



 Monthly Calibration from 12:12:17 - 20:23:05 (Orb.38897-38902 at KS)

Summary of Anomalies:

Station info:
 GS orbit 38894 EGOI gap 05:26:20 - 05:27:28
 KS orbit 38900 EGOI gap 15:01:04 - 15:01:55

Instrument info:

1 - Memory Dump (change to the day before):
 Address 1300B in E2PROMCOPY changed back from actual value 1 to template 10

2 - calibration lamp instability:

dump orbit 38898
 voltage: 1 prd. 206.0 (nom =~197 V) (prod of lamp ignition)

dump orbit 38899
 voltage: 1 prd. 204.8 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.1 (nom =~197 V) (prod of lamp ignition)
 1 prd. 206.7 (nom =~197 V) (prod of lamp ignition)
 1 prd. 206.3 (nom =~197 V) (prod of lamp ignition)

dump orbit 38900
 voltage: 1 prd. 205.6 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.7 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.9 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.6 (nom =~197 V) (prod of lamp ignition)

dump orbit 38901
 voltage: 1 prd. 204.9 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.6 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.1 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.3 (nom =~197 V) (prod of lamp ignition)

dump orbit 38902
 voltage: 1 prd. 205.1 (nom =~197 V) (prod of lamp ignition)
 1 prd. 203.2 (nom =~197 V) (prod of lamp ignition)
 1 prd. 204.6 (nom =~197 V) (prod of lamp ignition)
 1 prd. 202.7 (nom =~197 V) (prod of lamp ignition)

dump orbit 38903
 voltage: 1 prd. 202.7 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.1 (nom =~197 V) (prod of lamp ignition)
 1 prd. 205.4 (nom =~197 V) (prod of lamp ignition)

 GOME Daily Reports Analysis 28 Sep 2002

Station ID
 KS orbit 38900 EGOI gap 15:01:04 - 15:01:55
 GS orbit 38894 EGOI gap 05:26:20 - 05:27:28

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

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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. 38897
                                   start of sun calibration 10:29:25
                                   intensity of sun calibration:
                                   ~ 17200 BU ->PMD2 readouts analysed with ERGO;
                                   (note: due to seasonal effects nominal values
                                   range between ~16000 - ~19000 BU)

                                   Calibration lamp instability (see above)

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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 Sep          2002
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GOME Daily Dump Check of processing day 020928

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8846 differences found in RAM1 area
0 differences found in PROMCOPY area
5 differences found in E2PROMCOPY area

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Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
13B74	FB	FF

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0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area

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