

GOME Operations during June 2003

Date	operations	remark
01/06/03	nominal	start of sun calibration: 11:31:20.49
02/06/03	nominal	start of sun calibration: 10:59:40.94
03/06/03	nominal	start of sun calibration: 10:28:01.38
04/06/03	nominal anomalous long dump	start of sun calibration: 13:17:34.06
05/06/03	nominal	start of sun calibration: 12:45:54.64
06/06/03	nominal	start of sun calibration: 12:14:15.09
07/06/03	nominal	start of sun calibration: 11:42:35.54
08/06/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
09/06/03	nominal	no solar calibration performed due to the execution of an ERS2 orbit manoeuvre
10/06/03	nominal	start of sun calibration: 10:07:36.89
11/06/03	nominal	start of sun calibration: 12:57:16.56
12/06/03	nominal	start of sun calibration: 12:25:37.01
13/06/03	nominal	start of sun calibration: 11:53:57.45
14/06/03	nominal	no solar calibration data available due to data gap
15/06/03	nominal	start of sun calibration: 10:50:42.39
16/06/03	nominal anomalous long dump	start of sun calibration: 10:19:02.85
17/06/03	nominal	start of sun calibration: 13:08:36.51
18/06/03	nominal	start of sun calibration: 12:37:02.96
19/06/03	nominal	start of sun calibration: 12:05:23.41
20/06/03	nominal	start of sun calibration: 11:33:43.84
21/06/03	GOME switch-off : 14:39:49 - 17:50:26 anomalous long dump	start of sun calibration: 11:02:10.29 (with nominal temperatures ~235K), 19:25:07.47 (TST44 with warm detectors T=~268 K)
22/06/03	nominal IDHT switch off : 13:59	start of sun calibration: 10:30:31.23
23/06/03	no data	no solar calibration data available
24/06/03	Payload switch off Start: 16:20	no solar calibration data available
25/06/03	no data	no solar calibration data available
26/06/03	no data	no solar calibration data available
27/06/03	no data	no solar calibration data available
28/06/03	no data	no solar calibration data available
29/06/03	no data	no solar calibration data available
30/06/03	no data	no solar calibration data available

Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
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02/06/03	42436	16:15:05 - 17:41:46	gap at KS
03/06/03	42450	15:44:09 - 17:22:47	gap at KS
04/06/03	42456	03:17:56 - 03:18:35	small gap at GS
04/06/03	42458	05:23:44 - 05:24:33	small gap at PS
04/06/03	42462	12:43:04 - 12:44:41	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
04/06/03	42468	22:52:57 - 23:07:19	anomalous long science dump at KS no data processing possible
05/06/03	42470	02:07:52 - 02:09:28	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag) usually planned only on days 04, 14, 24 each month
08/06/03	42513	02:52:21 - 02:53:00	small gap at GS
12/06/03	42580	16:29:21 - 17:39:47	many small gaps at KS
13/06/03	42586	03:58:48 - 04:44:21	small gaps at PS
		01:58:26 - 02:00:05	
14/06/03	42599	02:00:10 - 02:00:20 02:00:32 - 02:00:35	small gaps at GS
		02:56:40 - 02:56:49	
14/06/03	42604	10:04:23 - 11:43:35	due to an Emergency switch down due to Format Acquisition Error, GOME was unavailable (Payload synchronisation) see, ER-UNA-2003-022
14/06/03	42606	14:09:06 - 14:10:42	gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag)
15/06/03	42617	07:51:02 - 09:32:50	KS orbit missing
15/06/03	42625	21:09:58 - 21:11:19	small gap at KS
16/06/03	42630	06:29:38 - 06:44:01	anomalous long science dump at KS, no data processing possible
18/06/03	42660	09:38:37 - 09:41:12	small gap at KS
		00:55:41 - 00:55:44	
20/06/03	42684	00:57:19 - 00:57:20	few small gaps at GS
		01:29:40 - 01:29:59	
20/06/03	42698	23:39:22 - 23:39:24	small gaps at GS
		23:39:25 - 23:43:01	
21/06/03	42698	00:04:54 - 01:03:51	small gaps at GS
21/06/03	42698	00:30:20 - 00:43:47	anomalous long science dump at GS, no data processing possible
21/06/03	42707-708	14:39:49 - 17:50:26	due to a GOME RTM counter anomaly the instrument was unavailable (Payload synchronisation) see, ER-UNA-2003-023-024
		01:16:06 - 01:16:08	
		01:16:14 - 01:16:15	
		01:16:17 - 01:16:18	
22/06/03	42713	01:31:00 - 01:31:02	few small gaps at GS
		02:00:35 - 02:00:37	
		02:00:49 - 02:00:50	
		02:05:49 - 02:05:50	
22/06/03	42719	10:52:47 - 11:56:15	gap at KS
22/06/03	42720	12:31:21 - 13:58:08	gap at KS
		13:59:44 (22/06/03) - 12:56:01 (24/06/03)	IDHT Tape recorder A switched off due to motor overcurrent, (see ER-UNA-2003/025)
		&	
22/06/03 - 01/07/03	42720 - 42849	13:06:33 (24/06/03) - 14:14:59 (01/07/03)	(no data except small data set dump orbit 42749, KS, 12:56:01 - 13:06:33(24/06/03))
			&

Payload switched off due to MCMD incorrect TimeTag

24/06/2003 16:20 , (see ER2-UNA 2003-26)

Lamp Failures: none

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
04/06/03	12:43:04 off	FPA 1: 244.6
		FPA 2: 244.9
	12:44:54 on	FPA 3: 244.7
		FPA 4: 244.9
05/06/03	02:07:52 off	FPA 1: 244.6
		FPA 2: 244.9
	02:09:41 on	FPA 3: 244.6
		FPA 4: 244.7
14/06/03	14:09:06 off	FPA 1: 244.4
		FPA 2: 244.9
	14:10:55 on	FPA 3: 244.5
		FPA 4: 244.9
21/06/03	14:39:49 off	FPA 1: 278.9
		FPA 2: 278.7
	19:31:03 on	FPA 3: 278.7
		FPA 4: 278.6

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

Narrow Swath Timeline

Date	Orbit No.	Duration	remark
04-05/06/03	42463 - 476	~15:00 (04/06/03) - ~12:00 (05/06/03)	Narrow Swath Timeline GMNNOT41 executed
14-15/06/03	42605 - 619	~13:00 (14/06/03) - ~10:30 (15/06/03)	Narrow Swath Timeline GMNNOT41 executed

others: none