

GOME Operations for October 2007

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

GOME Operations during October 2007

Date	Operations	remark
01/10/07	data available within visibility of groundstation	start of sun calibration: 15:48:51.634
02/10/07	data available within visibility of groundstation	start of sun calibration: 15:17:18.145
03/10/07	data available within visibility of groundstation	start of sun calibration: 14:45:50.644
04/10/07	data available within visibility of groundstation	start of sun calibration: 14:14:20.331
05/10/07	data available within visibility of groundstation	start of sun calibration: 13:42:52.735
06/10/07	data available within visibility of groundstation	start of sun calibration: 16:32:32.463
07/10/07	data available within visibility of groundstation	start of sun calibration: 16:01:04.979
08/10/07	data available within visibility of groundstation	start of sun calibration: 15:29:31.500
09/10/07	data available within visibility of groundstation	start of sun calibration: 14:58:04.012
10/10/07	data available within visibility of groundstation	start of sun calibration: 14:26:36.540
11/10/07	data available within visibility of groundstation	start of sun calibration: 13:55:03.052
12/10/07	data available within visibility of groundstation	start of sun calibration: 16:44:48.805
13/10/07	data available within visibility of groundstation	start of sun calibration: 16:13:15.331
14/10/07	data available within visibility of groundstation	start of sun calibration: 15:41:47.370
15/10/07	data available within visibility of groundstation	start of sun calibration: 15:10:19.904
16/10/07	data available within visibility of groundstation	start of sun calibration: 14:38:46.435
17/10/07	data available within visibility of groundstation	start of sun calibration: 14:07:18.950
18/10/07	data available within visibility of groundstation	start of sun calibration: 13:35:45.497
19/10/07	data available within visibility of groundstation	start of sun calibration: 13:04:18.025
20/10/07	data available within visibility of groundstation	start of sun calibration: 12:32:44.552
21/10/07	data available within visibility of groundstation	start of sun calibration: 12:01:17.089
22/10/07	data available within visibility of groundstation	start of sun calibration: 11:29:49.620
23/10/07	data available within visibility of groundstation	start of sun calibration: 10:58:16.157
24/10/07	data available within visibility of groundstation	start of sun calibration: 10:26:44.439

25/10/07	data available within visibility of groundstation	No solar calibration available due to missing data
26/10/07	data available within visibility of groundstation	start of sun calibration: 12:44:56.753
27/10/07	data available within visibility of groundstation	start of sun calibration: 12:13:29.307
28/10/07	quarterly calibration during Orbits 65466 – 65471 two orbits in Nadir Static View 65463, 65464 data available within visibility of groundstation	start of sun calibration: 11:41:55.864
29/10/07	GOME switch-off Start: 02:15:58 Stop: 09:30 Timeline TML 3 (CAT) Continued by error data available within visibility of groundstation	TST44: solar calibration mode with warm detectors (T~265.5) start of sun calibration: 11:10:23.911
30/10/07	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
31/10/07	data available within visibility of groundstation Polar View Timeline ended	start of sun calibration: 13:29:24

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
01/10/07	65072	01:15:43 - 01:28:32	gap at HO
01/10/07	65073	02:45:02 - 02:57:41	gap at SG
01/10/07	65074	04:24:37 - 04:36:18	gap at SG
01/10/07	65075	05:49:59 - 05:52:29	gap at KS
01/10/07	65076	08:16:11 - 08:25:00	gap at MM
01/10/07	65078	11:36:35 - 11:48:48	gap at MM
01/10/07	65080	15:05:55 - 15:14:40	gap at HO
01/10/07	65080	15:19:09 - 15:33:00	gap at SG
01/10/07	65081	15:31:18 - 15:41:39	gap at BE
01/10/07	65081	16:35:22 - 16:47:54	gap at MM
01/10/07	65083	19:53:44 - 20:06:26	gap at MM
01/10/07	65083	18:58:20 - 19:03:08	gap at MA
01/10/07	65085	23:04:43 - 23:18:21	gap at HO
01/10/07	65085	22:14:23 - 22:23:39	gap at MA
01/10/07	65077	09:16:23 - 09:23:25	gap at MA
01/10/07	65081	16:09:38 - 16:15:18	gap at MI
02/10/07	65086	00:06:32 - 00:11:21	gap at KS
02/10/07	65087	02:02:35 - 02:14:31	gap at BE
02/10/07	65087	02:15:24 - 02:25:04	gap at SG
02/10/07	65088	03:52:35 - 04:06:04	gap at SG

02/10/07	65091	09:25:01 - 09:35:21	gap at MM
02/10/07	65092	11:05:10 - 11:17:03	gap at MM
02/10/07	65094	14:24:46 - 14:37:29	gap at MM
02/10/07	65094	14:48:28 - 15:01:24	gap at SG
02/10/07	65097	19:22:31 - 19:35:11	gap at MM
02/10/07	65098	21:02:01 - 21:14:44	gap at MM
02/10/07	65099	21:40:35 - 21:53:13	gap at MA
02/10/07	65096	17:15:36 - 17:21:33	gap at MI
02/10/07	65088	03:52:44 - 03:54:27	gap at BE
02/10/07	65095	15:01:52 - 15:11:09	gap at BE
03/10/07	65101	01:55:11 - 02:04:13	gap at HO
03/10/07	65102	03:10:14 - 03:23:37	gap at BE
03/10/07	65102	03:48:49 - 03:55:37	gap at MM
03/10/07	65102	03:21:15 - 03:35:06	gap at SG
03/10/07	65103	04:51:07 - 04:59:43	gap at BE
03/10/07	65104	07:12:55 - 07:20:14	gap at MM
03/10/07	65107	11:34:12 - 11:41:40	gap at MA
03/10/07	65113	22:10:39 - 22:23:10	gap at MM
03/10/07	65114	23:41:02 - 23:55:25	gap at HO
03/10/07	65114	23:51:33 - 00:03:09	gap at MM
03/10/07	65109	14:29:35 - 14:40:13	gap at BE
04/10/07	65115	01:33:31 - 01:43:21	gap at MM
04/10/07	65116	02:39:03 - 02:52:17	gap at BE
04/10/07	65116	03:16:24 - 03:23:53	gap at MM
04/10/07	65118	06:41:10 - 06:47:49	gap at MM
04/10/07	65118	05:55:25 - 05:59:51	gap at KS
04/10/07	65119	08:21:56 - 08:30:53	gap at MM
04/10/07	65120	10:02:14 - 10:13:15	gap at MM
04/10/07	65120	09:21:42 - 09:35:13	gap at MA
04/10/07	65121	11:42:18 - 11:54:33	gap at MM
04/10/07	65121	11:01:59 - 11:11:59	gap at MA
04/10/07	65123	13:55:39 - 14:09:01	gap at BE
04/10/07	65123	15:11:46 - 15:20:07	gap at HO
04/10/07	65124	15:37:19 - 15:47:07	gap at BE
04/10/07	65126	19:59:25 - 20:12:08	gap at MM
04/10/07	65126	19:03:23 - 19:08:50	gap at MA
04/10/07	65127	21:39:09 - 21:51:47	gap at MM
04/10/07	65127	20:37:14 - 20:50:54	gap at MA
04/10/07	65128	23:10:12 - 23:24:04	gap at HO
04/10/07	65123	14:35:50 - 14:38:14	gap at MI
04/10/07	65124	16:12:56 - 16:20:57	gap at MI
04/10/07	65117	04:19:03 - 04:20:37	gap at BE
05/10/07	65129	00:49:31 - 01:03:24	gap at HO
05/10/07	65129	01:01:21 - 01:11:50	gap at MM
05/10/07	65129	00:12:47 - 00:16:50	gap at KS
05/10/07	65130	02:08:10 - 02:20:23	gap at BE
05/10/07	65131	03:47:22 - 04:00:00	gap at BE
05/10/07	65135	11:21:21 - 11:31:59	gap at HO

05/10/07	65136	12:59:23 - 13:14:12	gap at HO
05/10/07	65137	14:39:42 - 14:50:47	gap at HO
05/10/07	65140	19:28:11 - 19:40:52	gap at MM
05/10/07	65141	21:07:44 - 21:20:26	gap at MM
05/10/07	65142	22:39:46 - 22:52:34	gap at HO
06/10/07	65143	00:17:43 - 00:32:21	gap at HO
06/10/07	65144	02:01:23 - 02:09:30	gap at HO
06/10/07	65145	03:15:55 - 03:29:16	gap at BE
06/10/07	65145	03:54:42 - 04:01:23	gap at MM
06/10/07	65146	04:57:01 - 05:04:59	gap at BE
06/10/07	65150	12:28:22 - 12:42:52	gap at HO
06/10/07	65150	11:40:00 - 11:46:53	gap at MA
06/10/07	65151	14:07:57 - 14:21:12	gap at HO
06/10/07	65152	14:32:41 - 14:45:52	gap at BE
06/10/07	65154	18:57:00 - 19:09:38	gap at MM
06/10/07	65155	20:36:23 - 20:49:07	gap at MM
06/10/07	65155	19:36:04 - 19:48:01	gap at MA
06/10/07	65156	22:09:58 - 22:20:56	gap at HO
06/10/07	65153	16:52:52 - 16:57:08	gap at MI
07/10/07	65158	01:27:36 - 01:39:37	gap at HO
07/10/07	65159	02:44:42 - 02:58:01	gap at BE
07/10/07	65160	04:24:50 - 04:35:38	gap at BE
07/10/07	65160	05:05:13 - 05:11:01	gap at MM
07/10/07	65160	03:53:18 - 04:06:21	gap at MI
07/10/07	65161	06:00:56 - 06:06:04	gap at KS
07/10/07	65162	08:27:40 - 08:36:46	gap at MM
07/10/07	65163	10:07:58 - 10:19:04	gap at MM
07/10/07	65164	11:57:24 - 12:10:38	gap at HO
07/10/07	65164	11:48:01 - 12:00:19	gap at MM
07/10/07	65165	13:36:22 - 13:50:57	gap at HO
07/10/07	65166	14:01:18 - 14:14:42	gap at BE
07/10/07	65166	15:17:38 - 15:25:29	gap at HO
07/10/07	65167	15:43:23 - 15:52:33	gap at BE
07/10/07	65169	19:08:33 - 19:15:54	gap at MA
07/10/07	65170	20:42:54 - 20:56:36	gap at MA
07/10/07	65171	23:15:43 - 23:29:47	gap at HO
07/10/07	65171	22:26:36 - 22:34:29	gap at MA
08/10/07	65172	00:55:21 - 01:09:00	gap at HO
08/10/07	65172	00:19:08 - 00:22:13	gap at KS
08/10/07	65178	11:26:47 - 11:38:07	gap at HO
08/10/07	65179	13:05:03 - 13:19:53	gap at HO
08/10/07	65180	14:45:30 - 14:55:43	gap at HO
08/10/07	65181	15:10:30 - 15:22:18	gap at BE
08/10/07	65182	17:54:41 - 18:07:14	gap at MM
08/10/07	65183	19:33:52 - 19:46:33	gap at MM
08/10/07	65185	22:45:17 - 22:58:18	gap at HO
08/10/07	65185	21:52:54 - 22:04:22	gap at MA
08/10/07	65182	17:26:30 - 17:32:10	gap at MI

09/10/07	65186	00:23:24 - 00:38:02	gap at HO
09/10/07	65187	01:43:12 - 01:53:46	gap at BE
09/10/07	65187	02:07:51 - 02:13:39	gap at HO
09/10/07	65188	03:21:37 - 03:34:53	gap at BE
09/10/07	65188	03:32:34 - 03:46:26	gap at SG
09/10/07	65189	05:02:57 - 05:10:11	gap at BE
09/10/07	65192	10:45:09 - 10:56:48	gap at MM
09/10/07	65193	11:45:54 - 11:52:02	gap at MA
09/10/07	65194	13:00:05 - 13:11:42	gap at BE
09/10/07	65194	14:13:43 - 14:26:38	gap at HO
09/10/07	65194	14:29:21 - 14:40:54	gap at SG
09/10/07	65195	14:38:27 - 14:51:30	gap at BE
09/10/07	65195	16:07:51 - 16:20:36	gap at SG
09/10/07	65198	20:42:04 - 20:54:48	gap at MM
09/10/07	65198	19:41:33 - 19:53:48	gap at MA
09/10/07	65199	22:15:19 - 22:26:43	gap at HO
10/10/07	65201	01:33:31 - 01:45:08	gap at HO
10/10/07	65202	02:50:22 - 03:03:44	gap at BE
10/10/07	65202	03:01:37 - 03:15:05	gap at SG
10/10/07	65203	04:30:39 - 04:41:02	gap at BE
10/10/07	65204	06:06:28 - 06:12:13	gap at KS
10/10/07	65205	07:55:59 - 08:01:45	gap at MA
10/10/07	65208	13:42:05 - 13:56:32	gap at HO
10/10/07	65209	14:06:58 - 14:20:23	gap at BE
10/10/07	65209	15:23:29 - 15:30:49	gap at HO
10/10/07	65209	15:36:10 - 15:49:59	gap at SG
10/10/07	65210	15:49:31 - 15:57:56	gap at BE
10/10/07	65212	20:10:47 - 20:23:30	gap at MM
10/10/07	65212	19:13:16 - 19:21:17	gap at MA
10/10/07	65213	20:48:34 - 21:02:17	gap at MA
10/10/07	65214	23:21:18 - 23:35:29	gap at HO
10/10/07	65203	04:07:04 - 04:11:57	gap at MI
11/10/07	65215	01:01:10 - 01:14:35	gap at HO
11/10/07	65216	02:31:24 - 02:43:00	gap at SG
11/10/07	65217	03:58:51 - 04:11:03	gap at BE
11/10/07	65217	04:38:50 - 04:44:50	gap at MM
11/10/07	65217	03:27:35 - 03:40:58	gap at MI
11/10/07	65217	03:32:50 - 03:46:16	gap at GS
11/10/07	65218	06:20:55 - 06:27:13	gap at MM
11/10/07	65218	05:11:27 - 05:16:34	gap at MI
11/10/07	65218	05:15:33 - 05:29:16	gap at PS
11/10/07	65219	08:01:49 - 08:10:18	gap at MM
11/10/07	65219	06:58:44 - 07:07:22	gap at PS
11/10/07	65220	09:42:12 - 09:52:52	gap at MM
11/10/07	65220	09:02:46 - 09:15:14	gap at MA
11/10/07	65221	11:22:18 - 11:34:23	gap at MM
11/10/07	65221	10:41:16 - 10:52:54	gap at MA
11/10/07	65221	10:46:51 - 10:58:35	gap at MS

11/10/07	65222	13:02:11 - 13:14:52	gap at MM
11/10/07	65222	12:25:52 - 12:38:13	gap at MS
11/10/07	65223	14:51:19 - 15:01:02	gap at HO
11/10/07	65223	14:04:17 - 14:12:37	gap at GS
11/10/07	65223	15:05:07 - 15:18:43	gap at SG
11/10/07	65224	15:16:24 - 15:27:51	gap at BE
11/10/07	65224	16:21:11 - 16:33:45	gap at MM
11/10/07	65225	17:28:57 - 17:37:24	gap at MI
11/10/07	65226	19:39:32 - 19:52:14	gap at MM
11/10/07	65226	18:44:46 - 18:48:51	gap at MA
11/10/07	65226	19:00:11 - 19:13:34	gap at PS
11/10/07	65227	20:17:34 - 20:31:22	gap at MA
11/10/07	65228	21:58:48 - 22:09:54	gap at MA
11/10/07	65219	07:14:06 - 07:20:45	gap at KS
11/10/07	65216	02:19:21 - 02:22:15	gap at BE
12/10/07	65229	00:29:05 - 00:43:42	gap at HO
12/10/07	65230	01:48:43 - 01:59:44	gap at BE
12/10/07	65231	03:27:20 - 03:40:30	gap at BE
12/10/07	65231	04:06:29 - 04:12:57	gap at MM
12/10/07	65231	02:56:44 - 03:09:34	gap at MI
12/10/07	65232	04:37:18 - 04:47:49	gap at MI
12/10/07	65236	11:51:59 - 11:57:05	gap at MA
12/10/07	65237	14:34:46 - 14:46:48	gap at SG
12/10/07	65238	15:16:58 - 15:29:21	gap at MI
12/10/07	65239	16:56:30 - 17:08:04	gap at MI
12/10/07	65241	19:47:03 - 19:59:41	gap at MA
12/10/07	65242	22:20:43 - 22:32:30	gap at HO
12/10/07	65242	22:27:52 - 22:40:17	gap at MM
12/10/07	65235	10:17:31 - 10:25:34	gap at MS
12/10/07	65238	14:44:14 - 14:46:54	gap at BE
12/10/07	65238	14:47:28 - 14:57:07	gap at BE
13/10/07	65244	01:39:30 - 01:50:39	gap at HO
13/10/07	65245	02:56:02 - 03:09:26	gap at BE
13/10/07	65245	03:34:05 - 03:41:11	gap at MM
13/10/07	65245	02:26:35 - 02:37:42	gap at MI
13/10/07	65246	04:36:28 - 04:46:25	gap at BE
13/10/07	65246	05:16:55 - 05:22:42	gap at MM
13/10/07	65246	04:04:52 - 04:17:32	gap at MI
13/10/07	65247	06:58:30 - 07:05:30	gap at MM
13/10/07	65248	08:01:42 - 08:10:09	gap at MA
13/10/07	65250	11:19:35 - 11:28:08	gap at MA
13/10/07	65251	14:05:37 - 14:13:47	gap at SG
13/10/07	65252	14:12:39 - 14:26:04	gap at BE
13/10/07	65252	14:46:51 - 14:56:43	gap at MI
13/10/07	65252	15:41:52 - 15:55:36	gap at SG
13/10/07	65253	15:55:42 - 16:03:16	gap at BE
13/10/07	65253	16:24:45 - 16:37:46	gap at MI
13/10/07	65255	19:19:03 - 19:27:39	gap at MA

14/10/07	65258	01:18:53 - 01:29:01	gap at MM
14/10/07	65259	03:01:40 - 03:09:30	gap at MM
14/10/07	65259	01:57:32 - 02:05:02	gap at MI
14/10/07	65259	02:36:50 - 02:48:54	gap at SG
14/10/07	65260	04:04:36 - 04:16:33	gap at BE
14/10/07	65260	04:44:42 - 04:50:39	gap at MM
14/10/07	65260	03:33:16 - 03:46:38	gap at MI
14/10/07	65260	04:15:48 - 04:28:08	gap at SG
14/10/07	65261	06:26:43 - 06:33:06	gap at MM
14/10/07	65261	05:18:28 - 05:21:00	gap at MI
14/10/07	65262	08:07:34 - 08:16:11	gap at MM
14/10/07	65264	11:28:01 - 11:40:09	gap at MM
14/10/07	65265	13:07:53 - 13:20:34	gap at MM
14/10/07	65266	14:19:11 - 14:21:27	gap at MI
14/10/07	65266	15:10:43 - 15:24:27	gap at SG
14/10/07	65267	15:22:20 - 15:33:23	gap at BE
14/10/07	65267	15:53:25 - 16:06:47	gap at MI
14/10/07	65268	17:34:59 - 17:42:34	gap at MI
14/10/07	65269	18:50:20 - 18:54:34	gap at MA
14/10/07	65271	22:05:21 - 22:15:25	gap at MA
15/10/07	65272	00:34:57 - 00:49:22	gap at HO
15/10/07	65273	01:54:15 - 02:05:40	gap at BE
15/10/07	65273	02:07:37 - 02:15:53	gap at SG
15/10/07	65274	03:33:02 - 03:46:05	gap at BE
15/10/07	65274	03:02:18 - 03:15:18	gap at MI
15/10/07	65274	03:43:59 - 03:57:41	gap at SG
15/10/07	65275	04:43:19 - 04:53:13	gap at MI
15/10/07	65280	14:40:14 - 14:52:39	gap at SG
15/10/07	65281	15:22:32 - 15:35:10	gap at MI
15/10/07	65282	17:02:20 - 17:13:29	gap at MI
15/10/07	65284	19:52:34 - 20:05:33	gap at MA
15/10/07	65285	21:31:52 - 21:44:50	gap at MA
15/10/07	65281	14:53:19 - 15:02:44	gap at BE
16/10/07	65288	03:01:42 - 03:15:07	gap at BE
16/10/07	65288	03:39:58 - 03:46:57	gap at MM
16/10/07	65289	04:42:19 - 04:51:45	gap at BE
16/10/07	65290	06:17:38 - 06:24:18	gap at KS
16/10/07	65293	11:25:28 - 11:33:40	gap at MA
16/10/07	65295	14:18:21 - 14:31:44	gap at BE
16/10/07	65296	16:02:00 - 16:08:31	gap at BE
16/10/07	65298	20:22:09 - 20:34:53	gap at MM
16/10/07	65298	19:24:22 - 19:33:29	gap at MA
16/10/07	65299	21:56:39 - 22:06:24	gap at HO
16/10/07	65299	21:00:04 - 21:13:37	gap at MA
16/10/07	65300	23:32:31 - 23:46:53	gap at HO
16/10/07	65300	22:45:40 - 22:50:12	gap at MA
17/10/07	65301	01:12:47 - 01:25:45	gap at HO
17/10/07	65301	01:24:44 - 01:34:45	gap at MM

17/10/07	65305	08:13:19 - 08:22:04	gap at MM
17/10/07	65305	07:11:04 - 07:18:15	gap at PS
17/10/07	65305	07:25:27 - 07:36:21	gap at KS
17/10/07	65306	09:53:39 - 10:04:31	gap at MM
17/10/07	65306	09:04:59 - 09:18:32	gap at KS
17/10/07	65306	09:13:33 - 09:26:20	gap at MA
17/10/07	65307	11:43:23 - 11:56:01	gap at HO
17/10/07	65307	11:33:44 - 11:45:55	gap at MM
17/10/07	65307	10:52:48 - 11:03:51	gap at MA
17/10/07	65307	10:57:45 - 11:10:19	gap at MS
17/10/07	65308	13:22:07 - 13:36:56	gap at HO
17/10/07	65308	13:13:35 - 13:26:17	gap at MM
17/10/07	65308	12:37:22 - 12:49:12	gap at MS
17/10/07	65309	15:03:00 - 15:11:56	gap at HO
17/10/07	65309	14:23:33 - 14:28:32	gap at MI
17/10/07	65309	15:16:20 - 15:30:09	gap at SG
17/10/07	65310	15:28:18 - 15:38:54	gap at BE
17/10/07	65310	16:32:32 - 16:45:04	gap at MM
17/10/07	65310	16:58:57 - 17:05:41	gap at SG
17/10/07	65312	19:50:54 - 20:03:36	gap at MM
17/10/07	65312	18:55:53 - 19:00:17	gap at MA
17/10/07	65314	23:01:58 - 23:15:29	gap at HO
17/10/07	65310	16:06:55 - 16:12:28	gap at MI
18/10/07	65315	00:52:36 - 01:03:14	gap at MM
18/10/07	65315	00:03:26 - 00:08:35	gap at KS
18/10/07	65316	01:59:48 - 02:11:35	gap at BE
18/10/07	65319	07:41:42 - 07:49:42	gap at MM
18/10/07	65321	10:17:46 - 10:31:16	gap at WF
18/10/07	65322	11:57:06 - 12:11:24	gap at WF
18/10/07	65324	14:55:51 - 15:08:21	gap at BE
18/10/07	65325	17:40:31 - 17:53:03	gap at MM
18/10/07	65326	19:19:41 - 19:32:20	gap at MM
18/10/07	65327	20:04:27 - 20:16:40	gap at WF
18/10/07	65328	21:37:41 - 21:50:26	gap at MA
19/10/07	65330	01:52:05 - 02:01:33	gap at HO
19/10/07	65331	03:07:23 - 03:20:47	gap at BE
19/10/07	65332	04:48:11 - 04:57:04	gap at BE
19/10/07	65336	11:31:18 - 11:39:02	gap at MA
19/10/07	65338	14:24:04 - 14:37:23	gap at BE
19/10/07	65341	20:27:50 - 20:40:34	gap at MM
19/10/07	65341	19:27:53 - 19:39:19	gap at MA
19/10/07	65342	22:01:54 - 22:12:13	gap at HO
20/10/07	65344	00:35:33 - 00:42:46	gap at GS
20/10/07	65345	02:47:47 - 03:00:36	gap at SG
20/10/07	65347	05:52:41 - 05:56:43	gap at KS
20/10/07	65348	08:19:03 - 08:27:57	gap at MM
20/10/07	65352	15:21:58 - 15:35:51	gap at SG
20/10/07	65353	15:34:18 - 15:44:23	gap at BE

20/10/07	65353	16:38:12 - 16:50:44	gap at MM
20/10/07	65355	19:00:51 - 19:05:59	gap at MA
20/10/07	65357	23:07:28 - 23:21:12	gap at HO
20/10/07	65357	23:16:50 - 23:28:50	gap at MM
20/10/07	65357	22:17:25 - 22:26:22	gap at MA
20/10/07	65353	16:11:27 - 16:18:08	gap at MI
20/10/07	65354	17:47:38 - 17:52:32	gap at MI
21/10/07	65358	00:09:39 - 00:14:06	gap at KS
21/10/07	65359	02:18:02 - 02:28:05	gap at SG
21/10/07	65360	03:55:28 - 04:08:51	gap at SG
21/10/07	65364	11:08:01 - 11:19:57	gap at MM
21/10/07	65366	14:27:37 - 14:40:19	gap at MM
21/10/07	65367	15:01:41 - 15:13:56	gap at BE
21/10/07	65371	21:43:49 - 21:56:01	gap at MA
22/10/07	65375	04:54:04 - 05:02:21	gap at BE
22/10/07	65379	12:25:33 - 12:39:57	gap at HO
22/10/07	65379	11:37:06 - 11:44:17	gap at MA
22/10/07	65381	14:29:48 - 14:43:02	gap at BE
22/10/07	65384	20:33:32 - 20:46:16	gap at MM
22/10/07	65386	23:43:52 - 23:58:16	gap at HO
23/10/07	65388	02:41:53 - 02:55:09	gap at BE
23/10/07	65388	02:53:18 - 03:06:25	gap at SG
23/10/07	65389	04:21:57 - 04:32:55	gap at BE
23/10/07	65390	05:58:10 - 06:02:58	gap at KS
23/10/07	65395	13:58:29 - 14:11:52	gap at BE
23/10/07	65395	14:14:09 - 14:25:53	gap at KS
23/10/07	65396	15:40:21 - 15:49:50	gap at BE
23/10/07	65396	15:52:00 - 16:03:55	gap at KS
23/10/07	65397	17:29:55 - 17:42:43	gap at KS
23/10/07	65398	19:05:58 - 19:12:57	gap at MA
23/10/07	65398	19:08:09 - 19:22:04	gap at KS
23/10/07	65399	20:40:04 - 20:53:45	gap at MA
23/10/07	65399	20:48:06 - 21:01:41	gap at KS
23/10/07	65400	22:30:12 - 22:41:14	gap at KS
24/10/07	65401	00:52:26 - 01:06:12	gap at HO
24/10/07	65401	00:15:56 - 00:19:32	gap at KS
24/10/07	65402	02:10:57 - 02:23:19	gap at BE
24/10/07	65403	03:50:14 - 04:02:46	gap at BE
24/10/07	65405	07:53:12 - 08:01:29	gap at MM
24/10/07	65405	06:49:36 - 06:59:07	gap at PS
24/10/07	65406	09:33:36 - 09:44:06	gap at MM
24/10/07	65406	08:54:11 - 09:06:36	gap at MA
24/10/07	65407	11:24:03 - 11:35:02	gap at HO
24/10/07	65407	11:13:44 - 11:25:43	gap at MM
24/10/07	65407	10:32:42 - 10:44:39	gap at MA
24/10/07	65408	13:02:13 - 13:17:02	gap at HO
24/10/07	65408	12:53:38 - 13:06:17	gap at MM
24/10/07	65409	14:42:36 - 14:53:07	gap at HO

24/10/07	65409	14:33:18 - 14:46:00	gap at MM
24/10/07	65409	13:56:17 - 14:03:15	gap at GS
24/10/07	65410	15:07:33 - 15:19:31	gap at BE
24/10/07	65410	16:12:41 - 16:25:15	gap at MM
24/10/07	65410	15:33:22 - 15:47:08	gap at GS
24/10/07	65411	17:13:10 - 17:25:24	gap at GS
24/10/07	65412	18:51:38 - 19:05:10	gap at PS
24/10/07	65413	20:09:12 - 20:22:50	gap at MA
24/10/07	65413	20:31:44 - 20:41:32	gap at PS
24/10/07	65414	22:42:32 - 22:55:26	gap at HO
24/10/07	65414	21:49:57 - 22:01:35	gap at MA
24/10/07	65414	21:57:50 - 22:09:58	gap at KS
24/10/07	65415	23:42:00 - 23:49:04	gap at KS
24/10/07	65411	17:26:15 - 17:29:32	gap at MI
25/10/07	65415	00:20:34 - 00:35:12	gap at HO
25/10/07	65416	02:04:47 - 02:12:07	gap at HO
25/10/07	65417	03:18:46 - 03:32:04	gap at BE
25/10/07	65417	03:57:39 - 04:04:17	gap at MM
25/10/07	65417	02:48:26 - 03:00:56	gap at MI
25/10/07	65417	02:52:43 - 03:06:39	gap at GS
25/10/07	65418	05:40:16 - 05:46:06	gap at MM
25/10/07	65418	04:28:21 - 04:39:38	gap at MI
25/10/07	65418	04:34:45 - 04:44:51	gap at GS
25/10/07	65419	07:21:33 - 07:29:05	gap at MM
25/10/07	65420	09:02:05 - 09:11:57	gap at MM
25/10/07	65421	10:42:17 - 10:53:54	gap at MM
25/10/07	65422	12:31:11 - 12:45:47	gap at HO
25/10/07	65422	12:22:16 - 12:34:47	gap at MM
25/10/07	65422	11:42:55 - 11:49:28	gap at MA
25/10/07	65423	14:10:50 - 14:23:55	gap at HO
25/10/07	65423	14:02:00 - 14:14:44	gap at MM
25/10/07	65423	13:12:03 - 13:24:29	gap at KS
25/10/07	65424	14:35:34 - 14:48:41	gap at BE
25/10/07	65424	15:41:29 - 15:54:05	gap at MM
25/10/07	65425	16:41:39 - 16:54:59	gap at GS
25/10/07	65426	18:59:50 - 19:12:28	gap at MM
25/10/07	65426	18:22:50 - 18:29:51	gap at GS
25/10/07	65427	20:00:12 - 20:11:36	gap at PS
25/10/07	65420	08:22:51 - 08:29:08	gap at MA
25/10/07	65428	21:17:25 - 21:19:54	gap at MA
25/10/07	65424	15:16:54 - 15:20:33	gap at MI
25/10/07	65425	16:55:51 - 16:59:53	gap at MI
26/10/07	65430	00:46:03 - 00:54:31	gap at GS
26/10/07	65431	02:18:31 - 02:28:54	gap at MI
26/10/07	65431	02:22:54 - 02:35:20	gap at GS
26/10/07	65431	02:58:50 - 03:12:12	gap at SG
26/10/07	65432	04:27:45 - 04:38:20	gap at BE
26/10/07	65432	03:56:11 - 04:09:09	gap at MI

26/10/07	65432	04:02:00 - 04:14:21	gap at GS
26/10/07	65433	05:44:28 - 05:57:33	gap at PS
26/10/07	65433	06:03:42 - 06:09:09	gap at KS
26/10/07	65434	07:52:55 - 07:59:48	gap at MA
26/10/07	65438	14:04:08 - 14:17:33	gap at BE
26/10/07	65438	14:38:51 - 14:47:34	gap at MI
26/10/07	65438	14:31:40 - 14:42:40	gap at GS
26/10/07	65439	15:46:27 - 15:55:15	gap at BE
26/10/07	65439	16:49:32 - 17:02:04	gap at MM
26/10/07	65439	16:10:16 - 16:24:09	gap at GS
26/10/07	65440	17:50:41 - 18:00:43	gap at GS
26/10/07	65441	19:11:09 - 19:18:51	gap at MA
26/10/07	65441	19:28:44 - 19:41:21	gap at PS
26/10/07	65442	20:45:44 - 20:59:26	gap at MA
26/10/07	65442	21:09:09 - 21:16:26	gap at PS
26/10/07	65443	22:29:42 - 22:37:10	gap at MA
27/10/07	65444	00:22:22 - 00:24:51	gap at KS
27/10/07	65445	01:51:06 - 02:03:52	gap at GS
27/10/07	65446	03:29:57 - 03:43:27	gap at GS
27/10/07	65447	05:12:40 - 05:26:26	gap at PS
27/10/07	65448	06:55:41 - 07:04:38	gap at PS
27/10/07	65450	11:19:27 - 11:31:30	gap at MM
27/10/07	65452	14:01:36 - 14:09:31	gap at GS
27/10/07	65453	15:39:02 - 15:52:52	gap at GS
27/10/07	65454	17:18:55 - 17:30:53	gap at GS
27/10/07	65455	18:57:20 - 19:10:46	gap at PS
27/10/07	65456	20:14:47 - 20:28:33	gap at MA
27/10/07	65456	20:37:29 - 20:46:56	gap at PS
27/10/07	65457	22:56:39 - 23:08:50	gap at MM
27/10/07	65457	21:55:51 - 22:07:08	gap at MA
27/10/07	65453	15:16:28 - 15:25:05	gap at BE
28/10/07	65459	01:45:57 - 01:56:45	gap at BE
28/10/07	65459	01:20:57 - 01:32:14	gap at GS
28/10/07	65460	02:58:24 - 03:12:20	gap at GS
28/10/07	65461	04:40:49 - 04:50:20	gap at GS
28/10/07	65462	07:27:19 - 07:34:58	gap at MM
28/10/07	65462	06:22:39 - 06:34:06	gap at PS
28/10/07	65465	11:48:56 - 11:54:34	gap at MA
28/10/07	65467	14:41:20 - 14:54:19	gap at BE
28/10/07	65467	15:07:59 - 15:21:08	gap at GS
28/10/07	65468	16:47:22 - 17:00:33	gap at GS
28/10/07	65469	19:05:30 - 19:18:09	gap at MM
28/10/07	65470	19:44:18 - 19:56:44	gap at MA
28/10/07	65470	20:05:55 - 20:17:04	gap at PS
28/10/07	65471	22:18:01 - 22:29:37	gap at HO
28/10/07	65467	15:22:28 - 15:26:25	gap at MI
29/10/07	65473	01:36:27 - 01:47:54	gap at HO

29/10/07	65474 - 64477	02:53:12 - 08:07:06	data gap due to instrument switch-off (see unavailability report ER2-UNA2007/023)
29/10/07	65479	12:05:50 - 12:19:26	gap at HO
29/10/07	65479	11:56:35 - 12:08:56	gap at MM
29/10/07	65479	11:16:39 - 11:25:26	gap at MA
29/10/07	65481	14:09:49 - 14:23:14	gap at BE
29/10/07	65481	15:15:55 - 15:28:34	gap at MM
29/10/07	65482	15:52:36 - 16:00:37	gap at BE
29/10/07	65483	18:34:20 - 18:46:55	gap at MM
29/10/07	65484	19:16:24 - 19:24:43	gap at MA
29/10/07	65485	21:48:52 - 21:57:36	gap at HO
29/10/07	65485	20:51:24 - 21:05:07	gap at MA
29/10/07	65486	23:24:07 - 23:38:20	gap at HO
29/10/07	65486	22:35:59 - 22:42:28	gap at MA
29/10/07	65478	09:27:46 - 09:36:54	gap at KS
29/10/07	65478	09:35:51 - 09:36:54	gap at MA
29/10/07	65482	16:29:48 - 16:34:59	gap at MI
30/10/07	65487	01:04:05 - 01:17:23	gap at HO
30/10/07	65488	02:22:10 - 02:34:58	gap at BE
30/10/07	65489	04:01:44 - 04:13:48	gap at BE
30/10/07	65489	04:41:46 - 04:47:44	gap at MM
30/10/07	65490	06:23:49 - 06:30:09	gap at MM
30/10/07	65491	08:04:42 - 08:13:15	gap at MM
30/10/07	65492	09:45:04 - 09:55:47	gap at MM
30/10/07	65494	12:04:15 - 12:10:06	gap at BE
30/10/07	65495	13:38:48 - 13:51:54	gap at BE
30/10/07	65496	15:19:22 - 15:30:37	gap at BE
30/10/07	65496	16:49:34 - 16:58:07	gap at SG
30/10/07	65498	18:47:33 - 18:51:43	gap at MA
30/10/07	65499	21:22:00 - 21:34:41	gap at MM
31/10/07	65501	00:32:01 - 00:46:32	gap at HO
31/10/07	65501	00:43:51 - 00:54:39	gap at MM
31/10/07	65502	01:51:29 - 02:02:42	gap at BE
31/10/07	65503	03:30:11 - 03:43:18	gap at BE
31/10/07	65505	07:33:04 - 07:40:52	gap at MM
31/10/07	65507	10:53:43 - 11:05:29	gap at MM
31/10/07	65507	10:12:51 - 10:25:36	gap at MA
31/10/07	65508	12:42:26 - 12:57:09	gap at HO
31/10/07	65508	11:55:05 - 11:59:33	gap at MA
31/10/07	65509	14:13:23 - 14:26:07	gap at MM
31/10/07	65510	15:52:50 - 16:05:25	gap at MM
31/10/07	65512	19:11:10 - 19:23:49	gap at MM
31/10/07	65513	19:49:48 - 20:02:37	gap at MA
31/10/07	65514	22:23:26 - 22:35:22	gap at HO
31/10/07	65502	01:36:05 - 01:38:00	gap at GS
31/10/07	65510	15:27:59 - 15:32:16	gap at MI
31/10/07	65510	14:50:31 - 14:59:56	gap at BE

Lamp Failures

Date	Lamp Failure	remark
29/10/07	Lamp Failure (no 222) Orbit 65479	TST 44 Lamp Failure flag between 11:14:37 - 11:16:19 (voltage reached a value of ~180 V nominal would be ~200 V)
29/10/07	Lamp Failure (no. 223 – 231) Orbit 65480 – 65486	Lamp Failures occurred during TML 3 (CAT) calibration sequences, orbit 65480 start 12:53:33 start 13:36:33 orbit 65482 start 16:14:45 start 16:57:45 orbit 65483 stop 17:42:50 orbit 65484 start 19:35:58 start 20:18:59 orbit 65485 stop 21:04:03 orbit 65486 start 23:40:12
30/10/07	Lamp Failure (no. 232 – 237) Orbit 65487 – 65492	Lamp Failures occurred during TML 3 (CAT) calibration sequences, orbit 65487 00:09:40 - 00:21:38 (start/stop outside visibility gs) orbit 65488 start 02:43:24 orbit 65489 start 03:29:41 start 03:35:08 orbit 65491 stop 07:07:41 orbit 65492 start 09:00:50

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
29/07/07	02:15:58 off - 11:16:18 on	FPA 1: 275,4 FPA 2: 276,3 FPA 3: 276,1 FPA 4: 276,3

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	Date
04-05/10/07	65124– 65137	~15:30 (04/10/07) - ~13:00 (05/10/07)	Narrow Swath Timeline GMNNOT41 executed
14-15/10/07	65268– 65281	~17:00 (14/10/07) - ~15:00 (15/10/07)	Narrow Swath Timeline GMNNOT41 executed
24-25/10/07	65408 – 65423	~12:00 (24/10/07) - ~12:30 (25/10/07)	Narrow Swath Timeline GMNNOT41 executed

Others:

Date	Orbit No.	Duration	remark
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03/10/07	65102	02:39:47	Corrupted products at MI anomalous values for most parameters
06/10/07	65146	05:40:13	Corrupted products at MM anomalous values for most parameters
11/10/07	65223	14:03:31	Corrupted products at KS anomalous values for most parameters
14/10/07	65270	20:47:32	Corrupted products at GS anomalous values for most parameters
17/10/07	65304	05:27:03	Corrupted products at GS anomalous values for most parameters
19/10/07	65338	15:41:11	Corrupted products at HL anomalous values for most parameters
23/10/07	65388	03:24:19	Corrupted products at MM anomalous values for most parameters
25/10/07	65423	10:06:56	Corrupted products at MA anomalous values for most parameters
28/10/07	65466		Calibration lamp instabilities: lampcal mode start 13:24:47 stop after 13:34:47 (no visibility gs) voltage at ca. 180 V (nominal would be 198 V) lampcal mode start 14:07:48 stop after 14:17:46 (no visibility gs) some values at ca. 180 V (nominal would be 198 V) lampcal mode start 14:34:16 stop after 14:40:40 (no visibility gs) some values at ca. 180 V (nominal would be 198 V)
28/10/07	65467	start at 15:05:26 stop after 15:15:23 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/10/07	65467	start at 15:48:24 stop after 15:58:20 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/10/07	65468	start at 16:46:01 stop after 16:55:59 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/10/07	65468	start at 17:29:01 stop after 17:38:58 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/10/07	65469	start before 18:11:52 (no visibility gs) stop after 18:14:21 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/10/07	65470		Calibration lamp instabilities: lampcal mode start 19:50:23 stop after 19:54:59 (no visibility gs) voltage at ca. 181 V (nominal

			would be 198 V) lampcal mode start 20:50:14 stop after 20:51:00 (no visibility gs) some values at ca. 181 V (nominal would be 198 V)
28/10/07	65471	start before 21:23:10 (no visibility gs) - 21:35:34	GOOD Lamp cal measurements, no instability
29/10/07	65478	~09:30 - ~10:45	Idle Mode
29/10/07	65480-65486	~12:30 ~24:00	TML 3 (CAT) executed due to timeline upload error
29/10/07	65487-65493	~00:00 - ~12:00	TML 3 (CAT) executed due to timeline upload error
31/10/07	64712- 65514	~ 22:00 (05/09/07) – ~ 23:00 (31/10 /07)	GOME South Polar View operations ended on day 31/10 /2007; start of operations was on day 05/09/2007