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Monthly Calibration mode from ~14:00 - ~23:00 (Orb.41934-39 at KS)  
 (NO occurrence of Lamp Failures)

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Summary of Anomalies:

station info

OK

instrument info

EGOI

1 - calibration lamp instability:

dump orbit 41934-39

voltage: all values of lamp ignition (1 product) are ~6V - 7V higher than nominal values (nom ~197 V);

otherwise nominal behaviour of voltage (i.e. no decrease

during calibration lamp sequences)

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 GOME Daily Reports Analysis

28 Apr

2003  
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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-GOME polar viewline GMNPT36 operated

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. 41933  
 start of sun calibration 12:42:27:21  
 intensity of sun calibration:  
 ~ 16580 BU ->PMD2 readouts analysed with ERGO;  
 (note: due to seasonal effects nominal values

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 Apr

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8941 differences found in RAM1 area  
0 differences found in PROMCOPY area  
5 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10

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