

**GOME Operations during April 2003**

Date	operations	remark
01/04/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
02/04/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
03/04/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
04/04/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
05/04/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
06/04/03	nominal	start of sun calibration: 10:55:19.00
07/04/03	nominal	start of sun calibration: 10:23:33.43
08/04/03	nominal anomalous long dump	start of sun calibration: 13:13:01.06
09/04/03	nominal	start of sun calibration: 12:41:21.50
10/04/03	nominal	start of sun calibration: 12:09:35.94
11/04/03	nominal	start of sun calibration: 11:37:56.36
12/04/03	nominal	start of sun calibration: 11:06:10.22
13/04/03	nominal	start of sun calibration: 10:34:31.22
14/04/03	nominal	no solar calibration available due to data gap
15/04/03	nominal	start of sun calibration: 12:52:18.15
16/04/03	nominal	start of sun calibration: 12:20:32.58
17/04/03	nominal	start of sun calibration: 11:48:53.01
18/04/03	nominal	start of sun calibration: 11:17:07.43
19/04/03	nominal	start of sun calibration: 10:45:27.86
20/04/03	nominal	start of sun calibration: 10:13:42.29
21/04/03	nominal	start of sun calibration: 13:03:15.92
22/04/03	nominal	start of sun calibration: 12:31:30.35
23/04/03	nominal	start of sun calibration: 11:59:50.79
24/04/03	nominal	start of sun calibration: 11:28:04.29
25/04/03	nominal	start of sun calibration: 10:56:24.72
26/04/03	nominal	start of sun calibration: 10:24:45.15
27/04/03	nominal	start of sun calibration: 13:14:12.78
	nominal monthly calibration performed	
28/04/03	during Orbits 41934 - 41939 two Orbits in Nadir Static View 41931, 41932	start of sun calibration: 12:42:27.21
29/04/03	nominal	start of sun calibration: 12:10:47.66
30/04/03	nominal	no solar calibration data available due to data gap

**Anomalies:**

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
04/04/03	41593	18:47:37 - 20:27:11	KS orbit missing
04/04/03	41588	11:24:32 - 11:26:09	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
06/04/03	41616	10:21:12 - 10:39:21	gap at KS
08/04/03	41649	17:16:02 - 17:49:07	EGOI gap (NRT) due to missing file EGOI_030408KSEP1834.E2;1
08/04/03	41652	22:48:30 - 23:02:52	anomalous long science dump at KS no data processing possible
14/04/03	41730	08:40:39 - 10:21:21	KS orbit missing
14/04/03	41736	19:32:07 - 19:33:43	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
22/04/03	41851	19:21:53 - 19:54:54	EGOI gap due to missing file EGOI_030422KSEP2238.E2;1
24/04/03	41874	10:53:47 - 10:55:23	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
26/04/03	41899	03:43:20 - 04:00:21 05:26:19 - 05:27:19	data gaps at PS
30/04/03	41959-60	08:37:47 - 11:45:00	data gap at KS due to IDHT tape recorder maintenance (see unavailability fax ERS2-2003/12)
30/04/03	41961	11:57:35 - 13:41:01	data gap at KS due to IDHT tape recorder maintenance (see unavailability fax ERS2-2003/12)

Lamp Failures: none

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
04/04/03	11:24:32 off	FPA 1: 244.7
		FPA 2: 245.1
	11:26:22 on	FPA 3: 244.8
		FPA 4: 244.8
14/04/03	19:32:07 off	FPA 1: 244.5
		FPA 2: 244.9
	19:33:56 on	FPA 3: 244.5
		FPA 4: 244.8
24/04/03	10:53:47 off	FPA 1: 244.9
		FPA 2: 245.1
	10:55:37 on	FPA 3: 244.9
		FPA 4: 244.9

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

Narrow Swath Timeline

Date	Orbit No.	Duration	remark
04-05/04/03	41590 - 603	~13:30 (04/04/03) - ~12:30 (05/04/03)	Narrow Swath Timeline GMNNOT41 executed

14-15/04/03 41732 - 747 ~11:30 (14/04/03) - Narrow Swath Timeline GMNNOT41 executed  
~13:00 (15/04/03)

24-25/04/03 41876 - 889 ~13:00 (24/04/03) - Narrow Swath Timeline GMNNOT41 executed  
~11:00 (25/04/03)

others: none