

GOME Operations for September 2008

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

GOME Operations during September 2008

Date	Operations	remark
01/09/08	data available within visibility of groundstation	start of sun calibration: 19:48:16.612
02/09/08	data available within visibility of groundstation	start of sun calibration: 19:16:49.102
03/09/08	data available within visibility of groundstation	start of sun calibration: 18:45:15.598
04/09/08	SEU data available within visibility of groundstation	No solar calibration available due to GOME anomaly (scan mirror set to 261.8 degree)
05/09/08	SEU data available within visibility of groundstation	start of sun calibration: 17:42:15.751
06/09/08	data available within visibility of groundstation	start of sun calibration: 17:10:48.472
07/09/08	data available within visibility of groundstation	start of sun calibration: 20:00:28.247
08/09/08	data available within visibility of groundstation	start of sun calibration: 19:29:47
09/09/08	data available within visibility of groundstation	start of sun calibration: 18:57:27.300
10/09/08	data available within visibility of groundstation	start of sun calibration: 18:25:59.811
11/09/08	data available within visibility of groundstation	start of sun calibration: 17:54:26.322
12/09/08	data available within visibility of groundstation	start of sun calibration: 17:22:58.837
13/09/08	data available within visibility of groundstation	start of sun calibration: 16:51:25.364
14/09/08	data available within visibility of groundstation	start of sun calibration: 19:41:11.968
15/09/08	GOME switch-off due to ATSR-2 /GOME planned unavailability Start: 10:52:23 data available within visibility of groundstation	No solar calibration available due to ATSR-2 /GOME planned unavailability
16/09/08	GOME switch-off due to ATSR-2 /GOME planned unavailability Stop: 13:28:34 data available within visibility of groundstation	TST44: solar calibration mode with warm detectors (T~250) start of sun calibration: 13:36:21.368
17/09/08	data available within visibility of groundstation	start of sun calibration: 18:06:37.977
18/09/08	GOME switch-off due to ATSR-2 /GOME planned unavailability Start: 07:39:15 Stop: 15:45:46 data available within visibility of groundstation	TST44: solar calibration mode with warm detectors (T~250) start of sun calibration: 15:54:33.300

19/09/08	data available within visibility of groundstation	start of sun calibration: 17:03:36.700
20/09/08	data available within visibility of groundstation	start of sun calibration: 19:53:22.380
21/09/08	data available within visibility of groundstation	start of sun calibration: 19:21:48.900
22/09/08	data available within visibility of groundstation	start of sun calibration: 18:50:21.430
23/09/08	GOME switch-off due to ATSR-2 /GOME planned unavailability Start: 08:21:12 Stop: 16:29:28 Lamp Failure data available within visibility of groundstation	TST44: solar calibration mode with warm detectors (T~259) start of sun calibration: 16:38:14.530
24/09/08	data available within visibility of groundstation	start of sun calibration: 17:47:22.040
25/09/08	data available within visibility of groundstation	start of sun calibration: 17:15:48.530 o
26/09/08	data available within visibility of groundstation	start of sun calibration: 20:09:17.810
27/09/08	data available within visibility of groundstation	start of sun calibration: 19:34:00.817
28/09/08	data available within visibility of groundstation	start of sun calibration: 19:32:03.350
29/09/08	data available within visibility of groundstation	start of sun calibration: 18:30:59.880
30/09/08	data available within visibility of groundstation	start of sun calibration: 14:38:19.200

Anomalies:

single event upsets (SEU):

Date	Reason
04-05/09/08	GOME anomalous behavior during orbits 69935 of 04/09/2008 (UTC ca 18:00) until orbit 69940 of 05/09/2008 (UTC ca 02:00) <ul style="list-style-type: none"> - 3xNack flag set continuously - scan mirror position set to 261.8 deg continuously - scan motor temp. increased by ca 40 deg K - scan mirror temp. increased by ca 10 deg K - scan unit temp. increased by ca 20 deg K - scan motor current value at 64292 BU, instead ca. 38000 - no narrow swath executed due to anomaly this anomaly was cured with two GOME Power Cycle (GMN11) on 05/09/2008, at 02:01:37, orbit 69940, data at ca 02:30, orbit 69940, are nominal again

list of datagaps:

Date	Orbit No.	duration	reason
01/09/08	69881	00:26:23 - 00:37:28	gap at MM

01/09/08	69882	02:08:43 - 02:17:46	gap at MM
01/09/08	69883	03:51:46 - 03:58:30	gap at MM
01/09/08	69883	02:42:56 - 02:55:09	gap at MI
01/09/08	69883	02:44:32 - 02:51:09	gap at CM
01/09/08	69883	04:20:32 - 04:32:48	gap at CM
01/09/08	69884	04:54:04 - 05:02:21	gap at BE
01/09/08	69884	05:34:26 - 05:40:15	gap at MM
01/09/08	69884	04:22:26 - 04:34:09	gap at MI
01/09/08	69885	07:15:48 - 07:23:11	gap at MM
01/09/08	69886	08:56:21 - 09:06:06	gap at MM
01/09/08	69887	10:36:34 - 10:48:06	gap at MM
01/09/08	69888	12:16:33 - 12:29:03	gap at MM
01/09/08	69889	13:56:19 - 14:09:03	gap at MM
01/09/08	69890	14:29:49 - 14:43:02	gap at BE
01/09/08	69890	15:35:48 - 15:48:25	gap at MM
01/09/08	69890	15:03:10 - 15:14:39	gap at MI
01/09/08	69891	17:15:02 - 17:27:33	gap at MM
01/09/08	69891	16:42:00 - 16:54:23	gap at MI
01/09/08	69892	18:54:10 - 19:06:47	gap at MM
01/09/08	69893	20:33:32 - 20:46:16	gap at MM
01/09/08	69894	22:07:17 - 22:18:02	gap at HO
01/09/08	69894	22:13:31 - 22:26:01	gap at MM
01/09/08	69895	23:43:52 - 23:58:16	gap at HO
01/09/08	69895	23:54:26 - 00:06:00	gap at MM
01/09/08	69886	08:08:04 - 08:09:10	gap at KS
01/09/08	69887	09:47:41 - 09:48:50	gap at KS
01/09/08	69888	11:27:14 - 11:28:28	gap at KS
01/09/08	69889	13:06:24 - 13:07:33	gap at KS
01/09/08	69890	14:45:06 - 14:46:19	gap at KS
01/09/08	69891	16:22:45 - 16:23:58	gap at KS
01/09/08	69892	18:00:34 - 18:02:03	gap at KS
01/09/08	69888	11:40:10 - 11:41:25	gap at MS
01/09/08	69889	13:21:33 - 13:22:45	gap at MS
01/09/08	69888	11:37:06 - 11:39:04	gap at MA
01/09/08	69893	19:33:20 - 19:34:37	gap at MA
01/09/08	69894	21:11:40 - 21:13:02	gap at MA
01/09/08	69883	03:13:04 - 03:20:24	gap at BE
01/09/08	69883	03:24:04 - 03:26:04	gap at SG
01/09/08	69883	03:32:06 - 03:37:57	gap at SG
01/09/08	69890	15:59:08 - 16:00:34	gap at SG
01/09/08	69885	06:55:33 - 06:57:20	gap at JO
01/09/08	69886	08:32:45 - 08:34:15	gap at JO
01/09/08	69894	22:34:29 - 22:36:02	gap at JO
02/09/08	69895	23:54:26 - 00:06:00	gap at MM
02/09/08	69896	01:36:27 - 01:46:13	gap at MM
02/09/08	69897	03:19:21 - 03:26:46	gap at MM
02/09/08	69897	02:13:12 - 02:23:00	gap at MI
02/09/08	69898	04:21:57 - 04:32:55	gap at BE

02/09/08	69898	05:02:18 - 05:08:07	gap at MM
02/09/08	69898	03:50:25 - 04:03:33	gap at MI
02/09/08	69899	06:44:04 - 06:50:46	gap at MM
02/09/08	69899	05:58:10 - 06:02:58	gap at KS
02/09/08	69900	08:24:48 - 08:33:49	gap at MM
02/09/08	69901	10:05:06 - 10:16:10	gap at MM
02/09/08	69901	09:43:15 - 09:53:58	gap at JO
02/09/08	69902	11:45:09 - 11:57:26	gap at MM
02/09/08	69903	13:24:59 - 13:37:42	gap at MM
02/09/08	69904	13:58:29 - 14:11:52	gap at BE
02/09/08	69904	15:04:34 - 15:17:14	gap at MM
02/09/08	69904	14:33:37 - 14:41:23	gap at MI
02/09/08	69905	15:40:21 - 15:49:50	gap at BE
02/09/08	69905	16:43:52 - 16:56:24	gap at MM
02/09/08	69905	16:10:27 - 16:23:46	gap at MI
02/09/08	69906	18:23:00 - 18:35:35	gap at MM
02/09/08	69906	17:53:58 - 17:57:06	gap at MI
02/09/08	69907	20:02:15 - 20:14:58	gap at MM
02/09/08	69907	19:05:58 - 19:12:57	gap at MA
02/09/08	69908	21:42:00 - 21:54:38	gap at MM
02/09/08	69908	22:01:51 - 22:14:02	gap at JO
02/09/08	69909	23:22:37 - 23:34:33	gap at MM
02/09/08	69909	22:23:31 - 22:31:48	gap at MA
02/09/08	69901	09:16:22 - 09:17:30	gap at KS
02/09/08	69902	10:55:58 - 10:57:08	gap at KS
02/09/08	69903	12:35:18 - 12:36:27	gap at KS
02/09/08	69904	14:14:09 - 14:15:23	gap at KS
02/09/08	69905	15:52:00 - 15:53:11	gap at KS
02/09/08	69906	17:29:55 - 17:31:12	gap at KS
02/09/08	69902	11:09:05 - 11:10:22	gap at MS
02/09/08	69903	12:49:04 - 12:50:15	gap at MS
02/09/08	69902	11:04:58 - 11:12:02	gap at MA
02/09/08	69908	20:40:04 - 20:41:25	gap at MA
02/09/08	69897	02:41:53 - 02:43:13	gap at BE
02/09/08	69897	02:53:18 - 02:54:56	gap at SG
02/09/08	69904	15:27:38 - 15:28:38	gap at SG
02/09/08	69899	06:26:56 - 06:28:41	gap at JO
02/09/08	69900	08:01:32 - 08:02:51	gap at JO
03/09/08	69910	01:04:16 - 01:14:42	gap at MM
03/09/08	69910	00:15:56 - 00:19:32	gap at KS
03/09/08	69911	02:46:56 - 02:55:07	gap at MM
03/09/08	69911	01:45:14 - 01:49:23	gap at MI
03/09/08	69912	03:50:14 - 04:02:46	gap at BE
03/09/08	69912	04:30:01 - 04:36:08	gap at MM
03/09/08	69912	03:19:06 - 03:32:27	gap at MI
03/09/08	69913	06:12:14 - 06:18:23	gap at MM
03/09/08	69913	05:01:47 - 05:09:04	gap at MI
03/09/08	69914	07:53:12 - 08:01:29	gap at MM

03/09/08	69914	07:30:53 - 07:44:57	gap at JO
03/09/08	69915	09:33:36 - 09:44:06	gap at MM
03/09/08	69915	09:10:26 - 09:23:57	gap at JO
03/09/08	69916	11:13:44 - 11:25:43	gap at MM
03/09/08	69917	12:53:38 - 13:06:17	gap at MM
03/09/08	69918	14:42:36 - 14:53:07	gap at HO
03/09/08	69918	14:33:18 - 14:46:00	gap at MM
03/09/08	69919	15:07:33 - 15:19:31	gap at BE
03/09/08	69919	16:12:41 - 16:25:15	gap at MM
03/09/08	69919	15:39:19 - 15:52:30	gap at MI
03/09/08	69920	17:51:51 - 18:04:24	gap at MM
03/09/08	69920	17:20:00 - 17:29:32	gap at MI
03/09/08	69921	19:31:02 - 19:43:42	gap at MM
03/09/08	69922	21:10:35 - 21:23:17	gap at MM
03/09/08	69923	22:50:53 - 23:03:08	gap at MM
03/09/08	69923	21:49:57 - 22:01:35	gap at MA
03/09/08	69915	08:45:04 - 08:46:10	gap at KS
03/09/08	69916	10:24:41 - 10:25:51	gap at KS
03/09/08	69917	12:04:08 - 12:05:17	gap at KS
03/09/08	69918	13:43:05 - 13:44:16	gap at KS
03/09/08	69919	15:21:17 - 15:22:47	gap at KS
03/09/08	69920	16:58:59 - 17:00:13	gap at KS
03/09/08	69921	18:37:05 - 18:38:12	gap at KS
03/09/08	69923	21:57:50 - 21:58:52	gap at KS
03/09/08	69916	10:38:37 - 10:39:54	gap at MS
03/09/08	69917	12:17:16 - 12:18:34	gap at MS
03/09/08	69924	23:26:20 - 23:27:23	gap at MS
03/09/08	69922	20:09:12 - 20:11:11	gap at MA
03/09/08	69911	02:10:57 - 02:12:17	gap at BE
03/09/08	69911	02:24:14 - 02:34:05	gap at SG
03/09/08	69912	04:04:01 - 04:14:24	gap at SG
03/09/08	69918	14:56:46 - 15:02:17	gap at SG
03/09/08	69919	15:42:41 - 15:46:44	gap at CM
03/09/08	69920	17:22:10 - 17:23:27	gap at CM
03/09/08	69922	21:29:56 - 21:33:13	gap at JO
04/09/08	69924	00:32:12 - 00:43:12	gap at MM
04/09/08	69925	02:04:47 - 02:12:07	gap at HO
04/09/08	69925	02:14:35 - 02:23:31	gap at MM
04/09/08	69926	03:57:39 - 04:04:17	gap at MM
04/09/08	69926	02:48:26 - 03:00:56	gap at MI
04/09/08	69927	05:40:16 - 05:46:06	gap at MM
04/09/08	69927	04:28:21 - 04:39:38	gap at MI
04/09/08	69928	07:21:33 - 07:29:05	gap at MM
04/09/08	69929	09:02:05 - 09:11:57	gap at MM
04/09/08	69929	08:38:30 - 08:53:16	gap at JO
04/09/08	69930	10:42:17 - 10:53:54	gap at MM
04/09/08	69931	12:22:16 - 12:34:47	gap at MM
04/09/08	69931	11:42:55 - 11:49:28	gap at MA

04/09/08	69932	12:57:21 - 13:08:49	gap at BE
04/09/08	69932	14:02:00 - 14:14:44	gap at MM
04/09/08	69933	14:35:34 - 14:48:41	gap at BE
04/09/08	69933	15:41:29 - 15:54:05	gap at MM
04/09/08	69933	15:08:40 - 15:20:33	gap at MI
04/09/08	69934	17:20:42 - 17:33:13	gap at MM
04/09/08	69934	16:47:48 - 16:59:53	gap at MI
04/09/08	69935	18:59:50 - 19:12:28	gap at MM
04/09/08	69936	20:39:14 - 20:51:58	gap at MM
04/09/08	69936	20:58:26 - 21:13:23	gap at JO
04/09/08	69937	22:12:38 - 22:23:50	gap at HO
04/09/08	69937	22:19:16 - 22:31:43	gap at MM
04/09/08	69937	22:40:35 - 22:48:04	gap at JO
04/09/08	69938	23:49:30 - 00:03:57	gap at HO
04/09/08	69929	08:13:45 - 08:14:53	gap at KS
04/09/08	69930	09:53:23 - 09:54:31	gap at KS
04/09/08	69931	11:32:55 - 11:34:08	gap at KS
04/09/08	69932	13:12:03 - 13:13:11	gap at KS
04/09/08	69933	14:50:43 - 14:52:00	gap at KS
04/09/08	69934	16:28:22 - 16:29:38	gap at KS
04/09/08	69935	18:06:09 - 18:07:33	gap at KS
04/09/08	69930	10:08:38 - 10:09:48	gap at MS
04/09/08	69931	11:45:49 - 11:47:02	gap at MS
04/09/08	69932	13:27:40 - 13:29:19	gap at MS
04/09/08	69937	21:17:25 - 21:18:51	gap at MA
04/09/08	69930	10:01:25 - 10:03:09	gap at MA
04/09/08	69936	19:38:48 - 19:40:08	gap at MA
04/09/08	69926	03:18:46 - 03:20:00	gap at BE
04/09/08	69926	03:29:44 - 03:31:24	gap at SG
04/09/08	69926	03:38:26 - 03:43:37	gap at SG
04/09/08	69932	14:26:40 - 14:27:45	gap at SG
04/09/08	69928	07:00:55 - 07:03:15	gap at JO
04/09/08	69937	22:40:35 - 22:46:51	gap at JO
05/09/08	69938	00:00:14 - 00:11:43	gap at MM
05/09/08	69939	01:30:34 - 01:42:23	gap at HO
05/09/08	69939	01:42:18 - 01:51:57	gap at MM
05/09/08	69940	02:47:32 - 03:00:53	gap at BE
05/09/08	69940	03:25:14 - 03:32:32	gap at MM
05/09/08	69940	02:18:31 - 02:28:54	gap at MI
05/09/08	69941	04:27:45 - 04:38:20	gap at BE
05/09/08	69941	05:08:09 - 05:13:56	gap at MM
05/09/08	69941	03:56:11 - 04:09:09	gap at MI
05/09/08	69942	06:49:50 - 06:56:40	gap at MM
05/09/08	69942	06:03:42 - 06:09:09	gap at KS
05/09/08	69943	08:30:32 - 08:39:42	gap at MM
05/09/08	69943	07:52:55 - 07:59:48	gap at MA
05/09/08	69944	10:10:49 - 10:21:59	gap at MM
05/09/08	69945	11:50:52 - 12:03:11	gap at MM

05/09/08	69946	13:30:41 - 13:43:24	gap at MM
05/09/08	69947	14:04:08 - 14:17:33	gap at BE
05/09/08	69947	15:10:15 - 15:22:54	gap at MM
05/09/08	69947	14:38:51 - 14:47:34	gap at MI
05/09/08	69948	15:46:27 - 15:55:15	gap at BE
05/09/08	69948	16:49:32 - 17:02:04	gap at MM
05/09/08	69948	16:16:10 - 16:29:23	gap at MI
05/09/08	69949	18:28:40 - 18:41:15	gap at MM
05/09/08	69950	20:07:56 - 20:20:40	gap at MM
05/09/08	69951	21:47:44 - 22:00:21	gap at MM
05/09/08	69951	20:45:44 - 20:59:26	gap at MA
05/09/08	69952	23:28:23 - 23:40:16	gap at MM
05/09/08	69952	22:29:42 - 22:37:10	gap at MA
05/09/08	69944	09:22:04 - 09:23:12	gap at KS
05/09/08	69945	11:01:39 - 11:02:50	gap at KS
05/09/08	69946	12:40:57 - 12:42:06	gap at KS
05/09/08	69947	14:19:47 - 14:21:00	gap at KS
05/09/08	69948	15:57:35 - 15:58:46	gap at KS
05/09/08	69949	17:35:30 - 17:36:44	gap at KS
05/09/08	69948	16:11:30 - 16:24:09	gap at GS
05/09/08	69945	11:14:42 - 11:15:55	gap at MS
05/09/08	69946	12:54:54 - 12:56:06	gap at MS
05/09/08	69950	19:11:09 - 19:12:28	gap at MA
05/09/08	69940	02:58:50 - 02:59:53	gap at SG
05/09/08	69940	03:04:22 - 03:12:12	gap at SG
05/09/08	69941	04:47:28 - 04:49:41	gap at SG
05/09/08	69947	15:33:19 - 15:34:31	gap at SG
05/09/08	69942	06:31:59 - 06:34:03	gap at JO
05/09/08	69943	08:07:10 - 08:09:04	gap at JO
05/09/08	69944	09:49:22 - 09:51:12	gap at JO
05/09/08	69951	22:07:43 - 22:09:41	gap at JO
06/09/08	69953	01:10:07 - 01:20:25	gap at MM
06/09/08	69953	00:22:22 - 00:24:51	gap at KS
06/09/08	69954	02:16:33 - 02:29:09	gap at BE
06/09/08	69954	02:52:50 - 03:00:52	gap at MM
06/09/08	69954	01:50:00 - 01:55:47	gap at MI
06/09/08	69955	03:55:58 - 04:08:18	gap at BE
06/09/08	69955	04:35:54 - 04:41:56	gap at MM
06/09/08	69955	03:24:45 - 03:38:08	gap at MI
06/09/08	69956	06:18:01 - 06:24:16	gap at MM
06/09/08	69956	05:08:10 - 05:14:07	gap at MI
06/09/08	69957	07:58:57 - 08:07:22	gap at MM
06/09/08	69958	09:39:20 - 09:49:57	gap at MM
06/09/08	69959	11:19:27 - 11:31:30	gap at MM
06/09/08	69960	12:59:20 - 13:12:00	gap at MM
06/09/08	69961	14:38:59 - 14:51:41	gap at MM
06/09/08	69962	15:13:27 - 15:25:05	gap at BE
06/09/08	69962	16:18:21 - 16:30:55	gap at MM

06/09/08	69962	15:44:57 - 15:58:14	gap at MI
06/09/08	69962	15:48:12 - 15:59:36	gap at CM
06/09/08	69963	17:57:31 - 18:10:04	gap at MM
06/09/08	69963	17:25:57 - 17:34:48	gap at MI
06/09/08	69963	17:28:03 - 17:37:52	gap at CM
06/09/08	69964	19:36:42 - 19:49:23	gap at MM
06/09/08	69965	21:16:17 - 21:28:59	gap at MM
06/09/08	69965	20:14:47 - 20:28:33	gap at MA
06/09/08	69965	21:35:43 - 21:49:33	gap at JO
06/09/08	69966	22:56:39 - 23:08:50	gap at MM
06/09/08	69966	21:55:51 - 22:07:08	gap at MA
06/09/08	69958	08:50:45 - 08:51:52	gap at KS
06/09/08	69959	10:30:22 - 10:31:32	gap at KS
06/09/08	69960	12:09:48 - 12:10:57	gap at KS
06/09/08	69961	13:48:43 - 13:49:56	gap at KS
06/09/08	69962	15:26:52 - 15:28:19	gap at KS
06/09/08	69963	17:04:34 - 17:05:46	gap at KS
06/09/08	69964	18:42:44 - 18:43:47	gap at KS
06/09/08	69959	10:44:06 - 10:45:19	gap at MS
06/09/08	69960	12:23:00 - 12:24:16	gap at MS
06/09/08	69967	23:32:05 - 23:33:08	gap at MS
06/09/08	69954	02:28:42 - 02:29:46	gap at SG
06/09/08	69957	07:36:25 - 07:41:07	gap at JO
06/09/08	69958	09:16:19 - 09:21:59	gap at JO
07/09/08	69967	00:38:01 - 00:48:55	gap at MM
07/09/08	69968	01:45:58 - 01:56:45	gap at BE
07/09/08	69968	02:20:28 - 02:29:15	gap at MM
07/09/08	69969	04:03:32 - 04:10:04	gap at MM
07/09/08	69969	02:53:58 - 03:06:41	gap at MI
07/09/08	69969	02:54:50 - 03:03:19	gap at CM
07/09/08	69969	04:32:03 - 04:44:00	gap at CM
07/09/08	69970	05:46:05 - 05:51:58	gap at MM
07/09/08	69970	04:34:18 - 04:45:06	gap at MI
07/09/08	69971	07:27:19 - 07:34:58	gap at MM
07/09/08	69971	07:06:18 - 07:18:53	gap at JO
07/09/08	69972	09:07:49 - 09:17:48	gap at MM
07/09/08	69972	08:44:15 - 08:58:53	gap at JO
07/09/08	69973	10:48:00 - 10:59:42	gap at MM
07/09/08	69974	12:27:58 - 12:40:31	gap at MM
07/09/08	69974	11:48:56 - 11:54:34	gap at MA
07/09/08	69975	14:07:42 - 14:20:25	gap at MM
07/09/08	69976	14:41:20 - 14:54:19	gap at BE
07/09/08	69976	15:47:09 - 15:59:45	gap at MM
07/09/08	69976	15:14:12 - 15:26:25	gap at MI
07/09/08	69976	15:18:21 - 15:26:52	gap at CM
07/09/08	69977	17:26:22 - 17:38:53	gap at MM
07/09/08	69977	16:53:36 - 17:05:21	gap at MI
07/09/08	69977	16:56:00 - 17:07:51	gap at CM

07/09/08	69978	19:05:30 - 19:18:09	gap at MM
07/09/08	69979	20:44:55 - 20:57:39	gap at MM
07/09/08	69979	19:44:18 - 19:56:44	gap at MA
07/09/08	69979	21:04:08 - 21:19:00	gap at JO
07/09/08	69980	22:25:00 - 22:37:26	gap at MM
07/09/08	69981	23:55:08 - 00:09:38	gap at HO
07/09/08	69972	08:19:27 - 08:20:34	gap at KS
07/09/08	69973	09:59:04 - 10:00:14	gap at KS
07/09/08	69974	11:38:35 - 11:39:49	gap at KS
07/09/08	69975	13:17:42 - 13:18:49	gap at KS
07/09/08	69976	14:56:18 - 14:57:30	gap at KS
07/09/08	69977	16:33:55 - 16:35:09	gap at KS
07/09/08	69978	18:11:46 - 18:13:06	gap at KS
07/09/08	69968	01:20:57 - 01:22:06	gap at GS
07/09/08	69973	10:14:00 - 10:15:14	gap at MS
07/09/08	69974	11:51:27 - 11:52:44	gap at MS
07/09/08	69980	21:23:11 - 21:24:27	gap at MA
07/09/08	69969	03:24:28 - 03:25:41	gap at BE
07/09/08	69969	03:35:25 - 03:36:37	gap at SG
07/09/08	69969	03:39:41 - 03:49:16	gap at SG
07/09/08	69975	14:32:04 - 14:36:26	gap at SG
07/09/08	69980	22:46:48 - 22:48:32	gap at JO
08/09/08	69981	00:06:03 - 00:17:27	gap at MM
08/09/08	69982	01:48:10 - 01:57:41	gap at MM
08/09/08	69983	02:53:12 - 03:06:35	gap at BE
08/09/08	69983	03:31:08 - 03:38:18	gap at MM
08/09/08	69983	02:23:53 - 02:34:47	gap at MI
08/09/08	69983	04:00:37 - 04:13:02	gap at CM
08/09/08	69984	04:33:34 - 04:43:43	gap at BE
08/09/08	69984	05:14:00 - 05:19:47	gap at MM
08/09/08	69984	04:01:58 - 04:14:45	gap at MI
08/09/08	69985	06:55:37 - 07:02:33	gap at MM
08/09/08	69986	08:36:16 - 08:45:34	gap at MM
08/09/08	69986	07:59:07 - 08:07:05	gap at MA
08/09/08	69987	10:16:33 - 10:27:47	gap at MM
08/09/08	69987	09:32:45 - 09:44:08	gap at WF
08/09/08	69988	11:56:35 - 12:08:56	gap at MM
08/09/08	69988	11:11:36 - 11:26:03	gap at WF
08/09/08	69989	13:36:23 - 13:49:06	gap at MM
08/09/08	69989	12:51:16 - 13:04:27	gap at WF
08/09/08	69990	14:09:49 - 14:23:14	gap at BE
08/09/08	69990	15:15:55 - 15:28:34	gap at MM
08/09/08	69990	14:44:10 - 14:53:41	gap at MI
08/09/08	69990	14:31:14 - 14:40:02	gap at WF
08/09/08	69991	15:52:36 - 16:00:37	gap at BE
08/09/08	69991	16:55:12 - 17:07:44	gap at MM
08/09/08	69991	16:21:53 - 16:34:59	gap at MI
08/09/08	69992	18:34:20 - 18:46:55	gap at MM

08/09/08	69993	20:13:37 - 20:26:21	gap at MM
08/09/08	69993	19:16:24 - 19:24:43	gap at MA
08/09/08	69994	21:53:27 - 22:06:03	gap at MM
08/09/08	69994	20:51:24 - 21:05:07	gap at MA
08/09/08	69995	23:34:10 - 23:45:59	gap at MM
08/09/08	69995	22:35:59 - 22:42:28	gap at MA
08/09/08	69986	07:48:10 - 07:49:16	gap at KS
08/09/08	69987	09:27:46 - 09:28:54	gap at KS
08/09/08	69988	11:07:20 - 11:08:30	gap at KS
08/09/08	69989	12:46:37 - 12:47:44	gap at KS
08/09/08	69990	14:25:25 - 14:26:37	gap at KS
08/09/08	69991	16:03:10 - 16:04:22	gap at KS
08/09/08	69992	17:41:05 - 17:42:19	gap at KS
08/09/08	69983	02:28:06 - 02:30:15	gap at GS
08/09/08	69988	11:20:20 - 11:21:36	gap at MS
08/09/08	69989	13:00:48 - 13:01:56	gap at MS
08/09/08	69983	03:04:24 - 03:05:36	gap at SG
08/09/08	69990	15:39:01 - 15:40:17	gap at SG
08/09/08	69985	06:37:08 - 06:38:42	gap at JO
08/09/08	69986	08:12:49 - 08:14:41	gap at JO
08/09/08	69987	09:55:33 - 09:57:09	gap at JO
09/09/08	69996	01:15:57 - 01:26:09	gap at MM
09/09/08	69997	02:22:10 - 02:34:58	gap at BE
09/09/08	69997	02:58:43 - 03:06:37	gap at MM
09/09/08	69997	01:54:59 - 02:01:59	gap at MI
09/09/08	69998	04:01:44 - 04:13:48	gap at BE
09/09/08	69998	04:41:46 - 04:47:44	gap at MM
09/09/08	69998	03:30:25 - 03:43:48	gap at MI
09/09/08	69998	05:10:20 - 05:19:38	gap at CM
09/09/08	69999	06:23:49 - 06:30:09	gap at MM
09/09/08	69999	05:14:50 - 05:18:54	gap at MI
09/09/08	70000	08:04:42 - 08:13:15	gap at MM
09/09/08	70001	09:45:04 - 09:55:47	gap at MM
09/09/08	70002	11:25:10 - 11:37:16	gap at MM
09/09/08	70003	13:05:02 - 13:17:43	gap at MM
09/09/08	70004	14:44:40 - 14:57:22	gap at MM
09/09/08	70005	15:19:22 - 15:30:37	gap at BE
09/09/08	70005	16:24:01 - 16:36:35	gap at MM
09/09/08	70005	15:50:36 - 16:03:57	gap at MI
09/09/08	70005	15:53:44 - 16:05:26	gap at CM
09/09/08	70006	18:03:11 - 18:15:44	gap at MM
09/09/08	70006	17:31:58 - 17:39:59	gap at MI
09/09/08	70006	17:33:59 - 17:43:12	gap at CM
09/09/08	70007	19:42:23 - 19:55:04	gap at MM
09/09/08	70007	18:47:33 - 18:51:43	gap at MA
09/09/08	70007	20:02:04 - 20:16:09	gap at JO
09/09/08	70008	21:22:00 - 21:34:41	gap at MM
09/09/08	70008	21:41:29 - 21:55:02	gap at JO

09/09/08	70009	23:02:24 - 23:14:33	gap at MM
09/09/08	70009	22:01:51 - 22:12:40	gap at MA
09/09/08	70001	08:56:27 - 08:57:34	gap at KS
09/09/08	70002	10:36:04 - 10:37:13	gap at KS
09/09/08	70003	12:15:28 - 12:16:36	gap at KS
09/09/08	70004	13:54:22 - 13:55:34	gap at KS
09/09/08	70005	15:32:27 - 15:33:48	gap at KS
09/09/08	70006	17:10:11 - 17:11:23	gap at KS
09/09/08	70007	18:48:22 - 18:49:22	gap at KS
09/09/08	70002	10:49:36 - 10:50:49	gap at MS
09/09/08	70003	12:28:44 - 12:29:59	gap at MS
09/09/08	70008	20:20:22 - 20:21:36	gap at MA
09/09/08	70004	15:07:55 - 15:08:58	gap at SG
09/09/08	70005	16:49:34 - 16:50:56	gap at SG
09/09/08	70000	07:41:58 - 07:43:20	gap at JO
09/09/08	70001	09:22:15 - 09:23:46	gap at JO
10/09/08	70010	00:43:51 - 00:54:39	gap at MM
10/09/08	70011	01:51:29 - 02:02:42	gap at BE
10/09/08	70011	02:26:21 - 02:35:00	gap at MM
10/09/08	70012	03:30:11 - 03:43:18	gap at BE
10/09/08	70012	04:09:26 - 04:15:51	gap at MM
10/09/08	70012	02:59:31 - 03:12:26	gap at MI
10/09/08	70013	05:51:54 - 05:57:50	gap at MM
10/09/08	70013	04:40:18 - 04:50:31	gap at MI
10/09/08	70013	06:18:27 - 06:30:09	gap at CM
10/09/08	70014	07:33:04 - 07:40:52	gap at MM
10/09/08	70014	07:11:43 - 07:24:42	gap at JO
10/09/08	70015	09:13:33 - 09:23:39	gap at MM
10/09/08	70016	10:53:43 - 11:05:29	gap at MM
10/09/08	70017	12:33:41 - 12:46:15	gap at MM
10/09/08	70018	14:13:23 - 14:26:07	gap at MM
10/09/08	70019	14:47:07 - 14:59:56	gap at BE
10/09/08	70019	15:52:50 - 16:05:25	gap at MM
10/09/08	70019	15:19:45 - 15:32:16	gap at MI
10/09/08	70020	17:32:02 - 17:44:33	gap at MM
10/09/08	70020	16:59:25 - 17:10:47	gap at MI
10/09/08	70021	19:11:10 - 19:23:49	gap at MM
10/09/08	70022	20:50:37 - 21:03:21	gap at MM
10/09/08	70023	22:30:45 - 22:43:08	gap at MM
10/09/08	70015	08:25:08 - 08:26:15	gap at KS
10/09/08	70016	10:04:46 - 10:05:55	gap at KS
10/09/08	70017	11:44:16 - 11:45:30	gap at KS
10/09/08	70018	13:23:21 - 13:24:27	gap at KS
10/09/08	70019	15:01:53 - 15:03:10	gap at KS
10/09/08	70020	16:39:29 - 16:40:42	gap at KS
10/09/08	70021	18:17:23 - 18:18:43	gap at KS
10/09/08	70016	10:19:26 - 10:20:38	gap at MS
10/09/08	70017	11:57:09 - 11:58:22	gap at MS

10/09/08	70023	21:28:58 - 21:30:11	gap at MA
10/09/08	70018	14:37:30 - 14:39:59	gap at SG
10/09/08	70012	03:00:07 - 03:04:43	gap at CM
10/09/08	70015	08:50:02 - 08:51:33	gap at JO
10/09/08	70022	21:09:51 - 21:11:17	gap at JO
10/09/08	70022	21:18:26 - 21:24:36	gap at JO
11/09/08	70024	00:11:51 - 00:23:10	gap at MM
11/09/08	70025	01:54:02 - 02:03:26	gap at MM
11/09/08	70026	03:37:02 - 03:44:04	gap at MM
11/09/08	70026	02:29:18 - 02:40:38	gap at MI
11/09/08	70026	03:10:00 - 03:23:42	gap at SG
11/09/08	70027	04:39:23 - 04:49:05	gap at BE
11/09/08	70027	05:19:51 - 05:25:37	gap at MM
11/09/08	70027	04:07:47 - 04:20:19	gap at MI
11/09/08	70028	07:01:23 - 07:08:27	gap at MM
11/09/08	70028	06:42:20 - 06:52:23	gap at JO
11/09/08	70029	08:42:01 - 08:51:26	gap at MM
11/09/08	70029	08:18:30 - 08:33:31	gap at JO
11/09/08	70030	10:22:16 - 10:33:36	gap at MM
11/09/08	70031	12:02:17 - 12:14:41	gap at MM
11/09/08	70032	13:42:05 - 13:54:48	gap at MM
11/09/08	70033	14:15:30 - 14:28:54	gap at BE
11/09/08	70033	15:21:36 - 15:34:15	gap at MM
11/09/08	70033	14:49:33 - 14:59:44	gap at MI
11/09/08	70034	15:58:50 - 16:05:54	gap at BE
11/09/08	70034	17:00:52 - 17:13:24	gap at MM
11/09/08	70034	16:27:37 - 16:40:33	gap at MI
11/09/08	70035	18:40:00 - 18:52:36	gap at MM
11/09/08	70036	20:19:19 - 20:32:02	gap at MM
11/09/08	70036	20:38:34 - 20:53:34	gap at JO
11/09/08	70037	21:54:05 - 22:03:28	gap at HO
11/09/08	70037	21:59:11 - 22:11:45	gap at MM
11/09/08	70037	20:57:07 - 21:10:47	gap at MA
11/09/08	70038	23:39:58 - 23:51:42	gap at MM
11/09/08	70038	22:42:26 - 22:47:40	gap at MA
11/09/08	70029	07:53:51 - 07:54:57	gap at KS
11/09/08	70030	09:33:27 - 09:34:35	gap at KS
11/09/08	70031	11:13:01 - 11:14:10	gap at KS
11/09/08	70032	12:52:16 - 12:53:24	gap at KS
11/09/08	70033	14:31:02 - 14:32:14	gap at KS
11/09/08	70034	16:08:45 - 16:09:55	gap at KS
11/09/08	70035	17:46:40 - 17:47:56	gap at KS
11/09/08	70037	21:05:25 - 21:06:25	gap at KS
11/09/08	70031	11:25:59 - 11:27:17	gap at MS
11/09/08	70032	13:06:41 - 13:07:54	gap at MS
11/09/08	70038	22:35:31 - 22:36:35	gap at MS
11/09/08	70026	02:58:52 - 03:00:05	gap at BE
11/09/08	70033	15:44:44 - 15:46:04	gap at SG

11/09/08	70034	16:30:16 - 16:32:51	gap at CM
11/09/08	70034	16:39:31 - 16:42:40	gap at CM
11/09/08	70030	10:01:51 - 10:03:29	gap at JO
11/09/08	70035	19:02:44 - 19:04:25	gap at JO
11/09/08	70035	19:04:26 - 19:09:46	gap at JO
11/09/08	70037	22:19:31 - 22:21:00	gap at JO
12/09/08	70039	01:21:48 - 01:31:53	gap at MM
12/09/08	70040	03:04:37 - 03:12:22	gap at MM
12/09/08	70040	02:00:06 - 02:08:04	gap at MI
12/09/08	70041	04:07:29 - 04:19:17	gap at BE
12/09/08	70041	04:47:38 - 04:53:33	gap at MM
12/09/08	70041	03:36:07 - 03:49:28	gap at MI
12/09/08	70042	06:29:36 - 06:36:03	gap at MM
12/09/08	70043	08:10:26 - 08:19:08	gap at MM
12/09/08	70044	09:50:47 - 10:01:36	gap at MM
12/09/08	70045	11:30:53 - 11:43:02	gap at MM
12/09/08	70046	13:10:44 - 13:23:26	gap at MM
12/09/08	70047	14:50:21 - 15:03:03	gap at MM
12/09/08	70047	14:21:14 - 14:25:08	gap at MI
12/09/08	70048	15:25:19 - 15:36:09	gap at BE
12/09/08	70048	16:29:42 - 16:42:15	gap at MM
12/09/08	70048	15:56:15 - 16:09:38	gap at MI
12/09/08	70048	16:55:47 - 17:03:12	gap at SG
12/09/08	70049	18:08:51 - 18:21:24	gap at MM
12/09/08	70049	17:38:02 - 17:45:06	gap at MI
12/09/08	70050	19:48:03 - 20:00:45	gap at MM
12/09/08	70050	20:07:39 - 20:21:58	gap at JO
12/09/08	70051	21:27:43 - 21:40:23	gap at MM
12/09/08	70052	23:08:11 - 23:20:16	gap at MM
12/09/08	70044	09:02:08 - 09:03:15	gap at KS
12/09/08	70045	10:41:45 - 10:42:54	gap at KS
12/09/08	70046	12:21:08 - 12:22:16	gap at KS
12/09/08	70047	14:00:02 - 14:01:14	gap at KS
12/09/08	70048	15:38:03 - 15:39:19	gap at KS
12/09/08	70049	17:15:52 - 17:17:04	gap at KS
12/09/08	70045	10:55:03 - 10:56:11	gap at MS
12/09/08	70046	12:34:29 - 12:35:37	gap at MS
12/09/08	70053	23:43:39 - 23:47:22	gap at MS
12/09/08	70045	10:49:55 - 10:51:02	gap at MA
12/09/08	70050	18:53:07 - 18:54:56	gap at MA
12/09/08	70040	02:27:47 - 02:29:03	gap at BE
12/09/08	70040	02:39:33 - 02:41:41	gap at SG
12/09/08	70040	02:48:14 - 02:51:50	gap at SG
12/09/08	70041	04:29:33 - 04:30:52	gap at SG
12/09/08	70043	07:47:32 - 07:51:11	gap at JO
12/09/08	70044	09:28:12 - 09:29:45	gap at JO
12/09/08	70051	21:47:17 - 21:48:46	gap at JO
13/09/08	70053	00:49:41 - 01:00:22	gap at MM

13/09/08	70053	00:00:21 - 00:05:49	gap at KS
13/09/08	70054	01:57:01 - 02:08:38	gap at BE
13/09/08	70054	02:32:14 - 02:40:45	gap at MM
13/09/08	70054	02:10:11 - 02:18:58	gap at SG
13/09/08	70055	04:15:19 - 04:21:38	gap at MM
13/09/08	70055	03:05:05 - 03:18:10	gap at MI
13/09/08	70056	05:57:43 - 06:03:42	gap at MM
13/09/08	70056	04:46:21 - 04:55:54	gap at MI
13/09/08	70057	07:38:49 - 07:46:45	gap at MM
13/09/08	70058	09:19:17 - 09:29:30	gap at MM
13/09/08	70059	10:59:27 - 11:11:16	gap at MM
13/09/08	70060	12:39:23 - 12:51:59	gap at MM
13/09/08	70061	14:28:08 - 14:40:10	gap at HO
13/09/08	70061	14:19:05 - 14:31:48	gap at MM
13/09/08	70062	14:52:56 - 15:05:33	gap at BE
13/09/08	70062	15:58:30 - 16:11:05	gap at MM
13/09/08	70062	15:25:19 - 15:38:04	gap at MI
13/09/08	70062	16:22:31 - 16:34:15	gap at SG
13/09/08	70062	15:29:03 - 15:38:56	gap at CM
13/09/08	70063	17:37:41 - 17:50:13	gap at MM
13/09/08	70063	17:05:16 - 17:16:11	gap at MI
13/09/08	70063	17:07:34 - 17:18:53	gap at CM
13/09/08	70064	19:16:51 - 19:29:30	gap at MM
13/09/08	70064	19:37:14 - 19:49:39	gap at JO
13/09/08	70065	20:56:19 - 21:09:03	gap at MM
13/09/08	70066	22:28:52 - 22:41:06	gap at HO
13/09/08	70066	22:36:30 - 22:48:51	gap at MM
13/09/08	70058	08:30:50 - 08:31:56	gap at KS
13/09/08	70059	10:10:27 - 10:11:36	gap at KS
13/09/08	70060	11:49:57 - 11:51:10	gap at KS
13/09/08	70061	13:28:59 - 13:30:06	gap at KS
13/09/08	70062	15:07:26 - 15:08:47	gap at KS
13/09/08	70063	16:45:03 - 16:46:16	gap at KS
13/09/08	70064	18:23:01 - 18:24:12	gap at KS
13/09/08	70059	10:24:53 - 10:26:08	gap at MS
13/09/08	70060	12:02:55 - 12:04:02	gap at MS
13/09/08	70065	19:55:19 - 19:56:36	gap at MA
13/09/08	70066	21:34:46 - 21:35:55	gap at MA
13/09/08	70055	03:35:54 - 03:37:10	gap at BE
13/09/08	70061	14:42:58 - 14:46:02	gap at SG
13/09/08	70057	07:17:10 - 07:18:39	gap at JO
13/09/08	70058	08:55:50 - 08:58:19	gap at JO
13/09/08	70058	09:05:54 - 09:10:04	gap at JO
13/09/08	70065	21:15:35 - 21:16:59	gap at JO
14/09/08	70067	00:06:25 - 00:21:00	gap at HO
14/09/08	70067	00:17:40 - 00:28:53	gap at MM
14/09/08	70068	01:48:58 - 01:58:53	gap at HO
14/09/08	70068	01:59:54 - 02:09:10	gap at MM

14/09/08	70069	03:04:32 - 03:17:57	gap at BE
14/09/08	70069	03:42:55 - 03:49:50	gap at MM
14/09/08	70069	02:34:44 - 02:46:27	gap at MI
14/09/08	70069	02:37:11 - 02:41:41	gap at CM
14/09/08	70069	04:11:58 - 04:24:21	gap at CM
14/09/08	70070	04:45:15 - 04:54:25	gap at BE
14/09/08	70070	05:25:41 - 05:31:28	gap at MM
14/09/08	70070	04:13:37 - 04:25:52	gap at MI
14/09/08	70071	07:07:09 - 07:14:21	gap at MM
14/09/08	70072	08:47:45 - 08:57:18	gap at MM
14/09/08	70073	10:27:59 - 10:39:24	gap at MM
14/09/08	70074	12:08:00 - 12:20:26	gap at MM
14/09/08	70075	13:47:46 - 14:00:30	gap at MM
14/09/08	70075	12:57:55 - 13:10:32	gap at KS
14/09/08	70076	14:21:13 - 14:34:34	gap at BE
14/09/08	70076	15:27:17 - 15:39:55	gap at MM
14/09/08	70076	14:54:58 - 15:05:44	gap at MI
14/09/08	70076	15:00:41 - 15:04:38	gap at CM
14/09/08	70077	16:05:11 - 16:11:05	gap at BE
14/09/08	70077	17:06:32 - 17:19:04	gap at MM
14/09/08	70077	16:33:21 - 16:46:06	gap at MI
14/09/08	70077	16:35:57 - 16:48:19	gap at CM
14/09/08	70078	18:45:40 - 18:58:16	gap at MM
14/09/08	70079	20:25:00 - 20:37:44	gap at MM
14/09/08	70079	20:44:14 - 20:59:15	gap at JO
14/09/08	70080	22:04:55 - 22:17:27	gap at MM
14/09/08	70080	22:25:28 - 22:35:15	gap at JO
14/09/08	70081	23:45:45 - 23:57:25	gap at MM
14/09/08	70072	07:59:32 - 08:00:41	gap at KS
14/09/08	70073	09:39:09 - 09:40:17	gap at KS
14/09/08	70074	11:18:42 - 11:19:51	gap at KS
14/09/08	70076	14:36:40 - 14:37:52	gap at KS
14/09/08	70077	16:14:20 - 16:15:32	gap at KS
14/09/08	70078	17:52:14 - 17:53:35	gap at KS
14/09/08	70074	11:31:39 - 11:32:56	gap at MS
14/09/08	70075	13:12:35 - 13:13:43	gap at MS
14/09/08	70080	21:03:00 - 21:04:16	gap at MA
14/09/08	70069	03:15:37 - 03:19:00	gap at SG
14/09/08	70076	15:50:29 - 15:51:41	gap at SG
14/09/08	70071	06:47:35 - 06:49:30	gap at JO
14/09/08	70072	08:24:11 - 08:25:43	gap at JO
14/09/08	70073	10:08:17 - 10:10:01	gap at JO
14/09/08	70078	19:07:49 - 19:09:28	gap at JO
15/09/08	70082	01:27:40 - 01:37:37	gap at MM
15/09/08	70083	02:33:25 - 02:46:32	gap at BE
15/09/08	70083	03:10:30 - 03:18:08	gap at MM
15/09/08	70083	02:05:17 - 02:14:05	gap at MI
15/09/08	70083	03:40:59 - 03:53:02	gap at CM

15/09/08	70084	04:13:16 - 04:24:45	gap at BE
15/09/08	70084	04:53:30 - 04:59:22	gap at MM
15/09/08	70084	03:41:49 - 03:55:06	gap at MI
15/09/08	70084	04:24:37 - 04:36:18	gap at SG
15/09/08	70085	06:35:23 - 06:41:56	gap at MM
15/09/08	70085	05:29:58 - 05:43:25	gap at PS
15/09/08	70085	05:49:59 - 05:52:29	gap at KS
15/09/08	70085	05:22:33 - 05:30:13	gap at CM
15/09/08	70086	08:16:11 - 08:25:00	gap at MM
15/09/08	70087	09:56:31 - 10:07:26	gap at MM
15/09/08	70087	09:34:11 - 09:45:53	gap at JO
15/09/08	70087	09:07:50 - 09:08:57	gap at KS
15/09/08	70088	10:47:26 - 10:48:35	gap at KS
15/09/08	70088	10:52:23 - 11:01:22	gap at KS
15/09/08	70086	07:53:07 - 07:54:26	gap at JO
15/09/08	70086	08:06:40 - 08:07:55	gap at JO
15/09/08	70088 - 70096		data gap due to ERS2 unavailability (see unavailability report ERS-2-UNA2008/033)
16/09/08	70096 - 70103		data gap due to ERS2 unavailability (see unavailability report ERS-2-UNA2008033)
16/09/08	70104	14:33:55 - 14:45:36	gap at HO
16/09/08	70104	14:24:46 - 14:37:29	gap at MM
16/09/08	70105	14:58:46 - 15:11:09	gap at BE
16/09/08	70105	15:30:54 - 15:43:52	gap at MI
16/09/08	70105	16:28:26 - 16:39:39	gap at SG
16/09/08	70105	15:34:29 - 15:44:53	gap at CM
16/09/08	70106	17:11:08 - 17:21:33	gap at MI
16/09/08	70106	17:13:23 - 17:24:21	gap at CM
16/09/08	70107	19:22:31 - 19:35:11	gap at MM
16/09/08	70107	19:42:42 - 19:55:36	gap at JO
16/09/08	70109	22:34:19 - 22:46:50	gap at HO
16/09/08	70104	13:34:37 - 13:35:45	gap at KS
16/09/08	70105	15:12:59 - 15:14:24	gap at KS
16/09/08	70106	16:50:36 - 16:51:52	gap at KS
16/09/08	70107	18:28:38 - 18:29:45	gap at KS
16/09/08	70108	20:00:52 - 20:02:05	gap at MA
16/09/08	70106	17:43:21 - 17:44:36	gap at MM
16/09/08	70104	14:48:28 - 14:51:41	gap at SG
16/09/08	70108	21:21:19 - 21:22:42	gap at JO
16/09/08	70096	23:49:28 - 00:02:08	gap at MS
16/09/08	70096	00:06:32 - 00:11:21	gap at KS
16/09/08	70097	02:02:35 - 02:14:31	gap at BE
16/09/08	70097	01:37:20 - 01:49:31	gap at GS
16/09/08	70097	02:15:24 - 02:25:04	gap at SG
16/09/08	70098	03:41:38 - 03:54:27	gap at BE
16/09/08	70098	04:21:12 - 04:27:26	gap at MM
16/09/08	70098	03:10:41 - 03:23:54	gap at MI

16/09/08	70098	03:15:33 - 03:29:20	gap at GS
16/09/08	70098	03:52:35 - 04:06:04	gap at SG
16/09/08	70098	03:10:49 - 03:21:07	gap at CM
16/09/08	70098	04:49:32 - 05:00:37	gap at CM
16/09/08	70099	06:03:31 - 06:09:34	gap at MM
16/09/08	70099	04:52:27 - 05:01:14	gap at MI
16/09/08	70099	04:58:21 - 05:12:15	gap at PS
16/09/08	70100	07:44:35 - 07:52:39	gap at MM
16/09/08	70100	06:40:34 - 06:50:49	gap at PS
16/09/08	70100	06:57:06 - 07:06:22	gap at KS
16/09/08	70100	07:22:38 - 07:36:18	gap at JO
16/09/08	70101	09:25:01 - 09:35:21	gap at MM
16/09/08	70101	08:36:31 - 08:49:36	gap at KS
16/09/08	70101	08:45:29 - 08:57:50	gap at MA
16/09/08	70102	11:05:10 - 11:17:03	gap at MM
16/09/08	70102	10:16:09 - 10:30:09	gap at KS
16/09/08	70102	10:24:11 - 10:36:20	gap at MA
16/09/08	70103	11:55:37 - 12:08:58	gap at KS
16/09/08	70103	12:08:38 - 12:21:35	gap at MS
17/09/08	70110	00:12:03 - 00:26:41	gap at HO
17/09/08	70111	01:55:11 - 02:04:13	gap at HO
17/09/08	70112	03:10:14 - 03:23:37	gap at BE
17/09/08	70112	02:40:11 - 02:52:15	gap at MI
17/09/08	70112	02:42:01 - 02:48:03	gap at CM
17/09/08	70112	04:17:40 - 04:29:59	gap at CM
17/09/08	70113	04:51:07 - 04:59:43	gap at BE
17/09/08	70113	04:19:29 - 04:31:24	gap at MI
17/09/08	70119	14:26:56 - 14:40:13	gap at BE
17/09/08	70119	15:00:26 - 15:11:41	gap at MI
17/09/08	70120	16:39:07 - 16:51:38	gap at MI
17/09/08	70121	19:13:02 - 19:22:23	gap at JO
17/09/08	70122	19:51:37 - 20:03:23	gap at PS
17/09/08	70122	20:49:54 - 21:04:55	gap at JO
17/09/08	70123	22:04:35 - 22:15:08	gap at HO
17/09/08	70123	22:31:28 - 22:40:26	gap at JO
17/09/08	70124	23:41:02 - 23:55:25	gap at HO
17/09/08	70124	23:51:33 - 00:03:09	gap at MM
17/09/08	70115	08:05:13 - 08:06:19	gap at KS
17/09/08	70116	09:44:50 - 09:45:58	gap at KS
17/09/08	70117	11:24:23 - 11:25:35	gap at KS
17/09/08	70118	13:03:35 - 13:04:42	gap at KS
17/09/08	70119	14:42:17 - 14:43:29	gap at KS
17/09/08	70120	16:19:57 - 16:21:08	gap at KS
17/09/08	70121	17:57:47 - 17:59:15	gap at KS
17/09/08	70117	11:37:20 - 11:38:35	gap at MS
17/09/08	70118	13:18:32 - 13:19:40	gap at MS
17/09/08	70116	09:52:53 - 09:56:15	gap at MA
17/09/08	70122	19:30:36 - 19:31:49	gap at MA

17/09/08	70119	15:56:15 - 15:57:31	gap at SG
17/09/08	70120	16:41:39 - 16:43:44	gap at CM
17/09/08	70114	06:52:53 - 06:54:39	gap at JO
17/09/08	70115	08:29:54 - 08:31:23	gap at JO
18/09/08	70125	01:21:35 - 01:34:05	gap at HO
18/09/08	70126	02:39:03 - 02:52:17	gap at BE
18/09/08	70126	02:10:33 - 02:20:02	gap at MI
18/09/08	70127	04:19:03 - 04:30:12	gap at BE
18/09/08	70127	03:47:33 - 04:00:44	gap at MI
18/09/08	70128	05:35:45 - 05:49:05	gap at PS
18/09/08	70128	05:55:25 - 05:59:51	gap at KS
18/09/08	70129 - 70134		data gap due to ERS2 unavailability (see unavailability report ERS-2-UNA2008034)
18/09/08	70134	16:07:36 - 16:20:57	gap at MI
18/09/08	70135	17:50:36 - 17:54:53	gap at MI
18/09/08	70136	19:59:25 - 20:12:08	gap at MM
18/09/08	70136	19:20:10 - 19:33:02	gap at PS
18/09/08	70136	20:18:50 - 20:33:32	gap at JO
18/09/08	70137	21:00:30 - 21:08:26	gap at PS
18/09/08	70138	23:10:12 - 23:24:04	gap at HO
18/09/08	70138	23:19:43 - 23:31:42	gap at MM
18/09/08	70129	07:39:15 - 07:45:13	gap at KS
18/09/08	70134	15:49:13 - 15:50:22	gap at KS
18/09/08	70135	17:27:07 - 17:28:18	gap at KS
18/09/08	70125	00:27:59 - 00:29:13	gap at MS
18/09/08	70135	18:20:10 - 18:21:26	gap at MM
18/09/08	70126	02:50:32 - 02:51:33	gap at SG
18/09/08	70128	06:24:28 - 06:26:09	gap at JO
18/09/08	70137	21:58:56 - 22:05:32	gap at JO
18/09/08	70137	22:07:02 - 22:11:21	gap at JO
19/09/08	70139	00:49:31 - 01:03:24	gap at HO
19/09/08	70139	00:12:47 - 00:16:50	gap at KS
19/09/08	70140	02:08:10 - 02:20:23	gap at BE
19/09/08	70140	01:43:03 - 01:46:00	gap at MI
19/09/08	70141	03:47:22 - 04:00:00	gap at BE
19/09/08	70141	03:58:21 - 04:11:37	gap at SG
19/09/08	70142	05:04:04 - 05:17:56	gap at PS
19/09/08	70143	06:46:35 - 06:56:22	gap at PS
19/09/08	70143	07:28:08 - 07:42:04	gap at JO
19/09/08	70144	09:07:30 - 09:21:11	gap at JO
19/09/08	70145	11:21:21 - 11:31:59	gap at HO
19/09/08	70146	12:59:23 - 13:14:12	gap at HO
19/09/08	70146	12:50:47 - 13:03:25	gap at MM
19/09/08	70147	14:39:42 - 14:50:47	gap at HO
19/09/08	70147	14:30:27 - 14:43:10	gap at MM
19/09/08	70148	15:04:37 - 15:16:44	gap at BE
19/09/08	70148	15:36:31 - 15:49:38	gap at MI

19/09/08	70148	16:34:24 - 16:45:00	gap at SG
19/09/08	70149	17:17:02 - 17:26:53	gap at MI
19/09/08	70150	19:28:11 - 19:40:52	gap at MM
19/09/08	70150	18:48:47 - 19:02:22	gap at PS
19/09/08	70151	20:28:52 - 20:38:50	gap at PS
19/09/08	70152	22:39:46 - 22:52:34	gap at HO
19/09/08	70144	08:42:13 - 08:43:18	gap at KS
19/09/08	70145	10:21:50 - 10:22:58	gap at KS
19/09/08	70146	12:01:17 - 12:02:28	gap at KS
19/09/08	70147	13:40:16 - 13:41:24	gap at KS
19/09/08	70148	15:18:30 - 15:19:58	gap at KS
19/09/08	70149	16:56:11 - 16:57:26	gap at KS
19/09/08	70150	18:34:16 - 18:35:22	gap at KS
19/09/08	70145	10:35:51 - 10:37:05	gap at MS
19/09/08	70146	12:14:24 - 12:15:36	gap at MS
19/09/08	70151	20:06:25 - 20:08:13	gap at MA
19/09/08	70152	21:47:01 - 21:48:23	gap at MA
19/09/08	70149	17:49:01 - 17:50:18	gap at MM
19/09/08	70141	03:16:14 - 03:26:12	gap at CM
19/09/08	70148	15:39:57 - 15:41:27	gap at CM
19/09/08	70149	17:28:36 - 17:29:47	gap at CM
19/09/08	70151	21:27:04 - 21:29:54	gap at JO
20/09/08	70153	00:17:43 - 00:32:21	gap at HO
20/09/08	70154	02:01:23 - 02:09:30	gap at HO
20/09/08	70154	02:11:39 - 02:20:39	gap at MM
20/09/08	70155	03:15:55 - 03:29:16	gap at BE
20/09/08	70155	02:45:41 - 02:58:02	gap at MI
20/09/08	70155	03:26:54 - 03:40:47	gap at SG
20/09/08	70155	04:23:24 - 04:35:36	gap at CM
20/09/08	70156	04:57:01 - 05:04:59	gap at BE
20/09/08	70156	04:25:23 - 04:36:54	gap at MI
20/09/08	70157	06:13:46 - 06:25:41	gap at PS
20/09/08	70160	12:28:22 - 12:42:52	gap at HO
20/09/08	70160	12:19:25 - 12:31:55	gap at MM
20/09/08	70161	14:07:57 - 14:21:12	gap at HO
20/09/08	70161	13:59:09 - 14:11:53	gap at MM
20/09/08	70162	14:32:41 - 14:45:52	gap at BE
20/09/08	70162	15:05:55 - 15:17:36	gap at MI
20/09/08	70162	16:02:02 - 16:15:05	gap at SG
20/09/08	70162	15:10:31 - 15:17:36	gap at CM
20/09/08	70163	16:44:54 - 16:57:08	gap at MI
20/09/08	70164	19:18:19 - 19:28:33	gap at JO
20/09/08	70165	20:55:35 - 21:10:34	gap at JO
20/09/08	70166	22:09:58 - 22:20:56	gap at HO
20/09/08	70167	23:46:41 - 00:01:06	gap at HO
20/09/08	70167	23:57:20 - 00:08:52	gap at MM
20/09/08	70158	08:10:55 - 08:12:00	gap at KS
20/09/08	70159	09:50:32 - 09:51:39	gap at KS

20/09/08	70160	11:30:04 - 11:31:16	gap at KS
20/09/08	70161	13:09:14 - 13:10:19	gap at KS
20/09/08	70162	14:47:54 - 14:49:05	gap at KS
20/09/08	70163	16:25:34 - 16:26:45	gap at KS
20/09/08	70164	18:03:21 - 18:04:47	gap at KS
20/09/08	70160	11:43:00 - 11:44:13	gap at MS
20/09/08	70161	13:24:37 - 13:25:41	gap at MS
20/09/08	70163	17:17:52 - 17:18:52	gap at MM
20/09/08	70157	06:58:14 - 06:59:37	gap at JO
20/09/08	70158	08:35:37 - 08:39:28	gap at JO
20/09/08	70166	22:37:32 - 22:39:06	gap at JO
21/09/08	70167	23:46:41 - 00:01:06	gap at HO
21/09/08	70168	01:27:36 - 01:39:37	gap at HO
21/09/08	70169	02:15:51 - 02:25:58	gap at MI
21/09/08	70169	02:56:04 - 03:09:18	gap at SG
21/09/08	70169	03:52:10 - 04:04:29	gap at CM
21/09/08	70170	03:53:18 - 04:06:21	gap at MI
21/09/08	70170	04:36:30 - 04:47:01	gap at SG
21/09/08	70171	06:00:56 - 06:06:04	gap at KS
21/09/08	70171	05:35:14 - 05:40:19	gap at CM
21/09/08	70172	08:04:21 - 08:19:19	gap at JO
21/09/08	70174	11:57:24 - 12:10:38	gap at HO
21/09/08	70174	11:48:01 - 12:00:19	gap at MM
21/09/08	70175	13:36:22 - 13:50:57	gap at HO
21/09/08	70175	13:27:50 - 13:40:33	gap at MM
21/09/08	70176	14:01:18 - 14:14:42	gap at BE
21/09/08	70176	15:17:38 - 15:25:29	gap at HO
21/09/08	70176	14:36:13 - 14:44:29	gap at MI
21/09/08	70177	15:43:23 - 15:52:33	gap at BE
21/09/08	70177	16:13:18 - 16:26:35	gap at MI
21/09/08	70177	16:16:07 - 16:28:28	gap at CM
21/09/08	70178	17:57:47 - 17:58:53	gap at MI
21/09/08	70178	17:58:21 - 18:03:46	gap at CM
21/09/08	70179	20:24:28 - 20:39:17	gap at JO
21/09/08	70181	23:15:43 - 23:29:47	gap at HO
21/09/08	70173	09:19:13 - 09:20:19	gap at KS
21/09/08	70174	10:58:49 - 10:59:57	gap at KS
21/09/08	70175	12:38:07 - 12:39:14	gap at KS
21/09/08	70176	14:16:58 - 14:18:09	gap at KS
21/09/08	70177	15:54:48 - 15:55:56	gap at KS
21/09/08	70178	17:32:42 - 17:33:54	gap at KS
21/09/08	70168	00:34:04 - 00:35:13	gap at MS
21/09/08	70174	11:11:53 - 11:13:03	gap at MS
21/09/08	70175	12:51:59 - 12:53:01	gap at MS
21/09/08	70178	18:25:50 - 18:26:57	gap at MM
21/09/08	70180	21:44:52 - 21:46:10	gap at MM
21/09/08	70169	02:44:42 - 02:45:57	gap at BE
21/09/08	70170	04:24:50 - 04:26:23	gap at BE

21/09/08	70176	15:30:28 - 15:31:41	gap at SG
21/09/08	70171	06:29:27 - 06:31:44	gap at JO
21/09/08	70173	09:46:18 - 09:48:34	gap at JO
21/09/08	70180	22:04:47 - 22:06:13	gap at JO
21/09/08	70180	22:06:22 - 22:16:43	gap at JO
22/09/08	70182	00:55:21 - 01:09:00	gap at HO
22/09/08	70182	00:19:08 - 00:22:13	gap at KS
22/09/08	70183	01:47:35 - 01:52:38	gap at MI
22/09/08	70184	03:21:56 - 03:35:17	gap at MI
22/09/08	70184	03:21:41 - 03:32:48	gap at CM
22/09/08	70184	05:01:21 - 05:11:32	gap at CM
22/09/08	70185	05:04:57 - 05:11:37	gap at MI
22/09/08	70188	11:26:47 - 11:38:07	gap at HO
22/09/08	70189	13:05:03 - 13:19:53	gap at HO
22/09/08	70190	14:45:30 - 14:55:43	gap at HO
22/09/08	70192	17:22:58 - 17:32:10	gap at MI
22/09/08	70193	18:54:29 - 19:07:58	gap at PS
22/09/08	70193	19:53:44 - 20:07:23	gap at JO
22/09/08	70195	22:45:17 - 22:58:18	gap at HO
22/09/08	70187	08:47:54 - 08:48:59	gap at KS
22/09/08	70188	10:27:32 - 10:28:39	gap at KS
22/09/08	70189	12:06:58 - 12:08:05	gap at KS
22/09/08	70190	13:45:54 - 13:47:04	gap at KS
22/09/08	70191	15:24:04 - 15:25:32	gap at KS
22/09/08	70192	17:01:47 - 17:02:58	gap at KS
22/09/08	70193	18:39:54 - 18:40:57	gap at KS
22/09/08	70188	10:41:22 - 10:42:31	gap at MS
22/09/08	70189	12:20:09 - 12:21:23	gap at MS
22/09/08	70196	23:29:13 - 23:30:30	gap at MS
22/09/08	70192	17:54:41 - 17:56:01	gap at MM
22/09/08	70183	02:13:45 - 02:15:01	gap at BE
22/09/08	70184	03:53:06 - 03:54:16	gap at BE
22/09/08	70191	15:10:30 - 15:11:47	gap at BE
22/09/08	70191	15:14:53 - 15:22:18	gap at BE
22/09/08	70191	16:40:25 - 16:41:56	gap at SG
22/09/08	70186	07:33:39 - 07:35:09	gap at JO
22/09/08	70187	09:13:23 - 09:14:46	gap at JO
22/09/08	70194	21:32:49 - 21:34:40	gap at JO
23/09/08	70196	00:23:24 - 00:38:02	gap at HO
23/09/08	70197	01:43:12 - 01:53:46	gap at BE
23/09/08	70197	02:07:51 - 02:13:39	gap at HO
23/09/08	70198	03:32:34 - 03:46:26	gap at SG
23/09/08	70207	19:23:40 - 19:34:38	gap at JO
23/09/08	70208	21:01:17 - 21:16:12	gap at JO
23/09/08	70209	22:15:19 - 22:26:43	gap at HO
23/09/08	70210	23:52:19 - 00:06:48	gap at HO
23/09/08	70200	06:37:19 - 06:43:39	gap at KS
23/09/08	70201	08:16:36 - 08:17:39	gap at KS

23/09/08	70201	08:21:12 - 08:29:13	gap at KS
23/09/08	70201 - 70206		Data gap due to ERS2 unavailability (see ERS-2 unavailability report 2008035)
23/09/08	70206	16:31:09 - 16:32:18	gap at KS
23/09/08	70207	18:08:58 - 18:10:16	gap at KS
23/09/08	70208	19:41:33 - 19:42:45	gap at MA
23/09/08	70209	21:20:18 - 21:21:29	gap at MA
23/09/08	70206	17:23:32 - 17:24:41	gap at MM
23/09/08	70198	03:21:37 - 03:22:50	gap at BE
23/09/08	70198	04:29:10 - 04:31:32	gap at CM
23/09/08	70206	16:53:07 - 16:54:38	gap at CM
23/09/08	70206	17:02:46 - 17:05:05	gap at CM
23/09/08	70200	07:03:36 - 07:06:52	gap at JO
23/09/08	70209	22:43:41 - 22:45:43	gap at JO
24/09/08	70210	23:52:19 - 00:06:48	gap at HO
24/09/08	70211	01:33:31 - 01:45:08	gap at HO
24/09/08	70212	02:50:22 - 03:03:44	gap at BE
24/09/08	70213	04:30:39 - 04:41:02	gap at BE
24/09/08	70214	06:06:28 - 06:12:13	gap at KS
24/09/08	70215	08:10:00 - 08:25:00	gap at JO
24/09/08	70217	12:03:02 - 12:16:30	gap at HO
24/09/08	70218	13:42:05 - 13:56:32	gap at HO
24/09/08	70219	14:06:58 - 14:20:23	gap at BE
24/09/08	70219	15:23:29 - 15:30:49	gap at HO
24/09/08	70219	15:36:10 - 15:49:59	gap at SG
24/09/08	70220	15:49:31 - 15:57:56	gap at BE
24/09/08	70222	20:10:47 - 20:23:30	gap at MM
24/09/08	70222	19:31:35 - 19:44:07	gap at PS
24/09/08	70222	20:30:06 - 20:45:01	gap at JO
24/09/08	70223	21:46:15 - 21:54:40	gap at HO
24/09/08	70223	21:12:03 - 21:19:06	gap at PS
24/09/08	70224	23:21:18 - 23:35:29	gap at HO
24/09/08	70216	09:24:55 - 09:25:59	gap at KS
24/09/08	70217	11:04:30 - 11:05:36	gap at KS
24/09/08	70218	12:43:47 - 12:44:53	gap at KS
24/09/08	70219	14:22:36 - 14:23:46	gap at KS
24/09/08	70220	16:00:23 - 16:01:30	gap at KS
24/09/08	70221	17:38:18 - 17:39:28	gap at KS
24/09/08	70217	11:17:31 - 11:18:44	gap at MS
24/09/08	70218	12:57:51 - 12:58:58	gap at MS
24/09/08	70213	03:59:05 - 04:00:45	gap at MI
24/09/08	70223	21:50:36 - 21:51:46	gap at MM
24/09/08	70212	03:01:37 - 03:02:48	gap at SG
24/09/08	70212	03:05:09 - 03:15:05	gap at SG
24/09/08	70213	04:50:11 - 04:52:19	gap at SG
24/09/08	70214	06:34:33 - 06:42:16	gap at JO
24/09/08	70216	09:52:27 - 09:54:13	gap at JO

24/09/08	70223	22:10:39 - 22:12:34	gap at JO
25/09/08	70225	01:01:10 - 01:14:35	gap at HO
25/09/08	70225	00:16:21 - 00:25:59	gap at WF
25/09/08	70230	08:59:30 - 09:07:51	gap at WF
25/09/08	70231	10:37:34 - 10:51:35	gap at WF
25/09/08	70231	10:41:16 - 10:52:54	gap at MA
25/09/08	70233	14:51:19 - 15:01:02	gap at HO
25/09/08	70233	13:56:56 - 14:07:33	gap at WF
25/09/08	70233	15:05:07 - 15:18:43	gap at SG
25/09/08	70236	18:44:46 - 18:48:51	gap at MA
25/09/08	70236	18:48:22 - 18:56:39	gap at WF
25/09/08	70236	19:59:17 - 20:13:14	gap at JO
25/09/08	70237	20:17:34 - 20:31:22	gap at MA
25/09/08	70237	20:23:44 - 20:36:39	gap at WF
25/09/08	70238	22:50:51 - 23:04:01	gap at HO
25/09/08	70238	21:58:48 - 22:09:54	gap at MA
25/09/08	70238	22:06:38 - 22:18:30	gap at KS
25/09/08	70239	23:43:23 - 23:55:19	gap at WF
25/09/08	70230	08:53:36 - 08:54:39	gap at KS
25/09/08	70231	10:33:13 - 10:34:20	gap at KS
25/09/08	70232	12:12:38 - 12:13:43	gap at KS
25/09/08	70233	13:51:32 - 13:52:42	gap at KS
25/09/08	70234	15:29:40 - 15:30:59	gap at KS
25/09/08	70235	17:07:22 - 17:08:31	gap at KS
25/09/08	70231	10:46:51 - 10:48:01	gap at MS
25/09/08	70232	12:25:52 - 12:27:06	gap at MS
25/09/08	70230	09:05:26 - 09:15:14	gap at MA
25/09/08	70227	03:27:35 - 03:30:19	gap at MI
25/09/08	70235	18:00:21 - 18:01:44	gap at MM
25/09/08	70226	02:19:21 - 02:20:37	gap at BE
25/09/08	70227	03:58:51 - 04:00:01	gap at BE
25/09/08	70234	15:16:24 - 15:17:52	gap at BE
25/09/08	70234	15:20:37 - 15:27:51	gap at BE
25/09/08	70233	15:05:07 - 15:06:08	gap at SG
25/09/08	70234	16:46:30 - 16:47:33	gap at SG
25/09/08	70229	07:39:11 - 07:40:40	gap at JO
25/09/08	70230	09:19:17 - 09:20:50	gap at JO
25/09/08	70237	21:38:36 - 21:40:20	gap at JO
26/09/08	70239	00:29:05 - 00:43:42	gap at HO
26/09/08	70240	01:48:43 - 01:59:44	gap at BE
26/09/08	70241	03:27:20 - 03:40:30	gap at BE
26/09/08	70241	03:38:16 - 03:52:04	gap at SG
26/09/08	70246	11:51:59 - 11:57:05	gap at MA
26/09/08	70247	14:19:29 - 14:32:10	gap at HO
26/09/08	70248	14:44:14 - 14:57:07	gap at BE
26/09/08	70248	15:21:00 - 15:29:54	gap at CM
26/09/08	70250	19:29:04 - 19:40:41	gap at JO
26/09/08	70251	19:47:03 - 19:59:41	gap at MA

26/09/08	70251	21:07:00 - 21:21:48	gap at JO
26/09/08	70252	22:20:43 - 22:32:30	gap at HO
26/09/08	70253	23:57:58 - 00:12:29	gap at HO
26/09/08	70244	08:22:18 - 08:23:21	gap at KS
26/09/08	70245	10:01:55 - 10:03:00	gap at KS
26/09/08	70246	11:41:26 - 11:42:35	gap at KS
26/09/08	70247	13:20:31 - 13:21:36	gap at KS
26/09/08	70248	14:59:05 - 15:00:17	gap at KS
26/09/08	70249	16:36:42 - 16:37:52	gap at KS
26/09/08	70250	18:14:35 - 18:15:54	gap at KS
26/09/08	70245	10:16:43 - 10:17:53	gap at MS
26/09/08	70246	11:54:16 - 11:55:29	gap at MS
26/09/08	70252	21:26:04 - 21:27:18	gap at MA
26/09/08	70249	17:29:12 - 17:30:27	gap at MM
26/09/08	70240	02:02:34 - 02:03:51	gap at SG
26/09/08	70247	14:34:46 - 14:36:51	gap at SG
26/09/08	70248	16:13:41 - 16:14:56	gap at SG
26/09/08	70243	07:09:01 - 07:11:32	gap at JO
26/09/08	70244	08:47:08 - 08:48:39	gap at JO
27/09/08	70253	23:57:58 - 00:12:29	gap at HO
27/09/08	70254	01:39:30 - 01:50:39	gap at HO
27/09/08	70255	02:56:02 - 03:09:26	gap at BE
27/09/08	70256	04:36:28 - 04:46:25	gap at BE
27/09/08	70257	06:39:43 - 06:49:24	gap at JO
27/09/08	70258	08:01:42 - 08:10:09	gap at MA
27/09/08	70260	11:19:35 - 11:28:08	gap at MA
27/09/08	70261	13:39:14 - 13:51:57	gap at MM
27/09/08	70262	14:12:39 - 14:26:04	gap at BE
27/09/08	70262	15:41:52 - 15:55:36	gap at SG
27/09/08	70263	15:55:42 - 16:03:16	gap at BE
27/09/08	70263	16:27:25 - 16:39:50	gap at CM
27/09/08	70265	20:16:28 - 20:29:12	gap at MM
27/09/08	70265	19:19:03 - 19:27:39	gap at MA
27/09/08	70265	20:35:44 - 20:50:43	gap at JO
27/09/08	70266	21:51:29 - 22:00:32	gap at HO
27/09/08	70267	23:26:55 - 23:41:11	gap at HO
27/09/08	70267	22:39:11 - 22:45:05	gap at MA
27/09/08	70258	07:51:01 - 07:52:02	gap at KS
27/09/08	70259	09:30:36 - 09:31:40	gap at KS
27/09/08	70260	11:10:11 - 11:11:18	gap at KS
27/09/08	70261	12:49:27 - 12:50:32	gap at KS
27/09/08	70262	14:28:14 - 14:29:22	gap at KS
27/09/08	70263	16:05:58 - 16:07:05	gap at KS
27/09/08	70264	17:43:53 - 17:45:03	gap at KS
27/09/08	70260	11:23:09 - 11:24:21	gap at MS
27/09/08	70261	13:03:45 - 13:04:58	gap at MS
27/09/08	70266	20:54:15 - 20:55:34	gap at MA
27/09/08	70255	02:35:20 - 02:37:42	gap at MI

27/09/08	70256	04:04:52 - 04:06:32	gap at MI
27/09/08	70266	21:56:19 - 21:57:21	gap at MM
27/09/08	70255	03:07:12 - 03:12:38	gap at SG
27/09/08	70255	03:14:20 - 03:20:50	gap at SG
27/09/08	70256	04:48:36 - 04:51:07	gap at SG
27/09/08	70256	04:55:34 - 04:57:32	gap at SG
27/09/08	70258	08:15:39 - 08:26:13	gap at JO
27/09/08	70266	22:16:33 - 22:18:13	gap at JO
28/09/08	70268	01:06:59 - 01:20:11	gap at HO
28/09/08	70269	02:24:58 - 02:37:52	gap at BE
28/09/08	70269	03:32:40 - 03:44:24	gap at CM
28/09/08	70270	04:04:36 - 04:16:33	gap at BE
28/09/08	70270	05:13:22 - 05:22:18	gap at CM
28/09/08	70272	07:44:45 - 07:59:20	gap at JO
28/09/08	70276	14:57:09 - 15:06:27	gap at HO
28/09/08	70277	15:56:31 - 16:08:20	gap at CM
28/09/08	70278	17:34:59 - 17:42:34	gap at MI
28/09/08	70278	17:36:57 - 17:45:51	gap at CM
28/09/08	70279	19:45:13 - 19:57:55	gap at MM
28/09/08	70279	18:50:20 - 18:54:34	gap at MA
28/09/08	70280	20:23:10 - 20:36:57	gap at MA
28/09/08	70281	22:56:27 - 23:09:45	gap at HO
28/09/08	70281	22:05:21 - 22:15:25	gap at MA
28/09/08	70273	08:59:17 - 09:00:22	gap at KS
28/09/08	70274	10:38:54 - 10:40:01	gap at KS
28/09/08	70275	12:18:18 - 12:19:24	gap at KS
28/09/08	70276	13:57:12 - 13:58:21	gap at KS
28/09/08	70277	15:35:15 - 15:36:30	gap at KS
28/09/08	70278	17:13:03 - 17:14:13	gap at KS
28/09/08	70274	10:52:20 - 10:53:30	gap at MS
28/09/08	70275	12:31:36 - 12:32:48	gap at MS
28/09/08	70273	09:07:51 - 09:09:11	gap at MA
28/09/08	70270	03:33:16 - 03:35:26	gap at MI
28/09/08	70278	18:06:01 - 18:07:25	gap at MM
28/09/08	70277	15:22:20 - 15:23:47	gap at BE
28/09/08	70277	15:26:21 - 15:33:23	gap at BE
28/09/08	70269	02:40:54 - 02:48:54	gap at SG
28/09/08	70270	04:15:48 - 04:16:48	gap at SG
28/09/08	70270	04:21:19 - 04:28:08	gap at SG
28/09/08	70276	15:10:43 - 15:11:52	gap at SG
28/09/08	70273	09:25:13 - 09:26:47	gap at JO
28/09/08	70280	21:44:23 - 21:46:01	gap at JO
29/09/08	70282	00:34:57 - 00:49:22	gap at HO
29/09/08	70283	01:54:15 - 02:05:40	gap at BE
29/09/08	70283	02:07:37 - 02:15:53	gap at SG
29/09/08	70284	03:33:02 - 03:46:05	gap at BE
29/09/08	70284	03:43:59 - 03:57:41	gap at SG
29/09/08	70284	03:02:46 - 03:12:16	gap at CM

29/09/08	70284	04:40:45 - 04:52:20	gap at CM
29/09/08	70290	14:25:15 - 14:37:34	gap at HO
29/09/08	70291	16:19:34 - 16:31:32	gap at SG
29/09/08	70292	17:34:52 - 17:47:23	gap at MM
29/09/08	70292	17:02:20 - 17:13:29	gap at MI
29/09/08	70293	19:34:30 - 19:46:40	gap at JO
29/09/08	70294	20:53:28 - 21:06:12	gap at MM
29/09/08	70294	21:12:43 - 21:27:24	gap at JO
29/09/08	70295	22:26:09 - 22:38:14	gap at HO
29/09/08	70295	22:33:37 - 22:46:00	gap at MM
29/09/08	70287	08:27:59 - 08:29:02	gap at KS
29/09/08	70288	10:07:37 - 10:08:41	gap at KS
29/09/08	70289	11:47:06 - 11:48:15	gap at KS
29/09/08	70290	13:26:10 - 13:27:14	gap at KS
29/09/08	70291	15:04:40 - 15:05:55	gap at KS
29/09/08	70292	16:42:16 - 16:43:24	gap at KS
29/09/08	70293	18:20:12 - 18:21:22	gap at KS
29/09/08	70288	10:22:09 - 10:23:20	gap at MS
29/09/08	70289	12:00:02 - 12:01:11	gap at MS
29/09/08	70295	21:31:52 - 21:32:54	gap at MA
29/09/08	70291	14:50:02 - 14:51:21	gap at BE
29/09/08	70291	14:54:36 - 15:02:44	gap at BE
29/09/08	70290	14:40:14 - 14:43:01	gap at SG
29/09/08	70286	07:14:27 - 07:15:58	gap at JO
29/09/08	70287	08:52:56 - 08:54:35	gap at JO
30/09/08	70296	00:03:36 - 00:18:10	gap at HO
30/09/08	70296	00:14:45 - 00:26:02	gap at MM
30/09/08	70297	01:45:47 - 01:56:09	gap at HO
30/09/08	70299	04:42:19 - 04:51:45	gap at BE
30/09/08	70300	06:44:57 - 06:55:21	gap at JO
30/09/08	70304	13:44:55 - 13:57:39	gap at MM
30/09/08	70305	14:45:34 - 14:56:23	gap at GS
30/09/08	70306	16:02:00 - 16:08:31	gap at BE
30/09/08	70307	18:42:50 - 18:55:26	gap at MM
30/09/08	70308	20:22:09 - 20:34:53	gap at MM
30/09/08	70308	20:41:24 - 20:56:25	gap at JO
30/09/08	70309	21:56:39 - 22:06:24	gap at HO
30/09/08	70309	22:02:03 - 22:14:36	gap at MM
30/09/08	70310	23:32:31 - 23:46:53	gap at HO
30/09/08	70301	07:56:42 - 07:57:43	gap at KS
30/09/08	70302	09:36:18 - 09:37:21	gap at KS
30/09/08	70303	11:15:52 - 11:16:58	gap at KS
30/09/08	70304	12:55:06 - 12:56:11	gap at KS
30/09/08	70305	14:33:51 - 14:35:01	gap at KS
30/09/08	70306	16:11:32 - 16:12:40	gap at KS
30/09/08	70307	17:49:27 - 17:50:42	gap at KS
30/09/08	70303	11:28:48 - 11:30:01	gap at MS
30/09/08	70304	13:09:38 - 13:10:45	gap at MS

30/09/08	70299	04:10:42 - 04:12:22	gap at MI
30/09/08	70298	03:01:42 - 03:02:53	gap at BE
30/09/08	70305	14:18:21 - 14:19:32	gap at BE
30/09/08	70305	14:22:04 - 14:31:44	gap at BE
30/09/08	70298	03:12:48 - 03:13:51	gap at SG
30/09/08	70298	03:23:25 - 03:26:33	gap at SG
30/09/08	70305	15:47:36 - 15:48:54	gap at SG
30/09/08	70298	02:34:54 - 02:37:40	gap at CM
30/09/08	70301	08:21:20 - 08:22:45	gap at JO
30/09/08	70302	10:05:02 - 10:07:01	gap at JO
30/09/08	70307	19:05:16 - 19:07:13	gap at JO
30/09/08	70309	22:22:29 - 22:24:13	gap at JO

Lamp Failures:

Date	Lamp Failure	remark
23/09/08	Lamp Failure (no. 247) Orbit 70206	Lamp Failures set during TST44, voltage at ca. 179 V (nominal would be 198 V) 16:42:14 - 16:42:26

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
15-16/09/08	before 13:35:45 of 16/09/08 (outside gs visibility) off 13:42:12 on	FPA 1: 251.2 FPA 2: 251.7 FPA 3: 251.4 FPA 4: 252.0
18/09/08	before 15:50:23 (outside gs visibility) off 16:00:26 on	FPA 1: 262.3 FPA 2: 262.8 FPA 3: 262.3 FPA 4: 262.9
23/09/08	before 16:32:19 (outside GS visibility) off 16:44:08 on	FPA 1: 262.2 FPA 2: 262.8 FPA 3: 262.3 FPA 4: 262.9

Timeline interruptions:

Date	Orbit No.	Duration	remark
01/09/08	69889	11:58:57 - 12:58:06	GOME in Nadir Static View (see ER2- UNA 2008/031) Timeline stopped /activated

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
05/09/08	69940 - 69949	~02:00 - ~17:30	Narrow Swath Timeline GMNNOT41 not executed on 04/09/08 due to GOME anomaly
14-15/09/08	70080 - 70088	~21:00 (14/09/08) - ~10:30 (15/09/08)	Narrow Swath Timeline GMNNOT41 executed
24-25/09/08	70222 - 70235	~ 19:00 (24/09/08) - ~17:30 (25/09/08)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
01/09/08 - 15/09/08			products with padded frames in channel 4 (Frame 20) (over a few orbits of a limited area over the North Pole)
17/09/08 - 30/09/08			GOME South Polar View Operations (not visible in the period 5-17 Sept due to missing data)
01/09/08	69891	16:36:54	Corrupted products at GS anomalous values for most parameters
02/09/08	69898	04:34:19	Corrupted products at SG anomalous values for most parameters
05/09/08	69939	00:56:14	Corrupted products at GS anomalous values for most parameters
05/09/08	69942	54:45:14	Corrupted products at GS anomalous values for most parameters
16/09/08	70104	Start: 13:40:21 Stop: 13:42:12	GOOD Lamp cal measurements, no instability
17/09/08	70112	03:53:43	Corrupted products at MM anomalous values for most parameters
17/09/08	70114	06:58:39	Corrupted products at JO anomalous values for most parameters
17/09/08	70122	19:37:14	Corrupted products at KS anomalous values for most parameters
18/09/08	70134	Start before 15:50:22 (outside gs visibility) Stop 15:50:47	Calibration lamp instabilities: some values at ca. 179 V (nominal would be 198 V)
18/09/08	70134	Start: 15:58:33 Stop: 16:00:26	GOOD Lamp cal measurements, no instability
23/09/08	70199	04:32:05	Corrupted products at MI anomalous values for most parameters

23/09/08	70206	Start: 16:32:29 Stop: 16:34:28	GOOD Lamp cal measurements, no instability
25/09/08	70230	09:04	Corrupted products at MA anomalous values for most parameters
28/09/08	70270	04:51:22	Corrupted products at MM anomalous values for most parameters