
Summary of Anomalies:

station info

GS dump orbit 37173 EGOI data gap 23:47:54(30/05/2002) - 01:30:18 (31/05/2002)
 (due to an antenna problem at GS)
 GS dump orbit 37174 EGOI few small gaps 01:30:33 - 01:30:35
 01:33:50 - 01:33:53
 01:34:02 - 01:34:05
 GS dump orbit 37175 EGOI data gaps 02:42:31 - 02:42:34
 02:42:35 - 02:42:37
 02:42:40 - 02:42:43
 02:42:44 - 02:42:46
 02:46:40 - 02:46:41
 02:46:59 - 02:47:04
 02:47:05 - 03:05:17

instrument info

EGOI
 1 - Memory Dump (change to the day before):
 address 1300B in E2PROMCOPY changed from template value 10 to actual 1

 GOME Daily Reports Analysis 31 May 2002

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 02:42:44 - 02:42:46
 02:46:40 - 02:46:41
 02:46:59 - 02:47:04
 02:47:05 - 03:05:17

MPH Product Confidence OK
 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. 37181
 start of sun calibration 13:14:48.41
 intensity of sun calibration:
 ~16820 BU ->PMD2 readouts analysed with ERGO;
 (note: due to seasonal effects nominal values
 range between ~16000 - ~19000 BU
 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

31 May

2002

8884 differences found in RAM1 area

0 differences found in PROMCOPY area

5 differences found in E2PROMCOPY area

Address Actual Template

12FDE 0 FF

12FDF 7 FF

13003 0 1

13007 0 1

1300B 1 10

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area