

GOME Operations during May 2005

Date	operations	remark
01/05/05	data available within visibility of groundstation	start of sun calibration: 18:15:47.37
02/05/05	data available within visibility of groundstation	start of sun calibration: 16:49:29.25
03/05/05	data available within visibility of groundstation	start of sun calibration: 17:12:28.26
04/05/05	data available within visibility of groundstation	start of sun calibration: 20:01:54.23
05/05/05	data available within visibility of groundstation Polar View Timeline ended	start of sun calibration: 19:30:14.67
06/05/05	data available within visibility of groundstation	start of sun calibration: 18:58:29.11
07/05/05	data available within visibility of groundstation	start of sun calibration: 18:26:49.55
08/05/05	data available within visibility of groundstation	start of sun calibration: 17:55:09.98
09/05/05	data available within visibility of groundstation	start of sun calibration: 17:23:30.42
10/05/05	data available within visibility of groundstation	start of sun calibration: 16:51:44.86
11/05/05	data available within visibility of groundstation	start of sun calibration: 19:41:18.51
12/05/05	data available within visibility of groundstation	start of sun calibration: 19:09:32.95
13/05/05	data available within visibility of groundstation	start of sun calibration: 18:37:53.38
14/05/05	data available within visibility of groundstation	start of sun calibration: 18:06:10.25
15/05/05	data available within visibility of groundstation	start of sun calibration: 17:34:30.69
16/05/05	data available within visibility of groundstation	start of sun calibration: 17:02:51.13
17/05/05	data available within visibility of groundstation	start of sun calibration: 19:52:18.78
18/05/05	data available within visibility of groundstation	start of sun calibration: 18:48:59.66
19/05/05	data available within visibility of groundstation	start of sun calibration: 18:48:59.66
20/05/05	data available within visibility of groundstation	start of sun calibration: 18:17:20.10
21/05/05	data available within visibility of groundstation	start of sun calibration: 17:45:40.53
22/05/05	data available within visibility of groundstation	start of sun calibration: 17:14:00.97
23/05/05	data available within visibility of groundstation GOME unavailable start: 18:31:02	no solar calibration measurements available due to Payload in standby
24/05/05	data available within visibility of groundstation GOME unavailable stop: 16:18:59	start of sun calibration: 17:51:10.66 (TST44 with warm detectors T = 263K)
25/05/05	data available within visibility of groundstation	no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre
26/05/05	data available within visibility of groundstation	start of sun calibration: 18:28:28.73
27/05/05	data available within visibility of groundstation	no solar calibration measurements available due to missing data
28/05/05	data available within visibility of groundstation	start of sun calibration: 17:25:09.62
29/05/05	data available within visibility of groundstation	no solar calibration data available due to missing data
30/05/05	data available within visibility of groundstation	start of sun calibration: 19:43:03
31/05/05	data available within visibility of groundstation	start of sun calibration: 19:11:25

Anomalies:

single event upsets (SEU):

10/05/05	52573	20:00:52 - 20:14:14	gap at MA
11/05/05	52580	08:14:39 - 08:25:16	gap at MA
11/05/05	52587	19:30:36 - 19:42:13	gap at MA
12/05/05	52601	19:03:23 - 19:08:50	gap at MA
12/05/05	52601	19:20:10 - 19:33:02	gap at PS
12/05/05	52602	21:00:30 - 21:08:26	gap at PS
12/05/05	52603	22:20:27 - 22:29:05	gap at MA
13/05/05	52607	05:04:04 - 05:17:56	gap at PS
13/05/05	52608	06:46:35 - 06:56:22	gap at PS
13/05/05	52617	21:47:01 - 21:58:48	gap at MA
14/05/05	52623	08:20:07 - 08:31:15	gap at MA
14/05/05	52624	09:58:34 - 10:11:39	gap at MA
14/05/05	52625	11:40:00 - 11:46:53	gap at MA
14/05/05	52630	19:36:04 - 19:48:01	gap at MA
14/05/05	52631	21:14:32 - 21:27:47	gap at MA
15/05/05	52645	20:42:54 - 20:56:36	gap at MA
15/05/05	52644	19:14:46 - 19:15:54	gap at MA
16/05/05	52650	05:09:48 - 05:23:36	gap at PS
16/05/05	52651	06:52:38 - 07:01:53	gap at PS
16/05/05	52658	18:54:29 - 19:07:58	gap at PS
16/05/05	52659	20:11:59 - 20:25:42	gap at MA
16/05/05	52659	20:34:36 - 20:44:14	gap at PS
16/05/05	52660	21:52:54 - 22:04:22	gap at MA
17/05/05	52668	11:45:54 - 11:52:02	gap at MA
17/05/05	52673	19:41:33 - 19:53:48	gap at MA
18/05/05	52687	19:13:16 - 19:21:17	gap at MA
18/05/05	52689	22:32:49 - 22:39:50	gap at MA
18/05/05	52680	07:59:59 - 08:01:45	gap at MA
19/05/05	52693	05:15:33 - 05:29:16	gap at PS
19/05/05	52694	06:58:44 - 07:07:22	gap at PS
19/05/05	52699	15:29:40 - 15:41:27	gap at KS
19/05/05	52701	18:44:45 - 18:48:51	gap at MA
19/05/05	52701	19:00:11 - 19:13:34	gap at PS
19/05/05	52702	20:40:21 - 20:49:38	gap at PS
19/05/05	52703	21:58:48 - 22:09:54	gap at MA
20/05/05	52711	11:51:59 - 11:57:05	gap at MA
20/05/05	52716	19:47:03 - 19:59:41	gap at MA
20/05/05	52717	21:26:04 - 21:39:12	gap at MA
21/05/05	52731	20:54:15 - 21:07:57	gap at MA
21/05/05	52732	22:39:11 - 22:45:05	gap at MA
22/05/05	52734	01:59:24 - 02:12:28	gap at GS
22/05/05	52744	18:50:20 - 18:54:34	gap at MA
22/05/05	52745	20:23:10 - 20:36:57	gap at MA
23/05/05	52757	16:42:16 - 16:53:58	gap at KS

23-24/05/05 52758 - 52771 18:31:02 (23/05/05) - 16:18:59 (24/05/05) GOME unavailable due to ERS2 Payload in standby (see ER-UNA 2005/012)

24/05/05	52773	19:24:22 - 19:33:29	gap at MA
24/05/05	52775	22:45:40 - 22:50:12	gap at MA
25/05/05	52787	18:55:53 - 19:00:17	gap at MA
25/05/05	52789	22:11:22 - 22:20:55	gap at MA
27/05/05	52811	11:31:18 - 11:39:02	gap at MA
27/05/05	52815	17:55:00 - 18:08:13	gap at KS
27/05/05	52816	19:48:45 - 20:00:38	gap at PS
28/05/05	52819	00:35:33 - 00:42:46	gap at GS
28/05/05	52830	19:00:51 - 19:05:59	gap at MA
28/05/05	52831	20:34:25 - 20:48:06	gap at MA
28/05/05	52831	20:57:37 - 21:05:46	gap at PS
28/05/05	52833	23:52:23 - 23:53:49	gap at MS
29/05/05	52834	01:40:05 - 01:52:23	gap at GS
29/05/05	52835	03:18:25 - 03:32:09	gap at GS
29/05/05	52836	05:01:12 - 05:15:05	gap at PS
29/05/05	52837	06:43:34 - 06:53:35	gap at PS
29/05/05	52838	08:39:22 - 08:52:30	gap at KS
29/05/05	52839	10:19:00 - 10:32:59	gap at KS
29/05/05	52840	11:58:27 - 12:11:47	gap at KS
29/05/05	52841	13:37:27 - 13:49:36	gap at KS
29/05/05	52842	15:15:45 - 15:27:25	gap at KS
29/05/05	52842	15:27:43 - 15:41:23	gap at GS
29/05/05	52843	16:53:24 - 17:05:56	gap at KS
29/05/05	52843	17:07:26 - 17:19:54	gap at GS
29/05/05	52844	18:31:27 - 18:45:07	gap at KS
29/05/05	52844	18:45:56 - 18:59:34	gap at PS
29/05/05	52845	20:10:45 - 20:24:40	gap at KS
29/05/05	52845	20:26:00 - 20:36:07	gap at PS
29/05/05	52846	21:43:49 - 21:56:01	gap at MA
29/05/05	52846	21:51:58 - 22:04:17	gap at KS
29/05/05	52847	23:35:56 - 23:43:27	gap at KS
29/05/05	52833	23:52:23 - 23:53:49	gap at MS
30/05/05	52848	01:10:07 - 01:20:41	gap at GS
30/05/05	52849	02:47:03 - 03:00:58	gap at GS
30/05/05	52850	04:28:44 - 04:39:21	gap at GS
30/05/05	52851	06:10:49 - 06:22:53	gap at PS
30/05/05	52852	08:17:23 - 08:28:16	gap at MA
30/05/05	52854	11:37:06 - 11:44:17	gap at MA
30/05/05	52859	19:33:20 - 19:45:07	gap at MA
31/05/05	52867	09:16:22 - 09:30:03	gap at KS
31/05/05	52867	09:24:32 - 09:38:05	gap at MA
31/05/05	52873	19:05:58 - 19:12:57	gap at MA
31/05/05	52873	19:23:01 - 19:35:49	gap at PS
31/05/05	52874	20:40:04 - 20:53:45	gap at MA
31/05/05	52875	22:23:31 - 22:31:48	gap at MA

31/05/05	52866	07:44:08 - 07:48:10	gap at KS
31/05/05	52868	10:55:58 - 11:02:05	gap at KS
31/05/05	52864	04:04:17 - 04:08:45	gap at GS

Lamp Failures: none

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
		FPA 1: 267
		FPA 2: 267
23-24/05/05	18:31:02 (23/05/05) off	
	17:57:07 (24/05/05) on	FPA 3: 267
		FPA 4: 267

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

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/05/05	52487 - 52500	~21:30 (04/05/05) - ~18:30 (05/05/05)	Narrow Swath Timeline GMNNOT41 executed
14-15/05/05	52630 - 52642	~19:30 (14/05/05) - ~17:00 (15/05/05)	Narrow Swath Timeline GMNNOT41 executed
24-25/05/05	52774 - 52787	~21:00 (24/05/05) - ~20:00 (25/05/05)	Narrow Swath Timeline GMNNOT41 executed

others:

Date	Orbit No.	Duration	remark
10/03/05 - 05/05/05	51687 - 52501	~00:00 (10/03/05) --22:00 (05/05/05)	GOME North Polar View operations ended on day 05/05/2005; start of operations was day 10/03/2005
24/05/05	52772	17:55:10 - 17:57:07	calibration lamp sequence without lamp failure and without calibration lamp instability but with warm detectors (TST44)