
Summary of Anomalies:

station info

PS dump orbit 36475 EGOI few small data gaps
 04:20:47 - 04:20:48
 04:30:18 - 04:30:20
 04:31:59 - 04:32:00
 04:32:57 - 04:32:59
 04:50:38 - 04:50:39

PS dump orbit 36475 EGOI corrupted products 03:59:24, 04:48:54, 05:06:29

instrument info

EGOI

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

 GOME Daily Reports Analysis 12 Apr 2002

Station ID PS dump orbit 36475 EGOI few small data gaps
 04:20:47 - 04:20:48
 04:30:18 - 04:30:20
 04:31:59 - 04:32:00
 04:32:57 - 04:32:59
 04:50:38 - 04:50:39

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 -GOME polar viewline GMNPT36 operated
 Polarisation Detectors OK
 FPA Temperatures A OK
 FPA Temperatures B corrupted product 04:48:54 dump orb. 36475
 Charge Amp Temperatures OK
 Other Temperatures A corrupted product 05:06:29 dump orb. 36475
 DDHU Temperatures corrupted product 03:59:24 dump orb. 36475
 Optical Bench Temperatures OK
 Other Temperatures B OK
 Calibr. Lamp and Instr. Status 3 >> Solar calibration performed
 in dump Orb. 36479
 start of sun calibration 12:18:00.60
 intensity of sun calibration:
 ~17520 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

12 Apr

2002

8760 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