
Summary of Anomalies:

station info

KS dump orbit 42394 EGOI HDDT flag set 16:09:26 - 16:42:25

KS dump orbit 42396 EGOI HDDT flag set 19:27:39 - 20:00:38

instrument info

EGOI

1 - anomalous long science dump at KS dump orbit 42390, 10:25:51 - 10:40:14,
no data processing possible

2 - Memory Dump (change to the day before):

address 1300B in E2PROMCOPY changed from template value 10 to actual 1

GOME Daily Reports Analysis 30 May 2003

Station ID	OK	
MPH Product Confidence		HDDT flag set see above
SPH Window Information	OK	
Command Word Echo Summary	OK	
Instrument Status 1A	OK	
Instrument Status 1B	OK	
Instrument Status 2	OK	
Integration Times Channel 1	OK	
Co-Adding and Cluster Mode Flags	OK	
Integration Times Band 2A	OK	
Integration Times Band 2B	OK	
Integration Times Band 3	OK	
Integration Times Band 4	OK	
Scan Mirror Position	OK	
Polarisation Detectors	OK	
FPA Temperatures A	OK	
FPA Temperatures B	OK	
Charge Amp Temperatures	OK	
Other Temperatures A	OK	
DDHU Temperatures	OK	
Optical Bench Temperatures	OK	
Other Temperatures B	OK	
Calibr. Lamp and Instr. Status 3	>>	Solar calibration performed in dump Orb. 42391 start of sun calibration 12:34:38.87 intensity of sun calibration: ~ 16005 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU)
		anomalous long science dump at KS dump orbit 42390, 10:25:51 - 10:40:14, no data processing possible
Scan Mirror Motor Current	OK	
Selected Temperature A	OK	
Selected Temperature B	OK	
Selected Temperature C	OK	
Channel 1 Summation	OK	
Channel 2 Summation	OK	
Channel 4 Summation	OK	
Log pages	OK	
331/318 nm Uncal. Line Ratio	OK	
Uncal. PMDs as RGB signal	OK	
780 nm Uncal. Intensity	OK	

GOME Memory Dump Check 30 May 2003

8900 differences found in RAM1 area
0 differences found in PROMCOPY area
7 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
1797E	1	0
17FFF	FD	FF

0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area