

GOME Operations during March 2003

Date	operations	remark
01/03/03	nominal	start of sun calibration: 13:11:48.82
02/03/03	nominal anomalous long dump	start of sun calibration: 12:40:03.25
03/03/03	nominal	start of sun calibration: 12:08:17.67
04/03/03	nominal	start of sun calibration: 11:36:35.74
05/03/03	nominal	start of sun calibration: 11:04:50.17
06/03/03	nominal	start of sun calibration: 10:33:04.60
07/03/03	nominal	start of sun calibration: 13:22:32.23
08/03/03	nominal	start of sun calibration: 12:50:46.65
09/03/03	nominal	start of sun calibration: 12:19:07.08
10/03/03	nominal	start of sun calibration: 11:47:21.51
11/03/03	nominal	start of sun calibration: 11:15:35.94
12/03/03	nominal	start of sun calibration: 10:43:50.37
13/03/03	nominal	start of sun calibration: 10:12:04.80
14/03/03	nominal GOME North Polar View Timeline activated	no sun calibration performed due to the execution of an ERS2 orbit manoeuvre
15/03/03	nominal	no sun calibration performed due to the execution of an ERS2 orbit manoeuvre
16/03/03	nominal	start of sun calibration: 11:58:03.74
17/03/03	nominal	start of sun calibration: 11:26:24.17
18/03/03	nominal	start of sun calibration: 10:54:38.60
19/03/03	nominal	start of sun calibration: 10:22:53.03
20/03/03	nominal	start of sun calibration: 13:12:20.67
21/03/03	nominal anomalous long dump	start of sun calibration: 12:40:35.10
22/03/03	nominal	start of sun calibration: 12:08:49.53
23/03/03	nominal	start of sun calibration: 11:37:09.97
24/03/03	nominal	start of sun calibration: 11:05:25.94
25/03/03	nominal	start of sun calibration: 10:33:40.37
26/03/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
27/03/03	nominal	start of sun calibration: 12:51:22.42
	nominal monthly calibration performed	
28/03/03	during Orbits 41490 - 41495 two Orbits in Nadir Static View	start of sun calibration: 12:19:36.85
	41487, 41488	
29/03/03	nominal	start of sun calibration: 11:47:57.30
30/03/03	nominal	start of sun calibration: 11:16:11.73
31/03/03	nominal anomalous long dump	start of sun calibration: 10:44:26.16

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
02/03/03	41116	12:11:52 - 12:26:15	anomalous long science dump at KS no data processing possible
03/03/03	41126	05:23:24 - 05:24:25	small gap at PS
04/03/03	41144	11:02:42 - 11:04:19	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
05/03/03	41158	10:36:47 - 11:08:09	many small gaps
10/03/03	41224	00:59:10 - 00:59:59	small gap at GS
10/03/03	41226	04:46:39 - 05:03:34	many small gaps at GS
12/03/03	41253	02:05:54 - 02:17:51	gap at GS
14/03/03	41288	12:27:35 - 12:29:12	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
15/03/03	41296-297	02:23:42 - 03:03:59	gap at GS
18/03/03	41433	05:51:36 - 07:47:55	gap at KS
21/03/03	41388	12:12:36 - 12:26:59	anomalous long science dump at KS, no data processing possible
22/03/03	41399	06:23:21 - 06:24:11	small gap at KS
24/03/03	41430	10:31:21 - 10:32:57	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
24/03/03	41437	22:31:00 - 22:32:38	small gap at KS
26/03/03	41456	05:23:32 - 05:24:21	small gap at PS
26/03/03	41460	11:57:28 - 13:45:44	many small gaps at KS
27/03/03	41469	02:46:30 - 03:35:13	gap at GS
31/03/03	41530	10:16:27 - 10:30:50	anomalous long science dump at KS no data processing possible

Lamp Failures: none

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
04/03/03	11:02:42 off	FPA 1: 244.7
		FPA 2: 245.3
	11:04:32 on	FPA 3: 244.9
		FPA 4: 244.9
14/03/03	12:27:35 off	FPA 1: 244.5
		FPA 2: 245.1
	12:29:25 on	FPA 3: 244.8
		FPA 4: 244.9
24/03/03	10:31:21 off	FPA 1: 244.5
		FPA 2: 245.0
	10:33:10 on	FPA 3: 244.6
		FPA 4: 244.9

timeline interruptions: (operations in nadir static view):

Date	Orbit No.	Duration	remark
01/03/03	41105	16:29:52 - 18:05:47	ESOC unavailability fax ER2-UNA-2003/005; due to an AMI emergency switch down the GOME timeline was interrupted

Narrow Swath Timeline

Date	Orbit No.	Duration	remark
04-05/03/03	41145 - 159	~13:30 (04/03/03) - ~11:00 (05/03/03)	Narrow Swath Timeline GMNNOT41 executed
14-15/03/03	41290 - 304	~14:30 (14/03/03) - ~14:00 (15/03/03)	Narrow Swath Timeline GMNNOT41 executed
24/03/03	41432 - 438	~12:30 (24/03/03) - ~22:50 (24/03/03)	Narrow Swath Timeline GMNNOT41 executed
24-25/03/03	41439 - 445	22:50 (24/03/03) - 10:00 (25/03/03)	GMNNOT41 is alternating with GMNNPT35 due to a mission planning error

others:

Date	Orbit No.	Duration	remark
14/03/03	41284	04:00	GOME North Polar View operations activated