

GOME Operations for November 2005

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

GOME Operations during November 2005

Date	operations	remark
01/11/05	data available within visibility of groundstation	no solar calibration performed due to ers2 manouvre.
02/11/05	data available within visibility of groundstation	no solar calibration due to ERS2 manouvre
03/11/05	data available within visibility of groundstation	no solar calibration measurement available
04/11/05	data available within visibility of groundstation	no solar calibration measurement available
05/11/05	data available within visibility of groundstation	no solar calibration measurement available
06/11/05	data available within visibility of groundstation	no solar calibration measurement available
07/11/05	data available within visibility of groundstation	start of sun calibration:12:15:20.900
08/11/05	data available within visibility of groundstation	start of sun calibration:11:39:50.350
09/11/05	data available within visibility of groundstation	start of sun calibration:11:08:22.831
10/11/05	data available within visibility of groundstation	start of sun calibration:10:36:49.300
11/11/05	data available within visibility of groundstation	start of sun calibration:13:26:29.000
12/11/05	data available within visibility of groundstation	start of sun calibration:12:54:55.480
13/11/05	data available within visibility of groundstation	start of sun calibration:12:23:27.974
14/11/05	data available within visibility of groundstation	start of sun calibration:11:51:52.370
15/11/05	data available within visibility of groundstation	start of sun calibration:11:20:18.860
16/11/05	data available within visibility of groundstation	start of sun calibration:10:48:45.349
17/11/05	data available within visibility of groundstation	start of sun calibration:10:17:17.840
18/11/05	data available within visibility of groundstation	start of sun calibration:13:06:51.546
19/11/05	data available within visibility of groundstation	no solar calibration measurement available due to GOME switch off (see ER2-UNA/2005/025)
20/11/05	data available within visibility of groundstation	start of sun calibration:12:03:45.664
21/11/05	data available within visibility of groundstation	start of sun calibration:11:32:18.186
22/11/05	data available within visibility of groundstation	start of sun calibration:11:00:44.668
23/11/05	data available within visibility of groundstation	start of sun calibration:10:29:11.170

24/11/05	data available within visibility of groundstation	start of sun calibration:13:18:49.510
25/11/05	data available within visibility of groundstation	no solar calibration performed due to ERS manouvre
26/11/05	data available within visibility of groundstation	no solar calibration performed due to ERS manouvre
27/11/05	data available within visibility of groundstation	start of sun calibration: 11:44:09.060
28/12/05	data available within visibility of groundstation	start of sun calibration: 11:12:35.570
29/11/05	data available within visibility of groundstation	start of sun calibration: 10:41:02.080
30/11/05	GOME switch - off start: 14:02:12 stop: 16:48:12 data available within visibility of groundstation	start of sun calibration: 10:41:02.080 start of sun calibration: 18:32:30.140 (TST44 started at ~18:00 with warm detectors T=266 K)

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
01/11/05	55069	06:03:31 - 06:09:34	gap at MM
01/11/05	55070	07:44:35 - 07:52:39	gap at MM
01/11/05	55073	12:45:05 - 12:57:42	gap at MM
01/11/05	55074	14:24:46 - 14:37:29	gap at MM
01/11/05	55075	14:58:46 - 15:11:09	gap at BE
01/11/05	55078	21:02:01 - 21:14:44	gap at MM
01/11/05	55078	20:00:52 - 20:14:14	gap at MA
01/11/05	55079	22:42:15 - 22:54:34	gap at MM
01/11/05	55066	00:09:33 - 00:11:21	gap at KS
02/11/05	55081	01:32:16 - 01:41:43	gap at BE
02/11/05	55082	03:48:49 - 03:55:37	gap at MM
02/11/05	55083	04:51:07 - 04:59:43	gap at BE
02/11/05	55083	05:31:31 - 05:37:19	gap at MM
02/11/05	55084	07:12:55 - 07:20:14	gap at MM
02/11/05	55085	08:14:39 - 08:25:16	gap at MA
02/11/05	55087	12:13:42 - 12:26:11	gap at MM
02/11/05	55087	11:34:12 - 11:41:40	gap at MA
02/11/05	55088	12:49:11 - 13:00:08	gap at BE
02/11/05	55088	13:53:28 - 14:06:12	gap at MM
02/11/05	55089	14:26:56 - 14:40:13	gap at BE
02/11/05	55091	18:51:20 - 19:03:57	gap at MM
02/11/05	55092	20:30:41 - 20:43:25	gap at MM
02/11/05	55092	19:30:36 - 19:42:13	gap at MA
02/11/05	55093	22:10:39 - 22:23:10	gap at MM

03/11/05	55096	03:16:24 - 03:23:53	gap at MM
03/11/05	55097	04:19:03 - 04:30:12	gap at BE
03/11/05	55099	05:55:25 - 05:59:51	gap at KS
03/11/05	55101	11:42:18 - 11:54:33	gap at MM
03/11/05	55102	12:19:46 - 12:28:01	gap at BE
03/11/05	55104	15:37:19 - 15:47:07	gap at BE
03/11/05	55105	18:20:10 - 18:32:45	gap at MM
03/11/05	55106	19:59:25 - 20:12:08	gap at MM
03/11/05	55106	19:03:23 - 19:08:50	gap at MA
03/11/05	55106	19:20:10 - 19:33:02	gap at PS
03/11/05	55107	21:39:09 - 21:51:47	gap at MM
03/11/05	55107	20:37:14 - 20:50:54	gap at MA
03/11/05	55108	22:20:27 - 22:29:05	gap at MA
04/11/05	55110	02:08:10 - 02:20:23	gap at BE
04/11/05	55111	03:47:22 - 04:00:00	gap at BE
04/11/05	55116	12:50:47 - 13:03:25	gap at MM
04/11/05	55118	15:04:37 - 15:16:44	gap at BE
04/11/05	55119	17:49:01 - 18:01:33	gap at MM
04/11/05	55121	21:07:44 - 21:20:26	gap at MM
04/11/05	55109	00:15:14 - 00:16:50	gap at KS
05/11/05	55124	01:37:43 - 01:47:46	gap at BE
05/11/05	55124	02:11:39 - 02:20:39	gap at MM
05/11/05	55126	04:57:01 - 05:04:59	gap at BE
05/11/05	55128	08:20:07 - 08:31:15	gap at MA
05/11/05	55129	10:39:26 - 10:51:00	gap at MM
05/11/05	55130	11:40:00 - 11:46:53	gap at MA
05/11/05	55131	12:54:37 - 13:05:56	gap at BE
05/11/05	55132	14:32:41 - 14:45:52	gap at BE
05/11/05	55133	17:17:52 - 17:30:23	gap at MM
05/11/05	55135	19:36:04 - 19:48:01	gap at MA
05/11/05	55125	03:15:55 - 03:24:42	gap at BE
06/11/05	55138	01:39:22 - 01:49:05	gap at MM
06/11/05	55139	02:44:42 - 02:58:01	gap at BE
06/11/05	55139	03:22:17 - 03:29:39	gap at MM
06/11/05	55140	04:24:50 - 04:35:38	gap at BE
06/11/05	55141	06:00:56 - 06:06:04	gap at KS
06/11/05	55142	08:27:40 - 08:36:46	gap at MM
06/11/05	55143	10:07:58 - 10:19:04	gap at MM
06/11/05	55144	11:48:01 - 12:00:19	gap at MM
06/11/05	55145	12:25:03 - 12:33:54	gap at BE
06/11/05	55147	15:43:23 - 15:52:33	gap at BE
06/11/05	55147	16:46:42 - 16:59:14	gap at MM
06/11/05	55149	19:08:33 - 19:15:54	gap at MA
06/11/05	55150	20:42:54 - 20:56:36	gap at MA
06/11/05	55151	23:25:30 - 23:37:25	gap at MM
06/11/05	55151	22:26:36 - 22:34:29	gap at MA
07/11/05 - 11/11/05	55152 - 55218		Data from MM do not arrive due to station problem (application problem)

07/11/05	55153	02:13:45 - 02:26:14	gap at BE
07/11/05	55157	08:56:50 - 09:09:15	gap at MA
07/11/05	55161	15:10:30 - 15:22:18	gap at BE
07/11/05	55163	18:54:29 - 19:07:58	gap at PS
07/11/05	55164	20:11:59 - 20:25:42	gap at MA
07/11/05	55164	20:34:36 - 20:44:14	gap at PS
07/11/05	55165	21:52:54 - 22:04:22	gap at MA
07/11/05	55152	00:20:43 - 00:22:13	gap at KS
08/11/05	55167	01:43:12 - 01:53:46	gap at BE
08/11/05	55169	05:02:57 - 05:10:11	gap at BE
08/11/05	55173	11:45:54 - 11:52:02	gap at MA
08/11/05	55174	13:00:05 - 13:11:42	gap at BE
08/11/05	55175	14:38:27 - 14:51:30	gap at BE
08/11/05	55178	19:41:33 - 19:53:48	gap at MA
09/11/05	55181	01:13:37 - 01:20:03	gap at BE
09/11/05	55183	04:30:39 - 04:41:02	gap at BE
09/11/05	55183	03:59:05 - 04:11:57	gap at MI
09/11/05	55184	06:06:28 - 06:12:13	gap at KS
09/11/05	55185	07:55:59 - 08:01:45	gap at MA
09/11/05	55188	12:30:22 - 12:39:46	gap at BE
09/11/05	55190	15:49:31 - 15:57:56	gap at BE
09/11/05	55193	20:48:34 - 21:02:17	gap at MA
09/11/05	55194	22:32:49 - 22:39:50	gap at MA
09/11/05	55189	14:15:05 - 14:20:23	gap at BE
10/11/05	55202	12:01:44 - 12:07:03	gap at BE
10/11/05	55204	15:16:24 - 15:27:51	gap at BE
10/11/05	55205	17:28:57 - 17:37:24	gap at MI
10/11/05	55206	18:44:46 - 18:48:51	gap at MA
10/11/05	55207	20:17:34 - 20:31:22	gap at MA
10/11/05	55208	21:58:48 - 22:09:54	gap at MA
10/11/05	55195	00:26:20 - 00:27:23	gap at KS
10/11/05	55197	03:35:13 - 03:40:58	gap at MI
10/11/05	55203	13:47:02 - 13:49:03	gap at BE
11/11/05	55210	01:48:43 - 01:59:44	gap at BE
11/11/05	55212	05:08:57 - 05:15:20	gap at BE
11/11/05	55214	08:31:07 - 08:43:08	gap at MA
11/11/05	55216	11:51:59 - 11:57:05	gap at MA
11/11/05	55217	13:05:33 - 13:17:29	gap at BE
11/11/05	55218	14:44:14 - 14:57:07	gap at BE
11/11/05	55220	19:08:20 - 19:20:59	gap at MM
11/11/05	55221	20:47:46 - 21:00:30	gap at MM
11/11/05	55221	19:47:03 - 19:59:41	gap at MA
11/11/05	55222	22:27:52 - 22:40:17	gap at MM
12/11/05	55223	00:08:57 - 00:20:18	gap at MM
12/11/05	55224	01:18:51 - 01:26:21	gap at BE
12/11/05	55224	01:51:06 - 02:00:33	gap at MM
12/11/05	55225	02:56:02 - 03:09:26	gap at BE
12/11/05	55225	03:34:05 - 03:41:11	gap at MM
12/11/05	55226	04:36:28 - 04:46:25	gap at BE

12/11/05	55226	05:16:55 - 05:22:42	gap at MM
12/11/05	55227	06:58:30 - 07:05:30	gap at MM
12/11/05	55228	08:01:42 - 08:10:09	gap at MA
12/11/05	55230	11:59:26 - 12:11:49	gap at MM
12/11/05	55230	11:19:35 - 11:28:08	gap at MA
12/11/05	55231	12:35:42 - 12:45:36	gap at BE
12/11/05	55231	13:39:14 - 13:51:57	gap at MM
12/11/05	55232	15:18:46 - 15:31:25	gap at MM
12/11/05	55233	15:55:42 - 16:03:16	gap at BE
12/11/05	55235	19:19:03 - 19:27:39	gap at MA
12/11/05	55236	21:56:19 - 22:08:54	gap at MM
12/11/05	55237	22:39:11 - 22:45:05	gap at MA
12/11/05	55226	04:12:58 - 04:17:32	gap at MI
13/11/05	55240	04:04:36 - 04:16:33	gap at BE
13/11/05	55240	04:44:42 - 04:50:39	gap at MM
13/11/05	55241	06:26:43 - 06:33:06	gap at MM
13/11/05	55244	11:28:01 - 11:40:09	gap at MM
13/11/05	55244	10:47:02 - 10:58:23	gap at MA
13/11/05	55245	12:06:48 - 12:13:07	gap at BE
13/11/05	55245	13:07:53 - 13:20:34	gap at MM
13/11/05	55247	15:22:20 - 15:33:23	gap at BE
13/11/05	55249	19:45:13 - 19:57:55	gap at MM
13/11/05	55249	18:50:20 - 18:54:34	gap at MA
13/11/05	55250	21:24:51 - 21:37:32	gap at MM
13/11/05	55251	23:05:17 - 23:17:25	gap at MM
13/11/05	55251	22:05:21 - 22:15:25	gap at MA
13/11/05	55246	14:19:31 - 14:21:27	gap at MI
13/11/05	55246	13:53:03 - 13:54:46	gap at BE
14/11/05	55253	02:29:17 - 02:37:52	gap at MM
14/11/05	55254	04:12:22 - 04:18:44	gap at MM
14/11/05	55255	05:15:01 - 05:20:24	gap at BE
14/11/05	55259	12:36:32 - 12:49:07	gap at MM
14/11/05	55260	13:11:03 - 13:23:14	gap at BE
14/11/05	55261	14:50:02 - 15:02:44	gap at BE
14/11/05	55261	15:22:32 - 15:35:10	gap at MI
14/11/05	55262	17:34:52 - 17:47:23	gap at MM
14/11/05	55262	17:02:20 - 17:13:29	gap at MI
14/11/05	55263	19:14:01 - 19:26:40	gap at MM
14/11/05	55264	20:53:28 - 21:06:12	gap at MM
14/11/05	55264	19:52:34 - 20:05:33	gap at MA
14/11/05	55265	22:33:37 - 22:46:00	gap at MM
14/11/05	55265	21:31:52 - 21:44:50	gap at MA
14/11/05	55254	03:33:02 - 03:39:51	gap at BE
15/11/05	55266	00:14:45 - 00:26:02	gap at MM
15/11/05	55267	01:24:10 - 01:32:33	gap at BE
15/11/05	55267	01:56:58 - 02:06:18	gap at MM
15/11/05	55268	03:01:42 - 03:15:07	gap at BE
15/11/05	55268	03:39:58 - 03:46:57	gap at MM
15/11/05	55268	02:32:00 - 02:43:32	gap at MI

15/11/05	55269	04:42:19 - 04:51:45	gap at BE
15/11/05	55269	05:22:46 - 05:28:32	gap at MM
15/11/05	55269	04:10:42 - 04:23:06	gap at MI
15/11/05	55271	07:56:42 - 08:08:45	gap at KS
15/11/05	55271	08:06:33 - 08:16:14	gap at MA
15/11/05	55272	10:25:08 - 10:36:30	gap at MM
15/11/05	55273	12:05:08 - 12:17:34	gap at MM
15/11/05	55273	11:25:28 - 11:33:40	gap at MA
15/11/05	55274	12:41:05 - 12:51:26	gap at BE
15/11/05	55274	13:44:55 - 13:57:39	gap at MM
15/11/05	55275	14:52:15 - 15:02:44	gap at MI
15/11/05	55276	16:02:00 - 16:08:31	gap at BE
15/11/05	55277	18:42:50 - 18:55:26	gap at MM
15/11/05	55278	20:22:09 - 20:34:53	gap at MM
15/11/05	55278	19:24:22 - 19:33:29	gap at MA
15/11/05	55279	22:02:03 - 22:14:36	gap at MM
15/11/05	55279	21:00:04 - 21:13:37	gap at MA
15/11/05	55280	23:42:51 - 23:54:34	gap at MM
15/11/05	55280	22:45:40 - 22:50:12	gap at MA
16/11/05	55281	01:24:44 - 01:34:45	gap at MM
16/11/05	55282	02:30:36 - 02:43:38	gap at BE
16/11/05	55282	03:07:33 - 03:15:15	gap at MM
16/11/05	55283	04:10:23 - 04:22:02	gap at BE
16/11/05	55283	04:50:34 - 04:56:28	gap at MM
16/11/05	55286	09:53:39 - 10:04:31	gap at MM
16/11/05	55287	11:33:44 - 11:45:55	gap at MM
16/11/05	55288	12:11:56 - 12:19:07	gap at BE
16/11/05	55290	15:28:18 - 15:38:54	gap at BE
16/11/05	55290	16:32:32 - 16:45:04	gap at MM
16/11/05	55291	18:11:41 - 18:24:14	gap at MM
16/11/05	55292	19:50:54 - 20:03:36	gap at MM
16/11/05	55292	18:55:53 - 19:00:17	gap at MA
16/11/05	55293	21:30:34 - 21:43:14	gap at MM
16/11/05	55293	20:28:47 - 20:42:32	gap at MA
16/11/05	55289	14:25:33 - 14:28:32	gap at MI
17/11/05	55295	00:52:36 - 01:03:14	gap at MM
17/11/05	55296	02:35:10 - 02:43:37	gap at MM
17/11/05	55297	04:18:15 - 04:24:32	gap at MM
17/11/05	55299	07:41:42 - 07:49:42	gap at MM
17/11/05	55300	09:22:09 - 09:32:26	gap at MM
17/11/05	55301	11:02:18 - 11:14:10	gap at MM
17/11/05	55303	13:16:34 - 13:28:59	gap at BE
17/11/05	55304	14:55:51 - 15:08:21	gap at BE
17/11/05	55304	16:01:20 - 16:13:55	gap at MM
17/11/05	55305	17:40:31 - 17:53:03	gap at MM
17/11/05	55306	19:19:41 - 19:32:20	gap at MM
17/11/05	55307	20:59:10 - 21:11:53	gap at MM
17/11/05	55308	22:39:22 - 22:51:42	gap at MM
18/11/05	55309	00:20:34 - 00:31:45	gap at MM

18/11/05	55310	01:29:34 - 01:38:40	gap at BE
18/11/05	55310	02:02:50 - 02:12:02	gap at MM
18/11/05	55311	03:45:52 - 03:52:43	gap at MM
18/11/05	55312	04:48:11 - 04:57:04	gap at BE
18/11/05	55312	05:28:36 - 05:34:23	gap at MM
18/11/05	55313	07:10:02 - 07:17:17	gap at MM
18/11/05	55313	06:23:15 - 06:30:28	gap at KS
18/11/05	55314	08:50:37 - 09:00:14	gap at MM
18/11/05	55314	08:11:57 - 08:22:16	gap at MA
18/11/05	55315	10:30:51 - 10:42:18	gap at MM
18/11/05	55316	12:10:51 - 12:23:18	gap at MM
18/11/05	55316	11:31:18 - 11:39:02	gap at MA
18/11/05	55317	12:46:29 - 12:57:14	gap at BE
18/11/05	55317	13:50:37 - 14:03:21	gap at MM
18/11/05	55318	15:30:07 - 15:42:45	gap at MM
18/11/05	55318	14:57:42 - 15:08:43	gap at MI
18/11/05	55319	16:37:03 - 16:43:49	gap at GS
18/11/05	55312	04:24:46 - 04:28:38	gap at MI
18/11/05 - 19/11/05	55319 - 55330	16:53 - 11:04	GOME switch off (see unavailability ER2-UNA-2005/025)
19/11/05	55331	12:17:09 - 12:25:03	gap at BE
19/11/05	55331	13:19:17 - 13:32:00	gap at MM
19/11/05	55331	12:29:38 - 12:42:35	gap at KS
19/11/05	55331	12:43:10 - 12:54:39	gap at MS
19/11/05	55332	13:52:50 - 14:06:10	gap at BE
19/11/05	55332	14:08:31 - 14:20:18	gap at KS
19/11/05	55333	15:34:18 - 15:44:23	gap at BE
19/11/05	55333	16:38:12 - 16:50:44	gap at MM
19/11/05	55334	18:17:20 - 18:29:5	gap at MM
19/11/05	55335	19:56:34 - 20:09:17	gap at MM
19/11/05	55335	19:00:51 - 19:05:59	gap at MA
19/11/05	55336	21:36:17 - 21:48:56	gap at MM
19/11/05	55336	20:34:25 - 20:48:06	gap at MA
19/11/05	55337	23:16:50 - 23:28:50	gap at MM
19/11/05	55337	22:17:25 - 22:26:22	gap at MA
19/11/05	55330	10:50:17 - 10:53:55	gap at KS
20/11/05	55338	00:58:26 - 01:08:58	gap at MM
20/11/05	55339	02:05:22 - 02:17:27	gap at BE
20/11/05	55339	02:41:03 - 02:49:22	gap at MM
20/11/05	55340	04:24:08 - 04:30:20	gap at MM
20/11/05	55341	06:06:26 - 06:12:31	gap at MM
20/11/05	55342	07:47:27 - 07:55:35	gap at MM
20/11/05	55343	09:27:52 - 09:38:16	gap at MM
20/11/05	55346	14:27:37 - 14:40:19	gap at MM
20/11/05	55347	15:01:41 - 15:13:56	gap at BE
20/11/05	55347	16:07:01 - 16:19:35	gap at MM
20/11/05	55350	21:04:52 - 21:17:35	gap at MM
20/11/05	55351	22:45:08 - 22:57:25	gap at MM

20/11/05	55351	21:43:49 - 21:56:01	gap at MA
20/11/05	55338	00:12:24 - 00:14:06	gap at KS
20/11/05	55344	10:19:00 - 10:21:52	gap at KS
21/11/05	55352	00:26:23 - 00:37:28	gap at MM
21/11/05	55353	01:35:00 - 01:44:45	gap at BE
21/11/05	55353	02:08:43 - 02:17:46	gap at MM
21/11/05	55354	03:51:46 - 03:58:30	gap at MM
21/11/05	55355	04:54:04 - 05:02:21	gap at BE
21/11/05	55355	05:34:26 - 05:40:15	gap at MM
21/11/05	55356	07:15:48 - 07:23:11	gap at MM
21/11/05	55357	08:56:21 - 09:06:06	gap at MM
21/11/05	55357	08:17:23 - 08:28:16	gap at MA
21/11/05	55358	10:36:34 - 10:48:06	gap at MM
21/11/05	55359	11:37:06 - 11:44:17	gap at MA
21/11/05	55360	12:51:54 - 13:03:02	gap at BE
21/11/05	55360	13:56:19 - 14:09:03	gap at MM
21/11/05	55361	14:29:48 - 14:43:02	gap at BE
21/11/05	55361	15:35:48 - 15:48:25	gap at MM
21/11/05	55362	17:15:02 - 17:27:33	gap at MM
21/11/05	55364	20:33:32 - 20:46:16	gap at MM
21/11/05	55364	19:33:20 - 19:45:07	gap at MA
21/11/05	55365	22:13:31 - 22:26:01	gap at MM
21/11/05	55365	21:11:40 - 21:24:56	gap at MA
22/11/05	55369	04:21:57 - 04:32:55	gap at BE
22/11/05	55370	05:58:10 - 06:02:58	gap at KS
22/11/05	55374	12:22:24 - 12:30:58	gap at BE
22/11/05	55374	13:24:59 - 13:37:42	gap at MM
22/11/05	55375	15:04:34 - 15:17:14	gap at MM
22/11/05	55375	14:33:37 - 14:41:23	gap at MI
22/11/05	55376	15:40:21 - 15:49:50	gap at BE
22/11/05	55376	16:10:27 - 16:23:46	gap at MI
22/11/05	55377	17:53:58 - 17:57:06	gap at MI
22/11/05	55378	20:02:15 - 20:14:58	gap at MM
22/11/05	55378	19:05:58 - 19:12:57	gap at MA
22/11/05	55379	21:42:00 - 21:54:38	gap at MM
22/11/05	55379	20:40:04 - 20:53:45	gap at MA
22/11/05	55380	23:22:37 - 23:34:33	gap at MM
23/11/05	55381	01:04:16 - 01:14:42	gap at MM
23/11/05	55382	02:10:57 - 02:23:19	gap at BE
23/11/05	55382	02:46:56 - 02:55:07	gap at MM
23/11/05	55382	01:45:14 - 01:49:23	gap at MI
23/11/05	55383	03:50:14 - 04:02:46	gap at BE
23/11/05	55383	04:30:01 - 04:36:08	gap at MM
23/11/05	55386	09:33:36 - 09:44:06	gap at MM
23/11/05	55386	08:54:11 - 09:06:36	gap at MA
23/11/05	55388	12:53:38 - 13:06:17	gap at MM
23/11/05	55389	13:27:39 - 13:40:28	gap at BE
23/11/05	55389	14:33:18 - 14:46:00	gap at MM
23/11/05	55390	15:07:33 - 15:19:31	gap at BE

23/11/05	55392	19:31:02 - 19:43:42	gap at MM
23/11/05	55393	21:10:35 - 21:23:17	gap at MM
23/11/05	55394	22:50:53 - 23:03:08	gap at MM
23/11/05	55381	00:17:59 - 00:19:32	gap at KS
24/11/05	55396	01:40:28 - 01:50:46	gap at BE
24/11/05	55397	03:18:46 - 03:32:04	gap at BE
24/11/05	55397	03:57:39 - 04:04:17	gap at MM
24/11/05	55398	04:59:59 - 05:07:35	gap at BE
24/11/05	55398	05:40:16 - 05:46:06	gap at MM
24/11/05	55399	07:21:33 - 07:29:05	gap at MM
24/11/05	55400	08:22:51 - 08:34:14	gap at MA
24/11/05	55401	10:42:17 - 10:53:54	gap at MM
24/11/05	55402	12:22:16 - 12:34:47	gap at MM
24/11/05	55402	11:42:55 - 11:49:28	gap at MA
24/11/05	55403	12:57:21 - 13:08:49	gap at BE
24/11/05	55403	14:02:00 - 14:14:44	gap at MM
24/11/05	55404	14:35:34 - 14:48:41	gap at BE
24/11/05	55404	15:41:29 - 15:54:05	gap at MM
24/11/05	55406	18:59:50 - 19:12:28	gap at MM
24/11/05	55407	20:39:14 - 20:51:58	gap at MM
24/11/05	55407	19:38:48 - 19:50:55	gap at MA
25/11/05	55410	01:11:03 - 01:16:51	gap at BE
25/11/05	55411	02:47:32 - 03:00:53	gap at BE
25/11/05	55412	04:27:45 - 04:38:20	gap at BE
25/11/05	55413	06:03:42 - 06:09:09	gap at KS
25/11/05	55416	11:50:52 - 12:03:11	gap at MM
25/11/05	55417	12:27:42 - 12:36:50	gap at BE
25/11/05	55417	13:30:41 - 13:43:24	gap at MM
25/11/05	55418	14:04:08 - 14:17:33	gap at BE
25/11/05	55419	15:46:27 - 15:55:15	gap at BE
25/11/05	55419	16:49:32 - 17:02:04	gap at MM
25/11/05	55420	18:28:40 - 18:41:15	gap at MM
25/11/05	55421	20:07:56 - 20:20:40	gap at MM
25/11/05	55421	19:11:09 - 19:18:51	gap at MA
25/11/05	55423	22:29:42 - 22:37:10	gap at MA
25/11/05	55414	07:54:20 - 07:59:48	gap at MA
26/11/05	55425 - 55433		Data from BE do not arrive due to station problem
26/11/05	55425	02:52:50 - 03:00:52	gap at MM
26/11/05	55429	09:39:20 - 09:49:57	gap at MM
26/11/05	55429	08:59:58 - 09:12:24	gap at MA
26/11/05	55430	11:19:27 - 11:31:30	gap at MM
26/11/05	55431	12:59:20 - 13:12:00	gap at MM
26/11/05	55434	17:57:31 - 18:10:04	gap at MM
26/11/05	55434	17:25:57 - 17:34:48	gap at MI
26/11/05	55435	19:36:42 - 19:49:23	gap at MM
26/11/05	55436	21:16:17 - 21:28:59	gap at MM
26/11/05	55437	22:56:39 - 23:08:50	gap at MM
26/11/05	55437	21:55:51 - 22:07:08	gap at MA

26/11/05	55424	00:23:33 - 00:24:51	gap at KS
27/11/05	55438	00:38:01 - 00:48:55	gap at MM
27/11/05	55439	01:45:57 - 01:56:45	gap at BE
27/11/05	55439	02:20:28 - 02:29:15	gap at MM
27/11/05	55440	03:24:28 - 03:37:42	gap at BE
27/11/05	55441	05:05:57 - 05:12:46	gap at BE
27/11/05	55441	05:46:05 - 05:51:58	gap at MM
27/11/05	55442	07:27:19 - 07:34:58	gap at MM
27/11/05	55444	10:48:00 - 10:59:42	gap at MM
27/11/05	55445	12:27:58 - 12:40:31	gap at MM
27/11/05	55445	11:48:56 - 11:54:34	gap at MA
27/11/05	55446	13:02:49 - 13:14:36	gap at BE
27/11/05	55446	14:07:42 - 14:20:25	gap at MM
27/11/05	55447	14:41:20 - 14:54:19	gap at BE
27/11/05	55447	15:47:09 - 15:59:45	gap at MM
27/11/05	55447	15:14:12 - 15:26:25	gap at MI
27/11/05	55448	17:26:22 - 17:38:53	gap at MM
27/11/05	55448	16:53:36 - 17:05:21	gap at MI
27/11/05	55449	19:05:30 - 19:18:09	gap at MM
27/11/05	55450	20:44:55 - 20:57:39	gap at MM
27/11/05	55451	22:25:00 - 22:37:26	gap at MM
27/11/05	55451	21:23:11 - 21:36:21	gap at MA
28/11/05	55452	00:06:03 - 00:17:27	gap at MM
28/11/05	55453	01:16:13 - 01:23:13	gap at BE
28/11/05	55453	01:48:10 - 01:57:41	gap at MM
28/11/05	55454	02:53:12 - 03:06:35	gap at BE
28/11/05	55455	04:33:34 - 04:43:43	gap at BE
28/11/05	55457	08:36:16 - 08:45:34	gap at MM
28/11/05	55457	07:59:07 - 08:07:05	gap at MA
28/11/05	55458	10:16:33 - 10:27:47	gap at MM
28/11/05	55459	11:16:39 - 11:25:26	gap at MA
28/11/05	55460	12:33:02 - 12:42:41	gap at BE
28/11/05	55461	14:09:49 - 14:23:14	gap at BE
28/11/05	55462	15:52:36 - 16:00:37	gap at BE
28/11/05	55462	16:55:12 - 17:07:44	gap at MM
28/11/05	55462	16:21:53 - 16:34:59	gap at MI
28/11/05	55463	18:34:20 - 18:46:55	gap at MM
28/11/05	55464	20:13:37 - 20:26:21	gap at MM
28/11/05	55464	19:16:24 - 19:24:43	gap at MA
28/11/05	55465	21:53:27 - 22:06:03	gap at MM
28/11/05	55466	23:34:10 - 23:45:59	gap at MM
28/11/05	55454	02:32:00 - 02:34:47	gap at MI
29/11/05	55467	01:15:57 - 01:26:09	gap at MM
29/11/05	55468	02:22:10 - 02:34:58	gap at BE
29/11/05	55468	02:58:43 - 03:06:37	gap at MM
29/11/05	55469	04:01:44 - 04:13:48	gap at BE
29/11/05	55469	04:41:46 - 04:47:44	gap at MM
29/11/05	55471	08:04:42 - 08:13:15	gap at MM
29/11/05	55472	09:45:04 - 09:55:47	gap at MM

29/11/05	55472	08:56:27 - 09:09:52	gap at KS
29/11/05	55473	11:25:10 - 11:37:16	gap at MM
29/11/05	55473	10:44:09 - 10:55:39	gap at MA
29/11/05	55473	10:49:36 - 11:01:31	gap at MS
29/11/05	55474	12:04:15 - 12:10:06	gap at BE
29/11/05	55474	13:05:02 - 13:17:43	gap at MM
29/11/05	55474	12:28:44 - 12:40:58	gap at MS
29/11/05	55475	13:38:48 - 13:51:54	gap at BE
29/11/05	55475	14:44:40 - 14:57:22	gap at MM
29/11/05	55475	14:06:59 - 14:15:41	gap at GS
29/11/05	55476	15:19:22 - 15:30:37	gap at BE
29/11/05	55476	16:24:01 - 16:36:35	gap at MM
29/11/05	55476	15:50:36 - 16:03:57	gap at MI
29/11/05	55477	18:03:11 - 18:15:44	gap at MM
29/11/05	55477	17:31:58 - 17:39:59	gap at MI
29/11/05	55478	18:47:33 - 18:51:43	gap at MA
29/11/05	55478	19:03:02 - 19:16:21	gap at PS
29/11/05	55479	20:20:22 - 20:34:10	gap at MA
29/11/05	55481	23:54:12 - 00:00:16	gap at KS
29/11/05	55475	13:54:22 - 13:57:00	gap at KS
29/11/05	55472	09:15:55 - 09:18:03	gap at MA
30/11/05	55481	00:43:51 - 00:54:39	gap at MM
30/11/05	55481	23:54:12 - 00:00:16	gap at KS
30/11/05	55482	01:51:29 - 02:02:42	gap at BE
30/11/05	55482	02:26:21 - 02:35:00	gap at MM
30/11/05	55483	03:30:11 - 03:43:18	gap at BE
30/11/05	55483	04:09:26 - 04:15:51	gap at MM
30/11/05	55484	05:11:58 - 05:17:53	gap at BE
30/11/05	55484	05:51:54 - 05:57:50	gap at MM
30/11/05	55485	07:33:04 - 07:40:52	gap at MM
30/11/05	55485	06:45:47 - 06:54:26	gap at KS
30/11/05	55486	09:13:33 - 09:23:39	gap at MM
30/11/05	55486	08:33:56 - 08:46:05	gap at MA
30/11/05	55487	10:53:43 - 11:05:29	gap at MM
30/11/05	55488	11:55:05 - 11:59:33	gap at MA
30/11/05	55489	13:08:18 - 13:20:21	gap at BE
30/11/05	55490	14:02:12 - 16:48:12	GOME switch off (see unavailability ER2-UNA-2005 /026)
30/11/05	55491	17:32:02 - 17:44:33	gap at MM
30/11/05	55491	16:59:25 - 17:10:47	gap at MI
30/11/05	55493	20:50:37 - 21:03:21	gap at MM
30/11/05	55493	19:49:48 - 20:02:37	gap at MA
30/11/05	55495	23:20:51 - 23:29:22	gap at KS
30/11/05	55491	16:39:29 - 16:48:12	gap at KS
30/11/05	55492	19:11:18 - 19:23:49	gap at MM

Lamp Failures:

Date	reason	remark
28-29/10/05	Lamp Failure (no. 161- 168) Orbit 55016 -021	Lamp Failures set during al quarterly calibration sequences, voltage reached only a value of 180.
30/11/05	Lamp Failure (no. 169) Orbit 55492	Lamp Failure set, 18:27:00 – 18:28:42, voltage reached only a value of 180 V
30/11/05	Lamp Failure (no. 170) Orbit 55492	Lamp Failure set, 18:36:39 - 18:38:22, voltage reached only a value of 180 V

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
30/11/05	14:02:12 off 18:38:22 on	FPA 1: 273 FPA 2: 273 FPA 3: 273 FPA 4: 273

timeline interruptions: (operations in nadir static view):

Date	Orbit No.	Duration	remark
02/11/05	55093	21:30:17 - 21:30:29	GOME in Nadir Static View (see ER2-UNA 2005/024)
30/11/05	55492	18:24:52.590 - 18:25:12.090	GOME switch - off Gome in Nadir Static View (see ER2-UNA-2005/026)

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/11/05	55116 - 55132	~10:00 (04/11/05) - 14:30 (05/11/05)	Narrow Swath Timeline GMNNOT41 executed
14-15/11/05	55259 - 55273	~12:30 (14/11/05) - ~11:00 (15/11/05)	Narrow Swath Timeline GMNNOT41 executed
24-25/11/05	55404 - 55418	15:00 : (24/11/05) - ~14:00 (25/11/05)	Narrow Swath Timeline GMNNOT41 executed

others:

Date	Orbit No.	Duration	remark
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01/11/05	55076	17:02:07 - 17:02:08	corrupted product at KS anomalous values for most parameters
03/11/05	55095	00:28:10 - 00:28:12	corrupted product at MS anomalous values for most parameters
03/11/05	55101	11:00:28 - 11:00:29	corrupted product at FS anomalous values for most parameters
12/11/05	55224	00:53:07 - 00:53:09	corrupted product at GS anomalous values for most parameters
21/11/05	55362	16:40	Corrupted product at GS anomalous values for most parameters