

GOME Operations during February 2003

Date	operations	remark
01/02/03	nominal	start of sun calibration: 11:14:02.74
02/02/03	nominal	start of sun calibration: 10:42:23.17
03/02/03	nominal	start of sun calibration: 10:10:43.61
04/02/03	nominal	start of sun calibration: 13:00:08.17
05/02/03	nominal anomalous long dump	start of sun calibration: 12:28:28.60
06/02/03	nominal	start of sun calibration: 11:56:43.03
07/02/03	nominal	start of sun calibration: 11:25:03.47
08/02/03	nominal	start of sun calibration: 10:53:17.91
09/02/03	nominal	start of sun calibration: 10:21:32.35
10/02/03	nominal	start of sun calibration: 13:10:59.99
11/02/03	nominal	start of sun calibration: 12:39:20.42
12/02/03	nominal anomalous long dump	start of sun calibration: 12:07:34.86
13/02/03	nominal	start of sun calibration: 11:35:49.29
14/02/03	nominal	start of sun calibration: 11:04:08.27
15/02/03	nominal	start of sun calibration: 10:32:22.70
16/02/03	nominal	start of sun calibration: 13:21:50.33
17/02/03	nominal	start of sun calibration: 12:50:10.76
18/02/03	nominal	start of sun calibration: 12:18:25.19
19/02/03	nominal	no sun calibration performed due to the execution of an ERS2 orbit manoeuvre
20/02/03	nominal	no sun calibration performed due to the execution of an ERS2 orbit manoeuvre
21/02/03	GOME switch-off: 01:54:09 - 09:08:06 anomalous long dump	start of sun calibration: 10:43:11.91 (TST44 with warm detectors T= \sim 264K)
22/02/03	nominal	start of sun calibration: 10:11:32.78
23/02/03	nominal anomalous long dump	start of sun calibration: 13:00:54.57
24/02/03	nominal	start of sun calibration: 12:29:11.46
25/02/03	nominal	start of sun calibration: 11:57:31.89
26/02/03	nominal	start of sun calibration: 11:25:46.31
27/02/03	nominal	start of sun calibration: 10:54:00.74
	nominal monthly calibration performed	
28/02/03	during Orbits 41088 - 41092 two Orbits in Nadir Static View 41085, 41086	start of sun calibration: 10:22:21.17

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
04/02/03	40744	12:26:21 - 12:27:57	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
05/02/03	40757	10:47:46 - 10:58:23	many small gaps at KS
05/02/03	40765	23:44:22 - 23:58:44	anomolous long science dump at MS no data processing possible
07/02/03	40785	08:14:29 - 09:55:46	gap at KS
12/02/03	40855	05:20:35 - 07:15:54	gap at KS
14/02/03	40886	10:30:21 - 10:31:57	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
14/02/03	40893	22:20:01 - 22:34:24	anomolous long science dump at KS no data processing possible
14/02/03	40903	15:01:00 - 15:01:49	small gap at KS
20/02/03	40967	02:46:07 - 02:46:28	small gap at GS
21/02/03	40981-985	01:54:09 - 09:08:06	data gap due to GOME switch-off (see ER2-UNA- 2003/003-004)
21/02/03	40988	13:36:14 - 13:50:37	anomolous long science dump at KS no data processing possible
24/02/03	41026	04:00:13 - 05:30:10	PS orbit missing
24/02/03	41030	11:55:25 - 11:57:02	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
24/02/03	41037	23:45:11 - 23:59:33	anomolous long science dump at KS no data processing possible
25/02/03	41040	03:29:12 - 05:11:57	PS orbit missing

Lamp Failures: none

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
04/02/03	12:26:21 off	FPA 1: 244.7
		FPA 2: 245.2
	12:28:10 on	FPA 3: 244.9
		FPA 4: 245.1
14/02/03	10:30:21 off	FPA 1: 244.9
		FPA 2: 245.2
	10:32:11 on	FPA 3: 245.0
		FPA 4: 245.0
21/02/03	01:54:09 off	FPA 1: 272.9
		FPA 2: 273.9
	10:49:07 on	FPA 3: 273.5
		FPA 4: 273.9
24/02/03	11:55:25 off	FPA 1: 244.6
		FPA 2: 245.0
	11:57:14 on	FPA 3: 244.7
		FPA 4: 244.9

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

Narrow Swath Timeline

Date	Orbit No.	Duration	remark
04-05/02/03	40746 - 40759	~14:00 (04/02/03) - ~12:00 (05/02/03)	Narrow Swath Timeline GMNNOT41 executed
14-15/02/03	40888 - 40901	~12:30 (14/02/03) - ~10:00 (15/02/03)	Narrow Swath Timeline GMNNOT41 executed
24-25/02/03	41032 - 41044	~14:00 (24/02/03) - ~12:00 (25/02/03)	Narrow Swath Timeline GMNNOT41 executed

others:

Date	Orbit No.	Duration	remark
04/02/03	40741	~06:10	NEW software version number LRDPF 9100