
Summary of Anomalies:

Station info

KS
 orbit 36262 EGOI HDDT flag set
 orbit 36264 EGOI HDDT flag set
 orbit 36266 EGOI gap 14:44:05 - 14:44:56
 orbit 36267 EGOI HDDT flag set

MS
 orbit 36257 software can not process file EGOI_020328MSEP6966.E2

Instrument info

1 - Calibration lamp instability:

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dump orbit 36265
voltage: 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 203.8 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.0 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.2 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.6 (nom =~197 V) (prod of lamp ignition)

dump orbit 36266
voltage: 1 prd. 204.3 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 205.0 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.5 (nom =~197 V) (prod of lamp ignition)

dump orbit 36267
voltage: 1 prd. 204.7 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.5 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 203.8 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.2 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.3 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 206.2 (nom =~197 V) (prod in middle of cal sequence)

dump orbit 36268
voltage: 1 prd. 204.2 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.3 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.8 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.8 (nom =~197 V) (prod of lamp ignition)

dump orbit 36269
voltage: 1 prd. 204.6 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.7 (nom =~197 V) (prod of lamp ignition)
voltage: 1 prd. 204.3 (nom =~197 V) (prod of lamp ignition)
  
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 GOME Daily Reports Analysis 28 Mar 2002

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Station ID                    orbit 36266 EGOI gap 14:44:05 - 14:44:56
MPH Product Confidence       orbit 36262 EGOI HDDT flag set
                             orbit 36264 EGOI HDDT flag set
                             orbit 36267 EGOI HDDT flag set

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
  
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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. 36264
                                  start of sun calibration 10:10:15
                                  intensity of sun calibration:
                                  ~ 17800 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 Mar

2002

GOME Daily Dump Check of processing day 020328

8848 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