

\*\*\*\*\*

Summary of Anomalies:

station info  
 KS dump orbit 37642 EGOI few small data gaps  
     17:55:43 - 17:55:45  
     17:55:51 - 17:55:52  
     17:55:54 - 17:55:55  
     17:56:01 - 17:56:03  
     17:56:07 - 17:56:09  
     17:56:22 - 17:56:24

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            02 Jul            2002  
 -----

Station ID                            KS dump orbit 37642 EGOI few small data gaps  
     17:55:43 - 17:55:45  
     17:55:51 - 17:55:52  
     17:55:54 - 17:55:55  
     17:56:01 - 17:56:03  
     17:56:07 - 17:56:09  
     17:56:22 - 17:56:24

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. 37639  
                                       start of sun calibration 13:08:39.08  
                                       intensity of sun calibration:  
                                       ~16770 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

02 Jul

2002  
-----

8835 differences found in RAM1 area

0 differences found in PROMCOPY area

6 differences found in E2PROMCOPY area

Address Actual Template

12FDE 0 FF

12FDF 7 FF

13003 0 1

13007 0 1

1300B 1 10

17FFF FD FF

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area