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Summary of Anomalies:

station info

GS dump orbit 42685 EGOI few small gaps 00:55:41 - 00:55:44
00:57:19 - 00:57:20
01:29:40 - 01:29:59
GS dump orbit 42699 EGOI few small gaps 23:39:22 - 23:39:24
23:39:25 - 23:43:01
GS dump orbit 42699 EGOI corrupted products 23:39:22, 23:39:24

instrument info

EGOI
1 - Memory Dump (change to the day before):
address 1300B in E2PROMCOPY changed from template value 10 to actual 1
address 116CC in E2PROMCOPY changed from template value 8 to actual A
(first occurrence of a change in this address)
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GOME Daily Reports Analysis 20 Jun 2003
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Station ID see above
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 corrupted product Band 1A ~23:39
Co-Adding and Cluster Mode Flags OK
Integration Times Band 2A OK
Integration Times Band 2B OK
Integration Times Band 3 corrupted product ~23:39
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. 42691
start of sun calibration 11:33:43.84
intensity of sun calibration:
~ 15985 BU ->PMD2 readouts analysed with ERGO;
(note: due to seasonal effects nominal values
range between ~16000 - ~19000 BU)
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 20 Jun 2003
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8938 differences found in RAM1 area  
0 differences found in PROMCOPY area  
7 differences found in E2PROMCOPY area

Address	Actual	Template
116CC	A	8
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