
 Monthly Calibration from ~12:30 - ~21:00 (Orb.35420-424 at KS)

 Summary of Anomalies:

instrument info:

EGOI

1 - calibration lamp instability:

all values of voltage are noisy (offset of ~2V)

dump orbit 35421

voltage: 1 prd. 215.0 (nom =~197 V) (prod of lamp ignition)

1 prd. 205.5 (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 35422

voltage: 1 prd. 199.2 (nom =~197 V) (prod of lamp ignition)

1 prd. 199.3 (nom =~197 V) (prod of lamp ignition)

1 prd. 199.4 (nom =~197 V) (prod of lamp ignition)

dump orbit 35423

voltage: 1 prd. 200.2 (nom =~197 V) (prod of lamp ignition)

1 prd. 200.2 (nom =~197 V) (prod of lamp ignition)

1 prd. 204.4 (nom =~197 V) (prod of lamp ignition)

1 prd. 200.1 (nom =~197 V) (prod of lamp ignition)

dump orbit 35424

! at prod ~1410 ,utc time 18:28:54 sudden decrease of voltage
 (in the middle of lamp sequence) from a value 196.8V to about 195.2V)

no further decrease noticed, no lamp failure

voltage: 1 prd. 204.6 (nom =~197 V) (prod of lamp ignition)

1 prd. 201.0 (nom =~197 V) (prod of lamp ignition)

1 prd. 200.5 (nom =~197 V) (prod of lamp ignition)

1 prd. 201.5 (nom =~197 V) (prod of lamp ignition)

dump orbit 35425

voltage: 1 prd. 200.5 (nom =~197 V) (prod of lamp ignition)

1 prd. 200.5 (nom =~197 V) (prod of lamp ignition)

1 prd. 200.5 (nom =~197 V) (prod of lamp ignition)

1 prd. 203.0 (nom =~197 V) (prod of lamp ignition)

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Station ID	OK
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. 35419
start of sun calibration 11:11:20.61
intensity of sun calibration:
~18160 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

GOME Memory Dump Check

28 Jan

2002

8847 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