
Summary of Anomalies:

station info

MS dump orbit 38748 EGOI few small gaps 23:09:01 - 23:09:03 (17/09/02)
00:20:18 - 00:20:21 (18/09/02)
00:20:56 - 00:21:05 (18/09/02)
00:21:06 - 00:21:09 (18/09/02)
00:21:20 - 00:21:21 (18/09/02)

MS dump orbit 38748 EGOI corrupted product 00:20:54 (18/09/02)

instrument info

EGOI
1 - Memory Dump (change to the latest available data day 14/09/02):
address 1300B in E2PROMCOPY changed back to template value

GOME Daily Reports Analysis 17 Sep 2002

Station ID MS dump orbit 38748 EGOI few small gaps 23:09:01 - 23:09:03
00:20:18 - 00:20:21
00:20:56 - 00:21:05
00:21:06 - 00:21:09
00:21:20 - 00:21:21

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 corrupted product, MS d. orb. 38748 00:20:54
Other Temperatures A corrupted product, MS d. orb. 38748 00:20:54
DDHU Temperatures corrupted product, MS d. orb. 38748 00:20:54
Optical Bench Temperatures corrupted product, MS d. orb. 38748 00:20:54
Other Temperatures B corrupted product, MS d. orb. 38748 00:20:54
Calibr. Lamp and Instr. Status 3 >> Solar calibration performed
 in dump Orb. 38741
 start of sun calibration 12:54:41.59
 intensity of sun calibration:
 ~17115 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 corrupted product, MS d. orb. 38748 00:20:54
Selected Temperature B corrupted product, MS d. orb. 38748 00:20:54
Selected Temperature C corrupted product, MS d. orb. 38748 00:20:54
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

17 Sep

2002

8874 differences found in RAM1 area

0 differences found in PROMCOPY area

4 differences found in E2PROMCOPY area

Address Actual Template

12FDE 0 FF

12FDF 7 FF

13003 0 1

13007 0 1

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area