

# GOME Operations for July 2006

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

## GOME Operations during July 2006

Date	Operations	remark
01/07/06	.data available within visibility of groundstation	start of sun calibration: 18:24:57.063
02/07/06	data available within visibility of groundstation	start of sun calibration: 17:53:23.512
03/07/06	data available within visibility of groundstation	start of sun calibration: 17:21:49.962
04/07/06	data available within visibility of groundstation	start of sun calibration: 16:50:39.814
05/07/06	data available within visibility of groundstation	start of sun calibration: 19:39:49.463
06/07/06	data available within visibility of groundstation	start of sun calibration: 19:08:09.912
07/07/06	data available within visibility of groundstation	start of sun calibration: 18:36:36.359
08/07/06	.data available within visibility of groundstation	start of sun calibration: 18:05:02.796
09/07/06	data available within visibility of groundstation	start of sun calibration: 17:33:29.241
10/07/06	data available within visibility of groundstation	start of sun calibration: 17:01:49.688
11/07/06	data available within visibility of groundstation	start of sun calibration: 19:51:29.337
12/07/06	data available within visibility of groundstation	start of sun calibration: 19:19:55.782
13/07/06	data available within visibility of groundstation	start of sun calibration: 18:48:22.225
14/07/06	data available within visibility of groundstation	start of sun calibration: 18:16:46.851
15/07/06	.data available within visibility of groundstation	start of sun calibration: 17:45:13.292
16/07/06	data available within visibility of groundstation	start of sun calibration: 17:13:33.746
17/07/06	GOME Unpowered Start: 04:30:10 Stop: 11:32:28 data available within visibility of groundstation	start of sun calibration: 16:42:15.233
18/07/06	data available within visibility of groundstation	start of sun calibration: 19:31:38.699
19/07/06	data available within visibility of groundstation	start of sun calibration: 19:00:05.149
20/07/06	data available within visibility of groundstation	start of sun calibration: 18:28:31.591
21/07/06	data available within visibility of groundstation	start of sun calibration: 17:56:58.033
22/07/06	.data available within visibility of groundstation	start of sun calibration: 17:25:24.400

23/07/06	data available within visibility of groundstation	start of sun calibration: 16:53:50.930
24/07/06	data available within visibility of groundstation	start of sun calibration: 19:43:27.935
25/07/06	data available within visibility of groundstation	start of sun calibration: 19:11:54.381
26/07/06	data available within visibility of groundstation	start of sun calibration: 18:40:20.823
27/07/06	data available within visibility of groundstation	start of sun calibration: 18:08:53.269
28/07/06	quarterly calibration during Orbits 58928- 58930 Lamp Failures (no 185 – 188) data available within visibility of groundstation	start of sun calibration: 17:37:19.710
29/07/06	quarterly calibration during Orbits 58930 - 58933 Lamp Failures (no 189-191) .data available within visibility of groundstation.	start of sun calibration: 17:09:40.190
30/07/06	data available within visibility of groundstation	start of sun calibration: 19:55:25.823
31/07/06	data available within visibility of groundstation	start of sun calibration: 19:23:52.260

**Anomalies:**

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
01/07/06	58530	00:49:41 - 01:00:22	gap at MM
01/07/06	58531	01:57:01 - 02:08:38	gap at BE
01/07/06	58531	02:32:14 - 02:40:45	gap at MM
01/07/06	58532	03:35:54 - 03:48:53	gap at BE
01/07/06	58532	04:15:19 - 04:21:38	gap at MM
01/07/06	58534	07:38:49 - 07:46:45	gap at MM
01/07/06	58535	09:19:17 - 09:29:30	gap at MM
01/07/06	58536	10:59:27 - 11:11:16	gap at MM
01/07/06	58538	13:13:48 - 13:26:07	gap at BE
01/07/06	58539	14:52:56 - 15:05:33	gap at BE
01/07/06	58539	15:58:30 - 16:11:05	gap at MM
01/07/06	58543	22:36:30 - 22:48:51	gap at MM
01/07/06	58543	21:34:46 - 21:47:38	gap at MA
01/07/06	58530	00:04:12 - 00:05:49	gap at KS
02/07/06	58544	00:17:40 - 00:28:53	gap at MM
02/07/06	58545	01:26:52 - 01:35:37	gap at BE
02/07/06	58545	01:59:54 - 02:09:10	gap at MM
02/07/06	58546	03:04:32 - 03:17:57	gap at BE
02/07/06	58546	03:42:55 - 03:49:50	gap at MM
02/07/06	58547	04:45:15 - 04:54:25	gap at BE

02/07/06	58547	05:25:41 - 05:31:28	gap at MM
02/07/06	58548	07:07:09 - 07:14:21	gap at MM
02/07/06	58550	10:27:59 - 10:39:24	gap at MM
02/07/06	58551	11:28:24 - 11:36:24	gap at MA
02/07/06	58552	12:43:47 - 12:54:20	gap at BE
02/07/06	58553	14:21:13 - 14:34:34	gap at BE
02/07/06	58553	15:27:17 - 15:39:55	gap at MM
02/07/06	58554	16:05:11 - 16:11:05	gap at BE
02/07/06	58557	21:03:00 - 21:16:26	gap at MA
02/07/06	58558	23:45:45 - 23:57:25	gap at MM
02/07/06	58546	02:44:46 - 02:46:27	gap at MI
02/07/06	58547	04:22:00 - 04:25:52	gap at MI
02/07/06	58554	16:41:27 - 16:46:06	gap at MI
03/07/06	58559	01:27:40 - 01:37:37	gap at MM
03/07/06	58561	04:13:16 - 04:24:45	gap at BE
03/07/06	58562	06:35:23 - 06:41:56	gap at MM
03/07/06	58562	05:49:59 - 05:52:29	gap at KS
03/07/06	58563	08:16:11 - 08:25:00	gap at MM
03/07/06	58564	09:56:31 - 10:07:26	gap at MM
03/07/06	58566	12:14:32 - 12:22:05	gap at BE
03/07/06	58567	13:50:01 - 14:03:19	gap at BE
03/07/06	58567	14:56:02 - 15:08:43	gap at MM
03/07/06	58568	15:31:18 - 15:41:39	gap at BE
03/07/06	58568	16:35:22 - 16:47:54	gap at MM
03/07/06	58570	19:53:44 - 20:06:26	gap at MM
03/07/06	58571	20:31:36 - 20:45:19	gap at MA
03/07/06	58572	23:13:57 - 23:25:59	gap at MM
03/07/06	58561	03:41:49 - 03:43:16	gap at MI
03/07/06	58560	02:44:35 - 02:46:32	gap at BE
04/07/06	58573	00:55:31 - 01:06:06	gap at MM
04/07/06	58574	02:02:35 - 02:14:31	gap at BE
04/07/06	58575	03:41:38 - 03:54:27	gap at BE
04/07/06	58576	06:03:31 - 06:09:34	gap at MM
04/07/06	58577	07:44:35 - 07:52:39	gap at MM
04/07/06	58581	13:19:20 - 13:31:51	gap at BE
04/07/06	58581	14:24:46 - 14:37:29	gap at MM
04/07/06	58582	14:58:46 - 15:11:09	gap at BE
04/07/06	58585	21:02:01 - 21:14:44	gap at MM
04/07/06	58585	20:00:52 - 20:14:14	gap at MA
04/07/06	58586	22:42:15 - 22:54:34	gap at MM
04/07/06	58573	00:09:49 - 00:11:21	gap at KS
05/07/06	58587	00:23:28 - 00:34:37	gap at MM
05/07/06	58588	01:32:16 - 01:41:43	gap at BE
05/07/06	58590	04:51:07 - 04:59:43	gap at BE
05/07/06	58590	05:31:31 - 05:37:19	gap at MM
05/07/06	58591	07:12:55 - 07:20:14	gap at MM
05/07/06	58594	11:34:12 - 11:41:40	gap at MA
05/07/06	58595	12:49:11 - 13:00:08	gap at BE
05/07/06	58595	13:53:28 - 14:06:12	gap at MM

05/07/06	58596	14:26:56 - 14:40:13	gap at BE
05/07/06	58598	18:51:20 - 19:03:57	gap at MM
05/07/06	58599	20:30:41 - 20:43:25	gap at MM
05/07/06	58599	19:30:36 - 19:42:13	gap at MA
05/07/06	58600	22:10:39 - 22:23:10	gap at MM
05/07/06	58601	23:51:33 - 00:03:09	gap at MM
06/07/06	58601	23:51:33 - 00:03:09	gap at MM
06/07/06	58604	04:59:22 - 05:05:12	gap at MM
06/07/06	58604	03:47:33 - 04:00:44	gap at MI
06/07/06	58605	06:41:10 - 06:47:49	gap at MM
06/07/06	58605	05:55:25 - 05:59:51	gap at KS
06/07/06	58609	12:19:46 - 12:28:01	gap at BE
06/07/06	58611	15:37:19 - 15:47:07	gap at BE
06/07/06	58613	19:59:25 - 20:12:08	gap at MM
06/07/06	58613	19:03:23 - 19:08:50	gap at MA
06/07/06	58614	20:37:14 - 20:50:54	gap at MA
06/07/06	58615	23:19:43 - 23:31:42	gap at MM
06/07/06	58615	22:20:27 - 22:29:05	gap at MA
07/07/06	58617	02:08:10 - 02:20:23	gap at BE
07/07/06	58618	03:47:22 - 04:00:00	gap at BE
07/07/06	58618	04:27:05 - 04:33:14	gap at MM
07/07/06	58619	06:09:20 - 06:15:27	gap at MM
07/07/06	58622	11:10:52 - 11:22:50	gap at MM
07/07/06	58625	15:04:37 - 15:16:44	gap at BE
07/07/06	58625	15:36:31 - 15:49:38	gap at MI
07/07/06	58628	20:06:25 - 20:19:58	gap at MA
07/07/06	58629	22:48:00 - 23:00:16	gap at MM
07/07/06	58629	21:47:01 - 21:58:48	gap at MA
07/07/06	58616	00:15:25 - 00:16:50	gap at KS
08/07/06	58631	01:37:43 - 01:47:46	gap at BE
08/07/06	58632	03:54:42 - 04:01:23	gap at MM
08/07/06	58633	05:37:21 - 05:43:10	gap at MM
08/07/06	58635	08:20:07 - 08:31:15	gap at MA
08/07/06	58636	09:58:34 - 10:11:39	gap at MA
08/07/06	58637	11:40:00 - 11:46:53	gap at MA
08/07/06	58638	12:54:37 - 13:05:56	gap at BE
08/07/06	58639	14:32:41 - 14:45:52	gap at BE
08/07/06	58642	20:36:23 - 20:49:07	gap at MM
08/07/06	58642	19:36:04 - 19:48:01	gap at MA
08/07/06	58642	19:42:13 - 19:56:13	gap at KS
08/07/06	58643	22:16:23 - 22:28:52	gap at MM
08/07/06	58643	21:14:32 - 21:27:47	gap at MA
08/07/06	58632	03:15:55 - 03:21:23	gap at BE
09/07/06	58646	02:44:42 - 02:58:01	gap at BE
09/07/06	58646	03:22:17 - 03:29:39	gap at MM
09/07/06	58647	04:24:50 - 04:35:38	gap at BE
09/07/06	58647	05:05:13 - 05:11:01	gap at MM
09/07/06	58648	06:00:56 - 06:06:04	gap at KS
09/07/06	58650	09:27:21 - 09:40:56	gap at MA

09/07/06	58651	11:07:53 – 11:17:23	gap at MA
09/07/06	58652	12:25:03 – 12:33:54	gap at BE
09/07/06	58654	15:43:23 – 15:52:33	gap at BE
09/07/06	58656	20:05:06 – 20:17:49	gap at MM
09/07/06	58656	19:08:33 – 19:15:54	gap at MA
09/07/06	58657	20:42:54 – 20:56:36	gap at MA
09/07/06	58658	22:26:36 – 22:34:29	gap at MA
09/07/06	58647	04:01:27 – 04:06:21	gap at MI
10/07/06	58660	02:13:45 – 02:26:14	gap at BE
10/07/06	58660	02:49:53 – 02:57:59	gap at MM
10/07/06	58661	03:53:06 – 04:05:32	gap at BE
10/07/06	58661	04:32:58 – 04:39:02	gap at MM
10/07/06	58664	09:36:28 – 09:47:02	gap at MM
10/07/06	58665	11:16:35 – 11:28:37	gap at MM
10/07/06	58666	12:56:29 – 13:09:09	gap at MM
10/07/06	58666	12:06:58 – 12:20:11	gap at KS
10/07/06	58668	15:10:30 – 15:22:18	gap at BE
10/07/06	58669	17:54:41 – 18:07:14	gap at MM
10/07/06	58671	20:11:59 – 20:25:42	gap at MA
10/07/06	58659	00:21:00 – 00:22:13	gap at KS
10/07/06	58661	03:33:01 – 03:35:17	gap at MI
10/07/06	58669	17:29:25 – 17:32:10	gap at MI
11/07/06	58674	01:43:12 – 01:53:46	gap at BE
11/07/06	58674	02:17:31 – 02:26:23	gap at MM
11/07/06	58675	03:21:37 – 03:34:53	gap at BE
11/07/06	58675	04:00:36 – 04:07:10	gap at MM
11/07/06	58678	09:04:57 – 09:14:53	gap at MM
11/07/06	58679	10:45:09 – 10:56:48	gap at MM
11/07/06	58680	12:25:07 – 12:37:39	gap at MM
11/07/06	58680	11:45:54 – 11:52:02	gap at MA
11/07/06	58681	13:00:05 – 13:11:42	gap at BE
11/07/06	58682	14:38:27 – 14:51:30	gap at BE
11/07/06	58683	17:23:32 – 17:36:03	gap at MM
11/07/06	58684	19:02:40 – 19:15:18	gap at MM
11/07/06	58685	20:42:04 – 20:54:48	gap at MM
11/07/06	58685	19:41:33 – 19:53:48	gap at MA
11/07/06	58675	02:51:12 – 02:54:08	gap at MI
12/07/06	58688	01:13:37 – 01:20:03	gap at BE
12/07/06	58688	01:45:14 – 01:54:49	gap at MM
12/07/06	58689	03:28:11 – 03:35:25	gap at MM
12/07/06	58690	04:30:39 – 04:41:02	gap at BE
12/07/06	58691	06:06:28 – 06:12:13	gap at KS
12/07/06	58692	08:33:24 – 08:42:38	gap at MM
12/07/06	58692	07:55:59 – 08:01:45	gap at MA
12/07/06	58693	10:13:41 – 10:24:53	gap at MM
12/07/06	58694	11:53:43 – 12:06:04	gap at MM
12/07/06	58695	12:30:22 – 12:39:46	gap at BE
12/07/06	58697	15:49:31 – 15:57:56	gap at BE
12/07/06	58697	16:52:22 – 17:04:54	gap at MM

12/07/06	58698	18:31:30 – 18:44:05	gap at MM
12/07/06	58699	20:10:47 – 20:23:30	gap at MM
12/07/06	58699	19:13:16 – 19:21:17	gap at MA
12/07/06	58700	20:48:34 – 21:02:17	gap at MA
12/07/06	58701	22:32:49 – 22:39:50	gap at MA
12/07/06	58690	04:07:18 – 04:11:57	gap at MI
13/07/06	58702	01:13:02 – 01:23:17	gap at MM
13/07/06	58703	02:55:46 – 03:03:45	gap at MM
13/07/06	58704	03:58:51 – 04:11:03	gap at BE
13/07/06	58706	08:01:49 – 08:10:18	gap at MM
13/07/06	58707	09:42:12 – 09:52:52	gap at MM
13/07/06	58709	12:01:44 – 12:07:03	gap at BE
13/07/06	58710	14:41:50 – 14:54:32	gap at MM
13/07/06	58711	15:16:24 – 15:27:51	gap at BE
13/07/06	58711	16:21:11 – 16:33:45	gap at MM
13/07/06	58713	18:44:46 – 18:48:51	gap at MA
13/07/06	58715	21:58:48 – 22:09:54	gap at MA
13/07/06	58704	03:27:35 – 03:29:10	gap at MI
14/07/06	58716	00:40:56 – 00:51:47	gap at MM
14/07/06	58717	01:48:43 – 01:59:44	gap at BE
14/07/06	58717	02:23:24 – 02:32:08	gap at MM
14/07/06	58719	05:08:57 – 05:15:20	gap at BE
14/07/06	58720	07:30:12 – 07:37:55	gap at MM
14/07/06	58721	09:10:41 – 09:20:44	gap at MM
14/07/06	58722	10:50:52 – 11:02:36	gap at MM
14/07/06	58723	11:51:59 – 11:57:05	gap at MA
14/07/06	58724	13:05:33 – 13:17:29	gap at BE
14/07/06	58725	14:44:14 – 14:57:07	gap at BE
14/07/06	58725	15:49:59 – 16:02:35	gap at MM
14/07/06	58728	20:47:46 – 21:00:30	gap at MM
14/07/06	58729	22:27:52 – 22:40:17	gap at MM
14/07/06	58729	21:26:04 – 21:39:12	gap at MA
15/07/06	58731	01:51:06 – 02:00:33	gap at MM
15/07/06	58732	02:56:02 – 03:09:26	gap at BE
15/07/06	58733	04:36:28 – 04:46:25	gap at BE
15/07/06	58734	06:58:30 – 07:05:30	gap at MM
15/07/06	58735	08:39:09 – 08:48:30	gap at MM
15/07/06	58737	11:19:35 – 11:28:08	gap at MA
15/07/06	58738	12:35:42 – 12:45:36	gap at BE
15/07/06	58738	13:39:14 – 13:51:57	gap at MM
15/07/06	58739	14:12:39 – 14:26:04	gap at BE
15/07/06	58739	15:18:46 – 15:31:25	gap at MM
15/07/06	58740	15:55:42 – 16:03:16	gap at BE
15/07/06	58740	16:58:02 – 17:10:34	gap at MM
15/07/06	58744	22:39:11 – 22:45:05	gap at MA
15/07/06	58735	08:03:24 – 08:10:09	gap at MA
15/07/06	58732	02:26:35 – 02:29:00	gap at MI
15/07/06	58733	04:04:52 – 04:07:41	gap at MI

15/07/06			BE station do not acquire data starting from 01:30 of 15/07/2006
16/07/06	58745	01:18:53 - 01:29:01	gap at MM
16/07/06	58748	06:26:43 - 06:33:06	gap at MM
16/07/06	58749	08:07:34 - 08:16:11	gap at MM
16/07/06	58753	14:47:31 - 15:00:12	gap at MM
16/07/06	58754	16:26:52 - 16:39:25	gap at MM
16/07/06	58757	21:24:51 - 21:37:32	gap at MM
16/07/06	58757	20:23:10 - 20:36:57	gap at MA
16/07/06	58758	22:05:21 - 22:15:25	gap at MA
16/07/06	58759	23:57:17 - 00:03:03	gap at KS
16/07/06	58747	03:33:16 - 03:34:21	gap at MI
16/07/06	58746- 58754		Data do not acquired at BE station
17/07/06	58762 - 58763		GOME Unpowered (see ER-UNA-2006/023)
17/07/06	58759	00:46:46 - 00:57:31	gap at MM
17/07/06	58759	23:57:17 - 00:03:03	gap at KS
17/07/06	58762	05:15:01 - 05:20:24	gap at BE
17/07/06	58762	05:54:49 - 06:00:46	gap at MM
17/07/06	58767	13:11:03 - 13:23:14	gap at BE
17/07/06	58767	14:16:14 - 14:28:57	gap at MM
17/07/06	58768	14:50:02 - 15:02:44	gap at BE
17/07/06	58768	15:55:40 - 16:08:15	gap at MM
17/07/06	58771	20:53:28 - 21:06:12	gap at MM
17/07/06	58771	19:52:34 - 20:05:33	gap at MA
17/07/06	58772	22:33:37 - 22:46:00	gap at MM
17/07/06	58772	21:31:52 - 21:44:50	gap at MA
17/07/06	58764	08:27:59 - 08:35:57	gap at KS
17/07/06	58761	03:33:02 - 03:34:04	gap at BE
18/07/06	58773	00:14:45 - 00:26:02	gap at MM
18/07/06	58775	02:32:00 - 02:43:32	gap at MI
18/07/06	58776	05:22:46 - 05:28:32	gap at MM
18/07/06	58776	04:10:42 - 04:23:06	gap at MI
18/07/06	58782	14:52:15 - 15:02:44	gap at MI
18/07/06	58783	16:30:29 - 16:43:20	gap at MI
18/07/06	58785	20:22:09 - 20:34:53	gap at MM
18/07/06	58785	19:24:22 - 19:33:29	gap at MA
18/07/06	58786	22:02:03 - 22:14:36	gap at MM
18/07/06	58787	22:45:40 - 22:50:12	gap at MA
18-19/07/06	58774 - 58797		Data do not acquired at BE station
19/07/06	58789	02:02:41 - 02:11:05	gap at MI
19/07/06	58790	04:50:34 - 04:56:28	gap at MM
19/07/06	58790	03:38:58 - 03:52:17	gap at MI
19/07/06	58791	06:32:30 - 06:38:59	gap at MM
19/07/06	58797	16:32:32 - 16:45:04	gap at MM
19/07/06	58799	18:55:53 - 19:00:17	gap at MA
19/07/06	58800	21:30:34 - 21:43:14	gap at MM
19/07/06	58800	20:28:47 - 20:42:32	gap at MA
19/07/06	58801	22:11:22 - 22:20:55	gap at MA

20/07/06	58804	04:18:15 - 04:24:32	gap at MM
20/07/06	58810	13:16:34 - 13:28:59	gap at BE
20/07/06	58811	14:55:51 - 15:08:21	gap at BE
20/07/06	58813	19:19:41 - 19:32:20	gap at MM
20/07/06	58814	20:59:10 - 21:11:53	gap at MM
20/07/06	58815	21:37:41 - 21:50:26	gap at MA
20/07/06	58803	01:59:48 - 02:03:18	gap at BE
20/07/06	58804	03:38:46 - 03:44:57	gap at BE
21/07/06	58817	01:29:34 - 01:38:40	gap at BE
21/07/06	58818	03:45:52 - 03:52:43	gap at MM
21/07/06	58819	04:48:11 - 04:57:04	gap at BE
21/07/06	58823	12:10:51 - 12:23:18	gap at MM
21/07/06	58823	11:31:18 - 11:39:02	gap at MA
21/07/06	58824	12:46:29 - 12:57:14	gap at BE
21/07/06	58825	14:24:04 - 14:37:23	gap at BE
21/07/06	58827	18:48:30 - 19:01:07	gap at MM
21/07/06	58828	20:27:50 - 20:40:34	gap at MM
21/07/06	58829	21:05:56 - 21:19:16	gap at MA
22/07/06	58831	00:35:33 - 00:42:46	gap at GS
22/07/06	58832	03:13:27 - 03:21:01	gap at MM
22/07/06	58833	04:16:09 - 04:27:29	gap at BE
22/07/06	58834	05:52:41 - 05:56:43	gap at KS
22/07/06	58838	12:17:09 - 12:25:03	gap at BE
22/07/06	58839	13:52:50 - 14:06:10	gap at BE
22/07/06	58840	15:34:18 - 15:44:23	gap at BE
22/07/06	58840	16:38:12 - 16:50:44	gap at MM
22/07/06	58841	18:17:20 - 18:29:54	gap at MM
22/07/06	58843	20:34:25 - 20:48:06	gap at MA
23/07/06	58846	02:41:03 - 02:49:22	gap at MM
23/07/06	58850	09:27:52 - 09:38:16	gap at MM
23/07/06	58853	13:22:06 - 13:34:44	gap at BE
23/07/06	58854	15:01:41 - 15:13:56	gap at BE
23/07/06	58855	17:46:11 - 17:58:43	gap at MM
23/07/06	58857	20:03:38 - 20:17:06	gap at MA
23/07/06	58858	21:43:49 - 21:56:01	gap at MA
23/07/06	58845	00:12:38 - 00:14:06	gap at KS
23/07/06	58847	03:13:29 - 03:18:56	gap at MI
23/07/06	58855	17:22:09 - 17:24:13	gap at MI
23/07/06	58847	03:44:30 - 03:49:58	gap at BE
24/07/06	58860	01:35:00 - 01:44:45	gap at BE
24/07/06	58860	02:08:43 - 02:17:46	gap at MM
24/07/06	58861	03:13:04 - 03:26:26	gap at BE
24/07/06	58861	03:51:46 - 03:58:30	gap at MM
24/07/06	58864	08:56:21 - 09:06:06	gap at MM
24/07/06	58866	11:37:06 - 11:44:17	gap at MA
24/07/06	58867	12:51:54 - 13:03:02	gap at BE
24/07/06	58868	14:29:48 - 14:43:02	gap at BE
24/07/06	58870	18:54:10 - 19:06:47	gap at MM
24/07/06	58871	20:33:32 - 20:46:16	gap at MM



24/07/06	58871	19:33:20 – 19:45:07	gap at MA
24/07/06	58873	23:54:26 – 00:06:00	gap at MM
25/07/06	58876	04:21:57 – 04:32:55	gap at BE
25/07/06	58877	05:58:10 – 06:02:58	gap at KS
25/07/06	58879	10:05:06 – 10:16:10	gap at MM
25/07/06	58881	12:22:24 – 12:30:58	gap at BE
25/07/06	58883	15:40:21 – 15:49:50	gap at BE
25/07/06	58883	16:43:52 – 16:56:24	gap at MM
25/07/06	58884	18:23:00 – 18:35:35	gap at MM
25/07/06	58885	19:05:58 – 19:12:57	gap at MA
25/07/06	58887	23:22:37 – 23:34:33	gap at MM
25/07/06	58887	22:23:31 – 22:31:48	gap at MA
26/07/06	58888	01:04:16 – 01:14:42	gap at MM
26/07/06	58890	03:50:14 – 04:02:46	gap at BE
26/07/06	58895	12:53:38 – 13:06:17	gap at MM
26/07/06	58896	13:27:39 – 13:40:28	gap at BE
26/07/06	58896	14:33:18 – 14:46:00	gap at MM
26/07/06	58897	15:07:33 – 15:19:31	gap at BE
26/07/06	58897	16:12:41 – 16:25:15	gap at MM
26/07/06	58898	17:51:51 – 18:04:24	gap at MM
26/07/06	58899	19:31:02 – 19:43:42	gap at MM
26/07/06	58900	21:10:35 – 21:23:17	gap at MM
26/07/06	58901	22:50:53 – 23:03:08	gap at MM
26/07/06	58901	21:49:57 – 22:01:35	gap at MA
26/07/06	58888	00:18:14 – 00:19:32	gap at KS
26/07/06	58897	15:40:49 – 15:52:30	gap at MI
26/07/06	58898	17:21:32 – 17:29:32	gap at MI
27/07/06	58902	00:32:12 – 00:43:12	gap at MM
27/07/06	58903	01:40:28 – 01:50:46	gap at BE
27/07/06	58904	03:18:46 – 03:32:04	gap at BE
27/07/06	58905	04:59:59 – 05:07:35	gap at BE
27/07/06	58905	05:40:16 – 05:46:06	gap at MM
27/07/06	58906	07:21:33 – 07:29:05	gap at MM
27/07/06	58907	09:02:05 – 09:11:57	gap at MM
27/07/06	58908	10:42:17 – 10:53:54	gap at MM
27/07/06	58909	12:22:16 – 12:34:47	gap at MM
27/07/06	58909	11:42:55 – 11:49:28	gap at MA
27/07/06	58910	12:57:21 – 13:08:49	gap at BE
27/07/06	58910	14:02:00 – 14:14:44	gap at MM
27/07/06	58911	14:35:34 – 14:48:41	gap at BE
27/07/06	58911	15:41:29 – 15:54:05	gap at MM
27/07/06	58912	17:20:42 – 17:33:13	gap at MM
27/07/06	58913	18:59:50 – 19:12:28	gap at MM
27/07/06	58914	20:39:14 – 20:51:58	gap at MM
27/07/06	58915	22:19:16 – 22:31:43	gap at MM
27/07/06	58915	21:17:25 – 21:30:39	gap at MA
27/07/06	58904	02:48:26 – 02:54:07	gap at MI
27/07/06	58905	04:28:21 – 04:31:45	gap at MI
28/07/06	58916	00:00:14 – 00:11:43	gap at MM

28/07/06	58917	01:11:03 – 01:16:51	gap at BE
28/07/06	58917	01:42:18 – 01:51:57	gap at MM
28/07/06	58918	02:47:32 – 03:00:53	gap at BE
28/07/06	58918	03:25:14 – 03:32:32	gap at MM
28/07/06	58919	04:27:45 – 04:38:20	gap at BE
28/07/06	58919	05:08:09 – 05:13:56	gap at MM
28/07/06	58920	06:49:50 – 06:56:40	gap at MM
28/07/06	58920	06:03:42 – 06:09:09	gap at KS
28/07/06	58921	08:30:32 – 08:39:42	gap at MM
28/07/06	58921	07:52:55 – 07:59:48	gap at MA
28/07/06	58922	10:10:49 – 10:21:59	gap at MM
28/07/06	58924	12:27:42 – 12:36:50	gap at BE
28/07/06	58925	14:04:08 – 14:17:33	gap at BE
28/07/06	58925	15:10:15 – 15:22:54	gap at MM
28/07/06	58926	15:46:27 – 15:55:15	gap at BE
28/07/06	58926	16:49:32 – 17:02:04	gap at MM
28/07/06	58929	21:47:44 – 22:00:21	gap at MM
28/07/06	58929	20:45:44 – 20:59:26	gap at MA
28/07/06	58930	23:28:23 – 23:40:16	gap at MM
28/07/06	58930	22:29:42 – 22:37:10	gap at MA
28/07/06	58928	19:17:48 – 19:18:51	gap at MA
29/07/06	58932	02:16:33 – 02:29:09	gap at BE
29/07/06	58933	03:55:58 – 04:08:18	gap at BE
29/07/06	58934	06:18:01 – 06:24:16	gap at MM
29/07/06	58935	07:58:57 – 08:07:22	gap at MM
29/07/06	58936	08:59:58 – 09:12:24	gap at MA
29/07/06	58939	13:33:13 – 13:46:11	gap at BE
29/07/06	58939	14:38:59 – 14:51:41	gap at MM
29/07/06	58940	15:13:27 – 15:25:05	gap at BE
29/07/06	58940	16:18:21 – 16:30:55	gap at MM
29/07/06	58943	21:16:17 – 21:28:59	gap at MM
29/07/06	58943	20:14:47 – 20:28:33	gap at MA
29/07/06	58944	22:56:39 – 23:08:50	gap at MM
29/07/06	58931	00:23:49 – 00:24:51	gap at KS
29/07/06	58933	03:24:45 – 03:26:27	gap at MI
30/07/06	58946	01:45:57 - 01:56:45	gap at BE
30/07/06	58947	03:24:28 - 03:37:42	gap at BE
30/07/06	58948	05:05:57 - 05:12:46	gap at BE
30/07/06	58948	05:46:05 - 05:51:58	gap at MM
30/07/06	58949	07:27:19 - 07:34:58	gap at MM
30/07/06	58952	11:48:56 - 11:54:34	gap at MA
30/07/06	58953	13:02:49 - 13:14:36	gap at BE
30/07/06	58954	14:41:20 - 14:54:19	gap at BE
30/07/06	58954	15:47:09 - 15:59:45	gap at MM
30/07/06	58957	20:44:55 - 20:57:39	gap at MM
30/07/06	58957	19:44:18 - 19:56:44	gap at MA
30/07/06	58958	22:25:00 - 22:37:26	gap at MM
30/07/06	58958	21:23:11 - 21:36:21	gap at MA
31/07/06	58960	01:16:13 - 01:23:13	gap at BE

31/07/06	58961	02:53:12 - 03:06:35	gap at BE
31/07/06	58962	04:33:34 - 04:43:43	gap at BE
31/07/06	58962	05:14:00 - 05:19:47	gap at MM
31/07/06	58963	06:55:37 - 07:02:33	gap at MM
31/07/06	58964	07:59:07 - 08:07:05	gap at MA
31/07/06	58966	11:56:35 - 12:08:56	gap at MM
31/07/06	58967	12:33:02 - 12:42:41	gap at BE
31/07/06	58967	13:36:23 - 13:49:06	gap at MM
31/07/06	58968	14:09:49 - 14:23:14	gap at BE
31/07/06	58968	15:15:55 - 15:28:34	gap at MM
31/07/06	58969	15:52:36 - 16:00:37	gap at BE
31/07/06	58971	20:13:37 - 20:26:21	gap at MM
31/07/06	58972	21:53:27 - 22:06:03	gap at MM
31/07/06	58972	20:51:24 - 21:05:07	gap at MA
31/07/06	58973	23:34:10 - 23:45:59	gap at MM
31/07/06	58973	22:35:59 - 22:42:28	gap at MA
31/07/06	58961	02:23:53 - 02:29:04	gap at MI
31/07/06	58962	04:01:58 - 04:07:45	gap at MI

Lamp Failures:

Date	Reason	remark
28/07/06	Lamp Failure (no. 185 – 188) Orbit 58929 – 58930	Lamp Failures set during quarterly calibration sequences, voltage reached only a value of about 179 V
29/07/06	Lamp Failures (no.189- 191) Orbits 58931 - 58932	Lamp Failures set during quarterly calibration sequences, voltage reached only a value of about 180 V

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
17/07/06	08:35:57 off 10:07:30 on	FPA 1: 261.8 FPA 2: 261.8 FPA 3: 261.8 FPA 4: 261.8

timeline interruptions: (operations in nadir static view):

Date	Orbit No.	Duration	Remark
17/07/06	58764	08:35 - 10:07	GOME in Nadir Static View (see ER2-UNA 2006/023) due to GOME unpowered

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/06/06	58584 - 58599	~18:30 (04/07/06) – ~19:30 (05/07/06)	Narrow Swath Timeline GMNNOT41 executed

14-15/06/06	58728 - 58741	~20:00 (14/07/06) – ~17:30 (55/07/06)	Narrow Swath Timeline GMNNOT41 executed
24-25/07/06	58872 – 58885	~21:30 (24/07/06) - ~19:30 (25/07/06)	Narrow Swath Timeline GMNNOT41 executed

others:

Date	Orbit No.	Duration	remark
03/07/06	58571	20:53:55	Corrupted products at GS few parameters out of range
04/07/06	58583	16:15:44-16:17:36	Cooler off – CommError flag set
10/07/06	58668	15:55:53	Corrupted products at MI few parameters out of range
11/07/06	58676	04:42:59	Corrupted products at MI few parameters out of range
12/07/06	58688	00:48:01	Corrupted products at GS few parameters out of range
14/07/06	58718	03:00:58	Corrupted products at GS few parameters out of range
17/07/06	58769	17:13:54	Corrupted products at MI few parameters out of range
20/07/06	58804	03:12:33	Corrupted products at GS few parameters out of range
25/07/06	58879	09:23:31	Corrupted products at MA few parameters out of range
27/07/06	58914	19:39:02	Corrupted products at MA few parameters out of range
28/07/06	58928	19:20:12 – 19:20:30	calibration lamp sequence without lamp failure but calibration lamp instability, voltage dropped down suddenly at 19:20:35 to 178 V instead of nominal staying at 198 V)
28/07/06	58928	19:20:38 – 19:28:17	calibration lamp sequence without lamp failure and without lamp instability
28/07/06	58928	19:28:20 – 19:30:08	calibration lamp sequence without lamp failure and without lamp instability
28/07/06	58925 – 58926	14:19:41 -16:24:31	Gome in Nadir Static View
29/07/06	58931	00:21:58 - 00:22:25	calibration lamp sequence without lamp failure but calibration lamp instability, voltage dropped down suddenly at 00:22:23 to 178 V instead of nominal staying at 198 V)
29/07/06	58931	00:07:34 - 00:09:43	calibration lamp sequence without lamp failure but calibration lamp instability, voltage dropped down suddenly to 180 V instead of nominal staying at 198 V)
29/07/06	58931	00:09:43 - 00:09:46	calibration lamp sequence without lamp failure and without lamp instability
29/07/06	58932	03:29:26 - 03:30:56	calibration lamp sequence without lamp failure but calibration lamp instability, voltage dropped down suddenly to 182 V instead of nominal staying at 198 V)
30/07/06	58947	02:53:28	Corrupted products at MI few parameters out of range