

GOME Operations for January 2007

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

GOME Operations during January 2007

Date	Operations	remark
01/01/07	data available within visibility of groundstation	no solar calibration data available due to missing KS data
02/01/07	data available within visibility of groundstation	no solar calibration data available due to missing KS data
03/01/07	data available within visibility of groundstation	No complete solar measurements available due to missing KS data Solar calibration measurements are partially available in MA data segment between 11:11:50.221 - 11:14:06.732
04/01/07	data available within visibility of groundstation	no solar calibration data available due to missing KS data
05/01/07	data available within visibility of groundstation	start of sun calibration: 13:28:05.470
06/01/07	data available within visibility of groundstation	start of sun calibration: 12:56:26.019
07/01/07	data available within visibility of groundstation	start of sun calibration: 12:24:46.576
08/01/07	data available within visibility of groundstation	start of sun calibration: 11:53:07.128
09/01/07	data available within visibility of groundstation	start of sun calibration: 11:21:27.681
10/01/07	data available within visibility of groundstation	start of sun calibration: 10:49:48.237
11/01/07	data available within visibility of groundstation	start of sun calibration: 10:18:08.774
12/01/07	data available within visibility of groundstation	start of sun calibration: 13:07:36.535
13/01/07	data available within visibility of groundstation	start of sun calibration: 12:35:57.088
14/01/07	data available within visibility of groundstation	start of sun calibration: 12:04:17.977
15/01/07	data available within visibility of groundstation	start of sun calibration: 11:32:38.521
16/01/07	data available within visibility of groundstation	start of sun calibration: 11:00:59.065
17/01/07	data available within visibility of groundstation	start of sun calibration: 10:29:19.602
18/01/07	data available within visibility of groundstation	start of sun calibration: 13:18:47.360
19/01/07	data available within visibility of groundstation	start of sun calibration: 12:47:07
20/01/07	data available within visibility of groundstation	start of sun calibration: 12:15:28
21/01/07	data available within visibility of groundstation	start of sun calibration: 11:43:42
22/01/07	data available within visibility of groundstation	start of sun calibration: 11:12:03
23/01/07	data available within visibility of groundstation	start of sun calibration: 10:40:24.014

24/01/07	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
25/01/07	data available within visibility of groundstation	start of sun calibration: 12:58:11.228
26/01/07	data available within visibility of groundstation	start of sun calibration: 12:26:25.774
27/01/07	data available within visibility of groundstation	start of sun calibration: 11:54:46.285
28/01/07	quarterly calibration during Orbits 61558 - 61563 Lamp Failures (no 200 - 204) two Orbits in Nadir Static View 61555, 61556 data available within visibility of groundstation	start of sun calibration: 11:23:06.800
29/01/07	data available within visibility of groundstation	start of sun calibration: 10:47:09.319
30/01/07	data available within visibility of groundstation	start of sun calibration: 10:19:41.884
31/01/07	data available within visibility of groundstation	start of sun calibration: 13:09:09.624

Anomalies:

single event upsets (SEU):

Date	Reason
24/01/07	GOME anomalous behavior during orbits 61501, ~13:30 - 14:35 - 3xNack flag is set contiguously - scan mirror position is set to 261.8deg contiguously (no scanning) - increase of thermal environment related to scan mirror (scan mirror unit, scan motor, etc) this anomaly was cured with a time tag GMN11, switch off/on of GOME at 14:35:44, data starting with orbit 61502 are nominal again

list of datagaps:

Date	Orbit No.	duration	reason
01/01/07	61164	01:07:11 - 01:17:33	gap at MM
01/01/07	61164	00:19:08 - 00:22:13	gap at KS
01/01/07	61165	02:13:45 - 02:26:14	gap at BE
01/01/07	61166	03:53:06 - 04:05:32	gap at BE
01/01/07	61166	04:32:58 - 04:39:02	gap at MM
01/01/07	61167	06:15:08 - 06:21:20	gap at MM
01/01/07	61168	07:08:26 - 07:18:26	gap at KS
01/01/07	61169	08:47:54 - 09:01:11	gap at KS
01/01/07	61170	11:16:35 - 11:28:37	gap at MM
01/01/07	61170	10:27:32 - 10:41:31	gap at KS
01/01/07	61171	12:56:29 - 13:09:09	gap at MM
01/01/07	61171	12:06:58 - 12:20:11	gap at KS
01/01/07	61172	13:30:26 - 13:43:19	gap at BE

01/01/07	61172	13:45:54 - 13:57:58	gap at KS
01/01/07	61173	15:10:30 - 15:22:18	gap at BE
01/01/07	61173	15:24:04 - 15:35:50	gap at KS
01/01/07	61174	17:54:41 - 18:07:14	gap at MM
01/01/07	61174	17:01:47 - 17:14:25	gap at KS
01/01/07	61175	19:33:52 - 19:46:33	gap at MM
01/01/07	61175	18:39:54 - 18:53:39	gap at KS
01/01/07	61176	20:11:59 - 20:25:42	gap at MA
01/01/07	61176	20:19:21 - 20:33:13	gap at KS
01/01/07	61177	21:52:54 - 22:04:22	gap at MA
01/01/07	61177	22:00:46 - 22:12:49	gap at KS
01/01/07	61178	23:45:03 - 23:51:53	gap at KS
02/01/07	61179	01:43:12 - 01:53:46	gap at BE
02/01/07	61180	04:00:36 - 04:07:10	gap at MM
02/01/07	61181	05:02:57 - 05:10:11	gap at BE
02/01/07	61182	06:37:19 - 06:45:39	gap at KS
02/01/07	61183	08:16:36 - 08:29:13	gap at KS
02/01/07	61184	10:45:09 - 10:56:48	gap at MM
02/01/07	61184	09:56:14 - 10:10:11	gap at KS
02/01/07	61185	12:25:07 - 12:37:39	gap at MM
02/01/07	61185	11:35:45 - 11:49:19	gap at KS
02/01/07	61185	11:45:54 - 11:52:02	gap at MA
02/01/07	61186	13:00:05 - 13:11:42	gap at BE
02/01/07	61186	13:14:52 - 13:27:17	gap at KS
02/01/07	61187	14:38:27 - 14:51:30	gap at BE
02/01/07	61187	14:53:31 - 15:05:01	gap at KS
02/01/07	61188	17:23:32 - 17:36:03	gap at MM
02/01/07	61188	16:31:09 - 16:43:21	gap at KS
02/01/07	61189	19:02:40 - 19:15:18	gap at MM
02/01/07	61189	18:08:58 - 18:22:24	gap at KS
02/01/07	61190	19:41:33 - 19:53:48	gap at MA
02/01/07	61190	19:47:55 - 20:01:54	gap at KS
02/01/07	61191	22:22:08 - 22:34:35	gap at MM
02/01/07	61191	21:20:18 - 21:33:30	gap at MA
02/01/07	61191	21:28:38 - 21:41:32	gap at KS
02/01/07	61192	23:11:51 - 23:20:54	gap at KS
03/01/07	61192	00:03:08 - 00:14:35	gap at MM
03/01/07	61193	01:13:37 - 01:20:03	gap at BE
03/01/07	61194	03:28:11 - 03:35:25	gap at MM
03/01/07	61195	04:30:39 - 04:41:02	gap at BE
03/01/07	61196	06:06:28 - 06:12:13	gap at KS
03/01/07	61197	07:45:19 - 07:57:00	gap at KS
03/01/07	61197	07:55:59 - 08:01:45	gap at MA
03/01/07	61198	10:13:41 - 10:24:53	gap at MM
03/01/07	61198	09:24:55 - 09:38:41	gap at KS
03/01/07	61199	11:53:43 - 12:06:04	gap at MM
03/01/07	61199	11:04:30 - 11:18:19	gap at KS
03/01/07	61200	12:30:22 - 12:39:46	gap at BE
03/01/07	61200	12:43:47 - 12:56:34	gap at KS

03/01/07	61201	14:06:58 - 14:20:23	gap at BE
03/01/07	61201	14:22:36 - 14:34:16	gap at KS
03/01/07	61202	15:49:31 - 15:57:56	gap at BE
03/01/07	61202	16:52:22 - 17:04:54	gap at MM
03/01/07	61202	16:00:23 - 16:12:22	gap at KS
03/01/07	61203	18:31:30 - 18:44:05	gap at MM
03/01/07	61203	17:38:18 - 17:51:13	gap at KS
03/01/07	61204	20:10:47 - 20:23:30	gap at MM
03/01/07	61204	19:13:16 - 19:21:17	gap at MA
03/01/07	61204	19:16:39 - 19:30:36	gap at KS
03/01/07	61205	20:48:34 - 21:02:17	gap at MA
03/01/07	61205	20:56:45 - 21:10:13	gap at KS
03/01/07	61206	22:27:13 - 22:39:39	gap at MS
03/01/07	61206	22:32:49 - 22:39:50	gap at MA
03/01/07	61206	22:39:04 - 22:49:45	gap at KS
03/01/07	61195	04:07:11 - 04:11:57	gap at MI
03/01/07	61194	02:50:22 - 02:52:35	gap at BE
04/01/07	61207	00:25:42 - 00:27:23	gap at KS
04/01/07	61208	02:55:46 - 03:03:45	gap at MM
04/01/07	61209	03:58:51 - 04:11:03	gap at BE
04/01/07	61211	07:14:06 - 07:24:30	gap at KS
04/01/07	61212	09:42:12 - 09:52:52	gap at MM
04/01/07	61212	08:53:36 - 09:06:59	gap at KS
04/01/07	61213	11:22:18 - 11:34:23	gap at MM
04/01/07	61213	10:33:13 - 10:47:11	gap at KS
04/01/07	61213	10:41:16 - 10:52:54	gap at MA
04/01/07	61214	12:01:44 - 12:07:03	gap at BE
04/01/07	61214	12:12:38 - 12:25:48	gap at KS
04/01/07	61215	13:36:00 - 13:49:03	gap at BE
04/01/07	61215	13:51:32 - 14:03:33	gap at KS
04/01/07	61216	15:16:24 - 15:27:51	gap at BE
04/01/07	61216	16:21:11 - 16:33:45	gap at MM
04/01/07	61217	18:00:21 - 18:12:54	gap at MM
04/01/07	61218	19:39:32 - 19:52:14	gap at MM
04/01/07	61218	18:44:46 - 18:48:51	gap at MA
04/01/07	61219	20:17:34 - 20:31:22	gap at MA
04/01/07	61220	22:59:32 - 23:11:42	gap at MM
04/01/07	61220	21:58:48 - 22:09:54	gap at MA
05/01/07	61221	00:40:56 - 00:51:47	gap at MM
05/01/07	61222	01:48:43 - 01:59:44	gap at BE
05/01/07	61223	03:27:20 - 03:40:30	gap at BE
05/01/07	61223	04:06:29 - 04:12:57	gap at MM
05/01/07	61224	05:08:57 - 05:15:20	gap at BE
05/01/07	61226	09:10:41 - 09:20:44	gap at MM
05/01/07	61227	10:50:52 - 11:02:36	gap at MM
05/01/07	61228	11:51:59 - 11:57:05	gap at MA
05/01/07	61229	13:05:33 - 13:17:29	gap at BE
05/01/07	61230	14:44:14 - 14:57:07	gap at BE
05/01/07	61230	15:49:59 - 16:02:35	gap at MM

05/01/07	61231	17:29:12 - 17:41:43	gap at MM
05/01/07	61233	19:47:03 - 19:59:41	gap at MA
05/01/07	61234	21:26:04 - 21:39:12	gap at MA
06/01/07	61236	01:18:51 - 01:26:21	gap at BE
06/01/07	61238	04:36:28 - 04:46:25	gap at BE
06/01/07	61240	08:39:09 - 08:48:30	gap at MM
06/01/07	61241	10:19:24 - 10:30:42	gap at MM
06/01/07	61242	11:19:35 - 11:28:08	gap at MA
06/01/07	61243	12:35:42 - 12:45:36	gap at BE
06/01/07	61244	14:12:39 - 14:26:04	gap at BE
06/01/07	61244	15:18:46 - 15:31:25	gap at MM
06/01/07	61245	15:55:42 - 16:03:16	gap at BE
06/01/07	61245	16:58:02 - 17:10:34	gap at MM
06/01/07	61247	20:16:28 - 20:29:12	gap at MM
06/01/07	61247	19:19:03 - 19:27:39	gap at MA
06/01/07	61248	21:56:19 - 22:08:54	gap at MM
06/01/07	61248	20:54:15 - 21:07:57	gap at MA
06/01/07	61249	23:37:04 - 23:48:51	gap at MM
06/01/07	61249	22:39:11 - 22:45:05	gap at MA
07/01/07	61250	01:18:53 - 01:29:01	gap at MM
07/01/07	61251	03:01:40 - 03:09:30	gap at MM
07/01/07	61252	04:04:36 - 04:16:33	gap at BE
07/01/07	61252	04:44:42 - 04:50:39	gap at MM
07/01/07	61253	06:26:43 - 06:33:06	gap at MM
07/01/07	61254	08:07:34 - 08:16:11	gap at MM
07/01/07	61255	09:47:55 - 09:58:41	gap at MM
07/01/07	61256	11:28:01 - 11:40:09	gap at MM
07/01/07	61256	10:47:02 - 10:58:23	gap at MA
07/01/07	61257	12:06:48 - 12:13:07	gap at BE
07/01/07	61257	13:07:53 - 13:20:34	gap at MM
07/01/07	61258	13:41:36 - 13:54:46	gap at BE
07/01/07	61258	14:47:31 - 15:00:12	gap at MM
07/01/07	61259	15:22:20 - 15:33:23	gap at BE
07/01/07	61259	16:26:52 - 16:39:25	gap at MM
07/01/07	61260	18:06:01 - 18:18:34	gap at MM
07/01/07	61261	19:45:13 - 19:57:55	gap at MM
07/01/07	61261	18:50:20 - 18:54:34	gap at MA
07/01/07	61262	21:24:51 - 21:37:32	gap at MM
07/01/07	61262	20:23:10 - 20:36:57	gap at MA
07/01/07	61263	23:05:17 - 23:17:25	gap at MM
07/01/07	61263	22:05:21 - 22:15:25	gap at MA
08/01/07	61264	00:46:46 - 00:57:31	gap at MM
08/01/07	61265	02:29:17 - 02:37:52	gap at MM
08/01/07	61266	03:33:02 - 03:46:05	gap at BE
08/01/07	61266	04:12:22 - 04:18:44	gap at MM
08/01/07	61267	05:15:01 - 05:20:24	gap at BE
08/01/07	61267	05:54:49 - 06:00:46	gap at MM
08/01/07	61268	07:35:57 - 07:43:49	gap at MM
08/01/07	61269	09:16:25 - 09:26:35	gap at MM

08/01/07	61270	10:56:35 - 11:08:23	gap at MM
08/01/07	61271	12:36:32 - 12:49:07	gap at MM
08/01/07	61272	13:11:03 - 13:23:14	gap at BE
08/01/07	61272	14:16:14 - 14:28:57	gap at MM
08/01/07	61273	14:50:02 - 15:02:44	gap at BE
08/01/07	61273	15:55:40 - 16:08:15	gap at MM
08/01/07	61274	17:34:52 - 17:47:23	gap at MM
08/01/07	61275	19:14:01 - 19:26:40	gap at MM
08/01/07	61276	19:52:34 - 20:05:33	gap at MA
08/01/07	61277	22:33:37 - 22:46:00	gap at MM
08/01/07	61277	21:31:52 - 21:44:50	gap at MA
08/01/07	61266	03:09:48 - 03:15:18	gap at MI
08/01/07	61273	15:33:32 - 15:35:10	gap at MI
09/01/07	61278	00:14:45 - 00:26:02	gap at MM
09/01/07	61279	01:24:10 - 01:32:33	gap at BE
09/01/07	61281	04:42:19 - 04:51:45	gap at BE
09/01/07	61281	05:22:46 - 05:28:32	gap at MM
09/01/07	61282	07:04:16 - 07:11:24	gap at MM
09/01/07	61285	11:25:28 - 11:33:40	gap at MA
09/01/07	61286	12:41:05 - 12:51:26	gap at BE
09/01/07	61286	13:44:55 - 13:57:39	gap at MM
09/01/07	61287	14:18:21 - 14:31:44	gap at BE
09/01/07	61287	15:24:27 - 15:37:05	gap at MM
09/01/07	61288	16:02:00 - 16:08:31	gap at BE
09/01/07	61290	20:22:09 - 20:34:53	gap at MM
09/01/07	61290	19:24:22 - 19:33:29	gap at MA
09/01/07	61291	21:00:04 - 21:13:37	gap at MA
09/01/07	61292	23:42:51 - 23:54:34	gap at MM
09/01/07	61292	22:45:40 - 22:50:12	gap at MA
10/01/07	61294	02:30:36 - 02:43:38	gap at BE
10/01/07	61295	04:10:23 - 04:22:02	gap at BE
10/01/07	61295	04:50:34 - 04:56:28	gap at MM
10/01/07	61296	06:32:30 - 06:38:59	gap at MM
10/01/07	61300	12:11:56 - 12:19:07	gap at BE
10/01/07	61300	13:13:35 - 13:26:17	gap at MM
10/01/07	61301	13:47:13 - 14:00:28	gap at BE
10/01/07	61301	14:53:12 - 15:05:53	gap at MM
10/01/07	61302	15:28:18 - 15:38:54	gap at BE
10/01/07	61302	16:32:32 - 16:45:04	gap at MM
10/01/07	61303	18:11:41 - 18:24:14	gap at MM
10/01/07	61304	19:50:54 - 20:03:36	gap at MM
10/01/07	61304	18:55:53 - 19:00:17	gap at MA
10/01/07	61305	20:28:47 - 20:42:32	gap at MA
10/01/07	61306	23:11:04 - 23:23:07	gap at MM
10/01/07	61306	22:11:22 - 22:20:55	gap at MA
10/01/07	61307	23:46:33 - 23:59:20	gap at MS
11/01/07	61308	01:59:48 - 02:11:35	gap at BE
11/01/07	61309	03:38:46 - 03:51:40	gap at BE
11/01/07	61309	04:18:15 - 04:24:32	gap at MM

11/01/07	61310	06:00:37 - 06:06:38	gap at MM
11/01/07	61311	07:41:42 - 07:49:42	gap at MM
11/01/07	61312	08:33:40 - 08:46:41	gap at KS
11/01/07	61313	10:21:21 - 10:33:34	gap at MA
11/01/07	61314	12:42:14 - 12:54:50	gap at MM
11/01/07	61315	13:16:34 - 13:28:59	gap at BE
11/01/07	61315	14:21:55 - 14:34:38	gap at MM
11/01/07	61316	14:55:51 - 15:08:21	gap at BE
11/01/07	61317	17:08:12 - 17:18:52	gap at MI
11/01/07	61319	19:58:05 - 20:11:21	gap at MA
11/01/07	61320	22:39:22 - 22:51:42	gap at MM
11/01/07	61320	21:37:41 - 21:50:26	gap at MA
12/01/07	61322	01:29:34 - 01:38:40	gap at BE
12/01/07	61322	01:04:44 - 01:14:53	gap at GS
12/01/07	61323	03:07:23 - 03:20:47	gap at BE
12/01/07	61323	03:45:52 - 03:52:43	gap at MM
12/01/07	61324	04:48:11 - 04:57:04	gap at BE
12/01/07	61324	05:28:36 - 05:34:23	gap at MM
12/01/07	61325	07:10:02 - 07:17:17	gap at MM
12/01/07	61326	08:11:57 - 08:22:16	gap at MA
12/01/07	61327	09:42:00 - 09:55:54	gap at KS
12/01/07	61327	09:50:02 - 10:03:26	gap at MA
12/01/07	61328	12:10:51 - 12:23:18	gap at MM
12/01/07	61328	11:31:18 - 11:39:02	gap at MA
12/01/07	61329	12:46:29 - 12:57:14	gap at BE
12/01/07	61330	14:24:04 - 14:37:23	gap at BE
12/01/07	61333	20:27:50 - 20:40:34	gap at MM
12/01/07	61333	19:27:53 - 19:39:19	gap at MA
12/01/07	61334	22:07:47 - 22:20:19	gap at MM
12/01/07	61334	21:05:56 - 21:19:16	gap at MA
13/01/07	61336	00:35:33 - 00:42:46	gap at GS
13/01/07	61337	02:36:14 - 02:49:24	gap at BE
13/01/07	61338	04:16:09 - 04:27:29	gap at BE
13/01/07	61338	04:56:26 - 05:02:17	gap at MM
13/01/07	61339	06:38:17 - 06:44:53	gap at MM
13/01/07	61339	05:32:51 - 05:46:15	gap at PS
13/01/07	61339	05:52:41 - 05:56:43	gap at KS
13/01/07	61341	09:59:22 - 10:10:21	gap at MM
13/01/07	61341	09:10:41 - 09:24:18	gap at KS
13/01/07	61341	09:19:00 - 09:32:20	gap at MA
13/01/07	61342	11:39:27 - 11:51:41	gap at MM
13/01/07	61342	10:58:49 - 11:09:17	gap at MA
13/01/07	61343	12:17:09 - 12:25:03	gap at BE
13/01/07	61344	13:52:50 - 14:06:10	gap at BE
13/01/07	61345	15:34:18 - 15:44:23	gap at BE
13/01/07	61345	16:38:12 - 16:50:44	gap at MM
13/01/07	61347	19:00:51 - 19:05:59	gap at MA
13/01/07	61347	19:17:18 - 19:30:16	gap at PS
13/01/07	61348	21:36:17 - 21:48:56	gap at MM

13/01/07	61348	20:34:25 - 20:48:06	gap at MA
13/01/07	61348	20:57:37 - 21:05:46	gap at PS
13/01/07	61349	22:17:25 - 22:26:22	gap at MA
13/01/07	61338	03:52:13 - 03:57:55	gap at MI
14/01/07	61351	02:05:22 - 02:17:27	gap at BE
14/01/07	61352	03:44:30 - 03:57:14	gap at BE
14/01/07	61352	04:24:08 - 04:30:20	gap at MM
14/01/07	61353	05:00:27 - 05:08:03	anomalous long science dump at GS no data processing possible
14/01/07	61353	06:06:26 - 06:12:31	gap at MM
14/01/07	61356	11:08:01 - 11:19:57	gap at MM
14/01/07	61357	12:47:56 - 13:00:34	gap at MM
14/01/07	61358	13:22:06 - 13:34:44	gap at BE
14/01/07	61359	15:01:41 - 15:13:56	gap at BE
14/01/07	61362	20:03:38 - 20:17:06	gap at MA
14/01/07	61363	21:43:49 - 21:56:01	gap at MA
14/01/07	61350	00:12:28 - 00:14:06	gap at KS
15/01/07	61365	01:35:00 - 01:44:45	gap at BE
15/01/07	61365	02:08:43 - 02:17:46	gap at MM
15/01/07	61366	03:13:04 - 03:26:26	gap at BE
15/01/07	61366	03:51:46 - 03:58:30	gap at MM
15/01/07	61367	04:54:04 - 05:02:21	gap at BE
15/01/07	61370	10:36:34 - 10:48:06	gap at MM
15/01/07	61370	09:55:44 - 10:08:50	gap at MA
15/01/07	61371	12:16:33 - 12:29:03	gap at MM
15/01/07	61371	11:37:06 - 11:44:17	gap at MA
15/01/07	61372	12:51:54 - 13:03:02	gap at BE
15/01/07	61373	14:29:48 - 14:43:02	gap at BE
15/01/07	61374	17:15:02 - 17:27:33	gap at MM
15/01/07	61376	20:33:32 - 20:46:16	gap at MM
15/01/07	61376	19:33:20 - 19:45:07	gap at MA
15/01/07	61377	21:11:40 - 21:24:56	gap at MA
15/01/07	61377	22:18:19 - 22:26:01	gap at MM
16/01/07	61379	01:36:27 - 01:46:13	gap at MM
16/01/07	61380	02:41:53 - 02:55:09	gap at BE
16/01/07	61380	03:19:21 - 03:26:46	gap at MM
16/01/07	61381	04:21:57 - 04:32:55	gap at BE
16/01/07	61382	05:58:10 - 06:02:58	gap at KS
16/01/07	61384	10:05:06 - 10:16:10	gap at MM
16/01/07	61385	11:45:09 - 11:57:26	gap at MM
16/01/07	61386	12:22:24 - 12:30:58	gap at BE
16/01/07	61387	13:58:29 - 14:11:52	gap at BE
16/01/07	61388	15:40:21 - 15:49:50	gap at BE
16/01/07	61388	16:43:52 - 16:56:24	gap at MM
16/01/07	61390	19:05:58 - 19:12:57	gap at MA
16/01/07	61391	21:42:00 - 21:54:38	gap at MM
16/01/07	61391	20:40:04 - 20:53:45	gap at MA
16/01/07	61392	22:23:31 - 22:31:48	gap at MA
17/01/07	61393	01:04:16 - 01:14:42	gap at MM

17/01/07	61394	02:10:57 - 02:23:19	gap at BE
17/01/07	61394	02:46:56 - 02:55:07	gap at MM
17/01/07	61395	03:50:14 - 04:02:46	gap at BE
17/01/07	61398	09:33:36 - 09:44:06	gap at MM
17/01/07	61399	11:13:44 - 11:25:43	gap at MM
17/01/07	61401	13:27:39 - 13:40:28	gap at BE
17/01/07	61402	15:07:33 - 15:19:31	gap at BE
17/01/07	61402	16:12:41 - 16:25:15	gap at MM
17/01/07	61405	21:10:35 - 21:23:17	gap at MM
17/01/07	61405	20:09:12 - 20:22:50	gap at MA
17/01/07	61406	22:50:53 - 23:03:08	gap at MM
17/01/07	61406	21:49:57 - 22:01:35	gap at MA
17/01/07	61393	00:18:02 - 00:19:32	gap at KS
18/01/07	61407	00:32:12 - 00:43:12	gap at MM
18/01/07	61408	01:40:28 - 01:50:46	gap at BE
18/01/07	61408	02:14:35 - 02:23:31	gap at MM
18/01/07	61408	01:15:32 - 01:26:28	gap at GS
18/01/07	61409	03:18:46 - 03:32:04	gap at BE
18/01/07	61409	02:52:43 - 03:06:39	gap at GS
18/01/07	61410	04:59:59 - 05:07:35	gap at BE
18/01/07	61410	05:40:16 - 05:46:06	gap at MM
18/01/07	61411	07:21:33 - 07:29:05	gap at MM
18/01/07	61411	06:16:43 - 06:28:30	gap at PS
18/01/07	61412	09:02:05 - 09:11:57	gap at MM
18/01/07	61412	08:22:51 - 08:34:14	gap at MA
18/01/07	61413	10:42:17 - 10:53:54	gap at MM
18/01/07	61414	12:22:16 - 12:34:47	gap at MM
18/01/07	61414	11:42:55 - 11:49:28	gap at MA
18/01/07	61415	12:57:21 - 13:08:49	gap at BE
18/01/07	61415	14:02:00 - 14:14:44	gap at MM
18/01/07	61416	14:35:34 - 14:48:41	gap at BE
18/01/07	61416	15:41:29 - 15:54:05	gap at MM
18/01/07	61417	17:20:42 - 17:33:13	gap at MM
18/01/07	61418	18:59:50 - 19:12:28	gap at MM
18/01/07	61419	20:39:14 - 20:51:58	gap at MM
18/01/07	61419	19:38:48 - 19:50:55	gap at MA
18/01/07	61420	22:19:16 - 22:31:43	gap at MM
18/01/07	61420	21:17:25 - 21:30:39	gap at MA
18/01/07	61421	22:55:06 - 23:08:27	gap at MS
18/01/07	61421	23:08:51 - 23:18:04	gap at KS
19/01/07	61421	00:00:14 - 00:11:43	gap at MM
19/01/07	61422	01:11:03 - 01:16:51	gap at BE
19/01/07	61422	01:42:18 - 01:51:57	gap at MM
19/01/07	61422	00:37:08 - 00:46:10	gap at MS
19/01/07	61422	00:46:03 - 00:54:31	gap at GS
19/01/07	61423	02:47:32 - 03:00:53	gap at BE
19/01/07	61423	03:25:14 - 03:32:32	gap at MM
19/01/07	61424	04:27:45 - 04:38:20	gap at BE
19/01/07	61424	05:08:09 - 05:13:56	gap at MM

19/01/07	61424	03:56:11 - 04:09:09	gap at MI
19/01/07	61425	06:49:50 - 06:56:40	gap at MM
19/01/07	61425	06:03:42 - 06:09:09	gap at KS
19/01/07	61426	08:30:32 - 08:39:42	gap at MM
19/01/07	61427	10:10:49 - 10:21:59	gap at MM
19/01/07	61428	11:50:52 - 12:03:11	gap at MM
19/01/07	61429	12:27:42 - 12:36:50	gap at BE
19/01/07	61429	13:30:41 - 13:43:24	gap at MM
19/01/07	61430	14:04:08 - 14:17:33	gap at BE
19/01/07	61430	15:10:15 - 15:22:54	gap at MM
19/01/07	61431	15:46:27 - 15:55:15	gap at BE
19/01/07	61431	16:49:32 - 17:02:04	gap at MM
19/01/07	61433	19:11:09 - 19:18:51	gap at MA
19/01/07	61434	20:45:44 - 20:59:26	gap at MA
19/01/07	61435	23:28:23 - 23:40:16	gap at MM
19/01/07	61435	22:29:42 - 22:37:10	gap at MA
19/01/07	61426	07:54:22 - 07:59:48	gap at MA
20/01/07	61436	01:10:07 - 01:20:25	gap at MM
20/01/07	61437	02:16:33 - 02:29:09	gap at BE
20/01/07	61438	03:55:58 - 04:08:18	gap at BE
20/01/07	61440	07:58:57 - 08:07:22	gap at MM
20/01/07	61441	09:39:20 - 09:49:57	gap at MM
20/01/07	61444	13:33:13 - 13:46:11	gap at BE
20/01/07	61444	14:38:59 - 14:51:41	gap at MM
20/01/07	61445	15:13:27 - 15:25:05	gap at BE
20/01/07	61445	16:18:21 - 16:30:55	gap at MM
20/01/07	61448	20:14:47 - 20:28:33	gap at MA
20/01/07	61449	22:56:39 - 23:08:50	gap at MM
20/01/07	61449	21:55:51 - 22:07:08	gap at MA
20/01/07	61436	00:23:36 - 00:24:51	gap at KS
21/01/07	61450	00:38:01 - 00:48:55	gap at MM
21/01/07	61451	01:45:57 - 01:56:45	gap at BE
21/01/07	61452	03:24:28 - 03:37:42	gap at BE
21/01/07	61453	05:05:57 - 05:12:46	gap at BE
21/01/07	61454	07:27:19 - 07:34:58	gap at MM
21/01/07	61455	09:07:49 - 09:17:48	gap at MM
21/01/07	61457	11:48:56 - 11:54:34	gap at MA
21/01/07	61458	13:02:49 - 13:14:36	gap at BE
21/01/07	61458	14:07:42 - 14:20:25	gap at MM
21/01/07	61459	15:47:09 - 15:59:45	gap at MM
21/01/07	61462	19:44:18 - 19:56:44	gap at MA
21/01/07	61463	22:25:00 - 22:37:26	gap at MM
21/01/07	61451	02:28:09 - 02:29:15	gap at MM
21/01/07	61459	14:44:27 - 14:54:19	gap at BE
22/01/07	61464	00:06:03 - 00:17:27	gap at MM
22/01/07	61465	01:16:13 - 01:23:13	gap at BE
22/01/07	61467	04:33:34 - 04:43:43	gap at BE
22/01/07	61467	04:01:58 - 04:14:45	gap at MI
22/01/07	61468	06:55:37 - 07:02:33	gap at MM

22/01/07	61471	11:16:39 - 11:25:26	gap at MA
22/01/07	61472	12:33:02 - 12:42:41	gap at BE
22/01/07	61473	14:09:49 - 14:23:14	gap at BE
22/01/07	61473	14:44:10 - 14:53:41	gap at MI
22/01/07	61474	15:52:36 - 16:00:37	gap at BE
22/01/07	61474	16:21:53 - 16:34:59	gap at MI
22/01/07	61476	19:16:24 - 19:24:43	gap at MA
22/01/07	61478	22:35:59 - 22:42:28	gap at MA
22/01/07	61469	08:06:05 - 08:07:05	gap at MA
22/01/07	61466	02:53:12 - 02:56:49	gap at BE
23/01/07	61480	02:22:10 - 02:34:58	gap at BE
23/01/07	61481	04:01:44 - 04:13:48	gap at BE
23/01/07	61481	04:41:46 - 04:47:44	gap at MM
23/01/07	61482	06:23:49 - 06:30:09	gap at MM
23/01/07	61483	08:04:42 - 08:13:15	gap at MM
23/01/07	61485	10:44:09 - 10:55:39	gap at MA
23/01/07	61486	12:04:15 - 12:10:06	gap at BE
23/01/07	61486	13:05:02 - 13:17:43	gap at MM
23/01/07	61487	13:38:48 - 13:51:54	gap at BE
23/01/07	61487	14:44:40 - 14:57:22	gap at MM
23/01/07	61488	15:19:22 - 15:30:37	gap at BE
23/01/07	61488	15:50:36 - 16:03:57	gap at MI
23/01/07	61489	17:10:11 - 17:22:54	gap at KS
23/01/07	61490	18:47:33 - 18:51:43	gap at MA
23/01/07	61491	20:20:22 - 20:34:10	gap at MA
23/01/07	61492	22:01:51 - 22:12:40	gap at MA
23/01/07	61481	03:37:52 - 03:43:48	gap at MI
24/01/07	61493	00:43:51 - 00:54:39	gap at MM
24/01/07	61494	01:51:29 - 02:02:42	gap at BE
24/01/07	61495	03:30:11 - 03:43:18	gap at BE
24/01/07	61495	04:09:26 - 04:15:51	gap at MM
24/01/07	61496	05:11:58 - 05:17:53	gap at BE
24/01/07	61496	05:51:54 - 05:57:50	gap at MM
24/01/07	61497	07:33:04 - 07:40:52	gap at MM
24/01/07	61500	11:55:05 - 11:59:33	gap at MA
24/01/07	61501	13:08:18 - 13:20:21	gap at BE
24/01/07	61502	14:47:07 - 14:59:56	gap at BE
24/01/07	61502	15:19:45 - 15:32:16	gap at MI
24/01/07	61503	16:59:25 - 17:10:47	gap at MI
24/01/07	61505	20:50:37 - 21:03:21	gap at MM
24/01/07	61505	19:49:48 - 20:02:37	gap at MA
24/01/07	61495	03:07:05 - 03:12:26	gap at MI
25/01/07	61508	01:21:30 - 01:29:27	gap at BE
25/01/07	61509	02:58:52 - 03:12:17	gap at BE
25/01/07	61509	03:37:02 - 03:44:04	gap at MM
25/01/07	61510	04:39:23 - 04:49:05	gap at BE
25/01/07	61510	05:19:51 - 05:25:37	gap at MM
25/01/07	61511	07:01:23 - 07:08:27	gap at MM
25/01/07	61514	11:22:31 - 11:30:54	gap at MA

25/01/07	61515	12:38:23 - 12:48:31	gap at BE
25/01/07	61516	14:15:30 - 14:28:54	gap at BE
25/01/07	61516	14:49:33 - 14:59:44	gap at MI
25/01/07	61517	15:58:50 - 16:05:54	gap at BE
25/01/07	61519	19:21:42 - 19:30:34	gap at MA
25/01/07	61521	22:42:26 - 22:47:40	gap at MA
25/01/07	61510	04:15:29 - 04:20:19	gap at MI
25/01/07	61517	16:30:32 - 16:40:33	gap at MI
26/01/07	61524	04:07:29 - 04:19:17	gap at BE
26/01/07	61525	06:29:36 - 06:36:03	gap at MM
26/01/07	61528	10:49:55 - 11:01:07	gap at MA
26/01/07	61529	12:09:21 - 12:16:07	gap at BE
26/01/07	61530	13:44:24 - 13:57:37	gap at BE
26/01/07	61531	15:25:19 - 15:36:09	gap at BE
26/01/07	61533	18:53:07 - 18:57:26	gap at MA
26/01/07	61534	20:25:59 - 20:39:45	gap at MA
26/01/07	61533	19:00:43 - 19:07:51	gap at KS
27/01/07	61537	01:31:51 - 01:43:46	gap at GS
27/01/07	61538	03:35:54 - 03:48:53	gap at BE
27/01/07	61538	04:15:19 - 04:21:38	gap at MM
27/01/07	61538	03:09:49 - 03:23:40	gap at GS
27/01/07	61539	05:57:43 - 06:03:42	gap at MM
27/01/07	61539	04:52:38 - 05:06:34	gap at PS
27/01/07	61540	06:34:34 - 06:45:15	gap at PS
27/01/07	61544	13:13:48 - 13:26:07	gap at BE
27/01/07	61544	14:19:05 - 14:31:48	gap at MM
27/01/07	61545	14:52:56 - 15:05:33	gap at BE
27/01/07	61545	15:58:30 - 16:11:05	gap at MM
27/01/07	61545	15:19:15 - 15:32:44	gap at GS
27/01/07	61546	16:58:49 - 17:11:38	gap at GS
27/01/07	61548	19:55:19 - 20:08:28	gap at MA
27/01/07	61548	20:17:23 - 20:27:58	gap at PS
27/01/07	61549	21:34:46 - 21:47:38	gap at MA
27/01/07	61536	00:04:01 - 00:05:49	gap at KS
27/01/07	61545	15:36:19 - 15:38:04	gap at MI
28/01/07	61551	01:26:52 - 01:35:37	gap at BE
28/01/07	61551	01:02:03 - 01:11:59	gap at GS
28/01/07	61552	03:42:55 - 03:49:50	gap at MM
28/01/07	61552	02:38:34 - 02:52:26	gap at GS
28/01/07	61553	04:45:15 - 04:54:25	gap at BE
28/01/07	61553	05:25:41 - 05:31:28	gap at MM
28/01/07	61553	04:19:45 - 04:31:03	gap at GS
28/01/07	61554	06:02:00 - 06:14:27	gap at PS
28/01/07	61556	10:27:59 - 10:39:24	gap at MM
28/01/07	61557	11:28:24 - 11:36:24	gap at MA
28/01/07	61558	12:43:47 - 12:54:20	gap at BE
28/01/07	61559	14:21:13 - 14:34:34	gap at BE
28/01/07	61559	14:36:40 - 14:48:14	gap at KS
28/01/07	61559	14:48:22 - 15:00:39	gap at GS

28/01/07	61560	16:05:11 - 16:11:05	gap at BE
28/01/07	61560	16:27:22 - 16:41:01	gap at GS
28/01/07	61561	18:45:40 - 18:58:16	gap at MM
28/01/07	61561	18:08:09 - 18:16:43	gap at GS
28/01/07	61562	19:27:03 - 19:36:24	gap at MA
28/01/07	61562	19:45:53 - 19:57:53	gap at PS
28/01/07	61563	21:03:00 - 21:16:26	gap at MA
29/01/07	61566	02:33:25 - 02:46:32	gap at BE
29/01/07	61566	03:10:30 - 03:18:08	gap at MM
29/01/07	61566	02:07:44 - 02:21:03	gap at GS
29/01/07	61567	04:13:16 - 04:24:45	gap at BE
29/01/07	61567	03:47:22 - 04:00:21	gap at GS
29/01/07	61568	05:29:58 - 05:43:25	gap at PS
29/01/07	61568	05:49:59 - 05:52:29	gap at KS
29/01/07	61572	12:14:32 - 12:22:05	gap at BE
29/01/07	61573	13:50:01 - 14:03:19	gap at BE
29/01/07	61573	14:56:02 - 15:08:43	gap at MM
29/01/07	61573	14:17:53 - 14:27:53	gap at GS
29/01/07	61574	15:31:18 - 15:41:39	gap at BE
29/01/07	61574	15:56:03 - 16:09:59	gap at GS
29/01/07	61575	18:14:30 - 18:27:04	gap at MM
29/01/07	61576	19:53:44 - 20:06:26	gap at MM
29/01/07	61576	18:58:20 - 19:03:08	gap at MA
29/01/07	61577	21:33:26 - 21:46:05	gap at MM
29/01/07	61577	20:31:36 - 20:45:19	gap at MA
29/01/07	61577	20:54:44 - 21:03:05	gap at PS
29/01/07	61578	22:14:23 - 22:23:39	gap at MA
29/01/07	61575	17:36:13 - 17:39:55	gap at GS
29/01/07	61567	03:49:21 - 03:55:06	gap at MI
30/01/07	61581	03:41:38 - 03:54:27	gap at BE
30/01/07	61581	04:21:12 - 04:27:26	gap at MM
30/01/07	61584	09:25:01 - 09:35:21	gap at MM
30/01/07	61586	12:45:05 - 12:57:42	gap at MM
30/01/07	61587	13:19:20 - 13:31:51	gap at BE
30/01/07	61588	14:58:46 - 15:11:09	gap at BE
30/01/07	61588	16:04:10 - 16:16:45	gap at MM
30/01/07	61590	19:22:31 - 19:35:11	gap at MM
30/01/07	61591	20:00:52 - 20:14:14	gap at MA
30/01/07	61592	21:40:35 - 21:53:13	gap at MA
30/01/07	61579	00:09:38 - 00:11:21	gap at KS
30/01/07	61580	02:02:35 - 02:05:23	gap at BE
31/01/07	61593	00:23:28 - 00:34:37	gap at MM
31/01/07	61594	01:32:16 - 01:41:43	gap at BE
31/01/07	61595	03:48:49 - 03:55:37	gap at MM
31/01/07	61596	04:51:07 - 04:59:43	gap at BE
31/01/07	61598	08:53:29 - 09:03:10	gap at MM
31/01/07	61599	10:33:42 - 10:45:12	gap at MM
31/01/07	61600	11:34:12 - 11:41:40	gap at MA
31/01/07	61601	12:49:11 - 13:00:08	gap at BE

31/01/07	61602	14:26:56 - 14:40:13	gap at BE
31/01/07	61605	19:30:36 - 19:42:13	gap at MA
31/01/07	61606	21:08:48 - 21:22:05	gap at MA
31/01/07	61607	23:51:33 - 00:03:09	gap at MM
31/01/07	61603	16:48:49 - 16:51:38	gap at MI

Lamp Failures:

Date	Lamp Failure	remark
28/01/07	Lamp Failure (no. 200 – 204) Orbit 61558 – 61561	Lamp Failures set during quarterly calibration sequences, voltage reached only a value of about 179 V orbit 61558 13:06:11 - 13:15:55 13:49:12 - 13:58:54 orbit 61559 start before 14:53 (no visibility groundstation) - stop 14:56:32 orbit 61560 15:56:15 - stop after 16:04:23 (no visibility groundstation) orbit 61561 start before 17:52 (no visibility groundstation) - stop 17:55:28

cooler switchings: none

timeline interruptions: (operations in nadir static view): none

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/01/07	61214 – 61229	~12:00 (04/01/07) - ~13:30 (05/01/07)	Narrow Swath Timeline GMNNOT41 executed
14-15/01/07	61358 – 61371	~13:30 (14/01/07) - ~11:00 (15/01/07)	Narrow Swath Timeline GMNNOT41 executed
24-25/01/07	61502 – 61515	~15:00 (24/01/07) - ~13:00 (25/01/07)	Narrow Swath Timeline GMNNOT41 executed

Others:

Date	Orbit No.	Duration	remark
03/01/07	61202	16:18:10	Corrupted products at MI anomalous values for most parameters
14/01/07	61360	17:24:40	Corrupted products at MI anomalous values for most parameters
16/01/07	61379	00:39:31	Corrupted products at GS anomalous values for most parameters
24/01/07	61496	04:39:21	Corrupted products at MI anomalous values for most parameters
25/01/07	61520	22:02:47	Corrupted products at se anomalous values for most parameters

26/01/07	61523	02:29:37	Corrupted products at BE anomalous values for most parameters
28/01/07	61558	13:46:36	Corrupted products at MM anomalous values for most parameters
28/01/07	61559		Calibration lamp instabilities: lampcal mode start 14:15:22 stop after 14:23:00 (no visibility gs) voltage alternating between 198 V and 180 V (mainly at 180 V) lampcal mode start 15:29:38 stop 15:39:29 voltage mainly at 180 V (decrease from 198V short after ignition)
28/01/07	61560		Calibration lamp instabilities: lampcal mode start before 16:32:23 (no visibility gs) stop 16:37:07 voltage at 182 V instead of nominally 198V lampcal mode start 17:10:08 stop after 17:19:59 (no visibility gs) voltage decreased to 180 V shortly after lamp ignition
28/01/07	61562	start before 19:30:14 (no visibility gs) stop 19:36:05	GOOD Lamp cal measurements, no instability
28/01/07	61562	start 20:27:19 stop after 20:38:38 (no visibility gs)	GOOD Lamp cal measurements, no instability
28/01/07	61563	start before 21:10:23 (no visibility gs) stop 21:16:40	GOOD Lamp cal measurements, no instability