

GOME Operations during January 2003

Date	operations	remark
01/01/03	nominal	start of sun calibration: 10:50:00.22
02/01/03	nominal	start of sun calibration: 10:22:16.93
03/01/03	nominal	start of sun calibration: 13:07:54.36
04/01/03	nominal	start of sun calibration: 12:36:17.43
05/01/03	nominal	start of sun calibration: 12:04:37.90
06/01/03	nominal	start of sun calibration: 11:32:58.37
07/01/03	nominal	start of sun calibration: 11:01:18.84
08/01/03	nominal	start of sun calibration: 10:29:39.31
09/01/03	nominal	start of sun calibration: 13:19:12.98
10/01/03	nominal	start of sun calibration: 12:47:33.45
11/01/03	nominal	start of sun calibration: 12:15:53.90
12/01/03	nominal	start of sun calibration: 11:44:14.36
13/01/03	nominal	start of sun calibration: 11:12:34.82
14/01/03	nominal	start of sun calibration: 10:40:53.71
15/01/03	nominal	start of sun calibration: 13:30:27.37
16/01/03	nominal	start of sun calibration: 12:58:41.82
17/01/03	nominal	start of sun calibration: ~12:27:06
18/01/03	nominal	no sun calibration data available due to data gap
19/01/03	nominal anomalous long dump	no sun calibration data available due to data gap
20/01/03	nominal anomalous long dump	start of sun calibration: 10:52:03.63
21/01/03	nominal	start of sun calibration: 10:20:18.08
22/01/03	nominal	start of sun calibration: 13:09:45.73
23/01/03	nominal	no sun calibration performed due to the execution of an ERS2orbit manoeuvre
24/01/03	nominal	no sun calibration performed due to the execution of an ERS2orbit manoeuvre
25/01/03	nominal	start of sun calibration: 11:34:44.40
26/01/03	nominal anomalous long dump	start of sun calibration: 11:03:04.84
27/01/03	nominal	start of sun calibration: 10:31:25.27
	nominal monthly calibration performed	
28/01/03	during Orbits 40646 - 40651 two Orbits in Nadir Static View	start of sun calibration: 13:20:52.92
	40643, 40644	
29/01/03	nominal	start of sun calibration: 12:49:13.40
30/01/03	nominal	start of sun calibration: 12:17:27.86
31/01/03	nominal	start of sun calibration: 11:45:48.29

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
01/01/03	40250	00:20:11 - 00:20:23	small gap at MS
01/01/03	40255	07:36:11 - 09:18:20	gap at KS (whole orbit)
04/01/03	40300	12:02:19 - 12:03:54	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
11/01/03	40397	06:23:30 - 06:24:20	small gap at KS
13/01/03	40427	07:59:47 - 08:32:48	EGOI data gap due to missing file: EGOI_030113KSEP9379.E2;1
13/01/03	40427	09:28:50 - 09:30:46	small gap at KS
14/01/03	40437	00:42:44 - 01:10:44	gap at GS
14/01/03	40441-2	09:06:44 - 10:36:49 10:46:34 - 10:52:41	gaps due to IDHT unavailability (see ER2-UNA 2003/001)
15/01/03	40454	05:23:42 - 05:24:31	small gap at PS
		22:11:01 - 22:11:09	
		22:11:21 - 22:11:26	
15/01/03	40464	22:11:27 - 22:16:03	small gaps at MS
		23:13:11 - 23:13:21	
		23:13:23 - 23:13:32	
17/01/03	40486	12:10:26 - 12:34:02	many small gaps at KS
17/01/03	40492	21:10:09 - 22:28:22	many small gaps at KS
17-18/01/03	40494	23:58:13 (17/01/03) - 00:05:19 (18/01/03)	gap at GS
18/01/03	40501 - 507	10:57:16 - 21:55:29	data gap at KS due to missing files
19/01/03	40512 - 514	06:14:15 - 11:32:16	data gap due to missing EGOI files
19/01/03	40517	15:57:16 - 16:11:38	anomalous long science dump at KS, no data processing possible
20/01/03	40530	13:26:54 - 14:17:21	many small gaps at KS
20/01/03	40531	15:25:36 - 15:39:59	anomalous long science dump at KS, no data processing possible
22/01/03	40553	02:58:00 - 04:13:51	gap at GS
24/01/03	40593	23:18:44 - 23:26:50	few small gaps at MS
24/01/03	40586	11:32:36 - 11:34:13	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
25/01/03	40595	03:03:03 - 03:03:33	small gap at GS
26/01/03	40621	21:09:53 - 21:11:14	small gap at KS
26/01/03	40621	22:18:58 - 22:33:20	anomalous long science dump at KS, no data processing possible
27/01/03	40625	05:23:26 - 05:24:15	small gap at PS
29/01/03	40663	19:55:50 - 21:08:38	many small gaps at KS

Lamp Failures: none

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
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04/01/03 12:02:19 off
12:04:08 on

FPA 1: 245.0
FPA 2: 245.5
FPA 3: 245.2

14/01/03 ~10:06 off
~10:07 on

FPA 4: 245.4
FPA 1: ~245
FPA 2: ~245
FPA 3: ~245
FPA 4: ~245

exact warm up of detectors cannot be analysed due to data gap

24/01/03 11:32:36 off
11:34:26 on

FPA 1: 245.0
FPA 2: 245.5
FPA 3: 245.3
FPA 4: 245.2

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

Narrow Swath Timeline

Date	Orbit No.	Duration	remark
04-05/01/03	40302 - 40315	~14:00 (04/01/03) - ~12:00 (05/01/03)	Narrow Swath Timeline GMNNOT41 executed
14-15/01/03	40444 - 40458	~12:00 (14/01/03) - ~13:00 (15/01/03)	Narrow Swath Timeline GMNNOT41 executed
24-25/01/03	40588 - 40601	~14:00 (24/01/03) - ~11:00 (25/01/03)	Narrow Swath Timeline GMNNOT41 executed

others: none