
 Monthly Calibration from ~13:00 - ~21:30 (Orb.35864-868 at KS)

Summary of Anomalies:

station info:
 GS dump orbit 35857 EGOI data gap (full orbit),
 23:39:16 (27/02/02) - 01:09:33 (28/02/02)
 KS dump orbit 35867 EGOI small data gap 18:17:56 - 18:19:12

instrument info

EGOI
 1 - Memory Dump (change to the latest available data day 25/02/2002):
 address 1300B in E2PROMCOPY changed back to template value
 address 14533 in E2PROMCOPY changed from template value FF to actual FD
 (this address changed only once before on day 02/03/1999)

2 - calibration lamp instability:

dump orbit 35865
 voltage: 1 prd. 205.0 (nom =~197 V) (prod of lamp ignition)
 1 prd. 203.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 203.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 dump orbit 35866
 voltage: 1 prd. 203.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 1 prd. 207.0 (nom =~197 V) (prod of lamp ignition)
 dump orbit 35867
 voltage: 1 prd. 204.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 201.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 dump orbit 35868
 voltage: 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
 1 prod 256.6 (nom =~197 V) (prod in middle of cal sequence)
 dump orbit 35869
 voltage: 1 prd. 203.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 203.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 203.5 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)

 GOME Daily Reports Analysis 28 Feb 2002

Station ID GS dump orbit 35857 EGOI data gap (full orbit),
 23:39:16 (27/02/02) - 01:09:33 (28/02/02)
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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

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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. 35863
                                   start of sun calibration 11:33:58.440
                                   intensity of sun calibration:
                                   ~17950 BU ->PMD2 readouts analysed with ERGO;
                                   (note: due to seasonal effects nominal values
                                   range between ~16000 - ~19000 BU
                                   calibration lamp instability (see above)

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
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GOME Memory Dump Check

28 Feb

2002

GOME Daily Dump Check of processing day 020228

8873 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

14533 FD FF

17FFF FD FF

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area