

GOME Operations for December 2008

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

GOME Operations during December 2008

Date	Operations	remark
01/12/08	data available within visibility of groundstation	start of sun calibration: 12:14:35.770
02/12/08	data available within visibility of groundstation	start of sun calibration: 11:42:56.710
03/12/08	data available within visibility of groundstation	start of sun calibration: 11:11:23.060
04/12/08	data available within visibility of groundstation	start of sun calibration: 10:39:49.650
05/12/08	data available within visibility of groundstation	start of sun calibration: 13:29:29.550
06/12/08	data available within visibility of groundstation	start of sun calibration: 12:57:56.210
07/12/08	data available within visibility of groundstation	start of sun calibration: 12:26:22.870
08/12/08	data available within visibility of groundstation	start of sun calibration: 11:54:43.530
09/12/08	data available within visibility of groundstation	start of sun calibration: 11:23:59
10/12/08	data available within visibility of groundstation	start of sun calibration: 10:51:36.860
11/12/08	data available within visibility of groundstation	start of sun calibration: 10:21:59.040
12/12/08	data available within visibility of groundstation	start of sun calibration: 13:09:37.426
13/12/08	data available within visibility of groundstation	start of sun calibration: 12:38:04.084
14/12/08	data available within visibility of groundstation	start of sun calibration: 12:06:23.970
15/12/08	data available within visibility of groundstation	start of sun calibration: 11:34:50.640
16/12/08	data available within visibility of groundstation	start of sun calibration: 11:04:56.330
17/12/08	data available within visibility of groundstation	start of sun calibration: 10:31:37.990
18/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 13:21:17.890
19/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
20/12/08	GOME OFF Start: 22:08:10 data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 12:18:05.150

21/12/08	GOME OFF Stop: 08:28:44 data available within visibility of groundstation Occurrences of padded frames channel 4	TST44: solar calibration mode with warm detectors, start: 10:05:50 (T~264 K) start of sun calibration: 11:46:26.180
22/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 11:14:52.930
23/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 10:43:13.450
24/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 13:32:49.240
25/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 13:01:09.870
26/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 12:29:36.500
27/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 11:57:57.100
28/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 11:26:17.700
29/12/08	data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 10:54:44.310
30/12/08	SEU data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 10:23:04.900
31/12/08	SEU data available within visibility of groundstation Occurrences of padded frames channel 4	start of sun calibration: 13:12:38.640

Anomalies:

single event upsets (SEU):

Date	Reason
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30-31/12/08	GOME anomaly started on 30/12/2008 at ~01:46, orbit 71600, intermittent cover error flag; the anomaly was cured with GOME Power Cycle (GMN11) on 31/12/2008, at ~14:18, orbit 71621; last occurrence was observed at ca 13:05
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list of datagaps:

Date	Orbit No.	duration	reason
01/12/08	71184	00:55:21 - 01:09:00	gap at HO
01/12/08	71184	01:07:11 - 01:17:33	gap at MM
01/12/08	71184	00:19:08 - 00:22:13	gap at KS
01/12/08	71185	02:49:53 - 02:57:59	gap at MM
01/12/08	71185	01:47:35 - 01:52:38	gap at MI
01/12/08	71186	04:32:58 - 04:39:02	gap at MM
01/12/08	71186	03:21:41 - 03:32:48	gap at CM
01/12/08	71187	06:15:08 - 06:21:20	gap at MM
01/12/08	71187	05:09:48 - 05:23:36	gap at PS
01/12/08	71188	07:56:05 - 08:04:25	gap at MM
01/12/08	71188	07:33:39 - 07:47:50	gap at JO
01/12/08	71189	09:36:28 - 09:47:02	gap at MM
01/12/08	71189	08:56:50 - 09:09:15	gap at MA
01/12/08	71189	09:13:23 - 09:26:43	gap at JO
01/12/08	71190	11:26:47 - 11:38:07	gap at HO
01/12/08	71190	11:16:35 - 11:28:37	gap at MM
01/12/08	71191	13:05:03 - 13:19:53	gap at HO
01/12/08	71191	12:56:29 - 13:09:09	gap at MM
01/12/08	71192	14:45:30 - 14:55:43	gap at HO
01/12/08	71192	14:36:08 - 14:48:51	gap at MM
01/12/08	71193	15:10:30 - 15:22:18	gap at BE
01/12/08	71193	16:15:31 - 16:28:05	gap at MM
01/12/08	71193	16:40:25 - 16:50:18	gap at SG
01/12/08	71194	17:54:41 - 18:07:14	gap at MM
01/12/08	71195	19:33:52 - 19:46:33	gap at MM
01/12/08	71195	19:53:44 - 20:07:23	gap at JO
01/12/08	71196	21:13:26 - 21:26:08	gap at MM
01/12/08	71196	20:11:59 - 20:25:42	gap at MA
01/12/08	71196	21:32:49 - 21:46:48	gap at JO
01/12/08	71197	22:45:17 - 22:58:18	gap at HO
01/12/08	71197	22:53:46 - 23:05:59	gap at MM
01/12/08	71197	21:52:54 - 22:04:22	gap at MA
01/12/08	71189	08:47:54 - 08:49:03	gap at KS
01/12/08	71190	10:27:32 - 10:28:41	gap at KS
01/12/08	71191	12:06:58 - 12:08:07	gap at KS
01/12/08	71192	13:45:54 - 13:47:06	gap at KS
01/12/08	71193	15:24:04 - 15:25:35	gap at KS
01/12/08	71194	17:01:47 - 17:03:01	gap at KS
01/12/08	71195	18:39:54 - 18:41:00	gap at KS
01/12/08	71190	10:41:22 - 10:42:35	gap at MS

01/12/08	71191	12:20:09 - 12:21:26	gap at MS
01/12/08	71198	23:29:13 - 23:30:21	gap at MS
01/12/08	71190	10:35:32 - 10:38:05	gap at MA
01/12/08	71186	03:28:31 - 03:35:17	gap at MI
01/12/08	71187	05:04:57 - 05:06:45	gap at MI
01/12/08	71193	15:48:05 - 15:55:22	gap at MI
01/12/08	71194	17:22:58 - 17:24:13	gap at MI
01/12/08	71185	02:13:45 - 02:15:05	gap at BE
01/12/08	71186	03:53:06 - 03:54:19	gap at BE
01/12/08	71185	02:26:01 - 02:33:20	gap at SG
01/12/08	71186	04:04:09 - 04:12:02	gap at SG
02/12/08	71198	00:23:24 - 00:38:02	gap at HO
02/12/08	71198	00:35:07 - 00:46:04	gap at MM
02/12/08	71199	01:43:12 - 01:53:46	gap at BE
02/12/08	71199	02:07:51 - 02:13:39	gap at HO
02/12/08	71199	02:17:31 - 02:26:23	gap at MM
02/12/08	71200	03:21:37 - 03:34:53	gap at BE
02/12/08	71200	04:00:36 - 04:07:10	gap at MM
02/12/08	71201	05:43:11 - 05:49:02	gap at MM
02/12/08	71202	07:24:26 - 07:32:02	gap at MM
02/12/08	71202	07:03:36 - 07:15:57	gap at JO
02/12/08	71203	09:04:57 - 09:14:53	gap at MM
02/12/08	71203	08:41:22 - 08:56:05	gap at JO
02/12/08	71204	10:45:09 - 10:56:48	gap at MM
02/12/08	71205	12:25:07 - 12:37:39	gap at MM
02/12/08	71205	11:45:54 - 11:52:02	gap at MA
02/12/08	71206	14:13:43 - 14:26:38	gap at HO
02/12/08	71206	14:04:51 - 14:17:35	gap at MM
02/12/08	71207	14:38:27 - 14:51:30	gap at BE
02/12/08	71207	15:44:19 - 15:56:55	gap at MM
02/12/08	71207	16:07:51 - 16:20:36	gap at SG
02/12/08	71208	17:23:32 - 17:36:03	gap at MM
02/12/08	71209	19:02:40 - 19:15:18	gap at MM
02/12/08	71209	18:08:58 - 18:22:25	gap at KS
02/12/08	71209	19:23:40 - 19:34:38	gap at JO
02/12/08	71210	20:42:04 - 20:54:48	gap at MM
02/12/08	71210	19:41:33 - 19:53:48	gap at MA
02/12/08	71210	19:47:55 - 20:01:54	gap at KS
02/12/08	71210	21:01:17 - 21:16:12	gap at JO
02/12/08	71211	22:15:19 - 22:26:43	gap at HO
02/12/08	71211	22:22:08 - 22:34:35	gap at MM
02/12/08	71211	21:28:38 - 21:41:32	gap at KS
02/12/08	71212	23:52:19 - 00:06:48	gap at HO
02/12/08	71212	23:11:51 - 23:20:54	gap at KS
02/12/08	71203	08:16:36 - 08:17:43	gap at KS
02/12/08	71204	09:56:14 - 09:57:24	gap at KS
02/12/08	71205	11:35:45 - 11:36:56	gap at KS
02/12/08	71206	13:14:53 - 13:16:02	gap at KS

02/12/08	71207	14:53:31 - 14:54:45	gap at KS
02/12/08	71208	16:31:09 - 16:32:22	gap at KS
02/12/08	71204	10:11:18 - 10:12:34	gap at MS
02/12/08	71205	11:48:38 - 11:50:08	gap at MS
02/12/08	71211	21:20:18 - 21:21:34	gap at MA
02/12/08	71207	15:18:11 - 15:23:29	gap at MI
02/12/08	71208	16:54:49 - 17:02:37	gap at MI
02/12/08	71200	03:32:34 - 03:41:14	gap at SG
02/12/08	71206	14:29:21 - 14:30:48	gap at SG
02/12/08	71200	02:52:14 - 02:54:29	gap at CM
02/12/08	71200	02:55:00 - 03:00:18	gap at CM
02/12/08	71200	04:29:10 - 04:31:37	gap at CM
02/12/08	71211	22:43:41 - 22:45:46	gap at JO
03/12/08	71212	23:52:19 - 00:06:48	gap at HO
03/12/08	71212	00:03:09 - 00:14:35	gap at MM
03/12/08	71213	01:33:31 - 01:45:08	gap at HO
03/12/08	71213	01:45:14 - 01:54:49	gap at MM
03/12/08	71214	02:50:22 - 03:03:44	gap at BE
03/12/08	71214	03:28:11 - 03:35:25	gap at MM
03/12/08	71215	04:30:39 - 04:41:02	gap at BE
03/12/08	71215	05:11:05 - 05:16:52	gap at MM
03/12/08	71216	06:52:44 - 06:59:37	gap at MM
03/12/08	71216	06:06:28 - 06:12:13	gap at KS
03/12/08	71217	08:33:24 - 08:42:38	gap at MM
03/12/08	71217	07:45:19 - 07:57:00	gap at KS
03/12/08	71217	07:55:59 - 08:01:45	gap at MA
03/12/08	71218	10:13:41 - 10:24:53	gap at MM
03/12/08	71218	09:24:55 - 09:38:41	gap at KS
03/12/08	71219	12:03:02 - 12:16:30	gap at HO
03/12/08	71219	11:53:43 - 12:06:04	gap at MM
03/12/08	71220	13:42:05 - 13:56:32	gap at HO
03/12/08	71220	13:33:32 - 13:46:15	gap at MM
03/12/08	71221	15:23:29 - 15:30:49	gap at HO
03/12/08	71221	15:13:05 - 15:25:44	gap at MM
03/12/08	71221	15:36:10 - 15:49:59	gap at SG
03/12/08	71222	15:49:31 - 15:57:56	gap at BE
03/12/08	71222	16:52:22 - 17:04:54	gap at MM
03/12/08	71223	18:31:30 - 18:44:05	gap at MM
03/12/08	71224	20:10:47 - 20:23:30	gap at MM
03/12/08	71224	19:13:16 - 19:21:17	gap at MA
03/12/08	71224	20:30:06 - 20:45:01	gap at JO
03/12/08	71225	21:46:15 - 21:54:40	gap at HO
03/12/08	71225	21:50:36 - 22:03:12	gap at MM
03/12/08	71225	20:48:34 - 21:02:17	gap at MA
03/12/08	71226	23:21:18 - 23:35:29	gap at HO
03/12/08	71226	23:31:17 - 23:43:08	gap at MM
03/12/08	71226	22:32:49 - 22:39:50	gap at MA
03/12/08	71219	11:04:30 - 11:05:41	gap at KS

03/12/08	71220	12:43:47 - 12:44:58	gap at KS
03/12/08	71221	14:22:36 - 14:23:51	gap at KS
03/12/08	71222	16:00:23 - 16:01:35	gap at KS
03/12/08	71223	17:38:18 - 17:39:32	gap at KS
03/12/08	71219	11:17:31 - 11:18:50	gap at MS
03/12/08	71220	12:57:51 - 12:59:02	gap at MS
03/12/08	71215	03:59:05 - 04:00:53	gap at MI
03/12/08	71215	04:04:36 - 04:11:57	gap at MI
03/12/08	71221	14:41:30 - 14:42:57	gap at MI
03/12/08	71221	14:43:12 - 14:50:38	gap at MI
03/12/08	71222	16:19:01 - 16:20:05	gap at MI
03/12/08	71221	14:06:58 - 14:08:13	gap at BE
03/12/08	71221	14:09:58 - 14:20:23	gap at BE
03/12/08	71214	03:01:37 - 03:03:50	gap at SG
03/12/08	71216	06:34:33 - 06:36:28	gap at JO
03/12/08	71217	08:10:00 - 08:12:56	gap at JO
03/12/08	71218	09:52:27 - 09:54:18	gap at JO
03/12/08	71225	22:10:39 - 22:12:39	gap at JO
04/12/08	71227	01:01:10 - 01:14:35	gap at HO
04/12/08	71227	01:13:02 - 01:23:17	gap at MM
04/12/08	71228	02:19:21 - 02:32:03	gap at BE
04/12/08	71228	02:55:46 - 03:03:45	gap at MM
04/12/08	71228	02:31:24 - 02:43:00	gap at SG
04/12/08	71229	04:38:50 - 04:44:50	gap at MM
04/12/08	71229	04:09:58 - 04:22:40	gap at SG
04/12/08	71229	03:27:10 - 03:38:37	gap at CM
04/12/08	71229	05:07:20 - 05:16:57	gap at CM
04/12/08	71230	06:20:55 - 06:27:13	gap at MM
04/12/08	71231	08:01:49 - 08:10:18	gap at MM
04/12/08	71232	09:42:12 - 09:52:52	gap at MM
04/12/08	71233	11:22:18 - 11:34:23	gap at MM
04/12/08	71234	13:02:11 - 13:14:52	gap at MM
04/12/08	71235	14:51:19 - 15:01:02	gap at HO
04/12/08	71235	14:41:50 - 14:54:32	gap at MM
04/12/08	71236	15:16:24 - 15:27:51	gap at BE
04/12/08	71236	16:21:11 - 16:33:45	gap at MM
04/12/08	71236	16:46:30 - 16:55:31	gap at SG
04/12/08	71237	18:00:21 - 18:12:54	gap at MM
04/12/08	71238	19:39:32 - 19:52:14	gap at MM
04/12/08	71238	18:44:46 - 18:48:51	gap at MA
04/12/08	71238	19:59:17 - 20:13:14	gap at JO
04/12/08	71239	21:19:09 - 21:31:50	gap at MM
04/12/08	71239	20:17:34 - 20:31:22	gap at MA
04/12/08	71240	22:50:51 - 23:04:01	gap at HO
04/12/08	71240	22:59:32 - 23:11:42	gap at MM
04/12/08	71240	21:58:48 - 22:09:54	gap at MA
04/12/08	71232	08:53:36 - 08:54:46	gap at KS
04/12/08	71233	10:33:13 - 10:34:25	gap at KS

04/12/08	71234	12:12:38 - 12:13:50	gap at KS
04/12/08	71235	13:51:32 - 13:52:47	gap at KS
04/12/08	71236	15:29:40 - 15:31:06	gap at KS
04/12/08	71237	17:07:22 - 17:08:37	gap at KS
04/12/08	71238	18:45:33 - 18:46:39	gap at KS
04/12/08	71233	10:46:51 - 10:48:07	gap at MS
04/12/08	71234	12:25:52 - 12:27:12	gap at MS
04/12/08	71228	01:54:23 - 01:58:54	gap at MI
04/12/08	71229	03:27:35 - 03:30:15	gap at MI
04/12/08	71229	03:32:50 - 03:40:58	gap at MI
04/12/08	71230	05:11:27 - 05:14:07	gap at MI
04/12/08	71230	05:14:10 - 05:16:34	gap at MI
04/12/08	71236	15:52:29 - 16:01:05	gap at MI
04/12/08	71237	17:28:57 - 17:30:31	gap at MI
04/12/08	71237	17:31:20 - 17:37:24	gap at MI
04/12/08	71229	03:58:51 - 04:00:05	gap at BE
04/12/08	71235	15:05:07 - 15:06:15	gap at SG
04/12/08	71235	15:13:12 - 15:18:43	gap at SG
04/12/08	71236	16:01:18 - 16:02:31	gap at CM
04/12/08	71237	17:38:04 - 17:40:32	gap at CM
04/12/08	71231	07:39:11 - 07:42:18	gap at JO
04/12/08	71231	07:52:32 - 07:53:35	gap at JO
04/12/08	71232	09:19:17 - 09:20:59	gap at JO
04/12/08	71239	21:38:36 - 21:40:19	gap at JO
04/12/08	71239	21:44:08 - 21:52:18	gap at JO
05/12/08	71241	00:29:05 - 00:43:42	gap at HO
05/12/08	71241	00:40:56 - 00:51:47	gap at MM
05/12/08	71242	01:48:43 - 01:59:44	gap at BE
05/12/08	71242	02:23:24 - 02:32:08	gap at MM
05/12/08	71243	04:06:29 - 04:12:57	gap at MM
05/12/08	71243	02:57:28 - 03:06:19	gap at CM
05/12/08	71243	04:34:57 - 04:46:47	gap at CM
05/12/08	71244	05:49:00 - 05:54:54	gap at MM
05/12/08	71245	07:30:12 - 07:37:55	gap at MM
05/12/08	71246	09:10:41 - 09:20:44	gap at MM
05/12/08	71247	10:50:52 - 11:02:36	gap at MM
05/12/08	71248	12:30:49 - 12:43:23	gap at MM
05/12/08	71248	11:51:59 - 11:57:05	gap at MA
05/12/08	71249	14:19:29 - 14:32:10	gap at HO
05/12/08	71249	14:10:32 - 14:23:16	gap at MM
05/12/08	71250	14:44:14 - 14:57:07	gap at BE
05/12/08	71250	15:49:59 - 16:02:35	gap at MM
05/12/08	71250	16:13:41 - 16:26:05	gap at SG
05/12/08	71251	17:29:12 - 17:41:43	gap at MM
05/12/08	71252	19:08:20 - 19:20:59	gap at MM
05/12/08	71252	19:29:04 - 19:40:41	gap at JO
05/12/08	71253	20:47:46 - 21:00:30	gap at MM
05/12/08	71253	19:47:03 - 19:59:41	gap at MA

05/12/08	71253	21:07:00 - 21:21:48	gap at JO
05/12/08	71254	22:20:43 - 22:32:30	gap at HO
05/12/08	71254	22:27:52 - 22:40:17	gap at MM
05/12/08	71255	23:57:58 - 00:12:29	gap at HO
05/12/08	71246	08:22:18 - 08:23:26	gap at KS
05/12/08	71247	10:01:55 - 10:03:07	gap at KS
05/12/08	71248	11:41:26 - 11:42:39	gap at KS
05/12/08	71249	13:20:31 - 13:21:41	gap at KS
05/12/08	71250	14:59:05 - 15:00:24	gap at KS
05/12/08	71251	16:36:42 - 16:37:59	gap at KS
05/12/08	71252	18:14:35 - 18:16:01	gap at KS
05/12/08	71247	10:16:43 - 10:18:01	gap at MS
05/12/08	71248	11:54:16 - 11:55:36	gap at MS
05/12/08	71255	23:03:33 - 23:04:34	gap at MS
05/12/08	71254	21:26:04 - 21:27:23	gap at MA
05/12/08	71243	03:01:18 - 03:09:34	gap at MI
05/12/08	71244	04:37:18 - 04:38:44	gap at MI
05/12/08	71244	04:40:33 - 04:47:49	gap at MI
05/12/08	71250	15:19:43 - 15:29:21	gap at MI
05/12/08	71251	16:56:30 - 16:57:48	gap at MI
05/12/08	71251	16:58:21 - 17:08:04	gap at MI
05/12/08	71243	03:27:20 - 03:28:36	gap at BE
05/12/08	71243	03:38:16 - 03:47:46	gap at SG
05/12/08	71249	14:34:46 - 14:36:58	gap at SG
05/12/08	71245	07:09:01 - 07:12:19	gap at JO
05/12/08	71246	08:47:08 - 08:50:17	gap at JO
05/12/08	71246	08:50:32 - 09:01:41	gap at JO
06/12/08	71255	23:57:58 - 00:12:29	gap at HO
06/12/08	71255	00:08:57 - 00:20:18	gap at MM
06/12/08	71256	01:39:30 - 01:50:39	gap at HO
06/12/08	71256	01:51:06 - 02:00:33	gap at MM
06/12/08	71257	03:34:05 - 03:41:11	gap at MM
06/12/08	71257	04:03:27 - 04:15:52	gap at CM
06/12/08	71258	05:16:55 - 05:22:42	gap at MM
06/12/08	71259	06:58:30 - 07:05:30	gap at MM
06/12/08	71260	08:39:09 - 08:48:30	gap at MM
06/12/08	71261	10:19:24 - 10:30:42	gap at MM
06/12/08	71262	11:59:26 - 12:11:49	gap at MM
06/12/08	71262	11:19:35 - 11:28:08	gap at MA
06/12/08	71263	13:39:14 - 13:51:57	gap at MM
06/12/08	71264	14:12:39 - 14:26:04	gap at BE
06/12/08	71264	15:18:46 - 15:31:25	gap at MM
06/12/08	71265	15:55:42 - 16:03:16	gap at BE
06/12/08	71265	16:58:02 - 17:10:34	gap at MM
06/12/08	71265	16:27:25 - 16:39:50	gap at CM
06/12/08	71266	18:37:10 - 18:49:46	gap at MM
06/12/08	71267	20:16:28 - 20:29:12	gap at MM
06/12/08	71267	19:19:03 - 19:27:39	gap at MA

06/12/08	71267	20:35:44 - 20:50:43	gap at JO
06/12/08	71268	21:51:29 - 22:00:32	gap at HO
06/12/08	71268	21:56:19 - 22:08:54	gap at MM
06/12/08	71269	23:26:55 - 23:41:11	gap at HO
06/12/08	71269	23:37:04 - 23:48:51	gap at MM
06/12/08	71269	22:39:11 - 22:45:05	gap at MA
06/12/08	71260	07:51:01 - 07:52:12	gap at KS
06/12/08	71261	09:30:36 - 09:31:47	gap at KS
06/12/08	71262	11:10:11 - 11:11:24	gap at KS
06/12/08	71263	12:49:27 - 12:50:39	gap at KS
06/12/08	71264	14:28:14 - 14:29:29	gap at KS
06/12/08	71265	16:05:58 - 16:07:12	gap at KS
06/12/08	71266	17:43:53 - 17:45:09	gap at KS
06/12/08	71262	11:23:09 - 11:24:28	gap at MS
06/12/08	71263	13:03:45 - 13:05:05	gap at MS
06/12/08	71268	20:54:15 - 20:55:36	gap at MA
06/12/08	71257	02:26:35 - 02:27:52	gap at MI
06/12/08	71257	02:29:56 - 02:37:42	gap at MI
06/12/08	71258	04:04:52 - 04:06:43	gap at MI
06/12/08	71258	04:08:51 - 04:17:32	gap at MI
06/12/08	71264	14:46:51 - 14:49:08	gap at MI
06/12/08	71264	14:51:40 - 14:56:43	gap at MI
06/12/08	71265	16:24:45 - 16:26:30	gap at MI
06/12/08	71265	16:29:50 - 16:37:46	gap at MI
06/12/08	71257	02:56:02 - 02:57:19	gap at BE
06/12/08	71258	04:36:28 - 04:37:45	gap at BE
06/12/08	71264	15:41:52 - 15:43:16	gap at SG
06/12/08	71259	06:39:43 - 06:41:43	gap at JO
06/12/08	71260	08:15:39 - 08:26:44	gap at JO
06/12/08	71266	19:00:16 - 19:02:38	gap at JO
06/12/08	71268	22:16:33 - 22:18:23	gap at JO
07/12/08	71270	01:06:59 - 01:20:11	gap at HO
07/12/08	71270	01:18:53 - 01:29:01	gap at MM
07/12/08	71271	03:01:40 - 03:09:30	gap at MM
07/12/08	71271	01:57:32 - 02:05:02	gap at MI
07/12/08	71271	03:32:40 - 03:44:24	gap at CM
07/12/08	71272	04:44:42 - 04:50:39	gap at MM
07/12/08	71272	05:13:22 - 05:22:18	gap at CM
07/12/08	71273	06:26:43 - 06:33:06	gap at MM
07/12/08	71273	05:18:28 - 05:21:00	gap at MI
07/12/08	71274	08:07:34 - 08:16:11	gap at MM
07/12/08	71275	09:47:55 - 09:58:41	gap at MM
07/12/08	71276	11:28:01 - 11:40:09	gap at MM
07/12/08	71277	13:07:53 - 13:20:34	gap at MM
07/12/08	71278	14:57:09 - 15:06:27	gap at HO
07/12/08	71278	14:47:31 - 15:00:12	gap at MM
07/12/08	71278	14:19:11 - 14:21:27	gap at MI
07/12/08	71279	15:22:20 - 15:33:23	gap at BE

07/12/08	71279	16:26:52 - 16:39:25	gap at MM
07/12/08	71279	16:52:40 - 17:00:40	gap at SG
07/12/08	71279	15:56:31 - 16:08:20	gap at CM
07/12/08	71280	18:06:01 - 18:18:34	gap at MM
07/12/08	71280	17:34:59 - 17:42:34	gap at MI
07/12/08	71280	17:36:57 - 17:45:51	gap at CM
07/12/08	71281	19:45:13 - 19:57:55	gap at MM
07/12/08	71281	18:50:20 - 18:54:34	gap at MA
07/12/08	71281	20:04:51 - 20:19:04	gap at JO
07/12/08	71282	21:24:51 - 21:37:32	gap at MM
07/12/08	71282	20:23:10 - 20:36:57	gap at MA
07/12/08	71283	22:56:27 - 23:09:45	gap at HO
07/12/08	71283	23:05:17 - 23:17:25	gap at MM
07/12/08	71283	22:05:21 - 22:15:25	gap at MA
07/12/08	71275	08:59:17 - 09:00:29	gap at KS
07/12/08	71276	10:38:54 - 10:40:08	gap at KS
07/12/08	71277	12:18:18 - 12:19:30	gap at KS
07/12/08	71278	13:57:12 - 13:58:29	gap at KS
07/12/08	71279	15:35:15 - 15:36:40	gap at KS
07/12/08	71280	17:13:03 - 17:14:21	gap at KS
07/12/08	71281	18:51:11 - 18:52:14	gap at KS
07/12/08	71276	10:52:20 - 10:53:38	gap at MS
07/12/08	71277	12:31:36 - 12:32:58	gap at MS
07/12/08	71272	03:33:16 - 03:34:34	gap at MI
07/12/08	71272	03:37:39 - 03:46:38	gap at MI
07/12/08	71279	15:57:00 - 16:06:47	gap at MI
07/12/08	71271	02:24:58 - 02:26:19	gap at BE
07/12/08	71272	04:04:36 - 04:05:51	gap at BE
07/12/08	71278	15:10:43 - 15:11:44	gap at SG
07/12/08	71274	07:44:45 - 07:48:40	gap at JO
07/12/08	71274	07:58:10 - 07:59:20	gap at JO
07/12/08	71275	09:25:13 - 09:27:06	gap at JO
07/12/08	71282	21:44:23 - 21:46:48	gap at JO
08/12/08	71284	00:34:57 - 00:49:22	gap at HO
08/12/08	71284	00:46:46 - 00:57:31	gap at MM
08/12/08	71285	02:29:17 - 02:37:52	gap at MM
08/12/08	71286	04:12:22 - 04:18:44	gap at MM
08/12/08	71286	03:02:46 - 03:12:16	gap at CM
08/12/08	71286	04:40:45 - 04:52:20	gap at CM
08/12/08	71287	05:54:49 - 06:00:46	gap at MM
08/12/08	71288	07:35:57 - 07:43:49	gap at MM
08/12/08	71289	09:16:25 - 09:26:35	gap at MM
08/12/08	71289	08:52:56 - 09:07:17	gap at JO
08/12/08	71290	10:56:35 - 11:08:23	gap at MM
08/12/08	71291	12:36:32 - 12:49:07	gap at MM
08/12/08	71292	14:25:15 - 14:37:34	gap at HO
08/12/08	71292	14:16:14 - 14:28:57	gap at MM
08/12/08	71293	14:50:02 - 15:02:44	gap at BE

08/12/08	71293	15:55:40 - 16:08:15	gap at MM
08/12/08	71293	16:19:34 - 16:31:32	gap at SG
08/12/08	71294	17:34:52 - 17:47:23	gap at MM
08/12/08	71294	17:02:20 - 17:13:29	gap at MI
08/12/08	71295	19:14:01 - 19:26:40	gap at MM
08/12/08	71295	19:34:30 - 19:46:40	gap at JO
08/12/08	71296	20:53:28 - 21:06:12	gap at MM
08/12/08	71296	19:52:34 - 20:05:33	gap at MA
08/12/08	71296	21:12:43 - 21:27:24	gap at JO
08/12/08	71297	22:26:09 - 22:38:14	gap at HO
08/12/08	71297	22:33:37 - 22:46:00	gap at MM
08/12/08	71297	21:31:52 - 21:44:50	gap at MA
08/12/08	71289	08:27:59 - 08:29:09	gap at KS
08/12/08	71290	10:07:37 - 10:08:50	gap at KS
08/12/08	71291	11:47:06 - 11:48:21	gap at KS
08/12/08	71292	13:26:10 - 13:27:21	gap at KS
08/12/08	71293	15:04:40 - 15:06:04	gap at KS
08/12/08	71294	16:42:16 - 16:43:34	gap at KS
08/12/08	71295	18:20:12 - 18:21:30	gap at KS
08/12/08	71290	10:22:09 - 10:23:29	gap at MS
08/12/08	71291	12:00:02 - 12:01:21	gap at MS
08/12/08	71298	23:09:13 - 23:10:17	gap at MS
08/12/08	71286	03:02:18 - 03:03:28	gap at MI
08/12/08	71286	03:07:38 - 03:15:18	gap at MI
08/12/08	71287	04:43:19 - 04:45:19	gap at MI
08/12/08	71287	04:45:21 - 04:53:13	gap at MI
08/12/08	71293	15:22:32 - 15:23:43	gap at MI
08/12/08	71293	15:27:13 - 15:35:10	gap at MI
08/12/08	71285	01:54:15 - 01:55:36	gap at BE
08/12/08	71286	03:33:02 - 03:34:22	gap at BE
08/12/08	71286	03:43:59 - 03:45:01	gap at SG
08/12/08	71286	03:55:01 - 03:57:41	gap at SG
08/12/08	71292	14:40:14 - 14:43:10	gap at SG
08/12/08	71292	14:46:08 - 14:52:39	gap at SG
08/12/08	71294	17:14:03 - 17:16:08	gap at CM
08/12/08	71288	07:14:27 - 07:16:10	gap at JO
09/12/08	71298	00:03:36 - 00:18:10	gap at HO
09/12/08	71298	00:14:45 - 00:26:02	gap at MM
09/12/08	71299	01:45:47 - 01:56:09	gap at HO
09/12/08	71299	01:56:58 - 02:06:18	gap at MM
09/12/08	71300	03:01:42 - 03:15:07	gap at BE
09/12/08	71300	03:39:58 - 03:46:57	gap at MM
09/12/08	71300	02:32:00 - 02:43:32	gap at MI
09/12/08	71301	04:42:19 - 04:51:45	gap at BE
09/12/08	71301	05:22:46 - 05:28:32	gap at MM
09/12/08	71301	04:10:42 - 04:23:06	gap at MI
09/12/08	71302	07:04:16 - 07:11:24	gap at MM
09/12/08	71303	08:44:53 - 08:54:22	gap at MM

09/12/08	71304	10:25:08 - 10:36:30	gap at MM
09/12/08	71305	12:05:08 - 12:17:34	gap at MM
09/12/08	71305	11:25:28 - 11:33:40	gap at MA
09/12/08	71306	13:44:55 - 13:57:39	gap at MM
09/12/08	71306	14:10:46 - 14:19:55	gap at SG
09/12/08	71307	14:18:21 - 14:31:44	gap at BE
09/12/08	71307	15:24:27 - 15:37:05	gap at MM
09/12/08	71307	14:52:15 - 15:02:44	gap at MI
09/12/08	71308	16:02:00 - 16:08:31	gap at BE
09/12/08	71308	17:03:42 - 17:16:14	gap at MM
09/12/08	71309	18:42:50 - 18:55:26	gap at MM
09/12/08	71310	20:22:09 - 20:34:53	gap at MM
09/12/08	71310	19:24:22 - 19:33:29	gap at MA
09/12/08	71310	20:41:24 - 20:56:25	gap at JO
09/12/08	71311	21:56:39 - 22:06:24	gap at HO
09/12/08	71311	22:02:03 - 22:14:36	gap at MM
09/12/08	71312	23:32:31 - 23:46:53	gap at HO
09/12/08	71312	23:42:51 - 23:54:34	gap at MM
09/12/08	71312	22:45:40 - 22:50:13	gap at MA
09/12/08	71303	07:56:42 - 07:57:52	gap at KS
09/12/08	71304	09:36:18 - 09:37:30	gap at KS
09/12/08	71305	11:15:52 - 11:17:07	gap at KS
09/12/08	71306	12:55:06 - 12:56:19	gap at KS
09/12/08	71307	14:33:51 - 14:35:08	gap at KS
09/12/08	71308	16:11:32 - 16:12:49	gap at KS
09/12/08	71309	17:49:27 - 17:50:53	gap at KS
09/12/08	71305	11:28:48 - 11:30:46	gap at MS
09/12/08	71306	13:09:38 - 13:10:54	gap at MS
09/12/08	71312	22:38:18 - 22:39:18	gap at MS
09/12/08	71311	21:00:04 - 21:01:31	gap at MA
09/12/08	71308	16:30:29 - 16:32:30	gap at MI
09/12/08	71308	16:34:58 - 16:43:20	gap at MI
09/12/08	71300	03:12:48 - 03:23:11	gap at SG
09/12/08	71301	04:54:46 - 04:58:03	gap at SG
09/12/08	71307	15:47:36 - 15:49:02	gap at SG
09/12/08	71302	06:44:57 - 06:47:10	gap at JO
09/12/08	71303	08:21:20 - 08:25:39	gap at JO
09/12/08	71304	10:05:02 - 10:07:11	gap at JO
09/12/08	71309	19:05:16 - 19:07:22	gap at JO
09/12/08	71311	22:22:29 - 22:25:12	gap at JO
10/12/08	71313	01:12:47 - 01:25:45	gap at HO
10/12/08	71313	01:24:44 - 01:34:45	gap at MM
10/12/08	71314	02:30:36 - 02:43:38	gap at BE
10/12/08	71314	03:07:33 - 03:15:15	gap at MM
10/12/08	71314	02:02:41 - 02:11:05	gap at MI
10/12/08	71315	04:10:23 - 04:22:02	gap at BE
10/12/08	71315	04:50:34 - 04:56:28	gap at MM
10/12/08	71316	06:32:30 - 06:38:59	gap at MM

10/12/08	71317	08:13:19 - 08:22:04	gap at MM
10/12/08	71318	09:53:39 - 10:04:31	gap at MM
10/12/08	71319	11:33:44 - 11:45:55	gap at MM
10/12/08	71320	13:13:35 - 13:26:17	gap at MM
10/12/08	71321	15:03:00 - 15:11:56	gap at HO
10/12/08	71321	14:53:12 - 15:05:53	gap at MM
10/12/08	71321	14:23:33 - 14:28:32	gap at MI
10/12/08	71321	15:16:20 - 15:30:09	gap at SG
10/12/08	71322	15:28:18 - 15:38:54	gap at BE
10/12/08	71322	16:32:32 - 16:45:04	gap at MM
10/12/08	71322	16:58:57 - 17:05:41	gap at SG
10/12/08	71323	18:11:41 - 18:24:14	gap at MM
10/12/08	71323	17:41:07 - 17:47:37	gap at MI
10/12/08	71324	19:50:54 - 20:03:36	gap at MM
10/12/08	71324	18:55:53 - 19:00:17	gap at MA
10/12/08	71324	20:10:26 - 20:24:52	gap at JO
10/12/08	71325	21:30:34 - 21:43:14	gap at MM
10/12/08	71326	23:01:58 - 23:15:29	gap at HO
10/12/08	71326	23:11:04 - 23:23:07	gap at MM
10/12/08	71327	23:46:33 - 23:59:20	gap at MS
10/12/08	71318	09:04:59 - 09:06:12	gap at KS
10/12/08	71319	10:44:36 - 10:45:51	gap at KS
10/12/08	71320	12:23:58 - 12:25:13	gap at KS
10/12/08	71321	14:02:51 - 14:04:09	gap at KS
10/12/08	71322	15:40:50 - 15:42:11	gap at KS
10/12/08	71323	17:18:41 - 17:19:58	gap at KS
10/12/08	71319	10:57:45 - 10:59:06	gap at MS
10/12/08	71320	12:37:22 - 12:38:36	gap at MS
10/12/08	71325	20:28:47 - 20:30:49	gap at MA
10/12/08	71315	03:38:58 - 03:40:17	gap at MI
10/12/08	71315	03:41:01 - 03:52:17	gap at MI
10/12/08	71322	15:59:05 - 16:00:29	gap at MI
10/12/08	71322	16:01:40 - 16:12:28	gap at MI
10/12/08	71314	02:42:17 - 02:48:35	gap at SG
10/12/08	71315	04:21:40 - 04:25:05	gap at SG
10/12/08	71317	07:50:19 - 07:52:16	gap at JO
10/12/08	71317	08:03:56 - 08:05:03	gap at JO
10/12/08	71318	09:31:11 - 09:33:00	gap at JO
10/12/08	71325	21:50:11 - 21:53:07	gap at JO
11/12/08	71327	00:40:48 - 00:54:59	gap at HO
11/12/08	71327	00:52:36 - 01:03:14	gap at MM
11/12/08	71328	02:35:10 - 02:43:37	gap at MM
11/12/08	71328	02:12:47 - 02:22:01	gap at SG
11/12/08	71329	04:18:15 - 04:24:32	gap at MM
11/12/08	71330	06:00:37 - 06:06:38	gap at MM
11/12/08	71330	04:49:23 - 04:58:34	gap at MI
11/12/08	71331	07:41:42 - 07:49:42	gap at MM
11/12/08	71331	07:19:54 - 07:33:24	gap at JO

11/12/08	71332	09:22:09 - 09:32:26	gap at MM
11/12/08	71333	11:02:18 - 11:14:10	gap at MM
11/12/08	71334	12:42:14 - 12:54:50	gap at MM
11/12/08	71335	14:31:02 - 14:42:51	gap at HO
11/12/08	71335	14:21:55 - 14:34:38	gap at MM
11/12/08	71336	14:55:51 - 15:08:21	gap at BE
11/12/08	71336	16:01:20 - 16:13:55	gap at MM
11/12/08	71336	16:25:28 - 16:36:57	gap at SG
11/12/08	71337	17:40:31 - 17:53:03	gap at MM
11/12/08	71338	19:19:41 - 19:32:20	gap at MM
11/12/08	71338	19:39:58 - 19:52:38	gap at JO
11/12/08	71339	20:59:10 - 21:11:53	gap at MM
11/12/08	71340	22:31:35 - 22:43:58	gap at HO
11/12/08	71340	22:39:22 - 22:51:42	gap at MM
11/12/08	71340	21:37:41 - 21:50:26	gap at MA
11/12/08	71332	08:33:40 - 08:34:53	gap at KS
11/12/08	71333	10:13:18 - 10:14:36	gap at KS
11/12/08	71334	11:52:47 - 11:54:02	gap at KS
11/12/08	71335	13:31:48 - 13:33:03	gap at KS
11/12/08	71336	15:10:13 - 15:11:44	gap at KS
11/12/08	71337	16:47:50 - 16:49:13	gap at KS
11/12/08	71338	18:25:49 - 18:27:05	gap at KS
11/12/08	71333	10:27:38 - 10:29:02	gap at MS
11/12/08	71334	12:05:46 - 12:07:01	gap at MS
11/12/08	71341	23:14:55 - 23:15:57	gap at MS
11/12/08	71339	19:58:05 - 19:59:25	gap at MA
11/12/08	71329	03:07:53 - 03:09:00	gap at MI
11/12/08	71329	03:09:20 - 03:21:02	gap at MI
11/12/08	71336	15:28:07 - 15:30:39	gap at MI
11/12/08	71336	15:32:11 - 15:40:58	gap at MI
11/12/08	71337	17:08:12 - 17:18:12	gap at MI
11/12/08	71328	01:59:48 - 02:01:36	gap at BE
11/12/08	71329	03:38:46 - 03:40:10	gap at BE
11/12/08	71329	03:56:23 - 04:03:17	gap at SG
11/12/08	71335	14:45:43 - 14:49:05	gap at SG
11/12/08	71332	08:58:44 - 09:01:19	gap at JO
11/12/08	71339	21:18:27 - 21:20:03	gap at JO
12/12/08	71341	00:09:13 - 00:23:50	gap at HO
12/12/08	71341	00:20:34 - 00:31:45	gap at MM
12/12/08	71342	01:52:05 - 02:01:33	gap at HO
12/12/08	71342	02:02:50 - 02:12:02	gap at MM
12/12/08	71343	03:07:23 - 03:20:47	gap at BE
12/12/08	71343	03:45:52 - 03:52:43	gap at MM
12/12/08	71343	02:37:27 - 02:49:21	gap at MI
12/12/08	71343	03:18:25 - 03:32:16	gap at SG
12/12/08	71344	04:48:11 - 04:57:04	gap at BE
12/12/08	71344	05:28:36 - 05:34:23	gap at MM
12/12/08	71344	04:16:33 - 04:28:38	gap at MI

12/12/08	71345	07:10:02 - 07:17:18	gap at MM
12/12/08	71346	08:50:37 - 09:00:14	gap at MM
12/12/08	71347	10:30:51 - 10:42:18	gap at MM
12/12/08	71348	12:10:51 - 12:23:18	gap at MM
12/12/08	71348	11:31:18 - 11:39:02	gap at MA
12/12/08	71349	13:50:37 - 14:03:21	gap at MM
12/12/08	71350	14:24:04 - 14:37:23	gap at BE
12/12/08	71350	15:30:07 - 15:42:45	gap at MM
12/12/08	71350	14:57:42 - 15:08:43	gap at MI
12/12/08	71351	17:09:22 - 17:21:54	gap at MM
12/12/08	71352	18:48:30 - 19:01:07	gap at MM
12/12/08	71352	19:10:25 - 19:19:16	gap at JO
12/12/08	71353	20:27:50 - 20:40:34	gap at MM
12/12/08	71353	19:27:53 - 19:39:19	gap at MA
12/12/08	71353	20:47:04 - 21:02:05	gap at JO
12/12/08	71354	22:01:54 - 22:12:13	gap at HO
12/12/08	71354	22:07:47 - 22:20:19	gap at MM
12/12/08	71354	22:28:28 - 22:37:51	gap at JO
12/12/08	71355	23:38:11 - 23:52:34	gap at HO
12/12/08	71355	23:48:39 - 00:00:17	gap at MM
12/12/08	71346	08:02:23 - 08:03:35	gap at KS
12/12/08	71347	09:42:00 - 09:43:15	gap at KS
12/12/08	71348	11:21:33 - 11:22:48	gap at KS
12/12/08	71349	13:00:45 - 13:01:59	gap at KS
12/12/08	71350	14:39:28 - 14:40:48	gap at KS
12/12/08	71351	16:17:09 - 16:18:28	gap at KS
12/12/08	71352	17:55:00 - 17:56:34	gap at KS
12/12/08	71348	11:34:30 - 11:37:00	gap at MS
12/12/08	71349	13:15:33 - 13:16:50	gap at MS
12/12/08	71354	21:05:56 - 21:07:19	gap at MA
12/12/08	71350	15:53:22 - 15:54:51	gap at SG
12/12/08	71350	16:01:23 - 16:06:46	gap at SG
12/12/08	71345	06:50:14 - 06:52:26	gap at JO
12/12/08	71346	08:27:02 - 08:28:52	gap at JO
13/12/08	71355	23:48:39 - 00:00:17	gap at MM
13/12/08	71356	01:18:39 - 01:31:19	gap at HO
13/12/08	71356	01:30:35 - 01:40:29	gap at MM
13/12/08	71356	00:35:33 - 00:42:46	gap at GS
13/12/08	71357	02:36:14 - 02:49:24	gap at BE
13/12/08	71357	03:13:27 - 03:21:01	gap at MM
13/12/08	71357	02:47:47 - 03:00:36	gap at SG
13/12/08	71358	04:16:09 - 04:27:29	gap at BE
13/12/08	71358	04:56:26 - 05:02:17	gap at MM
13/12/08	71359	06:38:17 - 06:44:53	gap at MM
13/12/08	71359	05:52:41 - 05:56:43	gap at KS
13/12/08	71359	05:25:39 - 05:32:48	gap at CM
13/12/08	71359	06:22:01 - 06:28:01	gap at JO
13/12/08	71360	08:19:03 - 08:27:57	gap at MM

13/12/08	71361	09:59:22 - 10:10:21	gap at MM
13/12/08	71361	09:37:12 - 09:48:35	gap at JO
13/12/08	71362	11:39:27 - 11:51:41	gap at MM
13/12/08	71363	13:19:17 - 13:32:00	gap at MM
13/12/08	71364	15:08:50 - 15:17:23	gap at HO
13/12/08	71364	14:58:53 - 15:11:33	gap at MM
13/12/08	71364	15:21:58 - 15:35:51	gap at SG
13/12/08	71365	15:34:18 - 15:44:23	gap at BE
13/12/08	71365	16:38:12 - 16:50:44	gap at MM
13/12/08	71365	16:07:41 - 16:19:53	gap at CM
13/12/08	71366	18:17:20 - 18:29:54	gap at MM
13/12/08	71366	17:49:02 - 17:56:15	gap at CM
13/12/08	71367	19:56:34 - 20:09:17	gap at MM
13/12/08	71367	19:00:51 - 19:05:59	gap at MA
13/12/08	71367	20:16:02 - 20:30:39	gap at JO
13/12/08	71368	21:36:17 - 21:48:56	gap at MM
13/12/08	71368	20:34:25 - 20:48:06	gap at MA
13/12/08	71369	23:07:28 - 23:21:12	gap at HO
13/12/08	71369	23:16:50 - 23:28:50	gap at MM
13/12/08	71361	09:10:41 - 09:11:55	gap at KS
13/12/08	71362	10:50:17 - 10:51:33	gap at KS
13/12/08	71363	12:29:38 - 12:30:55	gap at KS
13/12/08	71364	14:08:31 - 14:09:51	gap at KS
13/12/08	71365	15:46:25 - 15:47:44	gap at KS
13/12/08	71366	17:24:18 - 17:25:38	gap at KS
13/12/08	71365	15:58:53 - 16:07:26	gap at GS
13/12/08	71362	11:03:28 - 11:04:48	gap at MS
13/12/08	71363	12:43:10 - 12:44:31	gap at MS
13/12/08	71370	23:52:23 - 23:53:23	gap at MS
13/12/08	71358	04:27:34 - 04:35:38	gap at SG
13/12/08	71360	07:55:55 - 08:01:12	gap at JO
13/12/08	71368	21:56:01 - 21:58:01	gap at JO
14/12/08	71370	00:46:36 - 01:00:36	gap at HO
14/12/08	71370	00:58:26 - 01:08:58	gap at MM
14/12/08	71370	00:09:39 - 00:14:06	gap at KS
14/12/08	71371	02:41:03 - 02:49:22	gap at MM
14/12/08	71372	04:24:08 - 04:30:20	gap at MM
14/12/08	71372	03:13:31 - 03:24:03	gap at CM
14/12/08	71372	04:52:28 - 05:03:21	gap at CM
14/12/08	71373	06:06:26 - 06:12:31	gap at MM
14/12/08	71374	07:47:27 - 07:55:35	gap at MM
14/12/08	71375	09:27:52 - 09:38:16	gap at MM
14/12/08	71376	11:18:38 - 11:28:55	gap at HO
14/12/08	71376	11:08:01 - 11:19:57	gap at MM
14/12/08	71377	12:56:33 - 13:11:22	gap at HO
14/12/08	71377	12:47:56 - 13:00:34	gap at MM
14/12/08	71378	14:36:49 - 14:48:20	gap at HO
14/12/08	71378	14:27:37 - 14:40:19	gap at MM

14/12/08	71379	15:01:41 - 15:13:56	gap at BE
14/12/08	71379	16:07:01 - 16:19:35	gap at MM
14/12/08	71379	16:31:25 - 16:42:19	gap at SG
14/12/08	71379	15:37:12 - 15:47:51	gap at CM
14/12/08	71380	17:46:11 - 17:58:43	gap at MM
14/12/08	71380	17:16:18 - 17:27:04	gap at CM
14/12/08	71381	19:25:21 - 19:38:01	gap at MM
14/12/08	71381	19:45:27 - 19:58:33	gap at JO
14/12/08	71382	21:04:52 - 21:17:35	gap at MM
14/12/08	71383	22:37:02 - 22:49:42	gap at HO
14/12/08	71383	22:45:08 - 22:57:25	gap at MM
14/12/08	71383	21:43:49 - 21:56:01	gap at MA
14/12/08	71375	08:39:22 - 08:40:36	gap at KS
14/12/08	71376	10:19:00 - 10:20:16	gap at KS
14/12/08	71377	11:58:27 - 11:59:43	gap at KS
14/12/08	71378	13:37:27 - 13:38:44	gap at KS
14/12/08	71379	15:15:45 - 15:17:22	gap at KS
14/12/08	71380	16:53:24 - 16:54:48	gap at KS
14/12/08	71381	18:31:27 - 18:32:45	gap at KS
14/12/08	71383	22:02:38 - 22:04:17	gap at KS
14/12/08	71370	23:52:23 - 23:53:23	gap at MS
14/12/08	71376	10:33:07 - 10:34:30	gap at MS
14/12/08	71377	12:11:30 - 12:12:55	gap at MS
14/12/08	71384	23:20:37 - 23:21:40	gap at MS
14/12/08	71382	20:03:38 - 20:05:01	gap at MA
14/12/08	71371	02:05:22 - 02:06:54	gap at BE
14/12/08	71372	03:44:30 - 03:45:54	gap at BE
14/12/08	71371	02:18:02 - 02:21:42	gap at SG
14/12/08	71372	03:55:28 - 04:03:06	gap at SG
14/12/08	71378	14:51:13 - 14:52:17	gap at SG
14/12/08	71374	07:25:23 - 07:27:23	gap at JO
14/12/08	71375	09:04:35 - 09:06:28	gap at JO
14/12/08	71382	21:24:11 - 21:25:54	gap at JO
15/12/08	71384	00:14:53 - 00:29:31	gap at HO
15/12/08	71384	00:26:23 - 00:37:28	gap at MM
15/12/08	71385	01:58:12 - 02:06:52	gap at HO
15/12/08	71385	02:08:43 - 02:17:46	gap at MM
15/12/08	71386	03:51:46 - 03:58:30	gap at MM
15/12/08	71386	02:44:32 - 02:51:09	gap at CM
15/12/08	71386	04:20:32 - 04:32:48	gap at CM
15/12/08	71387	04:54:04 - 05:02:21	gap at BE
15/12/08	71387	05:34:26 - 05:40:15	gap at MM
15/12/08	71388	07:15:48 - 07:23:11	gap at MM
15/12/08	71389	08:56:21 - 09:06:06	gap at MM
15/12/08	71390	10:36:34 - 10:48:06	gap at MM
15/12/08	71391	12:16:33 - 12:29:03	gap at MM
15/12/08	71391	11:37:06 - 11:44:17	gap at MA
15/12/08	71392	13:56:19 - 14:09:03	gap at MM

15/12/08	71393	14:29:49 - 14:43:02	gap at BE
15/12/08	71393	15:35:48 - 15:48:25	gap at MM
15/12/08	71393	15:07:58 - 15:14:27	gap at CM
15/12/08	71394	17:15:02 - 17:27:33	gap at MM
15/12/08	71394	16:44:31 - 16:56:43	gap at CM
15/12/08	71395	18:54:10 - 19:06:47	gap at MM
15/12/08	71395	19:15:40 - 19:25:29	gap at JO
15/12/08	71396	20:33:32 - 20:46:16	gap at MM
15/12/08	71396	19:33:20 - 19:45:07	gap at MA
15/12/08	71396	20:52:45 - 21:07:45	gap at JO
15/12/08	71397	22:07:17 - 22:18:02	gap at HO
15/12/08	71397	22:13:31 - 22:26:01	gap at MM
15/12/08	71397	21:11:40 - 21:24:56	gap at MA
15/12/08	71397	21:19:55 - 21:32:59	gap at KS
15/12/08	71397	22:34:29 - 22:43:00	gap at JO
15/12/08	71398	23:43:52 - 23:58:16	gap at HO
15/12/08	71398	23:54:26 - 00:06:00	gap at MM
15/12/08	71398	22:49:29 - 23:02:42	gap at MS
15/12/08	71398	23:02:52 - 23:12:25	gap at KS
15/12/08	71389	08:08:04 - 08:09:17	gap at KS
15/12/08	71390	09:47:41 - 09:48:57	gap at KS
15/12/08	71391	11:27:14 - 11:28:32	gap at KS
15/12/08	71392	13:06:24 - 13:07:40	gap at KS
15/12/08	71393	14:45:06 - 14:46:27	gap at KS
15/12/08	71394	16:22:45 - 16:24:07	gap at KS
15/12/08	71395	18:00:34 - 18:02:11	gap at KS
15/12/08	71391	11:40:10 - 11:41:34	gap at MS
15/12/08	71392	13:21:33 - 13:22:52	gap at MS
15/12/08	71386	03:13:04 - 03:16:07	gap at BE
15/12/08	71386	03:24:04 - 03:26:14	gap at SG
15/12/08	71386	03:26:40 - 03:37:57	gap at SG
15/12/08	71393	15:59:08 - 16:00:43	gap at SG
15/12/08	71388	06:55:33 - 06:57:38	gap at JO
15/12/08	71389	08:32:45 - 08:36:06	gap at JO
16/12/08	71398	23:54:26 - 00:06:00	gap at MM
16/12/08	71399	01:24:35 - 01:36:51	gap at HO
16/12/08	71399	01:36:27 - 01:46:13	gap at MM
16/12/08	71400	03:19:21 - 03:26:46	gap at MM
16/12/08	71400	02:53:18 - 03:06:25	gap at SG
16/12/08	71401	04:21:57 - 04:32:55	gap at BE
16/12/08	71401	05:02:18 - 05:08:07	gap at MM
16/12/08	71402	06:44:04 - 06:50:46	gap at MM
16/12/08	71402	05:58:10 - 06:02:58	gap at KS
16/12/08	71402	06:26:56 - 06:34:15	gap at JO
16/12/08	71403	08:24:48 - 08:33:49	gap at MM
16/12/08	71403	08:01:32 - 08:16:28	gap at JO
16/12/08	71404	10:05:06 - 10:16:10	gap at MM
16/12/08	71404	09:43:15 - 09:53:58	gap at JO

16/12/08	71405	11:54:36 - 12:07:41	gap at HO
16/12/08	71405	11:45:09 - 11:57:26	gap at MM
16/12/08	71406	13:33:31 - 13:48:11	gap at HO
16/12/08	71406	13:24:59 - 13:37:42	gap at MM
16/12/08	71407	13:58:29 - 14:11:52	gap at BE
16/12/08	71407	15:14:42 - 15:22:49	gap at HO
16/12/08	71407	15:04:34 - 15:17:14	gap at MM
16/12/08	71408	15:40:21 - 15:49:50	gap at BE
16/12/08	71408	16:43:52 - 16:56:24	gap at MM
16/12/08	71409	18:23:00 - 18:35:35	gap at MM
16/12/08	71410	20:02:15 - 20:14:58	gap at MM
16/12/08	71410	19:05:58 - 19:12:57	gap at MA
16/12/08	71410	20:21:39 - 20:36:24	gap at JO
16/12/08	71411	21:42:00 - 21:54:38	gap at MM
16/12/08	71411	20:40:04 - 20:53:45	gap at MA
16/12/08	71411	22:01:51 - 22:14:02	gap at JO
16/12/08	71412	23:12:57 - 23:26:55	gap at HO
16/12/08	71412	23:22:37 - 23:34:33	gap at MM
16/12/08	71412	22:23:31 - 22:31:48	gap at MA
16/12/08	71404	09:16:22 - 09:17:39	gap at KS
16/12/08	71405	10:55:58 - 10:57:17	gap at KS
16/12/08	71406	12:35:18 - 12:45:40	gap at KS
16/12/08	71407	14:14:09 - 14:15:32	gap at KS
16/12/08	71408	15:52:00 - 15:53:19	gap at KS
16/12/08	71409	17:29:55 - 17:31:16	gap at KS
16/12/08	71405	11:09:05 - 11:10:30	gap at MS
16/12/08	71406	12:49:04 - 12:50:23	gap at MS
16/12/08	71413	23:58:14 - 23:59:17	gap at MS
16/12/08	71401	03:50:25 - 03:52:16	gap at MI
16/12/08	71400	02:41:53 - 02:43:18	gap at BE
16/12/08	71407	15:27:38 - 15:28:54	gap at SG
16/12/08	71407	15:36:41 - 15:41:31	gap at SG
16/12/08	71408	16:13:18 - 16:14:44	gap at CM
16/12/08	71409	17:55:12 - 17:56:13	gap at CM
17/12/08	71413	00:52:26 - 01:06:12	gap at HO
17/12/08	71413	01:04:16 - 01:14:42	gap at MM
17/12/08	71413	00:15:56 - 00:19:32	gap at KS
17/12/08	71414	02:46:56 - 02:55:07	gap at MM
17/12/08	71415	03:50:14 - 04:02:46	gap at BE
17/12/08	71415	04:30:01 - 04:36:08	gap at MM
17/12/08	71415	04:01:15 - 04:14:24	gap at SG
17/12/08	71416	06:12:14 - 06:18:23	gap at MM
17/12/08	71417	07:53:12 - 08:01:29	gap at MM
17/12/08	71417	07:30:53 - 07:44:57	gap at JO
17/12/08	71418	09:33:36 - 09:44:06	gap at MM
17/12/08	71418	09:10:26 - 09:23:57	gap at JO
17/12/08	71419	11:24:03 - 11:35:02	gap at HO
17/12/08	71419	11:13:44 - 11:25:43	gap at MM

17/12/08	71420	13:02:13 - 13:17:02	gap at HO
17/12/08	71420	12:53:38 - 13:06:17	gap at MM
17/12/08	71421	14:42:36 - 14:53:07	gap at HO
17/12/08	71421	14:33:18 - 14:46:00	gap at MM
17/12/08	71422	15:07:33 - 15:19:31	gap at BE
17/12/08	71422	16:12:41 - 16:25:15	gap at MM
17/12/08	71423	17:51:51 - 18:04:24	gap at MM
17/12/08	71423	17:20:00 - 17:29:32	gap at MI
17/12/08	71424	19:31:02 - 19:43:42	gap at MM
17/12/08	71424	19:50:58 - 20:04:27	gap at JO
17/12/08	71425	21:10:35 - 21:23:17	gap at MM
17/12/08	71425	21:29:56 - 21:44:03	gap at JO
17/12/08	71426	22:42:32 - 22:55:26	gap at HO
17/12/08	71426	22:50:53 - 23:03:08	gap at MM
17/12/08	71426	21:49:57 - 22:01:35	gap at MA
17/12/08	71418	08:45:04 - 08:46:19	gap at KS
17/12/08	71419	10:24:41 - 10:25:58	gap at KS
17/12/08	71420	12:04:08 - 12:05:26	gap at KS
17/12/08	71421	13:43:05 - 13:44:28	gap at KS
17/12/08	71422	15:21:17 - 15:22:56	gap at KS
17/12/08	71423	16:58:59 - 17:00:22	gap at KS
17/12/08	71424	18:37:05 - 18:38:21	gap at KS
17/12/08	71413	23:58:14 - 23:59:17	gap at MS
17/12/08	71419	10:38:37 - 10:40:05	gap at MS
17/12/08	71420	12:17:16 - 12:18:49	gap at MS
17/12/08	71427	23:26:20 - 23:27:26	gap at MS
17/12/08	71425	20:09:12 - 20:10:35	gap at MA
17/12/08	71414	02:10:57 - 02:12:25	gap at BE
17/12/08	71414	02:23:20 - 02:32:56	gap at SG
17/12/08	71421	14:56:46 - 14:57:53	gap at SG
17/12/08	71422	16:37:24 - 16:39:04	gap at SG
17/12/08	71415	03:18:57 - 03:20:05	gap at CM
18/12/08	71427	00:20:34 - 00:35:12	gap at HO
18/12/08	71427	00:32:12 - 00:43:12	gap at MM
18/12/08	71428	02:04:47 - 02:12:07	gap at HO
18/12/08	71428	02:14:35 - 02:23:31	gap at MM
18/12/08	71429	03:18:46 - 03:32:04	gap at BE
18/12/08	71429	03:57:39 - 04:04:17	gap at MM
18/12/08	71429	02:49:38 - 02:57:17	gap at CM
18/12/08	71429	04:26:17 - 04:38:24	gap at CM
18/12/08	71430	05:40:16 - 05:46:06	gap at MM
18/12/08	71431	07:21:33 - 07:29:05	gap at MM
18/12/08	71431	07:00:55 - 07:13:02	gap at JO
18/12/08	71432	09:02:05 - 09:11:57	gap at MM
18/12/08	71432	08:38:30 - 08:53:16	gap at JO
18/12/08	71433	10:42:17 - 10:53:54	gap at MM
18/12/08	71434	12:22:16 - 12:34:47	gap at MM
18/12/08	71434	11:42:55 - 11:49:28	gap at MA

18/12/08	71435	12:57:21 - 13:08:49	gap at BE
18/12/08	71435	14:02:00 - 14:14:44	gap at MM
18/12/08	71436	14:35:34 - 14:48:41	gap at BE
18/12/08	71436	15:41:29 - 15:54:05	gap at MM
18/12/08	71436	15:13:06 - 15:20:43	gap at CM
18/12/08	71437	17:20:42 - 17:33:13	gap at MM
18/12/08	71437	16:50:15 - 17:02:18	gap at CM
18/12/08	71438	18:59:50 - 19:12:28	gap at MM
18/12/08	71438	19:20:59 - 19:31:36	gap at JO
18/12/08	71439	20:39:14 - 20:51:58	gap at MM
18/12/08	71439	19:38:48 - 19:50:55	gap at MA
18/12/08	71439	20:58:26 - 21:13:23	gap at JO
18/12/08	71440	22:12:38 - 22:23:50	gap at HO
18/12/08	71440	22:19:16 - 22:31:43	gap at MM
18/12/08	71440	22:40:35 - 22:48:04	gap at JO
18/12/08	71441	23:49:30 - 00:03:57	gap at HO
18/12/08	71432	08:13:45 - 08:15:01	gap at KS
18/12/08	71433	09:53:23 - 09:54:40	gap at KS
18/12/08	71434	11:32:55 - 11:34:14	gap at KS
18/12/08	71435	13:12:03 - 13:13:20	gap at KS
18/12/08	71436	14:50:43 - 14:52:04	gap at KS
18/12/08	71437	16:28:22 - 16:29:46	gap at KS
18/12/08	71438	18:06:09 - 18:07:43	gap at KS
18/12/08	71433	10:08:38 - 10:10:00	gap at MS
18/12/08	71434	11:45:49 - 11:47:12	gap at MS
18/12/08	71435	13:27:40 - 13:28:53	gap at MS
18/12/08	71440	21:17:25 - 21:18:49	gap at MA
18/12/08	71429	03:29:44 - 03:31:35	gap at SG
18/12/08	71435	14:26:40 - 14:27:54	gap at SG
18/12/08	71436	16:04:56 - 16:06:38	gap at SG
19/12/08	71441	00:00:14 - 00:11:43	gap at MM
19/12/08	71442	01:30:34 - 01:42:23	gap at HO
19/12/08	71442	01:42:18 - 01:51:57	gap at MM
19/12/08	71443	03:25:14 - 03:32:32	gap at MM
19/12/08	71443	03:54:59 - 04:07:20	gap at CM
19/12/08	71444	05:08:09 - 05:13:56	gap at MM
19/12/08	71445	06:49:50 - 06:56:40	gap at MM
19/12/08	71445	06:03:42 - 06:09:09	gap at KS
19/12/08	71445	05:38:35 - 05:42:40	gap at CM
19/12/08	71445	06:31:59 - 06:40:22	gap at JO
19/12/08	71446	08:30:32 - 08:39:42	gap at MM
19/12/08	71446	08:07:10 - 08:22:10	gap at JO
19/12/08	71447	10:10:49 - 10:21:59	gap at MM
19/12/08	71447	09:49:22 - 09:59:18	gap at JO
19/12/08	71448	12:00:13 - 12:13:34	gap at HO
19/12/08	71448	11:50:52 - 12:03:11	gap at MM
19/12/08	71448	11:01:39 - 11:15:30	gap at KS
19/12/08	71449	13:39:14 - 13:53:43	gap at HO

19/12/08	71449	13:30:41 - 13:43:24	gap at MM
19/12/08	71450	14:04:08 - 14:17:33	gap at BE
19/12/08	71450	15:20:34 - 15:28:10	gap at HO
19/12/08	71450	15:10:15 - 15:22:54	gap at MM
19/12/08	71451	15:46:27 - 15:55:15	gap at BE
19/12/08	71451	16:49:32 - 17:02:04	gap at MM
19/12/08	71451	15:57:35 - 16:09:33	gap at KS
19/12/08	71451	16:18:56 - 16:31:19	gap at CM
19/12/08	71452	18:28:40 - 18:41:15	gap at MM
19/12/08	71452	18:01:33 - 18:06:10	gap at CM
19/12/08	71453	20:07:56 - 20:20:40	gap at MM
19/12/08	71453	19:11:09 - 19:18:51	gap at MA
19/12/08	71453	19:13:49 - 19:27:46	gap at KS
19/12/08	71453	20:27:16 - 20:42:09	gap at JO
19/12/08	71454	21:47:44 - 22:00:21	gap at MM
19/12/08	71454	20:45:44 - 20:59:26	gap at MA
19/12/08	71454	22:07:43 - 22:19:24	gap at JO
19/12/08	71455	23:18:30 - 23:32:38	gap at HO
19/12/08	71455	23:28:23 - 23:40:16	gap at MM
19/12/08	71455	22:29:42 - 22:37:10	gap at MA
19/12/08	71450	14:19:47 - 14:21:10	gap at KS
19/12/08	71452	17:35:30 - 17:36:53	gap at KS
19/12/08	71447	09:22:04 - 09:23:22	gap at KS
19/12/08	71449	12:40:57 - 12:42:17	gap at KS
19/12/08	71448	11:14:42 - 11:16:04	gap at MS
19/12/08	71449	12:54:54 - 12:56:16	gap at MS
19/12/08	71446	07:55:57 - 07:59:48	gap at MA
19/12/08	71444	03:56:11 - 03:58:03	gap at MI
19/12/08	71443	02:47:32 - 02:49:00	gap at BE
19/12/08	71443	02:57:30 - 03:00:53	gap at BE
19/12/08	71444	04:27:45 - 04:29:32	gap at BE
19/12/08	71443	02:58:50 - 03:00:07	gap at SG
19/12/08	71443	03:04:15 - 03:12:12	gap at SG
19/12/08	71444	04:46:19 - 04:49:41	gap at SG
19/12/08	71450	15:33:19 - 15:34:39	gap at SG
20/12/08	71456	00:58:16 - 01:11:47	gap at HO
20/12/08	71456	01:10:07 - 01:20:25	gap at MM
20/12/08	71456	00:22:22 - 00:24:51	gap at KS
20/12/08	71457	02:52:50 - 03:00:52	gap at MM
20/12/08	71458	04:35:54 - 04:41:56	gap at MM
20/12/08	71458	03:24:25 - 03:35:43	gap at CM
20/12/08	71458	05:04:20 - 05:14:15	gap at CM
20/12/08	71459	06:18:01 - 06:24:16	gap at MM
20/12/08	71460	07:58:57 - 08:07:22	gap at MM
20/12/08	71460	07:36:25 - 07:50:43	gap at JO
20/12/08	71461	09:39:20 - 09:49:57	gap at MM
20/12/08	71461	09:16:19 - 09:29:29	gap at JO
20/12/08	71462	11:19:27 - 11:31:30	gap at MM

20/12/08	71463	12:59:20 - 13:12:00	gap at MM
20/12/08	71464	14:48:25 - 14:58:21	gap at HO
20/12/08	71464	14:38:59 - 14:51:41	gap at MM
20/12/08	71464	14:01:36 - 14:09:31	gap at GS
20/12/08	71465	15:13:27 - 15:25:05	gap at BE
20/12/08	71465	16:18:21 - 16:30:55	gap at MM
20/12/08	71465	16:43:27 - 16:52:55	gap at SG
20/12/08	71465	15:48:12 - 15:59:36	gap at CM
20/12/08	71466	17:57:31 - 18:10:04	gap at MM
20/12/08	71466	17:25:57 - 17:34:48	gap at MI
20/12/08	71466	17:28:03 - 17:37:52	gap at CM
20/12/08	71467	19:36:42 - 19:49:23	gap at MM
20/12/08	71467	19:56:31 - 20:10:19	gap at JO
20/12/08	71468	21:16:17 - 21:28:59	gap at MM
20/12/08	71468	20:14:47 - 20:28:33	gap at MA
20/12/08	71468	21:35:43 - 21:49:33	gap at JO
20/12/08	71469	22:48:03 - 23:01:09	gap at HO
20/12/08	71469	22:56:39 - 23:08:50	gap at MM
20/12/08	71469	21:55:51 - 22:07:08	gap at MA
20/12/08	71470	23:32:05 - 23:45:15	gap at MS
20/12/08	71470	23:48:06 - 23:54:40	gap at KS
20/12/08	71461	08:50:45 - 08:52:02	gap at KS
20/12/08	71462	10:30:22 - 10:31:42	gap at KS
20/12/08	71463	12:09:48 - 12:11:08	gap at KS
20/12/08	71464	13:48:43 - 13:50:07	gap at KS
20/12/08	71465	15:26:52 - 15:28:28	gap at KS
20/12/08	71466	17:04:34 - 17:05:57	gap at KS
20/12/08	71467	18:42:44 - 18:43:58	gap at KS
20/12/08	71469	22:05:52 - 22:15:40	gap at KS
20/12/08	71456	00:04:07 - 00:05:09	gap at MS
20/12/08	71462	10:44:06 - 10:45:31	gap at MS
20/12/08	71463	12:23:00 - 12:24:29	gap at MS
20/12/08	71458	03:24:45 - 03:25:58	gap at MI
20/12/08	71457	02:16:33 - 02:18:04	gap at BE
20/12/08	71458	03:55:58 - 03:57:20	gap at BE
20/12/08	71457	02:28:42 - 02:36:33	gap at SG
20/12/08	71458	04:07:03 - 04:14:53	gap at SG
20/12/08	71464	15:02:19 - 15:03:28	gap at SG
20/12/08	71464	15:12:24 - 15:15:51	gap at SG
20/12/08	71469 - 71475		Data gap due to GOME unpowered (see unavailability report ER-UNA-2008042)
21/12/08	71475	09:07:49 - 09:17:48	gap at MM
21/12/08	71475	08:44:15 - 08:58:53	gap at JO
21/12/08	71476	10:48:00 - 10:59:42	gap at MM
21/12/08	71477	12:27:58 - 12:40:31	gap at MM
21/12/08	71477	11:48:56 - 11:54:34	gap at MA
21/12/08	71478	14:16:36 - 14:29:24	gap at HO

21/12/08	71478	14:07:42 - 14:20:25	gap at MM
21/12/08	71479	14:41:20 - 14:54:19	gap at BE
21/12/08	71479	15:47:09 - 15:59:45	gap at MM
21/12/08	71479	16:10:46 - 16:23:21	gap at SG
21/12/08	71479	15:18:21 - 15:26:52	gap at CM
21/12/08	71480	17:26:22 - 17:38:53	gap at MM
21/12/08	71480	16:56:00 - 17:07:51	gap at CM
21/12/08	71481	19:05:30 - 19:18:09	gap at MM
21/12/08	71481	19:26:22 - 19:37:40	gap at JO
21/12/08	71482	20:44:55 - 20:57:39	gap at MM
21/12/08	71482	19:44:18 - 19:56:44	gap at MA
21/12/08	71482	21:04:08 - 21:19:00	gap at JO
21/12/08	71483	22:18:01 - 22:29:37	gap at HO
21/12/08	71483	22:25:00 - 22:37:26	gap at MM
21/12/08	71483	22:46:48 - 22:53:00	gap at JO
21/12/08	71484	23:55:08 - 00:09:38	gap at HO
21/12/08	71475	08:19:27 - 08:28:44	gap at KS
21/12/08	71476	09:59:04 - 10:00:24	gap at KS
21/12/08	71477	11:38:35 - 11:39:56	gap at KS
21/12/08	71478	13:17:42 - 13:19:02	gap at KS
21/12/08	71479	14:56:18 - 14:57:43	gap at KS
21/12/08	71480	16:33:55 - 16:35:18	gap at KS
21/12/08	71481	18:11:46 - 18:13:18	gap at KS
21/12/08	71476	10:14:00 - 10:15:24	gap at MS
21/12/08	71477	11:51:27 - 11:52:57	gap at MS
21/12/08	71483	21:23:11 - 21:24:35	gap at MA
21/12/08	71478	14:32:04 - 14:34:00	gap at SG
22/12/08	71484	23:55:08 - 00:09:38	gap at HO
22/12/08	71484	00:06:03 - 00:17:27	gap at MM
22/12/08	71485	01:36:27 - 01:47:54	gap at HO
22/12/08	71485	01:48:10 - 01:57:41	gap at MM
22/12/08	71486	02:53:12 - 03:06:35	gap at BE
22/12/08	71486	03:31:08 - 03:38:18	gap at MM
22/12/08	71486	03:04:24 - 03:17:57	gap at SG
22/12/08	71486	04:00:37 - 04:13:02	gap at CM
22/12/08	71487	04:33:34 - 04:43:43	gap at BE
22/12/08	71487	05:14:00 - 05:19:47	gap at MM
22/12/08	71487	04:45:33 - 04:54:56	gap at SG
22/12/08	71488	06:55:37 - 07:02:33	gap at MM
22/12/08	71488	06:37:08 - 06:46:24	gap at JO
22/12/08	71489	08:36:16 - 08:45:34	gap at MM
22/12/08	71489	08:12:49 - 08:27:51	gap at JO
22/12/08	71490	10:16:33 - 10:27:47	gap at MM
22/12/08	71490	09:55:33 - 10:04:34	gap at JO
22/12/08	71491	11:56:35 - 12:08:56	gap at MM
22/12/08	71491	11:16:39 - 11:25:26	gap at MA
22/12/08	71492	13:36:23 - 13:49:06	gap at MM
22/12/08	71492	14:03:05 - 14:10:40	gap at SG

22/12/08	71493	14:09:49 - 14:23:14	gap at BE
22/12/08	71493	15:15:55 - 15:28:34	gap at MM
22/12/08	71493	15:39:01 - 15:52:48	gap at SG
22/12/08	71494	15:52:36 - 16:00:37	gap at BE
22/12/08	71494	16:55:12 - 17:07:44	gap at MM
22/12/08	71495	18:34:20 - 18:46:55	gap at MM
22/12/08	71496	20:13:37 - 20:26:21	gap at MM
22/12/08	71496	19:16:24 - 19:24:43	gap at MA
22/12/08	71496	20:32:55 - 20:47:52	gap at JO
22/12/08	71497	21:48:52 - 21:57:36	gap at HO
22/12/08	71497	21:53:27 - 22:06:03	gap at MM
22/12/08	71498	23:24:07 - 23:38:20	gap at HO
22/12/08	71498	23:34:10 - 23:45:59	gap at MM
22/12/08	71498	22:35:59 - 22:42:28	gap at MA
22/12/08	71489	07:48:10 - 07:49:27	gap at KS
22/12/08	71490	09:27:46 - 09:29:05	gap at KS
22/12/08	71491	11:07:20 - 11:08:43	gap at KS
22/12/08	71492	12:46:37 - 12:47:57	gap at KS
22/12/08	71493	14:25:25 - 14:26:49	gap at KS
22/12/08	71494	16:03:10 - 16:04:33	gap at KS
22/12/08	71495	17:41:05 - 17:42:31	gap at KS
22/12/08	71491	11:20:20 - 11:21:49	gap at MS
22/12/08	71492	13:00:48 - 13:02:10	gap at MS
22/12/08	71497	20:51:24 - 20:52:59	gap at MA
22/12/08	71487	04:01:58 - 04:03:53	gap at MI
23/12/08	71499	01:04:05 - 01:17:23	gap at HO
23/12/08	71499	01:15:57 - 01:26:09	gap at MM
23/12/08	71500	02:58:43 - 03:06:37	gap at MM
23/12/08	71501	04:01:44 - 04:13:48	gap at BE
23/12/08	71501	04:41:46 - 04:47:44	gap at MM
23/12/08	71502	06:23:49 - 06:30:09	gap at MM
23/12/08	71503	08:04:42 - 08:13:15	gap at MM
23/12/08	71503	07:41:58 - 07:56:28	gap at JO
23/12/08	71504	09:45:04 - 09:55:47	gap at MM
23/12/08	71504	09:22:15 - 09:34:58	gap at JO
23/12/08	71505	11:35:04 - 11:47:07	gap at HO
23/12/08	71505	11:25:10 - 11:37:16	gap at MM
23/12/08	71506	13:13:35 - 13:28:24	gap at HO
23/12/08	71506	13:05:02 - 13:17:43	gap at MM
23/12/08	71507	14:54:14 - 15:03:43	gap at HO
23/12/08	71507	14:44:40 - 14:57:22	gap at MM
23/12/08	71508	15:19:22 - 15:30:37	gap at BE
23/12/08	71508	16:24:01 - 16:36:35	gap at MM
23/12/08	71508	16:49:34 - 16:58:07	gap at SG
23/12/08	71509	18:03:11 - 18:15:44	gap at MM
23/12/08	71509	17:31:58 - 17:39:59	gap at MI
23/12/08	71510	19:42:23 - 19:55:04	gap at MM
23/12/08	71510	18:47:33 - 18:51:43	gap at MA

23/12/08	71510	20:02:04 - 20:16:09	gap at JO
23/12/08	71511	21:22:00 - 21:34:41	gap at MM
23/12/08	71511	20:20:22 - 20:34:10	gap at MA
23/12/08	71511	21:41:29 - 21:55:02	gap at JO
23/12/08	71512	22:53:39 - 23:06:53	gap at HO
23/12/08	71512	23:02:24 - 23:14:33	gap at MM
23/12/08	71504	08:56:27 - 08:57:47	gap at KS
23/12/08	71505	10:36:04 - 10:37:25	gap at KS
23/12/08	71506	12:15:28 - 12:16:50	gap at KS
23/12/08	71507	13:54:22 - 13:55:47	gap at KS
23/12/08	71508	15:32:27 - 15:34:01	gap at KS
23/12/08	71509	17:10:11 - 17:11:36	gap at KS
23/12/08	71510	18:48:22 - 18:49:35	gap at KS
23/12/08	71499	00:10:01 - 00:11:08	gap at MS
23/12/08	71505	10:49:36 - 10:51:04	gap at MS
23/12/08	71506	12:28:44 - 12:30:14	gap at MS
23/12/08	71513	23:37:51 - 23:38:58	gap at MS
23/12/08	71501	03:30:25 - 03:31:25	gap at MI
23/12/08	71500	02:22:10 - 02:23:40	gap at BE
23/12/08	71501	04:12:53 - 04:13:53	gap at SG
23/12/08	71507	15:07:55 - 15:09:12	gap at SG
24/12/08	71513	00:32:01 - 00:46:32	gap at HO
24/12/08	71513	00:43:51 - 00:54:39	gap at MM
24/12/08	71514	01:51:29 - 02:02:42	gap at BE
24/12/08	71514	02:26:21 - 02:35:00	gap at MM
24/12/08	71514	01:26:24 - 01:38:00	gap at GS
24/12/08	71515	03:30:11 - 03:43:18	gap at BE
24/12/08	71515	04:09:26 - 04:15:51	gap at MM
24/12/08	71515	03:04:06 - 03:18:00	gap at GS
24/12/08	71515	03:00:07 - 03:09:18	gap at CM
24/12/08	71516	05:51:54 - 05:57:50	gap at MM
24/12/08	71516	04:46:55 - 04:55:46	gap at GS
24/12/08	71516	06:18:27 - 06:30:09	gap at CM
24/12/08	71517	07:33:04 - 07:40:52	gap at MM
24/12/08	71517	07:11:43 - 07:24:42	gap at JO
24/12/08	71518	09:13:33 - 09:23:39	gap at MM
24/12/08	71518	08:50:02 - 09:04:29	gap at JO
24/12/08	71519	11:05:10 - 11:13:57	gap at HO
24/12/08	71519	10:53:43 - 11:05:29	gap at MM
24/12/08	71520	12:42:26 - 12:57:09	gap at HO
24/12/08	71520	12:33:41 - 12:46:15	gap at MM
24/12/08	71520	11:55:05 - 11:59:33	gap at MA
24/12/08	71521	14:22:22 - 14:34:55	gap at HO
24/12/08	71521	14:13:23 - 14:26:07	gap at MM
24/12/08	71522	14:47:07 - 14:59:56	gap at BE
24/12/08	71522	15:52:50 - 16:05:25	gap at MM
24/12/08	71522	15:19:45 - 15:32:16	gap at MI
24/12/08	71522	15:13:37 - 15:26:57	gap at GS

24/12/08	71522	16:16:37 - 16:28:49	gap at SG
24/12/08	71523	17:32:02 - 17:44:33	gap at MM
24/12/08	71523	17:01:46 - 17:13:23	gap at CM
24/12/08	71524	19:11:10 - 19:23:49	gap at MM
24/12/08	71524	19:31:47 - 19:43:41	gap at JO
24/12/08	71525	20:50:37 - 21:03:21	gap at MM
24/12/08	71525	19:49:48 - 20:02:37	gap at MA
24/12/08	71525	21:09:51 - 21:24:36	gap at JO
24/12/08	71526	22:23:26 - 22:35:22	gap at HO
24/12/08	71526	22:30:45 - 22:43:08	gap at MM
24/12/08	71518	08:25:08 - 08:26:27	gap at KS
24/12/08	71519	10:04:46 - 10:06:07	gap at KS
24/12/08	71520	11:44:16 - 11:45:39	gap at KS
24/12/08	71521	13:23:21 - 13:24:40	gap at KS
24/12/08	71522	15:01:53 - 15:03:22	gap at KS
24/12/08	71523	16:39:29 - 16:40:56	gap at KS
24/12/08	71524	18:17:23 - 18:18:57	gap at KS
24/12/08	71525	19:56:28 - 19:57:32	gap at KS
24/12/08	71519	10:19:26 - 10:20:53	gap at MS
24/12/08	71520	11:57:09 - 11:58:37	gap at MS
24/12/08	71527	23:06:23 - 23:07:33	gap at MS
24/12/08	71526	21:28:58 - 21:30:20	gap at MA
24/12/08	71515	03:41:07 - 03:42:13	gap at SG
24/12/08	71521	14:37:30 - 14:40:13	gap at SG
24/12/08	71521	14:48:31 - 14:49:44	gap at SG
25/12/08	71527	00:00:48 - 00:15:19	gap at HO
25/12/08	71527	00:11:51 - 00:23:10	gap at MM
25/12/08	71528	01:42:37 - 01:53:25	gap at HO
25/12/08	71528	01:54:02 - 02:03:26	gap at MM
25/12/08	71529	02:58:52 - 03:12:17	gap at BE
25/12/08	71529	03:37:02 - 03:44:04	gap at MM
25/12/08	71529	03:10:00 - 03:23:42	gap at SG
25/12/08	71529	02:32:56 - 02:34:43	gap at CM
25/12/08	71530	04:39:23 - 04:49:05	gap at BE
25/12/08	71530	05:19:51 - 05:25:37	gap at MM
25/12/08	71530	05:46:53 - 05:59:18	gap at CM
25/12/08	71531	07:01:23 - 07:08:27	gap at MM
25/12/08	71531	06:42:20 - 06:52:23	gap at JO
25/12/08	71532	08:42:01 - 08:51:26	gap at MM
25/12/08	71532	08:03:53 - 08:13:12	gap at MA
25/12/08	71532	08:18:30 - 08:33:31	gap at JO
25/12/08	71533	10:22:16 - 10:33:36	gap at MM
25/12/08	71533	10:01:51 - 10:09:44	gap at JO
25/12/08	71534	12:11:28 - 12:25:18	gap at HO
25/12/08	71534	12:02:17 - 12:14:41	gap at MM
25/12/08	71534	11:22:31 - 11:30:54	gap at MA
25/12/08	71535	13:50:40 - 14:04:56	gap at HO
25/12/08	71535	13:42:05 - 13:54:48	gap at MM

25/12/08	71536	14:15:30 - 14:28:54	gap at BE
25/12/08	71536	15:21:36 - 15:34:15	gap at MM
25/12/08	71537	15:58:50 - 16:05:54	gap at BE
25/12/08	71537	17:00:52 - 17:13:24	gap at MM
25/12/08	71537	16:30:16 - 16:42:40	gap at CM
25/12/08	71538	18:40:00 - 18:52:36	gap at MM
25/12/08	71538	19:02:44 - 19:09:46	gap at JO
25/12/08	71539	20:19:19 - 20:32:02	gap at MM
25/12/08	71539	19:21:42 - 19:30:34	gap at MA
25/12/08	71539	20:38:34 - 20:53:34	gap at JO
25/12/08	71540	21:54:05 - 22:03:28	gap at HO
25/12/08	71540	21:59:11 - 22:11:45	gap at MM
25/12/08	71540	20:57:07 - 21:10:47	gap at MA
25/12/08	71540	22:19:31 - 22:30:01	gap at JO
25/12/08	71541	23:29:43 - 23:44:02	gap at HO
25/12/08	71541	23:39:58 - 23:51:42	gap at MM
25/12/08	71532	07:53:51 - 07:55:11	gap at KS
25/12/08	71533	09:33:27 - 09:34:49	gap at KS
25/12/08	71534	11:13:01 - 11:14:24	gap at KS
25/12/08	71535	12:52:16 - 12:53:38	gap at KS
25/12/08	71536	14:31:02 - 14:32:28	gap at KS
25/12/08	71537	16:08:45 - 16:10:11	gap at KS
25/12/08	71538	17:46:40 - 17:48:16	gap at KS
25/12/08	71534	11:25:59 - 11:27:30	gap at MS
25/12/08	71535	13:06:41 - 13:08:08	gap at MS
25/12/08	71541	22:35:31 - 22:36:41	gap at MS
25/12/08	71530	04:07:47 - 04:09:44	gap at MI
25/12/08	71536	15:44:44 - 15:46:45	gap at SG
26/12/08	71542	01:09:53 - 01:22:58	gap at HO
26/12/08	71542	01:21:48 - 01:31:53	gap at MM
26/12/08	71543	02:27:47 - 02:40:45	gap at BE
26/12/08	71543	03:04:37 - 03:12:22	gap at MM
26/12/08	71543	02:02:10 - 02:15:20	gap at GS
26/12/08	71543	03:35:26 - 03:47:17	gap at CM
26/12/08	71544	04:07:29 - 04:19:17	gap at BE
26/12/08	71544	04:47:38 - 04:53:33	gap at MM
26/12/08	71545	06:29:36 - 06:36:03	gap at MM
26/12/08	71545	05:16:24 - 05:24:57	gap at CM
26/12/08	71546	08:10:26 - 08:19:08	gap at MM
26/12/08	71546	07:47:32 - 08:02:11	gap at JO
26/12/08	71547	09:50:47 - 10:01:36	gap at MM
26/12/08	71547	09:28:12 - 09:40:27	gap at JO
26/12/08	71548	11:30:53 - 11:43:02	gap at MM
26/12/08	71549	13:10:44 - 13:23:26	gap at MM
26/12/08	71550	15:00:05 - 15:09:12	gap at HO
26/12/08	71550	14:50:21 - 15:03:03	gap at MM
26/12/08	71551	15:25:19 - 15:36:09	gap at BE
26/12/08	71551	16:29:42 - 16:42:15	gap at MM

26/12/08	71551	16:55:47 - 17:03:12	gap at SG
26/12/08	71552	18:08:51 - 18:21:24	gap at MM
26/12/08	71552	17:38:02 - 17:45:06	gap at MI
26/12/08	71553	19:48:03 - 20:00:45	gap at MM
26/12/08	71553	18:53:07 - 18:57:26	gap at MA
26/12/08	71553	20:07:39 - 20:21:58	gap at JO
26/12/08	71554	21:27:43 - 21:40:23	gap at MM
26/12/08	71554	20:25:59 - 20:39:45	gap at MA
26/12/08	71554	20:33:42 - 20:47:27	gap at KS
26/12/08	71554	21:47:17 - 22:00:30	gap at JO
26/12/08	71555	22:59:14 - 23:12:37	gap at HO
26/12/08	71555	23:08:11 - 23:20:16	gap at MM
26/12/08	71555	22:08:21 - 22:18:10	gap at MA
26/12/08	71547	09:02:08 - 09:03:29	gap at KS
26/12/08	71548	10:41:45 - 10:43:10	gap at KS
26/12/08	71549	12:21:08 - 12:22:30	gap at KS
26/12/08	71550	14:00:02 - 14:01:28	gap at KS
26/12/08	71551	15:38:03 - 15:39:34	gap at KS
26/12/08	71552	17:15:52 - 17:17:18	gap at KS
26/12/08	71553	18:54:01 - 18:55:10	gap at KS
26/12/08	71542	00:15:58 - 00:17:06	gap at MS
26/12/08	71548	10:55:03 - 10:56:28	gap at MS
26/12/08	71549	12:34:29 - 12:35:54	gap at MS
26/12/08	71556	23:43:39 - 23:44:54	gap at MS
26/12/08	71544	03:36:07 - 03:37:21	gap at MI
26/12/08	71543	02:39:33 - 02:40:43	gap at SG
26/12/08	71544	04:18:44 - 04:19:45	gap at SG
26/12/08	71550	15:13:31 - 15:14:52	gap at SG
26/12/08	71551	15:59:18 - 16:03:43	gap at CM
27/12/08	71556	00:37:54 - 00:52:11	gap at HO
27/12/08	71556	00:49:41 - 01:00:22	gap at MM
27/12/08	71556	00:00:21 - 00:05:49	gap at KS
27/12/08	71557	01:57:01 - 02:08:38	gap at BE
27/12/08	71557	02:32:14 - 02:40:45	gap at MM
27/12/08	71557	02:10:11 - 02:18:58	gap at SG
27/12/08	71558	03:35:54 - 03:48:53	gap at BE
27/12/08	71558	04:15:19 - 04:21:38	gap at MM
27/12/08	71558	03:46:51 - 04:00:29	gap at SG
27/12/08	71558	03:05:26 - 03:15:13	gap at CM
27/12/08	71558	04:43:40 - 04:55:06	gap at CM
27/12/08	71559	05:57:43 - 06:03:42	gap at MM
27/12/08	71560	07:38:49 - 07:46:45	gap at MM
27/12/08	71560	07:17:10 - 07:30:30	gap at JO
27/12/08	71561	09:19:17 - 09:29:30	gap at MM
27/12/08	71561	08:55:50 - 09:10:04	gap at JO
27/12/08	71562	10:59:27 - 11:11:16	gap at MM
27/12/08	71563	12:39:23 - 12:51:59	gap at MM
27/12/08	71564	14:28:08 - 14:40:10	gap at HO

27/12/08	71564	14:19:05 - 14:31:48	gap at MM
27/12/08	71565	14:52:56 - 15:05:33	gap at BE
27/12/08	71565	15:58:30 - 16:11:05	gap at MM
27/12/08	71565	16:22:31 - 16:34:15	gap at SG
27/12/08	71565	15:29:03 - 15:38:56	gap at CM
27/12/08	71566	17:37:41 - 17:50:13	gap at MM
27/12/08	71566	17:05:16 - 17:16:11	gap at MI
27/12/08	71566	17:07:34 - 17:18:53	gap at CM
27/12/08	71567	19:16:51 - 19:29:30	gap at MM
27/12/08	71567	19:37:14 - 19:49:39	gap at JO
27/12/08	71568	20:56:19 - 21:09:03	gap at MM
27/12/08	71568	21:15:35 - 21:30:11	gap at JO
27/12/08	71569	22:28:52 - 22:41:06	gap at HO
27/12/08	71569	22:36:30 - 22:48:51	gap at MM
27/12/08	71569	21:34:46 - 21:47:38	gap at MA
27/12/08	71561	08:30:50 - 08:32:10	gap at KS
27/12/08	71562	10:10:27 - 10:11:50	gap at KS
27/12/08	71563	11:49:57 - 11:51:24	gap at KS
27/12/08	71564	13:28:59 - 13:30:20	gap at KS
27/12/08	71565	15:07:26 - 15:09:04	gap at KS
27/12/08	71566	16:45:03 - 16:46:33	gap at KS
27/12/08	71567	18:23:01 - 18:24:27	gap at KS
27/12/08	71568	20:02:11 - 20:03:12	gap at KS
27/12/08	71566	16:58:49 - 16:59:49	gap at GS
27/12/08	71562	10:24:53 - 10:26:25	gap at MS
27/12/08	71563	12:02:55 - 12:04:18	gap at MS
27/12/08	71570	23:12:04 - 23:13:14	gap at MS
27/12/08	71568	19:55:19 - 19:56:48	gap at MA
27/12/08	71564	14:42:58 - 14:46:16	gap at SG
28/12/08	71570	00:06:25 - 00:21:00	gap at HO
28/12/08	71570	00:17:40 - 00:28:53	gap at MM
28/12/08	71571	01:48:58 - 01:58:53	gap at HO
28/12/08	71571	01:59:54 - 02:09:10	gap at MM
28/12/08	71572	03:42:55 - 03:49:50	gap at MM
28/12/08	71572	02:37:11 - 02:41:41	gap at CM
28/12/08	71572	04:11:58 - 04:24:21	gap at CM
28/12/08	71573	05:25:41 - 05:31:28	gap at MM
28/12/08	71574	07:07:09 - 07:14:21	gap at MM
28/12/08	71574	06:47:35 - 06:58:19	gap at JO
28/12/08	71575	08:47:45 - 08:57:18	gap at MM
28/12/08	71575	08:24:11 - 08:39:11	gap at JO
28/12/08	71576	10:27:59 - 10:39:24	gap at MM
28/12/08	71576	10:08:17 - 10:14:45	gap at JO
28/12/08	71577	12:08:00 - 12:20:26	gap at MM
28/12/08	71577	11:28:24 - 11:36:24	gap at MA
28/12/08	71578	13:56:25 - 14:10:23	gap at HO
28/12/08	71578	13:47:46 - 14:00:30	gap at MM
28/12/08	71579	14:21:13 - 14:34:34	gap at BE

28/12/08	71579	15:27:17 - 15:39:55	gap at MM
28/12/08	71579	15:00:41 - 15:04:38	gap at CM
28/12/08	71580	16:05:11 - 16:11:05	gap at BE
28/12/08	71580	17:06:32 - 17:19:04	gap at MM
28/12/08	71580	16:35:57 - 16:48:19	gap at CM
28/12/08	71581	18:45:40 - 18:58:16	gap at MM
28/12/08	71581	19:07:49 - 19:16:08	gap at JO
28/12/08	71582	20:25:00 - 20:37:44	gap at MM
28/12/08	71582	19:27:03 - 19:36:24	gap at MA
28/12/08	71582	20:44:14 - 20:59:15	gap at JO
28/12/08	71583	22:04:55 - 22:17:27	gap at MM
28/12/08	71583	21:03:00 - 21:16:26	gap at MA
28/12/08	71583	22:25:28 - 22:35:15	gap at JO
28/12/08	71584	23:35:21 - 23:49:44	gap at HO
28/12/08	71584	23:45:45 - 23:57:25	gap at MM
28/12/08	71575	07:59:32 - 08:00:53	gap at KS
28/12/08	71576	09:39:09 - 09:40:32	gap at KS
28/12/08	71577	11:18:42 - 11:20:07	gap at KS
28/12/08	71578	12:57:55 - 12:59:19	gap at KS
28/12/08	71577	11:31:39 - 11:33:13	gap at MS
28/12/08	71578	13:12:35 - 13:14:00	gap at MS
28/12/08	71572	03:04:32 - 03:06:04	gap at BE
28/12/08	71573	04:45:15 - 04:46:43	gap at BE
28/12/08	71572	03:15:37 - 03:22:52	gap at SG
28/12/08	71572	03:27:44 - 03:29:25	gap at SG
28/12/08	71573	04:57:53 - 05:00:37	gap at SG
29/12/08	71585	01:15:43 - 01:28:32	gap at HO
29/12/08	71585	01:27:40 - 01:37:37	gap at MM
29/12/08	71586	03:10:30 - 03:18:08	gap at MM
29/12/08	71586	02:45:02 - 02:57:41	gap at SG
29/12/08	71586	03:40:59 - 03:53:02	gap at CM
29/12/08	71587	04:13:16 - 04:24:45	gap at BE
29/12/08	71587	04:53:30 - 04:59:22	gap at MM
29/12/08	71587	04:24:37 - 04:36:18	gap at SG
29/12/08	71588	06:35:23 - 06:41:56	gap at MM
29/12/08	71588	05:49:59 - 05:52:29	gap at KS
29/12/08	71588	05:22:33 - 05:30:13	gap at CM
29/12/08	71589	08:16:11 - 08:25:00	gap at MM
29/12/08	71589	07:53:07 - 08:07:55	gap at JO
29/12/08	71590	09:56:31 - 10:07:26	gap at MM
29/12/08	71590	09:34:11 - 09:45:53	gap at JO
29/12/08	71591	11:36:35 - 11:48:48	gap at MM
29/12/08	71592	13:16:26 - 13:29:08	gap at MM
29/12/08	71593	15:05:55 - 15:14:40	gap at HO
29/12/08	71593	14:56:02 - 15:08:43	gap at MM
29/12/08	71593	15:19:09 - 15:33:00	gap at SG
29/12/08	71594	15:31:18 - 15:41:39	gap at BE
29/12/08	71594	16:35:22 - 16:47:54	gap at MM

29/12/08	71595	18:14:30 - 18:27:04	gap at MM
29/12/08	71596	19:53:44 - 20:06:26	gap at MM
29/12/08	71596	18:58:20 - 19:03:08	gap at MA
29/12/08	71596	20:13:14 - 20:27:45	gap at JO
29/12/08	71597	21:33:26 - 21:46:05	gap at MM
29/12/08	71597	20:31:36 - 20:45:19	gap at MA
29/12/08	71597	21:53:06 - 22:05:56	gap at JO
29/12/08	71598	23:04:43 - 23:18:21	gap at HO
29/12/08	71598	23:13:57 - 23:25:59	gap at MM
29/12/08	71598	22:14:23 - 22:23:39	gap at MA
29/12/08	71590	09:07:50 - 09:09:12	gap at KS
29/12/08	71591	10:47:26 - 10:48:51	gap at KS
29/12/08	71592	12:26:48 - 12:28:13	gap at KS
29/12/08	71593	14:05:41 - 14:07:09	gap at KS
29/12/08	71594	15:43:38 - 15:45:07	gap at KS
29/12/08	71595	17:21:29 - 17:22:57	gap at KS
29/12/08	71596	18:59:40 - 19:00:48	gap at KS
29/12/08	71594	15:56:03 - 15:57:04	gap at GS
29/12/08	71591	11:00:39 - 11:02:09	gap at MS
29/12/08	71592	12:40:15 - 12:41:40	gap at MS
29/12/08	71599	23:49:28 - 23:50:37	gap at MS
29/12/08	71586	02:33:25 - 02:34:56	gap at BE
30/12/08	71599	00:43:42 - 00:57:48	gap at HO
30/12/08	71599	00:55:31 - 01:06:06	gap at MM
30/12/08	71599	00:06:32 - 00:11:21	gap at KS
30/12/08	71600	02:38:07 - 02:46:30	gap at MM
30/12/08	71601	03:41:38 - 03:54:27	gap at BE
30/12/08	71601	04:21:12 - 04:27:26	gap at MM
30/12/08	71602	06:03:31 - 06:09:34	gap at MM
30/12/08	71603	07:44:35 - 07:52:39	gap at MM
30/12/08	71603	07:22:38 - 07:36:18	gap at JO
30/12/08	71604	09:25:01 - 09:35:21	gap at MM
30/12/08	71604	09:01:39 - 09:15:38	gap at JO
30/12/08	71605	11:05:10 - 11:17:03	gap at MM
30/12/08	71606	12:45:05 - 12:57:42	gap at MM
30/12/08	71607	14:33:55 - 14:45:36	gap at HO
30/12/08	71607	14:24:46 - 14:37:29	gap at MM
30/12/08	71608	14:58:46 - 15:11:09	gap at BE
30/12/08	71608	16:04:10 - 16:16:45	gap at MM
30/12/08	71608	16:28:26 - 16:39:39	gap at SG
30/12/08	71609	17:43:21 - 17:55:53	gap at MM
30/12/08	71609	17:11:08 - 17:21:33	gap at MI
30/12/08	71609	17:13:23 - 17:24:21	gap at CM
30/12/08	71610	19:22:31 - 19:35:11	gap at MM
30/12/08	71610	19:42:42 - 19:55:36	gap at JO
30/12/08	71611	21:02:01 - 21:14:44	gap at MM
30/12/08	71611	20:00:52 - 20:14:14	gap at MA
30/12/08	71611	21:21:19 - 21:35:45	gap at JO

30/12/08	71612	22:34:19 - 22:46:50	gap at HO
30/12/08	71612	22:42:15 - 22:54:34	gap at MM
30/12/08	71604	08:36:31 - 08:37:53	gap at KS
30/12/08	71605	10:16:09 - 10:17:33	gap at KS
30/12/08	71606	11:55:37 - 11:57:02	gap at KS
30/12/08	71607	13:34:37 - 13:36:03	gap at KS
30/12/08	71608	15:12:59 - 15:14:41	gap at KS
30/12/08	71609	16:50:36 - 16:52:10	gap at KS
30/12/08	71610	18:28:38 - 18:30:03	gap at KS
30/12/08	71608	15:24:54 - 15:25:54	gap at GS
30/12/08	71599	23:49:28 - 23:50:37	gap at MS
30/12/08	71605	10:30:22 - 10:31:54	gap at MS
30/12/08	71606	12:08:38 - 12:10:08	gap at MS
30/12/08	71613	23:17:46 - 23:18:57	gap at MS
30/12/08	71605	10:24:11 - 10:31:45	gap at MA
30/12/08	71605	10:24:11 - 10:31:45	gap at MA
30/12/08	71612	21:40:35 - 21:42:00	gap at MA
30/12/08	71612	21:47:21 - 21:53:13	gap at MA
30/12/08	71600	02:02:35 - 02:04:15	gap at BE
30/12/08	71601	03:52:35 - 03:56:07	gap at SG
30/12/08	71607	14:48:28 - 14:51:59	gap at SG
31/12/08	71613	00:12:03 - 00:26:41	gap at HO
31/12/08	71613	00:23:28 - 00:34:37	gap at MM
31/12/08	71614	01:55:11 - 02:04:13	gap at HO
31/12/08	71614	02:05:46 - 02:14:54	gap at MM
31/12/08	71615	03:10:14 - 03:23:37	gap at BE
31/12/08	71615	03:48:49 - 03:55:37	gap at MM
31/12/08	71615	03:21:15 - 03:35:06	gap at SG
31/12/08	71616	04:51:07 - 04:59:43	gap at BE
31/12/08	71616	05:31:31 - 05:37:19	gap at MM
31/12/08	71617	07:12:55 - 07:20:14	gap at MM
31/12/08	71617	06:52:53 - 07:04:14	gap at JO
31/12/08	71618	08:53:29 - 09:03:10	gap at MM
31/12/08	71618	08:29:54 - 08:44:49	gap at JO
31/12/08	71619	10:33:42 - 10:45:12	gap at MM
31/12/08	71620	12:13:42 - 12:26:11	gap at MM
31/12/08	71620	11:34:12 - 11:41:40	gap at MA
31/12/08	71621	13:53:28 - 14:06:12	gap at MM
31/12/08	71622	14:26:56 - 14:40:13	gap at BE
31/12/08	71622	15:32:58 - 15:45:35	gap at MM
31/12/08	71623	17:12:12 - 17:24:44	gap at MM
31/12/08	71624	18:51:20 - 19:03:57	gap at MM
31/12/08	71624	19:13:02 - 19:22:23	gap at JO
31/12/08	71625	20:30:41 - 20:43:25	gap at MM
31/12/08	71625	19:30:36 - 19:42:13	gap at MA
31/12/08	71625	20:49:54 - 21:04:55	gap at JO
31/12/08	71626	22:04:35 - 22:15:08	gap at HO
31/12/08	71626	22:10:39 - 22:23:10	gap at MM

31/12/08	71626	22:31:28 - 22:40:26	gap at JO
31/12/08	71627	23:41:02 - 23:55:25	gap at HO
31/12/08	71627	23:51:33 - 00:03:09	gap at MM
31/12/08	71618	08:05:13 - 08:06:35	gap at KS
31/12/08	71619	09:44:50 - 09:46:16	gap at KS
31/12/08	71620	11:24:23 - 11:25:49	gap at KS
31/12/08	71621	13:03:35 - 13:04:58	gap at KS
31/12/08	71622	14:42:17 - 14:43:46	gap at KS
31/12/08	71623	16:19:57 - 16:21:27	gap at KS
31/12/08	71624	17:57:47 - 17:59:32	gap at KS
31/12/08	71623	16:33:04 - 16:34:08	gap at GS
31/12/08	71620	11:37:20 - 11:38:56	gap at MS
31/12/08	71621	13:18:32 - 13:19:58	gap at MS
31/12/08	71626	21:08:48 - 21:10:18	gap at MA
31/12/08	71621	14:18:39 - 14:20:44	gap at SG
31/12/08	71622	15:56:15 - 15:57:58	gap at SG
31/12/08	71622	15:05:28 - 15:08:30	gap at CM
31/12/08	71623	16:41:39 - 16:44:02	gap at CM

Lamp Failures: none

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
20/12/08 21/12/08	~:22:08 (20/12/08) off 10:11:45 (21/12/08) on	FPA 1: 267.6 FPA 2: 268.5 FPA 3: 268.4 FPA 4: 268.6
31/12/2008	~ 14:20:45 off 14:20:58 on	FPA 1: 245.6 FPA 2: 245.8 FPA 3: 245.5 FPA 4: 245.9

Timeline interruptions:

Date	Orbit No.	Duration	remark
31/12/08	71621	Start before 14:20:45 (outside gs visibility) Stop: 14:20:58	GOME in Nadir Static View (ESOC communication)

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
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04-05/12/08	71234 -71249	~12:00 (04/12/08) - ~13:00 (05/12/08)	Narrow Swath Timeline GMNNOT41 executed
14-15/12/08	71378 - 71391	~13:30 (14/12/08) - ~11:00 (15/12/08)	Narrow Swath Timeline GMNNOT41 executed
24-25/12/08	71522 - 71535	~15:00 (24/12/08) - ~12:30 (25/12/08)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
02/12/08	71201	04:41:52	Corrupted products at MI anomalous values for most parameters
03/12/08	71214	02:27:18	Corrupted products at MI anomalous values for most parameters
03/12/08	71224	19:38:35	Corrupted products at GS anomalous values for most parameters
05/12/08	71250	15:21:00	Corrupted products at CM anomalous values for most parameters
06/12/2008	71256	00:46:47 – 00:59:52	anomalous long science dump at GS, no data processing possible
14/12/08	71374	06:45:12	Corrupted products at GS anomalous values for most parameters
14/12/08	71376	10:27:21	Corrupted products at KS anomalous values for most parameters
17/12/08	71425	20:33:13	Corrupted products at GS anomalous values for most parameters
20/12/08	71457	01:50:04	Corrupted products at MI anomalous values for most parameters
18/12/08 - 31/12/08			products with padded frames in channel 4 (Frames 19, 20) due to ATSR IRR switch-off
21/12/08	71476	Start before 10:00:24 (no visibility gs) stop 10:02:06	Calibration lamp instabilities: some values at ca. 180 V (nominal would be 198 V)
21/12/08	71476	10:09:47 - 10:11:44	GOOD Lamp cal measurements, no instability
27/12/08	71560	06:38:13	Corrupted products at GS anomalous values for most parameters