

GOME Operations for December 2006

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

GOME Operations during December 2006

Date	Operations	remark
01/12/06	data available within visibility of groundstation	start of sun calibration: 11:47:10.829
02/12/06	data available within visibility of groundstation	start of sun calibration: 11:15:37.327
03/12/06	data available within visibility of groundstation	start of sun calibration: 10:44:03.862
04/12/06	data available within visibility of groundstation	start of sun calibration: 10:12:26.735
05/12/06	data available within visibility of groundstation	start of sun calibration: 13:02:06.507
06/12/06	data available within visibility of groundstation	start of sun calibration: 12:23:27.018
07/12/06	data available within visibility of groundstation	start of sun calibration: 11:58:53.607
08/12/06	data available within visibility of groundstation	start of sun calibration: 11:27:20.162
09/12/06	data available within visibility of groundstation	start of sun calibration: 10:55:46.969
10/12/06	data available within visibility of groundstation	start of sun calibration: 10:24:13.235
11/12/06	data available within visibility of groundstation	start of sun calibration: 13:13:47.004
12/12/06	data available within visibility of groundstation	start of sun calibration: 12:42:13.563
13/12/06	data available within visibility of groundstation	start of sun calibration: 12:10:34.113
14/12/06	data available within visibility of groundstation	start of sun calibration: 11:39:01.008
15/12/06	data available within visibility of groundstation	start of sun calibration: 11:07:21.563
16/12/06	data available within visibility of groundstation	start of sun calibration: 10:35:48.106
17/12/06	data available within visibility of groundstation	no solar calibration available
18/12/06	data available within visibility of groundstation	start of sun calibration: 12:53:48.418
19/12/06	data available within visibility of groundstation	start of sun calibration: 12:22:08.954
20/12/06	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
21/12/06	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
22/12/06	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 10:48:46.600 - 10:51:13.616

23/12/06	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 10:18:35.651 - 10:19:38.655
24/12/06	SEU data available within visibility of groundstation	no solar calibration data available
25/12/06	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
26/12/06	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
27/12/06	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
28/12/06	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
29/12/06	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
30/12/06	data available within visibility of groundstation	no solar calibration data available due to missing KS data
31/12/06	data available within visibility of groundstation	no solar calibration data available due to missing KS data

Anomalies:

single event upsets (SEU):

Date	Reason
24-29/12/06	GOME anomalous behavior during orbits 61057 – 61130, ~12:30 (24/12/06) – 14:53 (29/12/06) - 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, data of day 29/12/2006, 14:53, orbit 61130 are nominal again

list of datagaps:

Date	Orbit No.	duration	reason
01/12/06	60720	00:40:56 - 00:51:47	gap at MM
01/12/06	60721	01:48:43 - 01:59:44	gap at BE
01/12/06	60722	03:27:20 - 03:40:30	gap at BE
01/12/06	60723	05:08:57 - 05:15:20	gap at BE
01/12/06	60723	05:49:00 - 05:54:54	gap at MM
01/12/06	60724	07:30:12 - 07:37:55	gap at MM
01/12/06	60725	09:10:41 - 09:20:44	gap at MM
01/12/06	60727	11:51:59 - 11:57:05	gap at MA

01/12/06	60728	13:05:33 - 13:17:29	gap at BE
01/12/06	60728	14:10:32 - 14:23:16	gap at MM
01/12/06	60729	14:44:14 - 14:57:07	gap at BE
01/12/06	60729	15:16:58 - 15:29:21	gap at MI
01/12/06	60732	19:47:03 - 19:59:41	gap at MA
01/12/06	60733	22:27:52 - 22:40:17	gap at MM
02/12/06	60734	00:08:57 - 00:20:18	gap at MM
02/12/06	60735	01:18:51 - 01:26:21	gap at BE
02/12/06	60737	04:36:28 - 04:46:25	gap at BE
02/12/06	60737	05:16:55 - 05:22:42	gap at MM
02/12/06	60738	06:58:30 - 07:05:30	gap at MM
02/12/06	60739	08:39:09 - 08:48:30	gap at MM
02/12/06	60741	11:19:35 - 11:28:08	gap at MA
02/12/06	60742	12:35:42 - 12:45:36	gap at BE
02/12/06	60742	13:39:14 - 13:51:57	gap at MM
02/12/06	60743	14:12:39 - 14:26:04	gap at BE
02/12/06	60743	14:46:51 - 14:56:43	gap at MI
02/12/06	60744	15:55:42 - 16:03:16	gap at BE
02/12/06	60744	16:24:45 - 16:37:46	gap at MI
02/12/06	60746	19:19:03 - 19:27:39	gap at MA
02/12/06	60747	21:56:19 - 22:08:54	gap at MM
02/12/06	60748	23:37:04 - 23:48:51	gap at MM
02/12/06	60739	08:09:09 - 08:10:09	gap at MA
03/12/06	60751	04:04:36 - 04:16:33	gap at BE
03/12/06	60752	06:26:43 - 06:33:06	gap at MM
03/12/06	60753	08:07:34 - 08:16:11	gap at MM
03/12/06	60756	12:06:48 - 12:13:07	gap at BE
03/12/06	60757	13:41:36 - 13:54:46	gap at BE
03/12/06	60758	15:22:20 - 15:33:23	gap at BE
03/12/06	60758	15:53:25 - 16:06:47	gap at MI
03/12/06	60759	17:34:59 - 17:42:34	gap at MI
03/12/06	60760	19:45:13 - 19:57:55	gap at MM
03/12/06	60760	18:50:20 - 18:54:34	gap at MA
03/12/06	60761	21:24:51 - 21:37:32	gap at MM
03/12/06	60761	20:23:10 - 20:36:57	gap at MA
04/12/06	60764	01:54:15 - 02:05:40	gap at BE
04/12/06	60764	02:29:17 - 02:37:52	gap at MM
04/12/06	60765	03:33:02 - 03:46:05	gap at BE
04/12/06	60765	04:12:22 - 04:18:44	gap at MM
04/12/06	60766	05:15:01 - 05:20:24	gap at BE
04/12/06	60766	05:54:49 - 06:00:46	gap at MM
04/12/06	60770	12:36:32 - 12:49:07	gap at MM
04/12/06	60771	13:11:03 - 13:23:14	gap at BE
04/12/06	60771	14:16:14 - 14:28:57	gap at MM
04/12/06	60772	14:50:02 - 15:02:44	gap at BE
04/12/06	60773	17:02:20 - 17:13:29	gap at MI
04/12/06	60774	19:14:01 - 19:26:40	gap at MM
04/12/06	60775	20:53:28 - 21:06:12	gap at MM
04/12/06	60775	19:52:34 - 20:05:33	gap at MA

05/12/06	60778	01:24:10 - 01:32:33	gap at BE
05/12/06	60779	03:39:58 - 03:46:57	gap at MM
05/12/06	60780	04:42:19 - 04:51:45	gap at BE
05/12/06	60780	05:22:46 - 05:28:32	gap at MM
05/12/06	60784	12:05:08 - 12:17:34	gap at MM
05/12/06	60784	11:25:28 - 11:33:40	gap at MA
05/12/06	60785	12:41:05 - 12:51:26	gap at BE
05/12/06	60785	13:44:55 - 13:57:39	gap at MM
05/12/06	60786	15:24:27 - 15:37:05	gap at MM
05/12/06	60787	16:02:00 - 16:08:31	gap at BE
05/12/06	60787	17:03:42 - 17:16:14	gap at MM
05/12/06	60788	18:42:50 - 18:55:26	gap at MM
05/12/06	60788	17:49:27 - 18:02:33	gap at KS
05/12/06	60789	20:22:09 - 20:34:53	gap at MM
05/12/06	60789	19:24:22 - 19:33:29	gap at MA
05/12/06	60790	22:02:03 - 22:14:36	gap at MM
05/12/06	60790	21:00:04 - 21:13:37	gap at MA
05/12/06	60791	23:42:51 - 23:54:34	gap at MM
06/12/06	60793	03:07:33 - 03:15:15	gap at MM
06/12/06	60794	04:50:34 - 04:56:28	gap at MM
06/12/06	60796	08:13:19 - 08:22:04	gap at MM
06/12/06	60797	09:53:39 - 10:04:31	gap at MM
06/12/06	60798	11:33:44 - 11:45:55	gap at MM
06/12/06	60799	12:11:56 - 12:19:07	gap at BE
06/12/06	60799	13:13:35 - 13:26:17	gap at MM
06/12/06	60800	13:47:13 - 14:00:28	gap at BE
06/12/06	60800	14:23:33 - 14:28:32	gap at MI
06/12/06	60801	15:28:18 - 15:38:54	gap at BE
06/12/06	60801	16:32:32 - 16:45:04	gap at MM
06/12/06	60801	15:59:05 - 16:12:28	gap at MI
06/12/06	60802	18:11:41 - 18:24:14	gap at MM
06/12/06	60802	17:41:07 - 17:47:37	gap at MI
06/12/06	60803	18:55:53 - 19:00:17	gap at MA
06/12/06	60804	20:28:47 - 20:42:32	gap at MA
07/12/06	60807	02:35:10 - 02:43:37	gap at MM
07/12/06	60808	03:38:46 - 03:51:40	gap at BE
07/12/06	60808	04:18:15 - 04:24:32	gap at MM
07/12/06	60812	11:02:18 - 11:14:10	gap at MM
07/12/06	60813	12:42:14 - 12:54:50	gap at MM
07/12/06	60814	13:16:34 - 13:28:59	gap at BE
07/12/06	60815	14:55:51 - 15:08:21	gap at BE
07/12/06	60816	17:40:31 - 17:53:03	gap at MM
07/12/06	60819	21:37:41 - 21:50:26	gap at MA
07/12/06	60816	16:49:38 - 17:00:17	gap at KS
07/12/06	60808	03:15:38 - 03:21:02	gap at MI
07/12/06	60815	15:36:02 - 15:40:58	gap at MI
08/12/06	60821	01:29:34 - 01:38:40	gap at BE
08/12/06	60821	02:02:50 - 02:12:02	gap at MM
08/12/06	60822	03:07:23 - 03:20:47	gap at BE

08/12/06	60822	03:45:52 - 03:52:43	gap at MM
08/12/06	60823	04:48:11 - 04:57:04	gap at BE
08/12/06	60824	06:04:56 - 06:17:16	gap at PS
08/12/06	60826	10:30:51 - 10:42:18	gap at MM
08/12/06	60827	12:10:51 - 12:23:18	gap at MM
08/12/06	60827	11:31:18 - 11:39:02	gap at MA
08/12/06	60828	12:46:29 - 12:57:14	gap at BE
08/12/06	60829	14:24:04 - 14:37:23	gap at BE
08/12/06	60830	17:09:22 - 17:21:54	gap at MM
08/12/06	60832	19:27:53 - 19:39:19	gap at MA
08/12/06	60833	22:07:47 - 22:20:19	gap at MM
08/12/06	60830	16:44:07 - 16:48:52	gap at MI
09/12/06	60835	01:30:35 - 01:40:29	gap at MM
09/12/06	60835	00:35:33 - 00:42:46	gap at GS
09/12/06	60836	02:36:14 - 02:49:24	gap at BE
09/12/06	60836	03:13:27 - 03:21:01	gap at MM
09/12/06	60837	04:16:09 - 04:27:29	gap at BE
09/12/06	60837	03:44:41 - 03:57:55	gap at MI
09/12/06	60838	05:52:41 - 05:56:43	gap at KS
09/12/06	60840	09:59:22 - 10:10:21	gap at MM
09/12/06	60841	11:39:27 - 11:51:41	gap at MM
09/12/06	60842	12:17:09 - 12:25:03	gap at BE
09/12/06	60843	13:52:50 - 14:06:10	gap at BE
09/12/06	60843	14:28:29 - 14:35:04	gap at MI
09/12/06	60844	15:34:18 - 15:44:23	gap at BE
09/12/06	60844	16:38:12 - 16:50:44	gap at MM
09/12/06	60844	16:04:46 - 16:18:08	gap at MI
09/12/06	60845	17:47:23 - 17:52:32	gap at MI
09/12/06	60846	19:00:51 - 19:05:59	gap at MA
09/12/06	60847	20:34:25 - 20:48:06	gap at MA
10/12/06	60849	00:58:26 - 01:08:58	gap at MM
10/12/06	60850	02:05:22 - 02:17:27	gap at BE
10/12/06	60850	02:41:03 - 02:49:22	gap at MM
10/12/06	60851	03:44:30 - 03:57:14	gap at BE
10/12/06	60851	03:13:29 - 03:26:45	gap at MI
10/12/06	60852	04:55:32 - 05:03:52	gap at MI
10/12/06	60854	09:27:52 - 09:38:16	gap at MM
10/12/06	60855	11:08:01 - 11:19:57	gap at MM
10/12/06	60857	13:22:06 - 13:34:44	gap at BE
10/12/06	60858	15:01:41 - 15:13:56	gap at BE
10/12/06	60858	15:33:42 - 15:46:45	gap at MI
10/12/06	60859	17:46:11 - 17:58:43	gap at MM
10/12/06	60859	17:14:05 - 17:24:13	gap at MI
10/12/06	60862	22:45:08 - 22:57:25	gap at MM
10/12/06	60862	21:43:49 - 21:56:01	gap at MA
10/12/06	60849	00:12:26 - 00:14:06	gap at KS
10/12/06	60855	10:35:56 - 10:39:07	gap at MA
11/12/06	60863	00:26:23 - 00:37:28	gap at MM
11/12/06	60864	01:35:00 - 01:44:45	gap at BE

11/12/06	60864	02:08:43 - 02:17:46	gap at MM
11/12/06	60865	03:13:04 - 03:26:26	gap at BE
11/12/06	60865	02:42:56 - 02:55:09	gap at MI
11/12/06	60866	04:54:04 - 05:02:21	gap at BE
11/12/06	60866	04:22:26 - 04:34:09	gap at MI
11/12/06	60868	08:56:21 - 09:06:06	gap at MM
11/12/06	60870	11:37:06 - 11:44:17	gap at MA
11/12/06	60871	12:51:54 - 13:03:02	gap at BE
11/12/06	60872	14:29:48 - 14:43:02	gap at BE
11/12/06	60875	20:33:32 - 20:46:16	gap at MM
11/12/06	60875	19:33:20 - 19:45:07	gap at MA
11/12/06	60876	22:13:31 - 22:26:01	gap at MM
11/12/06	60877	23:54:26 - 00:06:00	gap at MM
12/12/06	60877	23:54:26 - 00:06:00	gap at MM
12/12/06	60878	01:36:27 - 01:46:13	gap at MM
12/12/06	60879	02:41:53 - 02:55:09	gap at BE
12/12/06	60880	04:21:57 - 04:32:55	gap at BE
12/12/06	60881	05:58:10 - 06:02:58	gap at KS
12/12/06	60882	08:24:48 - 08:33:49	gap at MM
12/12/06	60885	12:22:24 - 12:30:58	gap at BE
12/12/06	60886	15:04:34 - 15:17:14	gap at MM
12/12/06	60887	15:40:21 - 15:49:50	gap at BE
12/12/06	60889	19:05:58 - 19:12:57	gap at MA
12/12/06	60890	21:42:00 - 21:54:38	gap at MM
12/12/06	60890	20:40:04 - 20:53:45	gap at MA
12/12/06	60891	22:23:31 - 22:31:49	gap at MA
12/12/06	60880	03:58:14 - 04:03:33	gap at MI
13/12/06	60892	01:04:16 - 01:14:42	gap at MM
13/12/06	60892	00:15:56 - 00:19:32	gap at KS
13/12/06	60893	02:10:57 - 02:23:19	gap at BE
13/12/06	60894	03:50:14 - 04:02:46	gap at BE
13/12/06	60895	06:12:14 - 06:18:23	gap at MM
13/12/06	60896	07:53:12 - 08:01:29	gap at MM
13/12/06	60897	09:33:36 - 09:44:06	gap at MM
13/12/06	60899	12:53:38 - 13:06:17	gap at MM
13/12/06	60900	13:27:39 - 13:40:28	gap at BE
13/12/06	60900	14:33:18 - 14:46:00	gap at MM
13/12/06	60901	15:07:33 - 15:19:31	gap at BE
13/12/06	60901	16:12:41 - 16:25:15	gap at MM
13/12/06	60902	17:51:51 - 18:04:24	gap at MM
13/12/06	60903	19:31:02 - 19:43:42	gap at MM
13/12/06	60904	20:09:07 - 20:19:43	anomalous long science dump at MA no data processing possible
13/12/06	60904	21:10:35 - 21:23:17	gap at MM
13/12/06	60905	22:50:53 - 23:03:08	gap at MM
13/12/06	60905	21:49:57 - 22:01:35	gap at MA
13/12/06	60905	21:57:04 - 21:58:50	gap at MS
14/12/06	60906	00:32:12 - 00:43:12	gap at MM
14/12/06	60907	01:40:28 - 01:50:46	gap at BE
14/12/06	60908	03:18:46 - 03:32:04	gap at BE

14/12/06	60908	03:57:39 - 04:04:17	gap at MM
14/12/06	60909	04:33:47 - 04:42:46	anomalous long science dump at GS no data processing possible
14/12/06	60909	04:59:59 - 05:07:35	gap at BE
14/12/06	60909	05:40:16 - 05:46:06	gap at MM
14/12/06	60910	07:21:33 - 07:29:05	gap at MM
14/12/06	60911	09:02:05 - 09:11:57	gap at MM
14/12/06	60912	10:42:17 - 10:53:54	gap at MM
14/12/06	60913	12:22:16 - 12:34:47	gap at MM
14/12/06	60913	11:42:55 - 11:49:28	gap at MA
14/12/06	60914	14:02:00 - 14:14:44	gap at MM
14/12/06	60915	14:35:34 - 14:48:41	gap at BE
14/12/06	60915	15:41:29 - 15:54:05	gap at MM
14/12/06	60915	15:08:40 - 15:20:33	gap at MI
14/12/06	60916	17:20:42 - 17:33:13	gap at MM
14/12/06	60916	16:47:48 - 16:59:53	gap at MI
14/12/06	60917	18:59:50 - 19:12:28	gap at MM
14/12/06	60918	20:39:14 - 20:51:58	gap at MM
14/12/06	60918	19:38:48 - 19:50:55	gap at MA
14/12/06	60919	22:19:16 - 22:31:43	gap at MM
14/12/06	60919	21:17:25 - 21:30:39	gap at MA
14/12/06	60920	22:55:06 - 23:08:27	gap at MS
15/12/06	60920	00:00:14 - 00:11:43	gap at MM
15/12/06	60921	01:11:03 - 01:16:51	gap at BE
15/12/06	60921	01:42:18 - 01:51:57	gap at MM
15/12/06	60921	00:37:08 - 00:46:10	gap at MS
15/12/06	60922	02:47:32 - 03:00:53	gap at BE
15/12/06	60922	03:25:14 - 03:32:32	gap at MM
15/12/06	60923	04:27:45 - 04:38:20	gap at BE
15/12/06	60923	05:08:09 - 05:13:56	gap at MM
15/12/06	60924	06:49:50 - 06:56:40	gap at MM
15/12/06	60924	06:03:42 - 06:09:09	gap at KS
15/12/06	60925	08:30:32 - 08:39:42	gap at MM
15/12/06	60925	07:42:29 - 07:54:04	gap at KS
15/12/06	60926	10:10:49 - 10:21:59	gap at MM
15/12/06	60928	12:27:42 - 12:36:50	gap at BE
15/12/06	60928	13:30:41 - 13:43:24	gap at MM
15/12/06	60929	14:04:08 - 14:17:33	gap at BE
15/12/06	60930	15:46:27 - 15:55:15	gap at BE
15/12/06	60930	16:49:32 - 17:02:04	gap at MM
15/12/06	60932	20:07:56 - 20:20:40	gap at MM
15/12/06	60932	19:11:09 - 19:18:51	gap at MA
15/12/06	60933	21:47:44 - 22:00:21	gap at MM
15/12/06	60933	20:45:44 - 20:59:26	gap at MA
15/12/06	60934	23:28:23 - 23:40:16	gap at MM
15/12/06	60934	22:29:42 - 22:37:10	gap at MA
15/12/06	60925	07:54:20 - 07:59:48	gap at MA
16/12/06	60935	00:22:22 - 00:24:51	gap at KS
16/12/06	60937	03:55:58 - 04:08:18	gap at BE

16/12/06	60937	04:35:54 - 04:41:56	gap at MM
16/12/06	60938	06:18:01 - 06:24:16	gap at MM
16/12/06	60939	07:58:57 - 08:07:22	gap at MM
16/12/06	60942	12:59:20 - 13:12:00	gap at MM
16/12/06	60943	13:33:13 - 13:46:11	gap at BE
16/12/06	60943	14:38:59 - 14:51:41	gap at MM
16/12/06	60944	15:13:27 - 15:25:05	gap at BE
16/12/06	60946	19:36:42 - 19:49:23	gap at MM
16/12/06	60947	20:14:47 - 20:28:33	gap at MA
16/12/06	60948	22:56:39 - 23:08:50	gap at MM
16/12/06	60948	21:55:51 - 22:07:08	gap at MA
17/12/06	60950	01:45:57 - 01:56:45	gap at BE
17/12/06	60951	03:24:28 - 03:37:42	gap at BE
17/12/06	60951	04:03:32 - 04:10:04	gap at MM
17/12/06	60952	05:05:57 - 05:12:46	gap at BE
17/12/06	60952	05:46:05 - 05:51:58	gap at MM
17/12/06	60953	07:27:19 - 07:34:58	gap at MM
17/12/06	60956	11:48:56 - 11:54:34	gap at MA
17/12/06	60957	13:02:49 - 13:14:36	gap at BE
17/12/06	60957	14:07:42 - 14:20:25	gap at MM
17/12/06	60957	13:17:42 - 13:30:04	gap at KS
17/12/06	60958	14:41:20 - 14:54:19	gap at BE
17/12/06	60960	19:05:30 - 19:18:09	gap at MM
17/12/06	60961	19:44:18 - 19:56:44	gap at MA
17/12/06	60962	21:23:11 - 21:36:21	gap at MA
18/12/06	60964	01:16:13 - 01:23:13	gap at BE
18/12/06	60965	02:53:12 - 03:06:35	gap at BE
18/12/06	60965	03:31:08 - 03:38:18	gap at MM
18/12/06	60966	04:33:34 - 04:43:43	gap at BE
18/12/06	60966	05:14:00 - 05:19:47	gap at MM
18/12/06	60970	11:56:35 - 12:08:56	gap at MM
18/12/06	60970	11:16:39 - 11:25:26	gap at MA
18/12/06	60971	12:33:02 - 12:42:41	gap at BE
18/12/06	60971	13:36:23 - 13:49:06	gap at MM
18/12/06	60972	14:09:49 - 14:23:14	gap at BE
18/12/06	60972	14:44:10 - 14:53:41	gap at MI
18/12/06	60973	15:52:36 - 16:00:37	gap at BE
18/12/06	60973	16:21:53 - 16:34:59	gap at MI
18/12/06	60974	18:34:20 - 18:46:55	gap at MM
18/12/06	60975	20:13:37 - 20:26:21	gap at MM
18/12/06	60975	19:16:24 - 19:24:43	gap at MA
18/12/06	60976	20:51:24 - 21:05:07	gap at MA
18/12/06	60977	22:35:59 - 22:42:28	gap at MA
18/12/06	60968	08:06:03 - 08:07:05	gap at MA
18/12/06	60966	04:09:54 - 04:14:45	gap at MI
19/12/06	60979	02:22:10 - 02:34:58	gap at BE
19/12/06	60979	02:58:43 - 03:06:37	gap at MM
19/12/06	60980	04:01:44 - 04:13:48	gap at BE
19/12/06	60980	04:41:46 - 04:47:44	gap at MM

19/12/06	60985	12:04:15 - 12:10:06	gap at BE
19/12/06	60985	13:05:02 - 13:17:43	gap at MM
19/12/06	60986	13:38:48 - 13:51:54	gap at BE
19/12/06	60987	15:19:22 - 15:30:37	gap at BE
19/12/06	60989	19:42:23 - 19:55:04	gap at MM
19/12/06	60989	18:47:33 - 18:51:43	gap at MA
19/12/06	60990	21:22:00 - 21:34:41	gap at MM
19/12/06	60990	20:20:22 - 20:34:10	gap at MA
19/12/06	60991	22:01:51 - 22:12:40	gap at MA
19/12/06	60991	22:09:34 - 22:21:21	gap at KS
19/12/06	60990	20:27:57 - 20:29:19	gap at KS
19/12/06	60990	20:29:26 - 20:41:45	gap at KS
20/12/06	60993	01:51:29 - 02:02:42	gap at BE
20/12/06	60993	02:26:21 - 02:35:00	gap at MM
20/12/06	60994	03:30:11 - 03:43:18	gap at BE
20/12/06	60994	04:09:26 - 04:15:51	gap at MM
20/12/06	60995	05:11:58 - 05:17:53	gap at BE
20/12/06	60999	12:33:41 - 12:46:15	gap at MM
20/12/06	60999	11:55:05 - 11:59:33	gap at MA
20/12/06	61000	13:08:18 - 13:20:21	gap at BE
20/12/06	61001	14:47:07 - 14:59:56	gap at BE
20/12/06	61003	19:11:10 - 19:23:49	gap at MM
20/12/06	61004	20:50:37 - 21:03:21	gap at MM
20/12/06	61004	19:49:48 - 20:02:37	gap at MA
20/12/06	61005	21:28:58 - 21:42:02	gap at MA
20/12/06	61006	23:20:51 - 23:29:22	gap at KS
20/12/06	61001	15:31:12 - 15:32:16	gap at MI
21/12/06	61007	01:21:30 - 01:29:27	gap at BE
21/12/06	61008	02:58:52 - 03:12:17	gap at BE
21/12/06	61008	03:37:02 - 03:44:04	gap at MM
21/12/06	61009	04:39:23 - 04:49:05	gap at BE
21/12/06	61013	12:02:17 - 12:14:41	gap at MM
21/12/06	61013	11:22:31 - 11:30:54	gap at MA
21/12/06	61014	12:38:23 - 12:48:31	gap at BE
21/12/06	61014	12:52:16 - 13:04:57	gap at KS
21/12/06	61015	14:15:30 - 14:28:54	gap at BE
21/12/06	61016	15:58:50 - 16:05:54	gap at BE
21/12/06	61016	17:00:52 - 17:13:24	gap at MM
21/12/06	61017	18:40:00 - 18:52:36	gap at MM
21/12/06	61018	19:21:42 - 19:30:34	gap at MA
21/12/06	61020	23:39:58 - 23:51:42	gap at MM
21/12/06	61020	22:42:26 - 22:47:40	gap at MA
21/12/06	61020	22:47:59 - 22:58:15	gap at KS
22/12/06	61021	01:21:48 - 01:31:53	gap at MM
22/12/06	61022	02:27:47 - 02:40:45	gap at BE
22/12/06	61022	03:04:37 - 03:12:22	gap at MM
22/12/06	61023	04:07:29 - 04:19:17	gap at BE
22/12/06	61023	04:47:38 - 04:53:33	gap at MM
22/12/06	61024	06:29:36 - 06:36:03	gap at MM

22/12/06	61025	08:10:26 - 08:19:08	gap at MM
22-31/12/06	61025 - 61163	07:22:36 (22/12/06 – 21:04 (31/12/06)	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61026	09:50:47 - 10:01:36	gap at MM
22/12/06	61026	09:02:08 - 09:15:39	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61027	11:30:53 - 11:43:02	gap at MM
22/12/06	61027	10:41:45 - 10:55:42	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61028	12:09:21 - 12:16:07	gap at BE
22/12/06	61028	13:10:44 - 13:23:26	gap at MM
22/12/06	61028	12:21:08 - 12:34:12	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61029	13:44:24 - 13:57:37	gap at BE
22/12/06	61029	14:50:21 - 15:03:03	gap at MM
22/12/06	61029	14:00:02 - 14:11:56	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61030	15:25:19 - 15:36:09	gap at BE
22/12/06	61030	16:29:42 - 16:42:15	gap at MM
22/12/06	61030	15:56:15 - 16:09:38	gap at MI
22/12/06	61030	15:38:03 - 15:49:52	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61031	18:08:51 - 18:21:24	gap at MM
22/12/06	61031	17:15:52 - 17:28:34	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61032	19:48:03 - 20:00:45	gap at MM
22/12/06	61032	18:53:07 - 18:57:26	gap at MA
22/12/06	61032	18:54:01 - 19:07:51	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61033	20:25:59 - 20:39:45	gap at MA
22/12/06	61033	20:33:42 - 20:47:27	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61034	23:08:10 - 23:20:16	gap at MM
22/12/06	61034	22:08:21 - 22:18:10	gap at MA
22/12/06	61034	22:15:27 - 22:27:02	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
22/12/06	61023	03:43:47 - 03:49:28	gap at MI
22/12/06	61031	17:38:02 - 17:39:43	gap at MI
23/12/06	61035	00:49:41 - 01:00:22	gap at MM
23/12/06	61035	00:00:21 - 00:05:49	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61036	01:57:01 - 02:08:38	gap at BE
23/12/06	61036	02:32:14 - 02:40:45	gap at MM
23/12/06	61037	03:35:54 - 03:48:53	gap at BE

23/12/06	61038	04:46:21 - 04:55:54	gap at MI
23/12/06	61039	06:51:26 - 07:00:22	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61040	08:30:50 - 08:43:47	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61041	10:59:27 - 11:11:16	gap at MM
23/12/06	61041	10:10:27 - 10:24:27	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61042	11:49:57 - 12:03:22	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61043	13:13:48 - 13:26:07	gap at BE
23/12/06	61043	13:28:59 - 13:41:14	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61044	14:52:56 - 15:05:33	gap at BE
23/12/06	61044	15:25:19 - 15:38:04	gap at MI
23/12/06	61044	15:07:26 - 15:19:01	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61045	17:37:41 - 17:50:13	gap at MM
23/12/06	61045	17:05:16 - 17:16:11	gap at MI
23/12/06	61045	16:45:03 - 16:57:28	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61046	18:23:01 - 18:36:36	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61047	20:02:11 - 20:16:08	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61048	22:36:30 - 22:48:51	gap at MM
23/12/06	61048	21:43:12 - 21:55:45	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
23/12/06	61049	23:26:52 - 23:35:01	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
24/12/06	61049	00:17:40 - 00:28:53	gap at MM
24/12/06	61050	01:26:52 - 01:35:37	gap at BE
24/12/06	61051	03:04:32 - 03:17:57	gap at BE
24/12/06	61052	04:45:15 - 04:54:25	gap at BE
24/12/06	61053	06:20:27 - 06:27:23	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
24/12/06	61054	08:47:45 - 08:57:18	gap at MM
24/12/06	61054	07:59:32 - 08:11:41	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
24/12/06	61055	09:39:09 - 09:53:02	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
24/12/06	61056	11:18:42 - 11:32:26	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
24/12/06	61056	11:28:24 - 11:36:24	gap at MA

24-29/12/06	61057 - 61130	12:30 (24/12/06) - 14:53 (29/12/06)	GOME SEU caused that data were not useful (scan mirror pointed to 261.8deg contiguously (no scanning)
29/12/06	61130	15:04:37 - 15:16:44	gap at BE
29/12/06	61130	15:18:30 - 15:30:14	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
29/12/06	61131	16:56:11 - 17:08:46	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
29/12/06	61132	19:28:11 - 19:40:52	gap at MM
29/12/06	61132	18:34:16 - 18:47:58	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
29/12/06	61133	20:13:37 - 20:27:31	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
29/12/06	61134	22:48:00 - 23:00:16	gap at MM
29/12/06	61134	21:54:54 - 22:07:08	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
29/12/06	61135	23:38:58 - 23:46:16	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61136	01:37:43 - 01:47:46	gap at BE
30/12/06	61137	03:15:55 - 03:29:16	gap at BE
30/12/06	61137	03:54:42 - 04:01:23	gap at MM
30/12/06	61138	04:57:01 - 05:04:59	gap at BE
30/12/06	61138	05:37:21 - 05:43:10	gap at MM
30/12/06	61139	07:18:41 - 07:26:08	gap at MM
30/12/06	61139	06:31:41 - 06:39:37	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61140	08:10:55 - 08:23:23	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61141	09:50:32 - 10:04:29	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61142	12:19:25 - 12:31:55	gap at MM
30/12/06	61142	11:30:04 - 11:43:41	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61142	11:40:00 - 11:46:53	gap at MA
30/12/06	61143	12:54:37 - 13:05:56	gap at BE
30/12/06	61143	13:59:09 - 14:11:53	gap at MM
30/12/06	61143	13:09:14 - 13:21:42	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61144	14:32:41 - 14:45:52	gap at BE
30/12/06	61144	14:47:54 - 14:59:25	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61145	16:25:34 - 16:37:43	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61146	18:57:00 - 19:09:38	gap at MM
30/12/06	61146	18:03:21 - 18:16:44	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61147	19:36:04 - 19:48:01	gap at MA

30/12/06	61147	19:42:13 - 19:56:13	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61148	22:16:23 - 22:28:52	gap at MM
30/12/06	61148	21:22:49 - 21:35:50	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
30/12/06	61149	23:05:52 - 23:15:15	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61150	01:39:22 - 01:49:05	gap at MM
31/12/06	61151	02:44:42 - 02:58:01	gap at BE
31/12/06	61151	03:22:17 - 03:29:39	gap at MM
31/12/06	61152	04:24:50 - 04:35:38	gap at BE
31/12/06	61152	05:05:13 - 05:11:01	gap at MM
31/12/06	61153	06:00:56 - 06:06:04	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61154	07:39:39 - 07:51:07	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61155	09:19:13 - 09:32:56	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61156	11:48:01 - 12:00:19	gap at MM
31/12/06	61156	10:58:49 - 11:12:40	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61157	12:25:03 - 12:33:54	gap at BE
31/12/06	61157	13:27:50 - 13:40:33	gap at MM
31/12/06	61157	12:38:07 - 12:50:58	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61158	14:01:18 - 14:14:42	gap at BE
31/12/06	61158	14:16:58 - 14:28:41	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61159	15:43:23 - 15:52:33	gap at BE
31/12/06	61159	15:54:48 - 16:06:44	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61160	18:25:50 - 18:38:25	gap at MM
31/12/06	61160	17:32:42 - 17:45:33	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61161	20:05:06 - 20:17:49	gap at MM
31/12/06	61161	19:08:33 - 19:15:54	gap at MA
31/12/06	61161	19:10:59 - 19:24:55	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61162	20:42:54 - 20:56:36	gap at MA
31/12/06	61162	20:50:59 - 21:04:32	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna
31/12/06	61163	22:26:36 - 22:34:29	gap at MA
31/12/06	61163	22:33:09 - 22:44:04	KS data did not arrive in NRT due to network problems between ESRIN and Kiruna

Lamp Failures: none

cooler switchings: none

timeline interruptions: (operations in nadir static view):

Date	Orbit No.	Duration	remark
08/12/06	60830	16:27:37 - 18:01:59	GOME in Nadir Static View (see ER2-UNA 2006/036) due to PL synchronization

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/12/06	60770 – 60786	~12:00 (04/12/06) - ~13:00 (05/12/06)	Narrow Swath Timeline GMNNOT41 executed
14-15/12/06	60914 – 60927	~13:00 (14/12/06) - ~11:30 (15/12/06)	Narrow Swath Timeline GMNNOT41 executed
24-25/12/06	-	-	No Narrow Swath Timeline GMNNOT41 available due to GOME anomaly

Others:

Date	Orbit No.	Duration	remark
12/12/06	60885	13:23:46	Corrupted products at MM anomalous values for most parameters
14/12/06	60909	04:40:05	Corrupted products at MI anomalous values for most parameters
17/12/06	60958	15:26:31	Corrupted products at MI anomalous values for most parameters
22/12/06	61024	05:19:19	Corrupted products at MI anomalous values for most parameters