
Summary of Anomalies:

station info

KS dump orbits 37884-87 EGOI data gap 14:54:10 - 20:23:25

instrument info

EGOI

- 1 - gap at KS due to the execution of timeline GMN11
(switch-off/switch-on in time-tag)
dump Orb. 37887, 20:23:25 - 20:25:02
coolers off: 20:23:25 - 20:25:15
- 2 - anomalous long science dump at KS, dump orbit 37882,
12:03:28 - 12:17:51, no data processing possible
- 3 - Memory Dump (change to the day before):
address F2F9 in PROMCOPY changed from template value 35 to actual B5
(this address changed twice before, days of occurrence: 15/05/2000
17/10/2001)

GOME Daily Reports Analysis 19 Jul 2002

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Station ID                    - KS dump orbits 37884-87 EGOI data gap 14:54:10 - 20:23:25
                              - gap at KS due to the execution of timeline GMN11
                              (switch-off/switch-on in time-tag)
                              dump Orb. 37887, 20:23:25 - 20:25:02

MPH Product Confidence        OK
SPH Window Information        OK
Command Word Echo Summary    OK
Instrument Status 1A          OK
Instrument Status 1B          OK
Instrument Status 2            >>coolers off: 20:23:25 - 20:25:15
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            >>Max warm up of detectors:244.6, 244.9
FPA Temperatures B            >>Max warm up of detectors:244.6, 244.8
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. 37881
                                  start of sun calibration 10:54:08.58
                                  intensity of sun calibration:
                                  ~16860 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 37882, 12:03:28 - 12:17:51, 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

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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

19 Jul

2002

8910 differences found in RAM1 area

1 differences found in PROMCOPY area

Address	Actual	Template
F2F9	B5	35

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