/09	74407	05:02:18 - 05:08:07	gap at MM
14/07/09	74408	06:44:04 - 06:50:46	gap at MM
14/07/09	74408	05:58:10 - 06:02:58	gap at KS
14/07/09	74408	05:31:59 - 05:37:52	gap at CM
14/07/09	74408	06:26:56 - 06:34:15	gap at JO
14/07/09	74409	08:24:48 - 08:33:49	gap at MM
14/07/09	74409	08:01:32 - 08:16:28	gap at JO
14/07/09	74410	10:05:06 - 10:16:10	gap at MM
14/07/09	74410	09:43:15 - 09:53:58	gap at JO
14/07/09	74411	11:54:36 - 12:07:41	gap at HO
14/07/09	74411	11:45:09 - 11:57:26	gap at MM
14/07/09	74412	13:33:31 - 13:48:11	gap at HO
14/07/09	74412	13:24:59 - 13:37:42	gap at MM
14/07/09	74413	13:58:29 - 14:11:52	gap at BE
14/07/09	74413	15:14:42 - 15:22:49	gap at HO
14/07/09	74413	15:04:34 - 15:17:14	gap at MM
14/07/09	74413	14:33:37 - 14:41:23	gap at MI
14/07/09	74413	14:26:08 - 14:36:54	gap at GS
14/07/09	74414	15:40:21 - 15:49:50	gap at BE
14/07/09	74414	16:43:52 - 16:56:24	gap at MM
14/07/09	74414	16:10:27 - 16:23:46	gap at MI
14/07/09	74414	16:04:34 - 16:18:29	gap at GS
14/07/09	74414	16:13:18 - 16:25:37	gap at CM
14/07/09	74415	18:23:00 - 18:35:35	gap at MM
14/07/09	74415	17:53:58 - 17:57:06	gap at MI
14/07/09	74415	17:44:53 - 17:55:20	gap at GS

14/07/09	74415	17:55:12 - 18:01:19	gap at CM
14/07/09	74416	20:02:15 - 20:14:58	gap at MM
14/07/09	74416	20:21:39 - 20:36:24	gap at JO
14/07/09	74417	21:42:00 - 21:54:38	gap at MM
14/07/09	74417	20:40:04 - 20:53:45	gap at MA
14/07/09	74417	22:01:51 - 22:14:02	gap at JO
14/07/09	74418	23:22:37 - 23:34:33	gap at MM
14/07/09	74419	23:58:14 - 00:10:28	gap at MS
14/07/09	74409	07:36:48 - 07:38:51	gap at KS
14/07/09	74410	09:16:22 - 09:18:52	gap at KS
14/07/09	74411	10:55:58 - 10:58:30	gap at KS
14/07/09	74412	12:35:18 - 12:37:47	gap at KS
14/07/09	74413	14:14:09 - 14:16:43	gap at KS
14/07/09	74414	15:52:00 - 15:54:31	gap at KS
14/07/09	74415	17:29:55 - 17:32:29	gap at KS
14/07/09	74416	19:08:09 - 19:10:21	gap at KS
14/07/09	74417	20:48:06 - 20:50:06	gap at KS
14/07/09	74418	22:30:12 - 22:32:10	gap at KS
14/07/09	74406	02:16:48 - 02:18:04	gap at GS
14/07/09	74407	03:56:08 - 03:58:11	gap at GS
14/07/09	74405	00:31:01 - 00:33:08	gap at MS
14/07/09	74411	11:09:05 - 11:11:42	gap at MS
14/07/09	74412	12:49:04 - 12:51:36	gap at MS
14/07/09	74418	22:18:57 - 22:21:08	gap at MS
14/07/09	74410	09:24:32 - 09:26:29	gap at MA
14/07/09	74411	11:04:58 - 11:06:12	gap at MA
14/07/09	74416	19:05:58 - 19:08:33	gap at MA
14/07/09	74418	22:23:31 - 22:24:50	gap at MA
14/07/09	74406	02:13:12 - 02:15:36	gap at MI
14/07/09	74407	03:50:25 - 03:53:32	gap at MI
14/07/09	74407	04:01:36 - 04:03:33	gap at MI
14/07/09	74407	04:21:57 - 04:24:33	gap at BE
14/07/09	74406	02:53:18 - 02:55:54	gap at SG
14/07/09	74406	03:03:13 - 03:06:25	gap at SG
14/07/09	74407	04:33:31 - 04:35:35	gap at SG
14/07/09	74407	04:42:45 - 04:44:22	gap at SG
15/07/09	74419	01:04:16 - 01:14:42	gap at MM
15/07/09	74419	00:15:56 - 00:19:32	gap at KS
15/07/09	74420	02:46:56 - 02:55:07	gap at MM
15/07/09	74421	03:19:06 - 03:32:27	gap at MI
15/07/09	74421	03:18:57 - 03:29:54	gap at CM
15/07/09	74421	04:58:23 - 05:08:49	gap at CM
15/07/09	74422	06:12:14 - 06:18:23	gap at MM
15/07/09	74422	05:01:47 - 05:09:04	gap at MI
15/07/09	74423	07:53:12 - 08:01:29	gap at MM
15/07/09	74423	07:30:53 - 07:44:57	gap at JO
15/07/09	74424	09:33:36 - 09:44:06	gap at MM
15/07/09	74424	09:10:26 - 09:23:57	gap at JO

15/07/09	74425	11:13:44 - 11:25:43	gap at MM
15/07/09	74426	13:02:13 - 13:17:02	gap at HO
15/07/09	74427	13:56:17 - 14:03:15	gap at GS
15/07/09	74428	15:07:33 - 15:19:31	gap at BE
15/07/09	74428	15:33:22 - 15:47:08	gap at GS
15/07/09	74428	15:42:41 - 15:53:45	gap at CM
15/07/09	74429	17:20:00 - 17:29:32	gap at MI
15/07/09	74429	17:13:10 - 17:25:24	gap at GS
15/07/09	74429	17:22:10 - 17:32:29	gap at CM
15/07/09	74430	19:50:58 - 20:04:27	gap at JO
15/07/09	74431	21:29:56 - 21:44:03	gap at JO
15/07/09	74432	21:49:57 - 22:01:35	gap at MA
15/07/09	74423	07:05:36 - 07:07:34	gap at KS
15/07/09	74424	08:45:04 - 08:47:31	gap at KS
15/07/09	74425	10:24:41 - 10:27:13	gap at KS
15/07/09	74426	12:04:08 - 12:06:39	gap at KS
15/07/09	74427	13:43:05 - 13:45:38	gap at KS
15/07/09	74428	15:21:17 - 15:24:08	gap at KS
15/07/09	74429	16:58:59 - 17:01:36	gap at KS
15/07/09	74430	18:37:05 - 18:39:34	gap at KS
15/07/09	74431	20:16:29 - 20:18:33	gap at KS
15/07/09	74432	21:57:50 - 21:59:56	gap at KS
15/07/09	74420	01:45:35 - 01:47:57	gap at GS
15/07/09	74421	03:24:10 - 03:26:10	gap at GS
15/07/09	74419	23:58:14 - 00:00:31	gap at MS
15/07/09	74425	10:38:37 - 10:41:14	gap at MS
15/07/09	74426	12:17:16 - 12:19:55	gap at MS
15/07/09	74432	21:49:11 - 21:51:15	gap at MS
15/07/09	74424	08:54:11 - 08:55:45	gap at MA
15/07/09	74425	10:32:42 - 10:34:41	gap at MA
15/07/09	74431	20:09:12 - 20:12:37	gap at MA
15/07/09	74420	01:45:14 - 01:47:11	gap at MI
15/07/09	74428	15:39:19 - 15:41:45	gap at MI
15/07/09	74426	12:53:38 - 12:55:13	gap at MM
15/07/09	74427	14:33:18 - 14:34:52	gap at MM
15/07/09	74428	16:12:41 - 16:14:31	gap at MM
15/07/09	74429	17:51:51 - 17:54:35	gap at MM
15/07/09	74430	19:31:02 - 19:33:10	gap at MM
15/07/09	74431	21:10:35 - 21:12:33	gap at MM
15/07/09	74420	02:10:57 - 02:13:38	gap at BE
15/07/09	74421	03:50:14 - 03:52:48	gap at BE
15/07/09	74420	02:23:20 - 02:31:19	gap at SG
15/07/09	74421	04:01:15 - 04:12:30	gap at SG
15/07/09	74421	04:01:15 - 04:12:30	gap at SG
15/07/09	74427	14:56:46 - 14:59:10	gap at SG
15/07/09	74428	16:37:24 - 16:40:15	gap at SG
16/07/09	74433	00:32:12 - 00:43:12	gap at MM
16/07/09	74434	02:14:35 - 02:23:31	gap at MM

16/07/09	74435	03:18:46 - 03:32:04	gap at BE
16/07/09	74435	02:49:38 - 02:57:17	gap at CM
16/07/09	74435	04:26:17 - 04:38:24	gap at CM
16/07/09	74437	07:00:55 - 07:13:02	gap at JO
16/07/09	74438	09:02:05 - 09:11:57	gap at MM
16/07/09	74438	08:22:51 - 08:34:14	gap at MA
16/07/09	74438	08:38:30 - 08:53:16	gap at JO
16/07/09	74439	10:42:17 - 10:53:54	gap at MM
16/07/09	74441	12:57:21 - 13:08:49	gap at BE
16/07/09	74441	14:02:00 - 14:14:44	gap at MM
16/07/09	74442	14:35:34 - 14:48:41	gap at BE
16/07/09	74442	15:41:29 - 15:54:05	gap at MM
16/07/09	74442	15:02:22 - 15:15:18	gap at GS
16/07/09	74442	15:13:06 - 15:20:43	gap at CM
16/07/09	74443	17:20:42 - 17:33:13	gap at MM
16/07/09	74443	16:41:39 - 16:54:59	gap at GS
16/07/09	74443	16:50:15 - 17:02:18	gap at CM
16/07/09	74444	18:22:50 - 18:29:51	gap at GS
16/07/09	74444	19:20:59 - 19:31:36	gap at JO
16/07/09	74445	20:39:14 - 20:51:58	gap at MM
16/07/09	74445	19:38:48 - 19:50:55	gap at MA
16/07/09	74445	20:58:26 - 21:13:23	gap at JO
16/07/09	74446	22:19:16 - 22:31:43	gap at MM
16/07/09	74446	22:40:35 - 22:48:04	gap at JO
16/07/09	74447	23:49:30 - 00:03:57	gap at HO
16/07/09	74437	06:34:30 - 06:36:18	gap at KS
16/07/09	74438	08:13:45 - 08:16:16	gap at KS
16/07/09	74439	09:53:23 - 09:55:53	gap at KS
16/07/09	74440	11:32:55 - 11:35:29	gap at KS
16/07/09	74441	13:12:03 - 13:14:33	gap at KS
16/07/09	74442	14:50:43 - 14:53:17	gap at KS
16/07/09	74443	16:28:22 - 16:30:57	gap at KS
16/07/09	74444	18:06:09 - 18:08:56	gap at KS
16/07/09	74445	19:45:04 - 19:47:11	gap at KS
16/07/09	74446	21:25:44 - 21:27:55	gap at KS
16/07/09	74447	23:08:51 - 23:10:42	gap at KS
16/07/09	74434	01:15:32 - 01:18:57	gap at GS
16/07/09	74435	02:52:43 - 02:54:56	gap at GS
16/07/09	74436	04:34:45 - 04:36:42	gap at GS
16/07/09	74439	10:08:38 - 10:11:09	gap at MS
16/07/09	74440	11:45:49 - 11:48:25	gap at MS
16/07/09	74441	13:27:40 - 13:30:01	gap at MS
16/07/09	74447	22:55:06 - 22:57:15	gap at MS
16/07/09	74439	10:01:25 - 10:03:20	gap at MA
16/07/09	74440	11:42:55 - 11:44:38	gap at MA
16/07/09	74446	21:17:25 - 21:20:10	gap at MA
16/07/09	74435	02:48:26 - 02:50:52	gap at MI
16/07/09	74436	04:28:21 - 04:30:43	gap at MI

16/07/09	74442	15:08:40 - 15:11:31	gap at MI
16/07/09	74443	16:47:48 - 16:50:16	gap at MI
16/07/09	74435	03:57:39 - 03:58:40	gap at MM
16/07/09	74437	07:21:33 - 07:22:40	gap at MM
16/07/09	74440	12:22:16 - 12:23:51	gap at MM
16/07/09	74444	18:59:50 - 19:02:12	gap at MM
16/07/09	74435	03:29:44 - 03:32:46	gap at SG
16/07/09	74435	03:38:02 - 03:43:37	gap at SG
16/07/09	74435	03:29:44 - 03:32:46	gap at SG
16/07/09	74435	03:38:02 - 03:43:37	gap at SG
16/07/09	74441	14:26:40 - 14:29:06	gap at SG
16/07/09	74442	16:04:56 - 16:07:44	gap at SG
17/07/09	74447	00:00:14 - 00:11:43	gap at MM
17/07/09	74448	01:42:18 - 01:51:57	gap at MM
17/07/09	74448	00:46:04 - 00:54:31	gap at GS
17/07/09	74449	02:47:32 - 03:00:53	gap at BE
17/07/09	74449	03:54:59 - 04:07:20	gap at CM
17/07/09	74451	06:49:50 - 06:56:40	gap at MM
17/07/09	74451	06:03:42 - 06:09:09	gap at KS
17/07/09	74451	05:38:35 - 05:42:40	gap at CM
17/07/09	74451	06:31:59 - 06:40:22	gap at JO
17/07/09	74452	08:30:32 - 08:39:42	gap at MM
17/07/09	74452	07:52:55 - 07:59:48	gap at MA
17/07/09	74452	08:07:10 - 08:22:10	gap at JO
17/07/09	74453	09:49:22 - 09:59:18	gap at JO
17/07/09	74455	13:30:41 - 13:43:24	gap at MM
17/07/09	74456	14:04:08 - 14:17:33	gap at BE
17/07/09	74456	14:31:40 - 14:42:40	gap at GS
17/07/09	74457	15:46:27 - 15:55:15	gap at BE
17/07/09	74457	16:18:56 - 16:31:19	gap at CM
17/07/09	74458	17:50:41 - 18:00:43	gap at GS
17/07/09	74458	18:01:33 - 18:06:10	gap at CM
17/07/09	74459	19:11:09 - 19:18:51	gap at MA
17/07/09	74459	20:27:16 - 20:42:09	gap at JO
17/07/09	74460	22:07:43 - 22:19:24	gap at JO
17/07/09	74457	16:10:16 - 16:24:09	gap at GS
17/07/09	74452	07:42:29 - 07:44:32	gap at KS
17/07/09	74453	09:22:04 - 09:24:33	gap at KS
17/07/09	74454	11:01:39 - 11:04:11	gap at KS
17/07/09	74455	12:40:57 - 12:43:28	gap at KS
17/07/09	74456	14:19:47 - 14:22:23	gap at KS
17/07/09	74457	15:57:35 - 16:00:08	gap at KS
17/07/09	74458	17:35:30 - 17:38:06	gap at KS
17/07/09	74459	19:13:49 - 19:15:57	gap at KS
17/07/09	74460	20:53:52 - 20:55:53	gap at KS
17/07/09	74461	22:36:07 - 22:38:03	gap at KS
17/07/09	74450	04:02:00 - 04:04:04	gap at GS
17/07/09	74448	00:37:08 - 00:39:01	gap at MS



17/07/09	74454	11:14:42 - 11:17:18	gap at MS
17/07/09	74455	12:54:54 - 12:57:28	gap at MS
17/07/09	74461	22:24:27 - 22:26:39	gap at MS
17/07/09	74453	09:30:11 - 09:32:07	gap at MA
17/07/09	74454	11:10:48 - 11:11:57	gap at MA
17/07/09	74460	20:45:44 - 20:48:52	gap at MA
17/07/09	74449	02:18:31 - 02:20:53	gap at MI
17/07/09	74450	03:56:11 - 03:59:16	gap at MI
17/07/09	74456	14:38:51 - 14:41:06	gap at MI
17/07/09	74457	16:16:10 - 16:18:35	gap at MI
17/07/09	74449	03:25:14 - 03:26:20	gap at MM
17/07/09	74453	10:10:49 - 10:12:24	gap at MM
17/07/09	74454	11:50:52 - 11:52:44	gap at MM
17/07/09	74456	15:10:15 - 15:11:41	gap at MM
17/07/09	74457	16:49:32 - 16:51:25	gap at MM
17/07/09	74458	18:28:40 - 18:31:02	gap at MM
17/07/09	74459	20:07:56 - 20:10:04	gap at MM
17/07/09	74460	21:47:44 - 21:50:25	gap at MM
17/07/09	74461	23:28:23 - 23:30:17	gap at MM
17/07/09	74450	04:27:45 - 04:31:59	gap at BE
17/07/09	74449	02:58:50 - 03:01:15	gap at SG
17/07/09	74450	04:39:30 - 04:41:28	gap at SG
17/07/09	74456	15:33:19 - 15:35:48	gap at SG
18/07/09	74462	01:10:07 - 01:20:25	gap at MM
18/07/09	74462	00:22:22 - 00:24:51	gap at KS
18/07/09	74463	02:16:33 - 02:29:09	gap at BE
18/07/09	74464	03:24:25 - 03:35:43	gap at CM
18/07/09	74464	05:04:20 - 05:14:15	gap at CM
18/07/09	74466	07:36:25 - 07:50:43	gap at JO
18/07/09	74467	09:16:19 - 09:29:29	gap at JO
18/07/09	74468	11:19:27 - 11:31:30	gap at MM
18/07/09	74470	14:48:25 - 14:58:21	gap at HO
18/07/09	74470	14:01:36 - 14:09:31	gap at GS
18/07/09	74471	15:13:27 - 15:25:05	gap at BE
18/07/09	74471	15:39:02 - 15:52:52	gap at GS
18/07/09	74471	15:48:12 - 15:59:36	gap at CM
18/07/09	74472	17:18:55 - 17:30:53	gap at GS
18/07/09	74472	17:28:03 - 17:37:52	gap at CM
18/07/09	74473	19:36:42 - 19:49:23	gap at MM
18/07/09	74473	19:56:31 - 20:10:19	gap at JO
18/07/09	74474	21:35:43 - 21:49:33	gap at JO
18/07/09	74475	21:55:51 - 22:07:08	gap at MA
18/07/09	74466	07:11:16 - 07:13:15	gap at KS
18/07/09	74467	08:50:45 - 08:53:14	gap at KS
18/07/09	74468	10:30:22 - 10:32:54	gap at KS
18/07/09	74469	12:09:48 - 12:12:18	gap at KS
18/07/09	74470	13:48:43 - 13:51:18	gap at KS
18/07/09	74471	15:26:52 - 15:29:42	gap at KS

18/07/09	74472	17:04:34 - 17:07:10	gap at KS
18/07/09	74473	18:42:44 - 18:45:10	gap at KS
18/07/09	74474	20:22:13 - 20:24:14	gap at KS
18/07/09	74475	22:03:42 - 22:05:57	gap at KS
18/07/09	74476	23:48:06 - 23:49:45	gap at KS
18/07/09	74463	01:51:06 - 01:52:55	gap at GS
18/07/09	74464	03:29:57 - 03:31:48	gap at GS
18/07/09	74462	00:04:07 - 00:06:20	gap at MS
18/07/09	74468	10:44:06 - 10:46:42	gap at MS
18/07/09	74469	12:23:00 - 12:25:38	gap at MS
18/07/09	74475	21:54:32 - 21:56:34	gap at MS
18/07/09	74476	23:32:05 - 23:35:23	gap at MS
18/07/09	74467	08:59:58 - 09:01:17	gap at MA
18/07/09	74468	10:38:24 - 10:40:22	gap at MA
18/07/09	74474	20:14:47 - 20:18:09	gap at MA
18/07/09	74463	01:50:00 - 01:52:09	gap at MI
18/07/09	74464	03:24:45 - 03:29:11	gap at MI
18/07/09	74465	05:08:10 - 05:10:17	gap at MI
18/07/09	74471	15:44:57 - 15:47:20	gap at MI
18/07/09	74472	17:25:57 - 17:28:23	gap at MI
18/07/09	74463	02:52:50 - 02:54:03	gap at MM
18/07/09	74466	07:58:57 - 08:00:14	gap at MM
18/07/09	74467	09:39:20 - 09:40:52	gap at MM
18/07/09	74469	12:59:20 - 13:00:56	gap at MM
18/07/09	74470	14:38:59 - 14:40:25	gap at MM
18/07/09	74471	16:18:21 - 16:20:17	gap at MM
18/07/09	74472	17:57:31 - 18:00:19	gap at MM
18/07/09	74474	21:16:17 - 21:18:22	gap at MM
18/07/09	74475	22:56:39 - 22:58:22	gap at MM
18/07/09	74464	03:55:58 - 03:58:30	gap at BE
18/07/09	74463	02:28:42 - 02:30:48	gap at SG
18/07/09	74464	04:07:03 - 04:09:29	gap at SG
18/07/09	74464	04:16:58 - 04:19:55	gap at SG
18/07/09	74471	16:43:27 - 16:50:07	gap at SG
19/07/09	74476	00:38:01 - 00:48:55	gap at MM
19/07/09	74477	01:45:58 - 01:56:45	gap at BE
19/07/09	74477	02:20:28 - 02:29:15	gap at MM
19/07/09	74478	04:03:32 - 04:10:04	gap at MM
19/07/09	74478	02:54:50 - 03:03:19	gap at CM
19/07/09	74478	04:32:03 - 04:44:00	gap at CM
19/07/09	74480	07:06:18 - 07:18:53	gap at JO
19/07/09	74481	09:07:49 - 09:17:48	gap at MM
19/07/09	74481	08:44:15 - 08:58:53	gap at JO
19/07/09	74482	10:48:00 - 10:59:42	gap at MM
19/07/09	74483	12:27:58 - 12:40:31	gap at MM
19/07/09	74485	14:41:20 - 14:54:19	gap at BE
19/07/09	74485	15:47:09 - 15:59:45	gap at MM
19/07/09	74485	15:07:59 - 15:21:08	gap at GS

19/07/09	74485	15:18:21 - 15:26:52	gap at CM
19/07/09	74486	16:33:55 - 16:46:10	gap at KS
19/07/09	74486	16:47:22 - 17:00:33	gap at GS
19/07/09	74486	16:56:00 - 17:07:51	gap at CM
19/07/09	74487	19:26:22 - 19:37:40	gap at JO
19/07/09	74488	19:44:18 - 19:56:44	gap at MA
19/07/09	74488	21:04:08 - 21:19:00	gap at JO
19/07/09	74489	22:46:48 - 22:53:00	gap at JO
19/07/09	74490	23:55:08 - 00:09:38	gap at HO
19/07/09	74480	06:40:08 - 06:42:03	gap at KS
19/07/09	74481	08:19:27 - 08:21:54	gap at KS
19/07/09	74482	09:59:04 - 10:01:35	gap at KS
19/07/09	74483	11:38:35 - 11:41:11	gap at KS
19/07/09	74484	13:17:42 - 13:20:11	gap at KS
19/07/09	74485	14:56:18 - 14:58:54	gap at KS
19/07/09	74487	18:11:46 - 18:14:29	gap at KS
19/07/09	74488	19:50:46 - 19:53:00	gap at KS
19/07/09	74489	21:31:33 - 21:33:44	gap at KS
19/07/09	74490	23:14:51 - 23:16:40	gap at KS
19/07/09	74477	01:20:57 - 01:23:04	gap at GS
19/07/09	74478	02:58:24 - 03:00:13	gap at GS
19/07/09	74479	04:40:49 - 04:42:39	gap at GS
19/07/09	74482	10:14:00 - 10:16:44	gap at MS
19/07/09	74483	11:51:27 - 11:54:06	gap at MS
19/07/09	74490	23:00:44 - 23:02:46	gap at MS
19/07/09	74481	08:28:21 - 08:30:48	gap at MA
19/07/09	74482	10:07:08 - 10:09:08	gap at MA
19/07/09	74483	11:48:56 - 11:50:29	gap at MA
19/07/09	74489	21:23:11 - 21:25:55	gap at MA
19/07/09	74478	02:53:58 - 02:56:21	gap at MI
19/07/09	74479	04:34:18 - 04:36:38	gap at MI
19/07/09	74485	15:14:12 - 15:16:30	gap at MI
19/07/09	74486	16:53:36 - 16:56:05	gap at MI
19/07/09	74480	07:27:19 - 07:28:30	gap at MM
19/07/09	74484	14:07:42 - 14:09:19	gap at MM
19/07/09	74486	17:26:22 - 17:29:01	gap at MM
19/07/09	74487	19:05:30 - 19:07:49	gap at MM
19/07/09	74488	20:44:55 - 20:46:53	gap at MM
19/07/09	74489	22:25:00 - 22:27:04	gap at MM
19/07/09	74478	03:24:28 - 03:27:03	gap at BE
19/07/09	74478	03:35:25 - 03:37:57	gap at SG
19/07/09	74484	14:32:04 - 14:35:12	gap at SG
19/07/09	74485	16:10:46 - 16:13:47	gap at SG
20/07/09	74490	00:06:03 - 00:17:27	gap at M
20/07/09	74492	03:31:08 - 03:38:18	gap at MM
20/07/09	74492	04:00:37 - 04:13:02	gap at CM
20/07/09	74493	05:14:00 - 05:19:47	gap at MM
20/07/09	74494	06:55:37 - 07:02:33	gap at MM

20/07/09	74494	06:37:08 - 06:46:24	gap at JO
20/07/09	74495	08:36:16 - 08:45:34	gap at MM
20/07/09	74495	07:59:07 - 08:07:05	gap at MA
20/07/09	74495	08:12:49 - 08:27:51	gap at JO
20/07/09	74496	10:16:33 - 10:27:47	gap at MM
20/07/09	74496	09:55:33 - 10:04:34	gap at JO
20/07/09	74498	13:36:23 - 13:49:06	gap at MM
20/07/09	74499	14:09:49 - 14:23:14	gap at BE
20/07/09	74499	14:37:13 - 14:48:09	gap at GS
20/07/09	74500	15:52:36 - 16:00:37	gap at BE
20/07/09	74500	16:55:12 - 17:07:44	gap at MM
20/07/09	74500	16:15:57 - 16:29:47	gap at GS
20/07/09	74500	16:24:35 - 16:37:00	gap at CM
20/07/09	74501	17:56:30 - 18:06:04	gap at GS
20/07/09	74501	18:08:27 - 18:10:30	gap at CM
20/07/09	74502	19:16:24 - 19:24:43	gap at MA
20/07/09	74502	20:32:55 - 20:47:52	gap at JO
20/07/09	74503	21:53:27 - 22:06:03	gap at MM
20/07/09	74503	20:59:38 - 21:13:04	gap at KS
20/07/09	74504	23:34:10 - 23:45:59	gap at MM
20/07/09	74494	06:09:15 - 06:10:50	gap at KS
20/07/09	74495	07:48:10 - 07:50:39	gap at KS
20/07/09	74496	09:27:46 - 09:30:15	gap at KS
20/07/09	74497	11:07:20 - 11:09:54	gap at KS
20/07/09	74498	12:46:37 - 12:49:08	gap at KS
20/07/09	74499	14:25:25 - 14:28:01	gap at KS
20/07/09	74500	16:03:10 - 16:05:45	gap at KS
20/07/09	74501	17:41:05 - 17:43:41	gap at KS
20/07/09	74502	19:19:29 - 19:21:39	gap at KS
20/07/09	74504	22:42:02 - 22:44:11	gap at KS
20/07/09	74491	00:51:22 - 00:52:56	gap at GS
20/07/09	74492	02:28:06 - 02:29:31	gap at GS
20/07/09	74493	04:07:54 - 04:09:57	gap at GS
20/07/09	74491	00:43:20 - 00:45:09	gap at MS
20/07/09	74497	11:20:20 - 11:22:58	gap at MS
20/07/09	74498	13:00:48 - 13:03:33	gap at MS
20/07/09	74504	22:29:59 - 22:32:07	gap at MS
20/07/09	74496	09:35:51 - 09:37:47	gap at MA
20/07/09	74497	11:16:39 - 11:17:43	gap at MA
20/07/09	74503	20:51:24 - 20:54:33	gap at MA
20/07/09	74492	02:23:53 - 02:26:16	gap at MI
20/07/09	74493	04:01:58 - 04:05:07	gap at MI
20/07/09	74493	04:13:32 - 04:14:45	gap at MI
20/07/09	74499	14:44:10 - 14:46:31	gap at MI
20/07/09	74500	16:21:53 - 16:24:16	gap at MI
20/07/09	74491	01:48:10 - 01:49:31	gap at MM
20/07/09	74497	11:56:35 - 11:58:33	gap at MM
20/07/09	74499	15:15:55 - 15:17:31	gap at MM

20/07/09	74501	18:34:20 - 18:36:40	gap at MM
20/07/09	74502	20:13:37 - 20:15:42	gap at MM
20/07/09	74492	02:53:12 - 02:55:48	gap at BE
20/07/09	74492	03:04:46 - 03:06:35	gap at BE
20/07/09	74493	04:33:34 - 04:36:11	gap at BE
20/07/09	74492	03:04:24 - 03:07:01	gap at SG
20/07/09	74493	04:45:33 - 04:47:29	gap at SG
20/07/09	74498	14:03:05 - 14:04:53	gap at SG
20/07/09	74499	15:39:01 - 15:41:39	gap at SG
21/07/09	74506	03:29:55 - 03:41:30	gap at CM
21/07/09	74507	05:10:20 - 05:19:38	gap at CM
21/07/09	74509	07:41:58 - 07:56:28	gap at JO
21/07/09	74510	09:22:15 - 09:34:58	gap at JO
21/07/09	74511	11:25:10 - 11:37:16	gap at MM
21/07/09	74512	13:05:02 - 13:17:43	gap at MM
21/07/09	74513	14:44:40 - 14:57:22	gap at MM
21/07/09	74513	13:54:22 - 14:06:21	gap at KS
21/07/09	74513	14:06:59 - 14:15:41	gap at GS
21/07/09	74514	15:19:22 - 15:30:37	gap at BE
21/07/09	74514	16:24:01 - 16:36:35	gap at MM
21/07/09	74514	15:44:42 - 15:58:35	gap at GS
21/07/09	74514	15:53:44 - 16:05:26	gap at CM
21/07/09	74515	18:03:11 - 18:15:44	gap at MM
21/07/09	74515	17:31:58 - 17:39:59	gap at MI
21/07/09	74515	17:24:41 - 17:36:21	gap at GS
21/07/09	74515	17:33:59 - 17:43:12	gap at CM
21/07/09	74516	19:42:23 - 19:55:04	gap at MM
21/07/09	74516	20:02:04 - 20:16:09	gap at JO
21/07/09	74517	21:22:00 - 21:34:41	gap at MM
21/07/09	74517	20:20:22 - 20:34:10	gap at MA
21/07/09	74517	21:41:29 - 21:55:02	gap at JO
21/07/09	74518	23:02:24 - 23:14:33	gap at MM
21/07/09	74509	07:16:56 - 07:18:58	gap at KS
21/07/09	74510	08:56:27 - 09:00:50	gap at KS
21/07/09	74511	10:36:04 - 10:38:37	gap at KS
21/07/09	74512	12:15:28 - 12:18:00	gap at KS
21/07/09	74514	15:32:27 - 15:35:13	gap at KS
21/07/09	74515	17:10:11 - 17:12:48	gap at KS
21/07/09	74516	18:48:22 - 18:50:46	gap at KS
21/07/09	74517	20:27:57 - 20:30:01	gap at KS
21/07/09	74518	22:09:34 - 22:11:36	gap at KS
21/07/09	74519	23:54:12 - 23:55:44	gap at KS
21/07/09	74506	01:56:38 - 01:58:29	gap at GS
21/07/09	74507	03:35:44 - 03:37:36	gap at GS
21/07/09	74505	00:10:01 - 00:12:16	gap at MS
21/07/09	74511	10:49:36 - 10:52:13	gap at MS
21/07/09	74512	12:28:44 - 12:31:24	gap at MS
21/07/09	74518	21:59:54 - 22:02:00	gap at MS

21/07/09	74519	23:37:51 - 23:40:08	gap at MS
21/07/09	74510	09:05:33 - 09:08:02	gap at MA
21/07/09	74511	10:44:09 - 10:46:10	gap at MA
21/07/09	74516	18:47:33 - 18:50:37	gap at MA
21/07/09	74518	22:01:51 - 22:03:44	gap at MA
21/07/09	74506	01:54:59 - 01:57:20	gap at MI
21/07/09	74507	03:30:25 - 03:34:33	gap at MI
21/07/09	74508	05:14:50 - 05:16:45	gap at MI
21/07/09	74514	15:50:36 - 15:53:03	gap at MI
21/07/09	74505	01:15:57 - 01:17:23	gap at MM
21/07/09	74506	02:58:43 - 02:59:50	gap at MM
21/07/09	74509	08:04:42 - 08:05:55	gap at MM
21/07/09	74510	09:45:04 - 09:46:32	gap at MM
21/07/09	74506	02:22:10 - 02:24:53	gap at BE
21/07/09	74507	04:01:44 - 04:04:18	gap at BE
21/07/09	74506	02:34:07 - 02:38:47	gap at SG
21/07/09	74507	04:12:53 - 04:15:03	gap at SG
21/07/09	74513	15:07:55 - 15:10:28	gap at SG
21/07/09	74514	16:49:34 - 16:52:15	gap at SG
22/07/09	74520	02:05:04 - 02:12:46	gap at SG
22/07/09	74521	03:00:07 - 03:09:18	gap at CM
22/07/09	74522	06:18:27 - 06:30:09	gap at CM
22/07/09	74523	07:33:04 - 07:40:52	gap at MM
22/07/09	74523	07:11:43 - 07:24:42	gap at JO
22/07/09	74524	09:13:33 - 09:23:39	gap at MM
22/07/09	74524	08:50:02 - 09:04:29	gap at JO
22/07/09	74525	11:05:10 - 11:13:57	gap at HO
22/07/09	74526	12:42:26 - 12:57:09	gap at HO
22/07/09	74526	11:55:05 - 11:59:33	gap at MA
22/07/09	74527	14:22:22 - 14:34:55	gap at HO
22/07/09	74528	14:47:07 - 14:59:56	gap at BE
22/07/09	74528	15:52:50 - 16:05:25	gap at MM
22/07/09	74528	15:13:37 - 15:26:57	gap at GS
22/07/09	74528	15:23:40 - 15:32:56	gap at CM
22/07/09	74529	16:53:05 - 17:06:06	gap at GS
22/07/09	74529	17:01:46 - 17:13:23	gap at CM
22/07/09	74530	19:11:10 - 19:23:49	gap at MM
22/07/09	74530	19:31:47 - 19:43:41	gap at JO
22/07/09	74531	20:50:37 - 21:03:21	gap at MM
22/07/09	74531	19:49:48 - 20:02:37	gap at MA
22/07/09	74531	21:09:51 - 21:24:36	gap at JO
22/07/09	74532	22:30:45 - 22:43:08	gap at MM
22/07/09	74533	23:20:51 - 23:29:22	gap at KS
22/07/09	74519	23:54:12 - 23:55:44	gap at KS
22/07/09	74523	06:45:47 - 06:47:41	gap at KS
22/07/09	74524	08:25:08 - 08:27:37	gap at KS
22/07/09	74525	10:04:46 - 10:07:17	gap at KS
22/07/09	74526	11:44:16 - 11:46:52	gap at KS

22/07/09	74527	13:23:21 - 13:25:51	gap at KS
22/07/09	74528	15:01:53 - 15:04:33	gap at KS
22/07/09	74529	16:39:29 - 16:42:06	gap at KS
22/07/09	74530	18:17:23 - 18:20:06	gap at KS
22/07/09	74531	19:56:28 - 19:58:40	gap at KS
22/07/09	74532	21:37:22 - 21:39:31	gap at KS
22/07/09	74520	01:26:24 - 01:28:33	gap at GS
22/07/09	74521	03:04:06 - 03:06:23	gap at GS
22/07/09	74522	04:46:55 - 04:48:46	gap at GS
22/07/09	74525	10:19:26 - 10:22:02	gap at MS
22/07/09	74526	11:57:09 - 11:59:46	gap at MS
22/07/09	74533	23:06:23 - 23:08:51	gap at MS
22/07/09	74524	08:33:56 - 08:36:19	gap at MA
22/07/09	74525	10:12:51 - 10:14:42	gap at MA
22/07/09	74532	21:28:58 - 21:31:39	gap at MA
22/07/09	74521	02:59:31 - 03:01:56	gap at MI
22/07/09	74521	03:02:11 - 03:12:26	gap at MI
22/07/09	74522	04:40:18 - 04:42:37	gap at MI
22/07/09	74528	15:19:45 - 15:22:10	gap at MI
22/07/09	74529	16:59:25 - 17:01:52	gap at MI
22/07/09	74519	00:43:51 - 00:45:21	gap at MM
22/07/09	74520	02:26:21 - 02:27:36	gap at MM
22/07/09	74525	10:53:43 - 10:55:14	gap at MM
22/07/09	74526	12:33:41 - 12:35:13	gap at MM
22/07/09	74527	14:13:23 - 14:22:26	gap at MM
22/07/09	74527	14:22:30 - 14:26:07	gap at MM
22/07/09	74529	17:32:02 - 17:39:22	gap at MM
22/07/09	74529	17:39:45 - 17:44:33	gap at MM
22/07/09	74520	01:51:29 - 01:54:12	gap at BE
22/07/09	74521	03:30:11 - 03:33:47	gap at BE
22/07/09	74521	03:41:07 - 03:43:17	gap at SG
22/07/09	74521	03:50:58 - 03:54:53	gap at SG
23/07/09	74535	02:58:52 - 03:12:17	gap at BE
23/07/09	74535	03:10:00 - 03:23:42	gap at SG
23/07/09	74535	02:32:56 - 02:34:43	gap at CM
23/07/09	74536	05:19:51 - 05:25:37	gap at MM
23/07/09	74536	05:46:53 - 05:59:18	gap at CM
23/07/09	74537	07:01:23 - 07:08:27	gap at MM
23/07/09	74537	06:42:20 - 06:52:23	gap at JO
23/07/09	74538	08:42:01 - 08:51:26	gap at MM
23/07/09	74538	08:03:53 - 08:13:12	gap at MA
23/07/09	74538	08:18:30 - 08:33:31	gap at JO
23/07/09	74539	10:22:16 - 10:33:36	gap at MM
23/07/09	74539	10:01:51 - 10:09:44	gap at JO
23/07/09	74540	12:02:17 - 12:14:41	gap at MM
23/07/09	74540	11:22:31 - 11:30:54	gap at MA
23/07/09	74541	13:42:05 - 13:54:48	gap at MM
23/07/09	74542	14:15:30 - 14:28:54	gap at BE

23/07/09	74542	15:21:36 - 15:34:15	gap at MM
23/07/09	74542	14:42:47 - 14:53:37	gap at GS
23/07/09	74543	15:58:50 - 16:05:54	gap at BE
23/07/09	74543	17:00:52 - 17:13:24	gap at MM
23/07/09	74543	16:21:39 - 16:35:25	gap at GS
23/07/09	74543	16:30:16 - 16:42:40	gap at CM
23/07/09	74544	18:02:19 - 18:11:24	gap at GS
23/07/09	74544	19:02:44 - 19:09:46	gap at JO
23/07/09	74545	19:21:42 - 19:30:34	gap at MA
23/07/09	74545	20:38:34 - 20:53:34	gap at JO
23/07/09	74546	22:19:31 - 22:30:01	gap at JO
23/07/09	74547	23:39:58 - 23:51:42	gap at MM
23/07/09	74547	22:42:26 - 22:47:40	gap at MA
23/07/09	74537	06:14:50 - 06:16:30	gap at KS
23/07/09	74538	07:53:51 - 07:56:20	gap at KS
23/07/09	74539	09:33:27 - 09:35:58	gap at KS
23/07/09	74540	11:13:01 - 11:15:35	gap at KS
23/07/09	74541	12:52:16 - 12:54:47	gap at KS
23/07/09	74542	14:31:02 - 14:33:39	gap at KS
23/07/09	74543	16:08:45 - 16:11:20	gap at KS
23/07/09	74544	17:46:40 - 17:49:19	gap at KS
23/07/09	74545	19:25:10 - 19:27:23	gap at KS
23/07/09	74546	21:05:25 - 21:07:26	gap at KS
23/07/09	74547	22:47:59 - 22:50:02	gap at KS
23/07/09	74534	00:56:42 - 00:58:40	gap at GS
23/07/09	74535	02:32:55 - 02:34:59	gap at GS
23/07/09	74536	04:13:49 - 04:15:47	gap at GS
23/07/09	74534	00:49:39 - 00:51:27	gap at MS
23/07/09	74540	11:25:59 - 11:28:41	gap at MS
23/07/09	74541	13:06:41 - 13:09:17	gap at MS
23/07/09	74547	22:35:31 - 22:37:48	gap at MS
23/07/09	74539	09:41:31 - 09:43:27	gap at MA
23/07/09	74546	20:57:07 - 21:00:10	gap at MA
23/07/09	74535	02:29:18 - 02:31:42	gap at MI
23/07/09	74536	04:07:47 - 04:10:55	gap at MI
23/07/09	74542	14:49:33 - 14:51:50	gap at MI
23/07/09	74543	16:27:37 - 16:30:05	gap at MI
23/07/09	74533	00:11:51 - 00:13:23	gap at MM
23/07/09	74534	01:54:02 - 01:55:22	gap at MM
23/07/09	74535	03:37:02 - 03:38:11	gap at MM
23/07/09	74544	18:40:00 - 18:42:19	gap at MM
23/07/09	74545	20:19:19 - 20:21:23	gap at MM
23/07/09	74546	21:59:11 - 22:01:33	gap at MM
23/07/09	74536	04:39:23 - 04:41:59	gap at BE
23/07/09	74536	04:51:40 - 04:55:58	gap at SG
23/07/09	74541	14:08:11 - 14:10:13	gap at SG
23/07/09	74542	15:44:44 - 15:47:24	gap at SG
24/07/09	74549	02:27:47 - 02:40:45	gap at BE



24/07/09	74549	03:35:26 - 03:47:17	gap at CM
24/07/09	74550	04:07:29 - 04:19:17	gap at BE
24/07/09	74550	04:47:38 - 04:53:33	gap at MM
24/07/09	74551	05:16:24 - 05:24:57	gap at CM
24/07/09	74552	08:10:26 - 08:19:08	gap at MM
24/07/09	74552	07:47:32 - 08:02:11	gap at JO
24/07/09	74553	09:28:12 - 09:40:27	gap at JO
24/07/09	74555	13:10:44 - 13:23:26	gap at MM
24/07/09	74556	14:50:21 - 15:03:03	gap at MM
24/07/09	74556	14:12:25 - 14:21:48	gap at GS
24/07/09	74557	15:25:19 - 15:36:09	gap at BE
24/07/09	74557	16:29:42 - 16:42:15	gap at MM
24/07/09	74557	15:50:22 - 16:04:18	gap at GS
24/07/09	74557	15:59:18 - 16:11:14	gap at CM
24/07/09	74558	18:08:51 - 18:21:24	gap at MM
24/07/09	74558	17:30:27 - 17:41:48	gap at GS
24/07/09	74558	17:39:57 - 17:48:29	gap at CM
24/07/09	74559	19:48:03 - 20:00:45	gap at MM
24/07/09	74559	18:53:07 - 18:57:26	gap at MA
24/07/09	74559	20:07:39 - 20:21:58	gap at JO
24/07/09	74560	21:27:43 - 21:40:23	gap at MM
24/07/09	74560	20:25:59 - 20:39:45	gap at MA
24/07/09	74560	21:47:17 - 22:00:30	gap at JO
24/07/09	74561	23:08:11 - 23:20:16	gap at MM
24/07/09	74561	22:08:21 - 22:18:10	gap at MA
24/07/09	74552	07:22:36 - 07:24:38	gap at KS
24/07/09	74553	09:02:08 - 09:04:40	gap at KS
24/07/09	74554	10:41:45 - 10:44:18	gap at KS
24/07/09	74555	12:21:08 - 12:23:41	gap at KS
24/07/09	74556	14:00:02 - 14:02:39	gap at KS
24/07/09	74557	15:38:03 - 15:40:44	gap at KS
24/07/09	74558	17:15:52 - 17:18:28	gap at KS
24/07/09	74559	18:54:01 - 18:56:21	gap at KS
24/07/09	74560	20:33:42 - 20:35:44	gap at KS
24/07/09	74561	22:15:27 - 22:17:28	gap at KS
24/07/09	74549	02:02:10 - 02:04:12	gap at GS
24/07/09	74550	03:41:32 - 03:43:38	gap at GS
24/07/09	74548	00:15:58 - 00:18:11	gap at MS
24/07/09	74554	10:55:03 - 10:57:37	gap at MS
24/07/09	74555	12:34:29 - 12:37:02	gap at MS
24/07/09	74561	22:05:19 - 22:07:26	gap at MS
24/07/09	74562	23:43:39 - 23:45:57	gap at MS
24/07/09	74553	09:11:10 - 09:12:28	gap at MA
24/07/09	74554	10:49:55 - 10:51:52	gap at MA
24/07/09	74549	02:00:06 - 02:02:24	gap at MI
24/07/09	74550	03:36:07 - 03:39:27	gap at MI
24/07/09	74556	14:21:14 - 14:23:09	gap at MI
24/07/09	74557	15:56:15 - 15:58:41	gap at MI

24/07/09	74558	17:38:02 - 17:40:17	gap at MI
24/07/09	74548	01:21:48 - 01:23:14	gap at MM
24/07/09	74549	03:04:37 - 03:05:44	gap at MM
24/07/09	74553	09:50:47 - 09:52:16	gap at MM
24/07/09	74554	11:30:53 - 11:32:17	gap at MM
24/07/09	74549	02:39:33 - 02:41:52	gap at SG
24/07/09	74550	04:18:44 - 04:20:55	gap at SG
24/07/09	74556	15:13:31 - 15:15:58	gap at SG
24/07/09	74557	16:55:47 - 16:58:20	gap at SG
25/07/09	74562	00:49:41 - 01:00:22	gap at MM
25/07/09	74562	00:00:21 - 00:05:49	gap at KS
25/07/09	74563	01:57:01 - 02:08:38	gap at BE
25/07/09	74564	03:05:26 - 03:15:13	gap at CM
25/07/09	74564	04:43:40 - 04:55:06	gap at CM
25/07/09	74566	07:17:10 - 07:30:30	gap at JO
25/07/09	74567	09:19:17 - 09:29:30	gap at MM
25/07/09	74567	08:55:50 - 09:10:04	gap at JO
25/07/09	74569	12:39:23 - 12:51:59	gap at MM
25/07/09	74570	14:19:05 - 14:31:48	gap at MM
25/07/09	74571	14:52:56 - 15:05:33	gap at BE
25/07/09	74571	15:58:30 - 16:11:05	gap at MM
25/07/09	74571	15:19:15 - 15:32:44	gap at GS
25/07/09	74571	15:29:03 - 15:38:56	gap at CM
25/07/09	74572	17:37:41 - 17:50:13	gap at MM
25/07/09	74572	16:58:49 - 17:11:38	gap at GS
25/07/09	74572	17:07:34 - 17:18:53	gap at CM
25/07/09	74573	19:16:51 - 19:29:30	gap at MM
25/07/09	74573	18:23:01 - 18:36:36	gap at KS
25/07/09	74573	19:37:14 - 19:49:39	gap at JO
25/07/09	74574	20:56:19 - 21:09:03	gap at MM
25/07/09	74574	21:15:35 - 21:30:11	gap at JO
25/07/09	74575	22:36:30 - 22:48:51	gap at MM
25/07/09	74566	06:51:26 - 06:53:23	gap at KS
25/07/09	74567	08:30:50 - 08:33:19	gap at KS
25/07/09	74568	10:10:27 - 10:13:01	gap at KS
25/07/09	74569	11:49:57 - 11:52:33	gap at KS
25/07/09	74570	13:28:59 - 13:31:30	gap at KS
25/07/09	74571	15:07:26 - 15:10:11	gap at KS
25/07/09	74572	16:45:03 - 16:47:42	gap at KS
25/07/09	74574	20:02:11 - 20:04:21	gap at KS
25/07/09	74575	21:43:12 - 21:45:21	gap at KS
25/07/09	74576	23:26:52 - 23:28:37	gap at KS
25/07/09	74563	01:31:51 - 01:33:56	gap at GS
25/07/09	74564	03:09:49 - 03:11:58	gap at GS
25/07/09	74568	10:24:53 - 10:27:34	gap at MS
25/07/09	74569	12:02:55 - 12:05:27	gap at MS
25/07/09	74576	23:12:04 - 23:14:23	gap at MS
25/07/09	74567	08:39:42 - 08:41:47	gap at MA

25/07/09	74568	10:18:32 - 10:20:29	gap at MA
25/07/09	74574	19:55:19 - 19:58:51	gap at MA
25/07/09	74575	21:34:46 - 21:37:20	gap at MA
25/07/09	74564	03:05:05 - 03:07:31	gap at MI
25/07/09	74565	04:46:21 - 04:48:41	gap at MI
25/07/09	74571	15:25:19 - 15:27:42	gap at MI
25/07/09	74572	17:05:16 - 17:07:41	gap at MI
25/07/09	74563	02:32:14 - 02:33:28	gap at MM
25/07/09	74566	07:38:49 - 07:39:58	gap at MM
25/07/09	74568	10:59:27 - 11:01:02	gap at MM
25/07/09	74564	03:35:54 - 03:38:34	gap at BE
25/07/09	74563	02:10:11 - 02:12:23	gap at SG
25/07/09	74564	03:46:51 - 03:48:57	gap at SG
25/07/09	74570	14:42:58 - 14:47:25	gap at SG
25/07/09	74571	16:22:31 - 16:25:18	gap at SG
26/07/09	74578	03:04:32 - 03:17:57	gap at BE
26/07/09	74578	02:37:11 - 02:41:41	gap at CM
26/07/09	74578	04:11:58 - 04:24:21	gap at CM
26/07/09	74579	04:45:15 - 04:54:25	gap at BE
26/07/09	74579	05:25:41 - 05:31:28	gap at MM
26/07/09	74580	07:07:09 - 07:14:21	gap at MM
26/07/09	74580	06:47:35 - 06:58:19	gap at JO
26/07/09	74581	08:47:45 - 08:57:18	gap at MM
26/07/09	74581	08:09:14 - 08:19:15	gap at MA
26/07/09	74581	08:24:11 - 08:39:11	gap at JO
26/07/09	74582	10:27:59 - 10:39:24	gap at MM
26/07/09	74582	10:08:17 - 10:14:45	gap at JO
26/07/09	74583	11:28:24 - 11:36:24	gap at MA
26/07/09	74584	13:56:25 - 14:10:23	gap at HO
26/07/09	74584	13:47:46 - 14:00:30	gap at MM
26/07/09	74584	14:13:23 - 14:22:58	gap at SG
26/07/09	74585	14:21:13 - 14:34:34	gap at BE
26/07/09	74585	14:48:22 - 15:00:39	gap at GS
26/07/09	74585	15:00:41 - 15:04:38	gap at CM
26/07/09	74586	16:05:11 - 16:11:05	gap at BE
26/07/09	74586	17:06:32 - 17:19:04	gap at MM
26/07/09	74586	16:27:22 - 16:41:01	gap at GS
26/07/09	74586	16:35:57 - 16:48:19	gap at CM
26/07/09	74587	18:45:40 - 18:58:16	gap at MM
26/07/09	74587	18:08:09 - 18:16:43	gap at GS
26/07/09	74587	19:07:49 - 19:16:08	gap at JO
26/07/09	74588	20:25:00 - 20:37:44	gap at MM
26/07/09	74588	20:44:14 - 20:59:15	gap at JO
26/07/09	74589	22:04:55 - 22:17:27	gap at MM
26/07/09	74589	21:03:00 - 21:16:26	gap at MA
26/07/09	74589	22:25:28 - 22:35:15	gap at JO
26/07/09	74590	23:35:21 - 23:49:44	gap at HO
26/07/09	74590	23:45:45 - 23:57:25	gap at MM

26/07/09	74580	06:20:27 - 06:22:08	gap at KS
26/07/09	74581	07:59:32 - 08:02:03	gap at KS
26/07/09	74582	09:39:09 - 09:41:41	gap at KS
26/07/09	74583	11:18:42 - 11:21:16	gap at KS
26/07/09	74584	12:57:55 - 13:00:27	gap at KS
26/07/09	74585	14:36:40 - 14:39:17	gap at KS
26/07/09	74586	16:14:20 - 16:16:57	gap at KS
26/07/09	74587	17:52:14 - 17:55:02	gap at KS
26/07/09	74588	19:30:50 - 19:32:58	gap at KS
26/07/09	74590	22:53:56 - 22:55:50	gap at KS
26/07/09	74577	01:02:03 - 01:03:44	gap at GS
26/07/09	74578	02:38:34 - 02:40:31	gap at GS
26/07/09	74579	04:19:45 - 04:21:43	gap at GS
26/07/09	74583	11:31:39 - 11:34:20	gap at MS
26/07/09	74584	13:12:35 - 13:15:07	gap at MS
26/07/09	74590	22:41:05 - 22:43:15	gap at MS
26/07/09	74582	09:47:12 - 09:49:14	gap at MA
26/07/09	74582	09:57:47 - 10:00:46	gap at MA
26/07/09	74588	19:27:03 - 19:28:56	gap at MA
26/07/09	74578	02:34:44 - 02:37:07	gap at MI
26/07/09	74579	04:13:37 - 04:16:00	gap at MI
26/07/09	74585	14:54:58 - 14:57:20	gap at MI
26/07/09	74586	16:33:21 - 16:35:48	gap at MI
26/07/09	74576	00:17:40 - 00:19:12	gap at MM
26/07/09	74577	01:59:54 - 02:01:14	gap at MM
26/07/09	74578	03:42:55 - 03:44:04	gap at MM
26/07/09	74583	12:08:00 - 12:09:49	gap at MM
26/07/09	74585	15:27:17 - 15:28:49	gap at MM
26/07/09	74578	03:15:37 - 03:18:17	gap at SG
26/07/09	74579	04:57:53 - 04:59:37	gap at SG
27/07/09	74591	01:15:43 - 01:28:32	gap at HO
27/07/09	74591	01:27:40 - 01:37:37	gap at MM
27/07/09	74592	02:33:25 - 02:46:32	gap at BE
27/07/09	74592	03:10:30 - 03:18:08	gap at MM
27/07/09	74592	03:40:59 - 03:53:02	gap at CM
27/07/09	74594	05:49:59 - 05:52:29	gap at KS
27/07/09	74594	05:22:33 - 05:30:13	gap at CM
27/07/09	74595	08:16:11 - 08:25:00	gap at MM
27/07/09	74595	07:53:07 - 08:07:55	gap at JO
27/07/09	74596	09:56:31 - 10:07:26	gap at MM
27/07/09	74596	09:34:11 - 09:45:53	gap at JO
27/07/09	74599	15:05:55 - 15:14:40	gap at HO
27/07/09	74599	14:17:53 - 14:27:53	gap at GS
27/07/09	74599	15:19:09 - 15:33:00	gap at SG
27/07/09	74600	15:31:18 - 15:41:39	gap at BE
27/07/09	74600	16:35:22 - 16:47:54	gap at MM
27/07/09	74600	15:56:03 - 16:09:59	gap at GS
27/07/09	74600	16:04:53 - 16:17:00	gap at CM

27/07/09	74601	18:14:30 - 18:27:04	gap at MM
27/07/09	74601	17:36:13 - 17:47:13	gap at GS
27/07/09	74601	17:45:59 - 17:53:41	gap at CM
27/07/09	74602	19:53:44 - 20:06:26	gap at MM
27/07/09	74602	18:58:20 - 19:03:08	gap at MA
27/07/09	74602	20:13:14 - 20:27:45	gap at JO
27/07/09	74603	21:33:26 - 21:46:05	gap at MM
27/07/09	74603	20:31:36 - 20:45:19	gap at MA
27/07/09	74603	21:53:06 - 22:05:56	gap at JO
27/07/09	74604	23:04:43 - 23:18:21	gap at HO
27/07/09	74604	22:14:23 - 22:23:39	gap at MA
27/07/09	74595	07:28:17 - 07:30:25	gap at KS
27/07/09	74596	09:07:50 - 09:10:21	gap at KS
27/07/09	74597	10:47:26 - 10:50:00	gap at KS
27/07/09	74598	12:26:48 - 12:29:20	gap at KS
27/07/09	74599	14:05:41 - 14:08:18	gap at KS
27/07/09	74600	15:43:38 - 15:46:16	gap at KS
27/07/09	74601	17:21:29 - 17:24:07	gap at KS
27/07/09	74602	18:59:40 - 19:01:57	gap at KS
27/07/09	74603	20:39:27 - 20:41:34	gap at KS
27/07/09	74604	22:21:20 - 22:23:26	gap at KS
27/07/09	74592	02:07:44 - 02:09:59	gap at GS
27/07/09	74593	03:47:22 - 03:49:29	gap at GS
27/07/09	74591	00:21:57 - 00:24:22	gap at MS
27/07/09	74597	11:00:39 - 11:03:18	gap at MS
27/07/09	74598	12:40:15 - 12:42:48	gap at MS
27/07/09	74604	22:10:45 - 22:12:54	gap at MS
27/07/09	74605	23:49:28 - 23:51:46	gap at MS
27/07/09	74596	09:16:23 - 09:17:40	gap at MA
27/07/09	74592	02:05:17 - 02:07:36	gap at MI
27/07/09	74593	03:41:49 - 03:44:16	gap at MI
27/07/09	74599	14:25:59 - 14:28:08	gap at MI
27/07/09	74600	16:01:55 - 16:04:19	gap at MI
27/07/09	74601	17:44:13 - 17:46:24	gap at MI
27/07/09	74597	11:36:35 - 11:38:17	gap at MM
27/07/09	74598	13:16:26 - 13:18:00	gap at MM
27/07/09	74599	14:56:02 - 14:57:33	gap at MM
27/07/09	74604	23:13:57 - 23:15:38	gap at MM
27/07/09	74593	04:13:16 - 04:15:52	gap at BE
27/07/09	74592	02:45:02 - 02:47:24	gap at SG
27/07/09	74593	04:24:37 - 04:26:44	gap at SG
28/07/09	74605	00:55:31 - 01:06:06	gap at MM
28/07/09	74605	00:06:32 - 00:11:21	gap at KS
28/07/09	74606	02:02:35 - 02:14:31	gap at BE
28/07/09	74607	03:41:38 - 03:54:27	gap at BE
28/07/09	74607	04:21:12 - 04:27:26	gap at MM
28/07/09	74607	03:10:49 - 03:21:07	gap at CM
28/07/09	74607	04:49:32 - 05:00:37	gap at CM

28/07/09	74609	07:44:35 - 07:52:39	gap at MM
28/07/09	74609	07:22:38 - 07:36:18	gap at JO
28/07/09	74610	08:45:29 - 08:57:50	gap at MA
28/07/09	74610	09:01:39 - 09:15:38	gap at JO
28/07/09	74612	12:45:05 - 12:57:42	gap at MM
28/07/09	74613	14:33:55 - 14:45:36	gap at HO
28/07/09	74614	16:04:10 - 16:16:45	gap at MM
28/07/09	74614	15:24:54 - 15:38:30	gap at GS
28/07/09	74614	15:34:29 - 15:44:53	gap at CM
28/07/09	74615	17:43:21 - 17:55:53	gap at MM
28/07/09	74615	17:11:08 - 17:21:33	gap at MI
28/07/09	74615	17:04:33 - 17:17:09	gap at GS
28/07/09	74615	17:13:23 - 17:24:21	gap at CM
28/07/09	74616	19:22:31 - 19:35:11	gap at MM
28/07/09	74616	19:42:42 - 19:55:36	gap at JO
28/07/09	74617	20:00:52 - 20:14:14	gap at MA
28/07/09	74617	21:21:19 - 21:35:45	gap at JO
28/07/09	74618	22:34:19 - 22:46:50	gap at HO
28/07/09	74618	22:42:15 - 22:54:34	gap at MM
28/07/09	74618	21:40:35 - 21:53:13	gap at MA
28/07/09	74609	06:57:06 - 06:59:08	gap at KS
28/07/09	74610	08:36:31 - 08:39:02	gap at KS
28/07/09	74611	10:16:09 - 10:18:42	gap at KS
28/07/09	74612	11:55:37 - 11:58:14	gap at KS
28/07/09	74613	13:34:37 - 13:37:10	gap at KS
28/07/09	74614	15:12:59 - 15:15:50	gap at KS
28/07/09	74615	16:50:36 - 16:53:19	gap at KS
28/07/09	74616	18:28:38 - 18:31:12	gap at KS
28/07/09	74617	20:07:54 - 20:10:00	gap at KS
28/07/09	74618	21:49:03 - 21:51:09	gap at KS
28/07/09	74619	23:32:55 - 23:34:33	gap at KS
28/07/09	74606	01:37:20 - 01:39:10	gap at GS
28/07/09	74607	03:15:33 - 03:17:30	gap at GS
28/07/09	74605	23:49:28 - 23:51:46	gap at MS
28/07/09	74611	10:30:22 - 10:33:01	gap at MS
28/07/09	74612	12:08:38 - 12:11:16	gap at MS
28/07/09	74619	23:17:46 - 23:20:06	gap at MS
28/07/09	74611	10:24:11 - 10:26:10	gap at MA
28/07/09	74607	03:10:41 - 03:13:08	gap at MI
28/07/09	74608	04:52:27 - 04:54:44	gap at MI
28/07/09	74614	15:30:54 - 15:33:17	gap at MI
28/07/09	74606	02:38:07 - 02:39:20	gap at MM
28/07/09	74610	09:25:01 - 09:26:28	gap at MM
28/07/09	74611	11:05:10 - 11:06:47	gap at MM
28/07/09	74613	14:24:46 - 14:26:09	gap at MM
28/07/09	74617	21:02:01 - 21:03:55	gap at MM
28/07/09	74614	14:58:46 - 15:01:24	gap at BE
28/07/09	74614	15:04:47 - 15:11:09	gap at BE

28/07/09	74606	02:15:24 - 02:17:31	gap at SG
28/07/09	74607	03:52:35 - 03:54:49	gap at SG
28/07/09	74613	14:48:28 - 14:53:05	gap at SG
28/07/09	74614	16:28:26 - 16:31:14	gap at SG
29/07/09	74619	00:12:03 - 00:26:41	gap at HO
29/07/09	74619	00:23:28 - 00:34:37	gap at MM
29/07/09	74620	01:55:11 - 02:04:13	gap at HO
29/07/09	74620	02:05:46 - 02:14:54	gap at MM
29/07/09	74621	03:10:14 - 03:23:37	gap at BE
29/07/09	74621	02:42:01 - 02:48:03	gap at CM
29/07/09	74621	04:17:40 - 04:29:59	gap at CM
29/07/09	74622	04:51:07 - 04:59:43	gap at BE
29/07/09	74622	05:31:31 - 05:37:19	gap at MM
29/07/09	74623	07:12:55 - 07:20:14	gap at MM
29/07/09	74623	06:52:53 - 07:04:14	gap at JO
29/07/09	74624	08:53:29 - 09:03:10	gap at MM
29/07/09	74624	08:14:39 - 08:25:16	gap at MA
29/07/09	74624	08:29:54 - 08:44:49	gap at JO
29/07/09	74625	10:33:42 - 10:45:13	gap at MM
29/07/09	74626	11:34:12 - 11:41:40	gap at MA
29/07/09	74627	13:53:28 - 14:06:12	gap at MM
29/07/09	74628	14:26:56 - 14:40:13	gap at BE
29/07/09	74628	14:53:57 - 15:06:32	gap at GS
29/07/09	74628	15:05:28 - 15:11:15	gap at CM
29/07/09	74629	16:33:04 - 16:46:37	gap at GS
29/07/09	74629	16:41:39 - 16:53:55	gap at CM
29/07/09	74630	18:51:20 - 19:03:57	gap at MM
29/07/09	74630	18:14:00 - 18:22:00	gap at GS
29/07/09	74630	19:13:02 - 19:22:23	gap at JO
29/07/09	74631	19:30:36 - 19:42:13	gap at MA
29/07/09	74631	20:49:54 - 21:04:55	gap at JO
29/07/09	74632	22:04:35 - 22:15:08	gap at HO
29/07/09	74632	22:10:39 - 22:23:10	gap at MM
29/07/09	74632	22:31:28 - 22:40:26	gap at JO
29/07/09	74633	23:41:02 - 23:55:25	gap at HO
29/07/09	74633	23:51:33 - 00:03:09	gap at MM
29/07/09	74631	19:36:31 - 19:38:39	gap at KS
29/07/09	74632	21:17:01 - 21:19:11	gap at KS
29/07/09	74633	22:59:53 - 23:01:58	gap at KS
29/07/09	74623	06:26:03 - 06:27:51	gap at KS
29/07/09	74624	08:05:13 - 08:07:44	gap at KS
29/07/09	74625	09:44:50 - 09:47:23	gap at KS
29/07/09	74626	11:24:23 - 11:27:00	gap at KS
29/07/09	74627	13:03:35 - 13:06:07	gap at KS
29/07/09	74628	14:42:17 - 14:44:54	gap at KS
29/07/09	74629	16:19:57 - 16:22:35	gap at KS
29/07/09	74630	17:57:47 - 18:00:41	gap at KS
29/07/09	74620	01:07:25 - 01:09:26	gap at GS

29/07/09	74621	02:44:13 - 02:46:24	gap at GS
29/07/09	74622	04:25:44 - 04:27:43	gap at GS
29/07/09	74626	11:37:20 - 11:40:02	gap at MS
29/07/09	74627	13:18:32 - 13:21:05	gap at MS
29/07/09	74633	22:46:41 - 22:48:49	gap at MS
29/07/09	74625	09:52:53 - 09:54:54	gap at MA
29/07/09	74632	21:08:48 - 21:11:34	gap at MA
29/07/09	74621	02:40:11 - 02:42:36	gap at MI
29/07/09	74622	04:19:29 - 04:21:53	gap at MI
29/07/09	74628	15:00:26 - 15:02:48	gap at MI
29/07/09	74629	16:39:07 - 16:41:37	gap at MI
29/07/09	74621	03:48:49 - 03:49:56	gap at MM
29/07/09	74626	12:13:42 - 12:15:23	gap at MM
29/07/09	74628	15:32:58 - 15:34:30	gap at MM
29/07/09	74629	17:12:12 - 17:14:31	gap at MM
29/07/09	74631	20:30:41 - 20:32:47	gap at MM
29/07/09	74621	03:21:15 - 03:24:57	gap at SG
29/07/09	74627	14:18:39 - 14:20:51	gap at SG
29/07/09	74628	15:56:15 - 15:58:54	gap at SG
30/07/09	74633	23:51:33 - 00:03:09	gap at MM
30/07/09	74634	01:21:35 - 01:34:05	gap at HO
30/07/09	74634	01:33:31 - 01:43:21	gap at MM
30/07/09	74635	03:16:24 - 03:23:53	gap at MM
30/07/09	74635	03:46:34 - 03:58:46	gap at CM
30/07/09	74636	03:47:33 - 04:00:44	gap at MI
30/07/09	74637	06:41:10 - 06:47:49	gap at MM
30/07/09	74637	05:55:25 - 05:59:51	gap at KS
30/07/09	74637	05:28:48 - 05:35:21	gap at CM
30/07/09	74637	06:24:28 - 06:31:10	gap at JO
30/07/09	74638	08:21:56 - 08:30:53	gap at MM
30/07/09	74638	07:58:43 - 08:13:37	gap at JO
30/07/09	74639	09:40:13 - 09:51:17	gap at JO
30/07/09	74641	13:22:08 - 13:34:51	gap at MM
30/07/09	74642	13:55:39 - 14:09:01	gap at BE
30/07/09	74642	15:11:46 - 15:20:07	gap at HO
30/07/09	74642	15:01:43 - 15:14:24	gap at MM
30/07/09	74642	14:23:23 - 14:33:54	gap at GS
30/07/09	74643	15:37:19 - 15:47:07	gap at BE
30/07/09	74643	16:01:44 - 16:15:39	gap at GS
30/07/09	74643	16:10:29 - 16:22:45	gap at CM
30/07/09	74644	17:42:00 - 17:52:38	gap at GS
30/07/09	74644	17:52:06 - 17:58:48	gap at CM
30/07/09	74645	19:59:25 - 20:12:08	gap at MM
30/07/09	74645	19:03:23 - 19:08:50	gap at MA
30/07/09	74645	20:18:50 - 20:33:32	gap at JO
30/07/09	74646	21:58:56 - 22:11:21	gap at JO
30/07/09	74647	23:10:12 - 23:24:04	gap at HO
30/07/09	74647	22:27:14 - 22:38:23	gap at KS



30/07/09	74638	07:33:58 - 07:36:03	gap at KS
30/07/09	74639	09:13:32 - 09:16:04	gap at KS
30/07/09	74640	10:53:08 - 10:55:42	gap at KS
30/07/09	74641	12:32:28 - 12:35:00	gap at KS
30/07/09	74642	14:11:20 - 14:13:58	gap at KS
30/07/09	74643	15:49:13 - 15:51:48	gap at KS
30/07/09	74644	17:27:07 - 17:29:44	gap at KS
30/07/09	74645	19:05:19 - 19:07:34	gap at KS
30/07/09	74646	20:45:13 - 20:47:21	gap at KS
30/07/09	74635	02:13:44 - 02:15:39	gap at GS
30/07/09	74636	03:53:12 - 03:55:18	gap at GS
30/07/09	74634	00:27:59 - 00:29:57	gap at MS
30/07/09	74640	11:06:16 - 11:08:55	gap at MS
30/07/09	74641	12:46:07 - 12:48:39	gap at MS
30/07/09	74647	22:16:13 - 22:18:19	gap at MS
30/07/09	74648	23:55:18 - 23:57:34	gap at MS
30/07/09	74639	09:21:42 - 09:23:41	gap at MA
30/07/09	74640	11:01:59 - 11:03:22	gap at MA
30/07/09	74646	20:37:14 - 20:40:32	gap at MA
30/07/09	74635	02:10:33 - 02:12:55	gap at MI
30/07/09	74642	14:31:02 - 14:33:15	gap at MI
30/07/09	74643	16:07:36 - 16:10:03	gap at MI
30/07/09	74644	17:50:36 - 17:52:43	gap at MI
30/07/09	74639	10:02:14 - 10:03:47	gap at MM
30/07/09	74640	11:42:18 - 11:44:00	gap at MM
30/07/09	74643	16:41:02 - 16:42:50	gap at MM
30/07/09	74644	18:20:10 - 18:22:52	gap at MM
30/07/09	74646	21:39:09 - 21:41:58	gap at MM
30/07/09	74647	23:19:43 - 23:21:33	gap at MM
30/07/09	74635	02:39:03 - 02:41:46	gap at BE
30/07/09	74636	04:19:03 - 04:21:39	gap at BE
30/07/09	74635	02:50:32 - 02:53:01	gap at SG
30/07/09	74635	03:02:15 - 03:03:30	gap at SG
30/07/09	74636	04:30:32 - 04:33:00	gap at SG
30/07/09	74636	04:33:59 - 04:41:41	gap at SG
31/07/09	74648	00:49:31 - 01:03:24	gap at HO
31/07/09	74648	01:01:21 - 01:11:50	gap at MM
31/07/09	74648	00:12:47 - 00:16:50	gap at KS
31/07/09	74649	02:44:00 - 02:52:14	gap at MM
31/07/09	74650	03:16:14 - 03:26:58	gap at CM
31/07/09	74650	04:55:25 - 05:06:06	gap at CM
31/07/09	74652	07:50:20 - 07:58:32	gap at MM
31/07/09	74652	07:28:08 - 07:42:04	gap at JO
31/07/09	74653	08:51:17 - 09:03:41	gap at MA
31/07/09	74653	09:07:30 - 09:21:11	gap at JO
31/07/09	74654	11:21:21 - 11:31:59	gap at HO
31/07/09	74654	10:29:51 - 10:41:53	gap at MA
31/07/09	74655	12:59:23 - 13:14:12	gap at HO

31/07/09	74655	12:50:47 - 13:03:25	gap at MM
31/07/09	74656	14:39:42 - 14:50:47	gap at HO
31/07/09	74657	15:04:37 - 15:16:44	gap at BE
31/07/09	74657	16:09:51 - 16:22:25	gap at MM
31/07/09	74657	15:36:31 - 15:49:38	gap at MI
31/07/09	74657	15:30:33 - 15:44:16	gap at GS
31/07/09	74657	15:39:57 - 15:50:48	gap at CM
31/07/09	74658	17:17:02 - 17:26:53	gap at MI
31/07/09	74658	17:10:18 - 17:22:39	gap at GS
31/07/09	74658	17:19:14 - 17:29:47	gap at CM
31/07/09	74659	19:28:11 - 19:40:52	gap at MM
31/07/09	74659	19:48:13 - 20:01:30	gap at JO
31/07/09	74660	21:07:44 - 21:20:26	gap at MM
31/07/09	74660	20:06:25 - 20:19:58	gap at MA
31/07/09	74660	21:27:04 - 21:41:17	gap at JO
31/07/09	74661	22:39:46 - 22:52:34	gap at HO
31/07/09	74661	22:48:00 - 23:00:16	gap at MM
31/07/09	74661	21:47:01 - 21:58:48	gap at MA
31/07/09	74652	07:02:46 - 07:04:46	gap at KS
31/07/09	74653	08:42:13 - 08:44:44	gap at KS
31/07/09	74654	10:21:50 - 10:24:26	gap at KS
31/07/09	74655	12:01:17 - 12:03:57	gap at KS
31/07/09	74656	13:40:16 - 13:42:50	gap at KS
31/07/09	74657	15:18:30 - 15:21:25	gap at KS
31/07/09	74658	16:56:11 - 16:58:53	gap at KS
31/07/09	74659	18:34:16 - 18:36:50	gap at KS
31/07/09	74660	20:13:37 - 20:15:40	gap at KS
31/07/09	74661	21:54:54 - 21:56:59	gap at KS
31/07/09	74662	23:38:58 - 23:40:49	gap at KS
31/07/09	74649	01:42:50 - 01:44:40	gap at GS
31/07/09	74650	03:21:18 - 03:23:22	gap at GS
31/07/09	74648	23:55:18 - 23:57:34	gap at MS
31/07/09	74654	10:35:51 - 10:38:31	gap at MS
31/07/09	74655	12:14:24 - 12:17:03	gap at MS
31/07/09	74662	23:23:29 - 23:25:47	gap at MS
31/07/09	74649	01:43:03 - 01:44:55	gap at MI
31/07/09	74653	09:30:44 - 09:32:12	gap at MM
31/07/09	74654	11:10:52 - 11:12:25	gap at MM
31/07/09	74656	14:30:27 - 14:31:52	gap at MM
31/07/09	74658	17:49:01 - 17:51:45	gap at MM
31/07/09	74649	02:08:10 - 02:10:55	gap at BE
31/07/09	74650	03:47:22 - 03:50:00	gap at BE
31/07/09	74649	02:20:41 - 02:22:50	gap at SG
31/07/09	74650	03:58:21 - 04:05:30	gap at SG
31/07/09	74656	14:53:59 - 14:56:17	gap at SG
31/07/09	74657	16:34:24 - 16:37:08	gap at SG

Lamp Failures: none

cooler switchings: none

Timeline interruptions:

Date	Orbit No.	Duration	remark
28/07/09	74614	Start 15:00 Stop 16:30	GOME in Nadir Static View

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
05/07/09	74277 - 74286	~00:00 (05/07/09) - ~18:00 (05/07/09)	Narrow Swath Timeline GMNNOT41 executed
14-15/07/09	74416 - 74429	~19:00 (14/07/09) - ~17:00 (15/07/09)	Narrow Swath Timeline GMNNOT41 executed
24-25/07/09	74560 - 74574	~20:30 (24/07/09) - ~20:00 (25/07/09)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
02/07/09	74234	02:33:55	Corrupted products at SG anomalous values for most parameters
02/07/09	74236	05:12:24	Corrupted products at MI anomalous values for most parameters
05/07/09	74285	15:01:21	Corrupted products at SG anomalous values for most parameters
09/07/09	74342	16:09:43	Corrupted products at SG anomalous values for most parameters
11/07/09	74368	11:57:28 - 12:04:23	anomalous long science dump at HL, no data processing possible
12/07/09	74383	11:25:54 - 11:31:23	anomalous long science dump at HL, no data processing possible
15/07/09	74425	10:52:23	Corrupted products at MS anomalous values for most parameters
18/07/09	74465	05:14:53	Corrupted products at GS anomalous values for most parameters
22/07/09	74521	03:43:17	Corrupted products at SG anomalous values for most parameters
23/07/09	74541	12:54:55	Corrupted products at KS anomalous values for most parameters
23/07/09	74541	14:05:22	Corrupted products at HL anomalous values for most parameters

25/07/09	74562	00:50:29	Corrupted products at HL anomalous values for most parameters
28/07/09	74616	Start 18:36:54 stop after 18:45:22 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/07/09	74617	Start 20:17:31 stop after 20:24:58 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/07/09	74617	Start before 21:03:55 (no visibility gs) stop 21:10:22	Calibration lamp instabilities: value at ca 180 V (nominal would be 198 V)
28/07/09	74618	Start before 21:43:10 (no visibility gs) stop 21:45:48	Calibration lamp instabilities: value at ca 180 V (nominal would be 198 V)
28/07/09	74618	Start 21:58:01 stop after 22:04:37 (no visibility gs)	Calibration lamp instabilities: dropdown at 180 V after 80 s (nominal would be 198 V)
28/07/09	74619	Start before 23:20:06 (no visibility gs) stop 23:26:24	Calibration lamp instabilities: value at ca 180 V (nominal would be 198 V)
28/07/09	74619	Start 23:38:36 stop after 23:44:08 (no visibility gs)	Calibration lamp instabilities: values alternating between ca 180 and ca 198 V(nominal would be 198 V)
29/07/09	74620	Start 01:04:50 stop 01:06:59	Calibration lamp instabilities: values at ca 180 V (nominal would be 198 V)
29/07/09	74620	Start 01:19:20 stop after 01:20:52 (no visibility gs)	Calibration lamp instabilities: dropdown at ca 180 V after 60s (nominal would be 198 V)
29/07/09	74621	Start before 02:45:27 (no visibility gs) stop 02:47:36	Calibration lamp instabilities: values at ca 181 V (nominal would be 198 V)