

GOME Operations for February 2006

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

GOME Operations during February 2006

Date	Operations	remark
01/02/06	data available within visibility of groundstation	start of sun calibration: 10:28:06.063
02/02/06	data available within visibility of groundstation	start of sun calibration: 13:17:39.737
03/02/06	Gome switch off due to ATSR ICU Start: 07:48:03 Stop: 09:30:48 data available within visibility of groundstation	start of sun calibration: 11:05:16 (TST44 started at ~11:00 with warm detectors T=267K) no increase of intensity of PMD readouts due to scan mirror position at 261.8 deg start of sun calibration: 12:45:49 no increase of intensity of PMD readouts due to scan mirror position at 261.8 deg
04/02/06	data available within visibility of groundstation	start of sun calibration: 12:14:11.210
05/02/06	data available within visibility of groundstation	start of sun calibration: 11:42:31.712
06/02/06	data available within visibility of groundstation	start of sun calibration: 11:10:46.178
07/02/06	data available within visibility of groundstation	start of sun calibration: 10:39:00.640
08/02/06	data available within visibility of groundstation	start of sun calibration: 13:28:28.309
09/02/06	data available within visibility of groundstation	start of sun calibration: 12:56:48.768
10/02/06	data available within visibility of groundstation	start of sun calibration: 12:25:03.229
11/02/06	data available within visibility of groundstation	start of sun calibration: 11:53:23.687
12/02/06	data available within visibility of groundstation	start of sun calibration: 11:21:38.141
13/02/06	data available within visibility of groundstation	start of sun calibration: 10:49:52.602
14/02/06	data available within visibility of groundstation	start of sun calibration: 10:18:11.497
15/02/06	data available within visibility of groundstation	start of sun calibration: 13:07:39.168
16/02/06	data available within visibility of groundstation	start of sun calibration: 12:35:53.620
17/02/06	data available within visibility of groundstation	start of sun calibration: 12:04:14.090
18/02/06	data available within visibility of groundstation	start of sun calibration: 11:32:28.561
19/02/06	data available within visibility of groundstation	start of sun calibration: 11:00:43.030
20/02/06	data available within visibility of groundstation	start of sun calibration: 10:28:57.490
21/02/06	data available within visibility of groundstation	start of sun calibration: 13:18:25.155

22/02/06	Gome switch off due to ATSR ICU Start: 07:51.11 Stop: 11:11:51 data available within visibility of groundstation	(TST44 started at ~11:30) start of sun calibration: 12:46:41.923
23/02/06	data available within visibility of groundstation	start of sun calibration: 12:14:56.679
24/02/06	data available within visibility of groundstation	start of sun calibration: 15:04:24.680
25/02/06	data available within visibility of groundstation	start of sun calibration: 14:32:45.138
26/02/06	data available within visibility of groundstation	start of sun calibration: 14:00:59.597
27/02/06	data available within visibility of groundstation	start of sun calibration: 13:29:14.060
28/02/06	data available within visibility of groundstation	no solar calibration measurements performed due to the execution of an ERS-2 orbit manoeuvre

Anomalies:

single event upsets (SEU):

Date	Reason
03/02/06	GOME anomalous behaviour during orbits 56417-56421 ~9:30 – 15:32 - 3xNack flag set - scan mirror position set to 261.8 deg continuously - scan mirror current values high (64664 BU) - thermal environment (besides detectors) increased by about 10K went back to nominal after the execution of a Gome power cycle at 15:32:24

list of datagaps:

Date	Orbit No.	duration	reason
01/02/06	56383	01:04:16 – 01:14:42	gap at MM
01/02/06	56384	02:46:56 – 02:55:07	gap at MM
01/02/06	56385	03:50:14 – 04:02:46	gap at BE
01/02/06	56385	04:30:01 – 04:36:08	gap at MM
01/02/06	56388	09:33:36 – 09:44:06	gap at MM
01/02/06	56392	15:07:33 – 15:19:31	gap at BE
01/02/06	56392	16:12:41 – 16:25:15	gap at MM
01/02/06	56393	17:51:51 – 18:04:24	gap at MM
01/02/06	56394	19:31:02 – 19:43:42	gap at MM
01/02/06	56395	21:10:35 – 21:23:17	gap at MM
01/02/06	56396	22:50:53 – 23:03:08	gap at MM
01/02/06	56396	21:49:57 – 22:01:35	gap at MA
01/02/06	56383	00:18:02 – 00:19:32	gap at KS
01/02/06	56393	17:27:56 – 17:29:32	gap at MI
02/02/06	56397	00:32:12 – 00:43:12	gap at MM

02/02/06	56398	01:40:28 – 01:50:46	gap at BE
02/02/06	56398	02:14:35 – 02:23:31	gap at MM
02/02/06	56399	03:57:39 – 04:04:17	gap at MM
02/02/06	56400	04:59:59 – 05:07:35	gap at BE
02/02/06	56400	05:40:16 – 05:46:06	gap at MM
02/02/06	56401	07:21:33 – 07:29:05	gap at MM
02/02/06	56402	09:02:05 – 09:11:57	gap at MM
02/02/06	56402	08:22:51 – 08:34:14	gap at MA
02/02/06	56403	10:42:17 – 10:53:54	gap at MM
02/02/06	56404	12:22:16 – 12:34:47	gap at MM
02/02/06	56404	11:42:55 – 11:49:28	gap at MA
02/02/06	56405	12:57:21 – 13:08:49	gap at BE
02/02/06	56405	14:02:00 – 14:14:44	gap at MM
02/02/06	56406	14:35:34 – 14:48:41	gap at BE
02/02/06	56406	15:41:29 – 15:54:05	gap at MM
02/02/06	56408	18:59:50 – 19:12:28	gap at MM
02/02/06	56409	20:39:14 – 20:51:58	gap at MM
02/02/06	56409	19:38:48 – 19:50:55	gap at MA
02/02/06	56410	22:19:16 – 22:31:43	gap at MM
02/02/06	56410	21:17:25 – 21:30:39	gap at MA
02/02/06	56399	02:56:27 – 03:00:56	gap at MI
02/02/06	56407	16:54:03 – 16:59:53	gap at MI
03/02/06	56411	00:00:14 – 00:11:43	gap at MM
03/02/06	56412	01:11:03 – 01:16:51	gap at BE
03/02/06	56412	01:42:18 – 01:51:57	gap at MM
03/02/06	56413	03:25:14 – 03:32:32	gap at MM
03/02/06	56414	04:27:45 – 04:38:20	gap at BE
03/02/06	56415	06:49:50 – 06:56:40	gap at MM
03/02/06	56415	06:03:42 – 06:09:09	gap at KS
03/02/06	56416 -56417		GOME unavailable (see ER2-UNA-2006/009)
03/02/06	56419	12:27:42 - 12:36:50	gap at BE
03/02/06	56421	15:46:27 - 15:55:15	gap at BE
03/02/06	56421	16:49:32 - 17:02:04	gap at MM
03/02/06	56423	20:07:56 - 20:20:40	gap at MM
03/02/06	56423	19:11:09 - 19:18:51	gap at MA
03/02/06	56424	21:47:44 - 22:00:20	gap at MM
03/02/06	56424	20:45:44 - 20:59:26	gap at MA
03/02/06	56425	23:28:23 - 23:40:16	gap at MM
03/02/06	56425	22:29:42 - 22:37:10	gap at MA
03/02/06	56413	02:26:38 - 02:28:54	gap at MI
03/02/06	56420	14:38:51 - 14:46:28	gap at MI
03/02/06	56421	16:16:10 - 16:26:34	gap at MI
04/02/06	56426	01:10:07 - 01:20:25	gap at MM
04/02/06	56426	00:22:22 - 00:24:51	gap at KS
04/02/06	56427	02:52:50 - 03:00:52	gap at MM
04/02/06	56428	03:55:58 - 04:08:18	gap at BE
04/02/06	56430	07:58:57 - 08:07:22	gap at MM
04/02/06	56431	08:59:58 - 09:12:24	gap at MA

04/02/06	56435	15:13:27 - 15:25:05	gap at BE
04/02/06	56435	16:18:21 - 16:30:55	gap at MM
04/02/06	56436	17:25:57 - 17:34:48	gap at MI
04/02/06	56438	20:14:47 - 20:28:33	gap at MA
04/02/06	56439	22:56:39 - 23:08:50	gap at MM
04/02/06	56439	21:55:51 - 22:07:08	gap at MA
01/02/06-13/02/06			Few products from MM due to antenna maintenance and test
05/02/06	56441	01:45:57 - 01:56:45	gap at BE
05/02/06	56443	05:05:57 - 05:12:46	gap at BE
05/02/06	56444	07:27:19 - 07:34:58	gap at MM
05/02/06	56447	11:48:56 - 11:54:34	gap at MA
05/02/06	56448	13:02:49 - 13:14:36	gap at BE
05/02/06	56448	14:07:42 - 14:20:25	gap at MM
05/02/06	56449	14:41:20 - 14:54:19	gap at BE
05/02/06	56449	15:47:09 - 15:59:45	gap at MM
05/02/06	56452	20:44:55 - 20:57:39	gap at MM
05/02/06	56452	19:44:18 - 19:56:44	gap at MA
05/02/06	56453	22:25:00 - 22:37:26	gap at MM
05/02/06	56453	21:23:11 - 21:36:21	gap at MA
06/02/06	56457	04:33:34 - 04:43:43	gap at BE
06/02/06	56457	05:14:00 - 05:19:47	gap at MM
06/02/06	56461	11:16:39 - 11:25:26	gap at MA
06/02/06	56462	12:33:02 - 12:42:41	gap at BE
06/02/06	56464	15:52:36 - 16:00:37	gap at BE
06/02/06	56465	18:34:20 - 18:46:55	gap at MM
06/02/06	56466	20:13:37 - 20:26:21	gap at MM
06/02/06	56466	19:16:24 - 19:24:43	gap at MA
06/02/06	56467	21:53:27 - 22:06:03	gap at MM
06/02/06	56468	23:34:10 - 23:45:59	gap at MM
06/02/06	56468	22:35:59 - 22:42:28	gap at MA
06/02/06	56468	22:42:02 - 22:52:35	gap at KS
06/02/06	56459	08:00:18 - 08:07:05	gap at MA
06/02/06	56456	02:32:02 - 02:34:47	gap at MI
07/02/06	56469	01:15:57 - 01:26:09	gap at MM
07/02/06	56470	02:58:43 - 03:06:37	gap at MM
07/02/06	56470	01:54:59 - 02:01:59	gap at MI
07/02/06	56471	04:01:44 - 04:13:48	gap at BE
07/02/06	56475	11:25:10 - 11:37:16	gap at MM
07/02/06	56475	10:44:09 - 10:55:39	gap at MA
07/02/06	56476	12:04:15 - 12:10:06	gap at BE
07/02/06	56476	13:05:02 - 13:17:43	gap at MM
07/02/06	56477	14:44:40 - 14:57:22	gap at MM
07/02/06	56478	15:19:22 - 15:30:37	gap at BE
07/02/06	56478	16:24:01 - 16:36:35	gap at MM
07/02/06	56479	18:03:11 - 18:15:44	gap at MM
07/02/06	56479	17:31:58 - 17:39:59	gap at MI
07/02/06	56480	19:42:23 - 19:55:04	gap at MM
07/02/06	56480	18:47:33 - 18:51:43	gap at MA

07/02/06	56481	21:22:00 - 21:34:41	gap at MM
07/02/06	56481	20:20:22 - 20:34:10	gap at MA
07/02/06	56482	23:02:24 - 23:14:33	gap at MM
07/02/06	56477	13:54:22 - 13:57:21	gap at KS
07/02/06	56470	01:56:38 - 01:59:47	gap at GS
08/02/06	56483	00:43:51 - 00:54:39	gap at MM
08/02/06	56484	01:51:29 - 02:02:42	gap at BE
08/02/06	56484	02:26:21 - 02:35:00	gap at MM
08/02/06	56485	03:30:11 - 03:43:18	gap at BE
08/02/06	56485	04:09:26 - 04:15:51	gap at MM
08/02/06	56486	05:11:58 - 05:17:53	gap at BE
08/02/06	56489	10:53:43 - 11:05:29	gap at MM
08/02/06	56490	12:33:41 - 12:46:15	gap at MM
08/02/06	56490	11:55:05 - 11:59:33	gap at MA
08/02/06	56491	13:08:18 - 13:20:21	gap at BE
08/02/06	56491	14:13:23 - 14:26:07	gap at MM
08/02/06	56492	14:47:07 - 14:59:56	gap at BE
08/02/06	56494	19:11:10 - 19:23:49	gap at MM
08/02/06	56494	18:31:41 - 18:45:31	gap at PS
08/02/06	56495	20:50:37 - 21:03:21	gap at MM
08/02/06	56495	19:49:48 - 20:02:37	gap at MA
08/02/06	56496	22:30:45 - 22:43:08	gap at MM
08/02/06	56488	08:40:50 - 08:46:05	gap at MA
08/02/06	56492	15:31:02 - 15:32:16	gap at MI
09/02/06	56497	00:11:51 - 00:23:10	gap at MM
09/02/06	56498	01:21:30 - 01:29:27	gap at BE
09/02/06	56498	01:54:02 - 02:03:25	gap at MM
09/02/06	56499	02:58:52 - 03:12:17	gap at BE
09/02/06	56499	03:37:02 - 03:44:04	gap at MM
09/02/06	56500	04:39:23 - 04:49:05	gap at BE
09/02/06	56504	11:22:31 - 11:30:54	gap at MA
09/02/06	56505	12:38:23 - 12:48:31	gap at BE
09/02/06	56507	15:58:50 - 16:05:54	gap at BE
09/02/06	56508	18:40:00 - 18:52:36	gap at MM
09/02/06	56509	20:19:19 - 20:32:02	gap at MM
09/02/06	56509	19:21:42 - 19:30:34	gap at MA
09/02/06	56510	21:59:11 - 22:11:45	gap at MM
09/02/06	56511	23:39:58 - 23:51:42	gap at MM
09/02/06	56511	22:42:26 - 22:47:40	gap at MA
09/02/06	56500	04:13:49 - 04:17:11	gap at GS
09/02/06	56500	04:17:17 - 04:25:30	gap at GS
10/02/06	56512	01:21:48 - 01:31:53	gap at MM
10/02/06	56513	03:04:37 - 03:12:22	gap at MM
10/02/06	56514	04:07:29 - 04:19:17	gap at BE
10/02/06	56514	04:47:38 - 04:53:33	gap at MM
10/02/06	56518	11:30:53 - 11:43:02	gap at MM
10/02/06	56518	10:49:55 - 11:01:07	gap at MA
10/02/06	56519	12:09:21 - 12:16:07	gap at BE
10/02/06	56520	14:50:21 - 15:03:03	gap at MM

10/02/06	56521	15:25:19 - 15:36:09	gap at BE
10/02/06	56521	16:29:42 - 16:42:15	gap at MM
10/02/06	56522	18:08:51 - 18:21:24	gap at MM
10/02/06	56522	17:38:02 - 17:45:06	gap at MI
10/02/06	56523	19:48:03 - 20:00:45	gap at MM
10/02/06	56523	18:53:07 - 18:57:26	gap at MA
10/02/06	56524	21:27:43 - 21:40:23	gap at MM
10/02/06	56524	20:25:59 - 20:39:45	gap at MA
10/02/06	56525	23:08:10 - 23:20:16	gap at MM
10/02/06	56520	14:22:35 - 14:25:08	gap at MI
10/02/06	56513	02:27:47 - 02:33:56	gap at BE
11/02/06	56526	00:49:41 - 01:00:22	gap at MM
11/02/06	56527	02:32:14 - 02:40:45	gap at MM
11/02/06	56528	04:15:19 - 04:21:38	gap at MM
11/02/06	56530	07:38:49 - 07:46:45	gap at MM
11/02/06	56534	13:13:48 - 13:26:07	gap at BE
11/02/06	56535	14:52:56 - 15:05:33	gap at BE
11/02/06	56535	15:25:19 - 15:38:04	gap at MI
11/02/06	56539	21:34:46 - 21:47:38	gap at MA
11/02/06	56526	00:04:02 - 00:05:49	gap at KS
11/02/06	56536	17:05:16 - 17:09:16	gap at MI
12/02/06	56541	01:26:52 - 01:35:37	gap at BE
12/02/06	56541	01:59:54 - 02:09:10	gap at MM
12/02/06	56542	03:04:32 - 03:17:57	gap at BE
12/02/06	56543	04:45:15 - 04:54:25	gap at BE
12/02/06	56542	03:42:55 - 03:49:50	gap at MM
12/02/06	56544	07:07:09 - 07:14:21	gap at MM
12/02/06	56546	10:27:59 - 10:39:24	gap at MM
12/02/06	56547	12:08:00 - 12:20:26	gap at MM
12/02/06	56547	11:28:24 - 11:36:24	gap at MA
12/02/06	56549	14:21:13 - 14:34:34	gap at BE
12/02/06	56550	16:05:11 - 16:11:05	gap at BE
12/02/06	56552	19:27:03 - 19:36:24	gap at MA
12/02/06	56553	22:04:55 - 22:17:27	gap at MM
12/02/06	56553	21:03:00 - 21:16:26	gap at MA
12/02/06	56554	23:45:45 - 23:57:25	gap at MM
12/02/06	56550	16:41:16 - 16:46:06	gap at MI
13/02/06	56555	01:27:40 - 01:37:37	gap at MM
13/02/06	56557	04:13:16 - 04:24:45	gap at BE
13/02/06	56558	05:49:59 - 05:52:29	gap at KS
13/02/06	56562	12:14:32 - 12:22:05	gap at BE
13/02/06	56564	15:31:18 - 15:41:39	gap at BE
13/02/06	56565	18:14:30 - 18:27:04	gap at MM
13/02/06	56566	19:53:44 - 20:06:26	gap at MM
13/02/06	56566	18:58:20 - 19:03:08	gap at MA
13/02/06	56567	20:31:36 - 20:45:19	gap at MA
13/02/06	56557	03:49:38 - 03:55:06	gap at MI
13/02/06	56563	14:28:35 - 14:31:50	gap at MI
14/02/06	56570	02:02:35 - 02:14:31	gap at BE

14/02/06	56574	09:25:01 - 09:35:21	gap at MM
14/02/06	56577	13:19:20 - 13:31:51	gap at BE
14/02/06	56578	14:58:46 - 15:11:09	gap at BE
14/02/06	56580	19:22:31 - 19:35:11	gap at MM
14/02/06	56581	21:02:01 - 21:14:44	gap at MM
14/02/06	56581	20:00:52 - 20:14:14	gap at MA
14/02/06	56569	00:09:37 - 00:11:21	gap at KS
15/02/06	56584	01:32:16 - 01:41:43	gap at BE
15/02/06	56586	04:51:07 - 04:59:43	gap at BE
15/02/06	56588	08:53:29 - 09:03:10	gap at MM
15/02/06	56590	11:34:12 - 11:41:40	gap at MA
15/02/06	56591	12:49:11 - 13:00:08	gap at BE
15/02/06	56592	14:26:56 - 14:40:13	gap at BE
15/02/06	56594	18:51:20 - 19:03:57	gap at MM
15/02/06	56595	20:30:41 - 20:43:25	gap at MM
15/02/06	56595	19:30:36 - 19:42:13	gap at MA
16/02/06	56599	02:39:03 - 02:52:17	gap at BE
16/02/06	56600	04:19:03 - 04:30:12	gap at BE
16/02/06	56601	05:55:25 - 05:59:51	gap at KS
16/02/06	56605	12:19:46 - 12:28:01	gap at BE
16/02/06	56606	15:01:43 - 15:14:24	gap at MM
16/02/06	56607	15:37:19 - 15:47:07	gap at BE
16/02/06	56609	19:59:25 - 20:12:08	gap at MM
16/02/06	56609	19:03:23 - 19:08:50	gap at MA
16/02/06	56611	22:20:27 - 22:29:05	gap at MA
17/02/06	56612	01:01:21 - 01:11:50	gap at MM
17/02/06	56620	14:30:27 - 14:43:10	gap at MM
17/02/06	56621	15:04:37 - 15:16:44	gap at BE
17/02/06	56624	21:07:44 - 21:20:26	gap at MM
17/02/06	56625	22:48:00 - 23:00:16	gap at MM
17/02/06	56612	00:15:12 - 00:16:50	gap at KS
17/02/06	56614	03:47:22 - 03:50:12	gap at BE
18/02/06	56626	00:29:17 - 00:40:20	gap at MM
18/02/06	56627	01:37:43 - 01:47:46	gap at BE
18/02/06	56627	02:11:39 - 02:20:39	gap at MM
18/02/06	56628	03:54:42 - 04:01:23	gap at MM
18/02/06	56629	04:57:01 - 05:04:59	gap at BE
18/02/06	56633	11:40:00 - 11:46:53	gap at MA
18/02/06	56634	12:54:37 - 13:05:56	gap at BE
18/02/06	56634	13:59:09 - 14:11:53	gap at MM
18/02/06	56635	14:32:41 - 14:45:52	gap at BE
18/02/06	56638	20:36:23 - 20:49:07	gap at MM
18/02/06	56638	19:36:04 - 19:48:01	gap at MA
18/02/06	56639	21:14:32 - 21:27:47	gap at MA
18/02/06	56628	02:53:46 - 02:58:02	gap at MI
18/02/06	56629	04:33:44 - 04:36:54	gap at MI
19/02/06	56642	03:22:17 - 03:29:39	gap at MM
19/02/06	56643	05:05:13 - 05:11:01	gap at MM
19/02/06	56644	06:00:56 - 06:06:04	gap at KS

19/02/06	56647	11:48:01 - 12:00:19	gap at MM
19/02/06	56648	12:25:03 - 12:33:54	gap at BE
19/02/06	56648	13:27:50 - 13:40:33	gap at MM
19/02/06	56650	15:43:23 - 15:52:33	gap at BE
19/02/06	56651	17:57:47 - 17:58:53	gap at MI
19/02/06	56652	19:08:33 - 19:15:54	gap at MA
19/02/06	56653	20:42:54 - 20:56:36	gap at MA
19/02/06	56654	23:25:30 - 23:37:25	gap at MM
19/02/06	56654	22:26:36 - 22:34:29	gap at MA
20/02/06	56655	00:19:08 - 00:22:13	gap at KS
20/02/06	56656	01:47:35 - 01:52:38	gap at MI
20/02/06	56659	07:56:05 - 08:04:25	gap at MM
20/02/06	56660	09:36:28 - 09:47:02	gap at MM
20/02/06	56661	11:16:35 - 11:28:37	gap at MM
20/02/06	56662	12:56:29 - 13:09:09	gap at MM
20/02/06	56663	14:36:08 - 14:48:51	gap at MM
20/02/06	56664	15:10:30 - 15:22:18	gap at BE
20/02/06	56664	16:15:31 - 16:28:05	gap at MM
20/02/06	56665	17:54:41 - 18:07:14	gap at MM
20/02/06	56666	19:33:52 - 19:46:33	gap at MM
20/02/06	56667	21:13:26 - 21:26:08	gap at MM
20/02/06	56667	20:11:59 - 20:25:42	gap at MA
20/02/06	56668	22:53:46 - 23:05:59	gap at MM
20/02/06	56668	21:52:54 - 22:04:22	gap at MA
21/02/06	56669	00:35:07 - 00:46:04	gap at MM
21/02/06	56670	01:43:12 - 01:53:46	gap at BE
21/02/06	56670	02:17:31 - 02:26:23	gap at MM
21/02/06	56671	03:21:37 - 03:34:53	gap at BE
21/02/06	56671	04:00:36 - 04:07:10	gap at MM
21/02/06	56672	05:02:57 - 05:10:11	gap at BE
21/02/06	56676	11:45:54 - 11:52:02	gap at MA
21/02/06	56677	13:00:05 - 13:11:42	gap at BE
21/02/06	56678	14:38:27 - 14:51:30	gap at BE
21/02/06	56680	19:02:40 - 19:15:18	gap at MM
21/02/06	56681	20:42:04 - 20:54:48	gap at MM
21/02/06	56681	19:41:33 - 19:53:48	gap at MA
21/02/06	56682	22:22:08 - 22:34:35	gap at MM
22/02/06	56683	00:03:08 - 00:14:35	gap at MM
22/02/06	56684	01:13:37 - 01:20:03	gap at BE
22/02/06	56684	01:45:14 - 01:54:49	gap at MM
22/02/06	56685	03:28:11 - 03:35:25	gap at MM
22/02/06	56687	06:06:28 - 06:12:13	gap at KS
22/02/06	56688 – 56690	07:51:11 – 11:11:51	GOME switch off (see unavailability ER2-UNA-2006 /010)
22/02/06	56690	11:53:43 - 12:06:04	gap at MM
22/02/06	56691	12:30:22 - 12:39:46	gap at BE
22/02/06	56691	13:33:32 - 13:46:15	gap at MM
22/02/06	56692	15:13:05 - 15:25:44	gap at MM

22/02/06	56693	15:49:31 - 15:57:56	gap at BE
22/02/06	56693	16:52:22 - 17:04:54	gap at MM
22/02/06	56694	18:31:30 - 18:44:05	gap at MM
22/02/06	56695	20:10:47 - 20:23:30	gap at MM
22/02/06	56695	19:13:16 - 19:21:17	gap at MA
22/02/06	56696	21:50:36 - 22:03:12	gap at MM
22/02/06	56697	23:31:17 - 23:43:08	gap at MM
22/02/06	56697	22:32:49 - 22:39:50	gap at MA
22/02/06	56686	04:07:04 - 04:11:57	gap at MI
22/02/06	56692	14:13:18 - 14:20:23	gap at BE
23/02/06	56698	01:13:02 - 01:23:17	gap at MM
23/02/06	56699	02:55:46 - 03:03:45	gap at MM
23/02/06	56702	08:01:49 - 08:10:18	gap at MM
23/02/06	56705	12:01:44 - 12:07:03	gap at BE
23/02/06	56707	15:16:24 - 15:27:51	gap at BE
23/02/06	56708	17:28:57 - 17:37:24	gap at MI
23/02/06	56709	19:39:32 - 19:52:14	gap at MM
23/02/06	56709	18:44:46 - 18:48:51	gap at MA
23/02/06	56711	21:58:48 - 22:09:54	gap at MA
23/02/06	56689	00:26:19 - 00:27:23	gap at KS
23/02/06	56712	23:34:58 - 23:36:00	gap at MS
24/02/06	56713	01:48:43 - 01:59:44	gap at BE
24/02/06	56715	05:08:57 - 05:15:20	gap at BE
24/02/06	56717	08:31:07 - 08:43:08	gap at MA
24/02/06	56719	11:51:59 - 11:57:05	gap at MA
24/02/06	56720	13:05:33 - 13:17:29	gap at BE
24/02/06	56721	14:44:14 - 14:57:07	gap at BE
24/02/06	56724	20:47:46 - 21:00:30	gap at MM
24/02/06	56724	19:47:03 - 19:59:41	gap at MA
24/02/06	56725	22:27:52 - 22:40:17	gap at MM
24/02/06	56725	21:26:04 - 21:39:12	gap at MA
24/02/06	56718	10:09:59 - 10:11:06	gap at MA
24/02/06	56721	15:20:47 - 15:29:21	gap at MI
25/02/06	56728	02:56:02 - 03:09:26	gap at BE
25/02/06	56729	04:36:28 - 04:46:25	gap at BE
25/02/06	56733	11:19:35 - 11:28:08	gap at MA
25/02/06	56734	12:35:42 - 12:45:36	gap at BE
25/02/06	56736	15:55:42 - 16:03:16	gap at BE
25/02/06	56736	16:24:45 - 16:37:46	gap at MI
25/02/06	56738	19:19:03 - 19:27:39	gap at MA
25/02/06	56740	22:39:11 - 22:45:05	gap at MA
25/02/06	56731	08:03:11 - 08:10:09	gap at MA
20/02/06 – 22/06 /02	56659 - 56697		Few products from MM due to antenna maintenance and test
26/02/06	56743	03:33:16 - 03:46:38	gap at MI
26/02/06	56744	05:18:28 - 05:21:00	gap at MI
26/02/06	56748	12:06:48 - 12:13:07	gap at BE
26/02/06	56750	15:22:20 - 15:33:23	gap at BE
26/02/06	56751	18:06:01 - 18:18:34	gap at MM

26/02/06	56752	18:50:20 - 18:54:34	gap at MA
26/02/06	56753	21:24:51 - 21:37:32	gap at MM
26/02/06	56753	20:23:10 - 20:36:57	gap at MA
26/02/06	56754	23:05:17 - 23:17:25	gap at MM
26/02/06	56749	14:19:29 - 14:21:27	gap at MI
26/02/06	56743	04:04:36 - 04:08:18	gap at BE
27/02/06	56757	04:12:22 - 04:18:44	gap at MM
27/02/06	56758	05:15:01 - 05:20:24	gap at BE
27/02/06	56760	09:16:25 - 09:26:35	gap at MM
27/02/06	56763	13:11:03 - 13:23:14	gap at BE
27/02/06	56764	14:50:02 - 15:02:44	gap at BE
27/02/06	56764	15:55:40 - 16:08:15	gap at MM
27/02/06	56765	17:34:52 - 17:47:23	gap at MM
27/02/06	56766	19:14:01 - 19:26:40	gap at MM
27/02/06	56767	20:53:28 - 21:06:12	gap at MM
27/02/06	56767	19:52:34 - 20:05:33	gap at MA
27/02/06	56764	15:33:20 - 15:35:10	gap at MI
28/02/06	56770	01:24:10 - 01:32:33	gap at BE
28/02/06	56771	03:01:42 - 03:15:07	gap at BE
28/02/06	56772	04:42:19 - 04:51:45	gap at BE
28/02/06	56776	11:25:28 - 11:33:40	gap at MA
28/02/06	56777	12:41:05 - 12:51:26	gap at BE
28/02/06	56779	16:02:00 - 16:08:31	gap at BE
28/02/06	56781	19:24:22 - 19:33:29	gap at MA
28/02/06	56782	22:02:03 - 22:14:36	gap at MM
28/02/06	56782	21:00:04 - 21:13:37	gap at MA
28/02/06	56783	23:42:51 - 23:54:34	gap at MM
28/02/06	56783	22:45:40 - 22:50:12	gap at MA
28/02/06	56772	04:18:56 - 04:23:06	gap at MI

Lamp Failures:

Date	Reason	remark
22/02/06	Lamp Failure (no. 182) Orbit 56690	Lamp Failure set, start 12:50:55.446 – stop 12:52:35.958, (voltage dropped down to a value of about 178V after a few seconds - nominal value is ca. 198V)

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
03/02/06	07:48:03 off 11:11:13 on	FPA 1: 266.9
		FPA 2: 267.4
		FPA 3: 267.1
		FPA 4: 267.6
22/02/06	07:51:11 off 12:52:37 on	FPA 1: 281.5
		FPA 2: 281.5
		FPA 3: 281.5
		FPA 4: 281.5

timeline interruptions: (operations in nadir static view):

Date	Orbit No.	Duration	Remark
28/02/06	56780	17:50:18 - 17:51:31	GOME in Nadir Static View (see ER2-UNA 2006/011) due to Emergency Switch down of AMI to Standby due to RBI Status Error

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/02/06	56434 – 56447	13:30 (04/02/06) – 11:30 (05/02/06)	Narrow Swath Timeline GMNNOT41 executed
14-15/02/06	56576 – 56591	12:00 (14/02/06) – 13:00 (15/02/06)	Narrow Swath Timeline GMNNOT41 executed
24-25/02/06	56722 – 56735	16:30 (24/02/06) – ~14:00 (25/02/06)	Narrow Swath Timeline GMNNOT41 executed

others:

Date	Orbit No.	Duration	remark
03/02/06	56418	start cannot be given due to data availability only during ground station visibility - 11:01:34	Lamp Calibration sequence without lamp failure, without lamp instability
03/02/06	56418	11:09:14 - 11:11:13	Lamp Calibration sequence without lamp failure, without lamp instability
08/02/06	56489	11:04:39	Corrupted products at HL few parameter out of range
15/02/06	56583	00:23:28 - 00:34:37	Corrupted products at MM few parameter out of range
17/02/06	56622	17:10:18 - 17:22:39	Corrupted products at GS few parameter out of range
21/02/06	56675	10:45:09 – 10:56:48	Corrupted products at MM few parameter out of range
22/02/06	56690 - 56693	11:10:12 - 16:05:38	MM products with padded frames (Frame 20), science data channel4 not used
23/02/06	56700 - 56711	01:13:02 - 23:11:42	MM products with padded frames (Frame 20), science data channel4 not used
24/02/06	56712 - 56723	00:40:56 - 19:20:59	MM products with padded frames (Frame 20), science data channel4 not used
25/02/06	56727 – 56731	01:51:05 - 08:48:30	MM products with padded frames (Frame 20), science data channel4 not used
27/02/06	56759	07:35:57 - 07:43:49	Corrupted products at MM few parameter out of range

