

GOME Daily Reports Analysis

17 Apr

2000

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**Summary of Anomalies:**

1 - small gap at KS, dump Orb. 26098,  
05:25:00 - 05:25:37

2 - anomalous long science dump at GS, no data processing possible  
dump Orb. 26095, 01:33:09 - 01:47:31

3 - Memory Dump (change to day 15/04/2000):  
1300B changed back to template value 10

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Station ID	>>small gap at KS, dump Orb. 26098, 05:25:00 - 05:25:37
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	>>GOME polar view timeline GMNNPT36 operated as planned (between 04/04/2000 - 05/05/2000)
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	>>anomalous long science dump at GS, dump Orb. 26095, 01:33:09 - 01:47:31
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 3 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

17 Apr

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8921 differences found in RAM1 area  
0 differences found in PROMCOPY area  
36 differences found in E2PROMCOPY area

Address Actual Template

10040	7F	47
10041	C0	C7
10042	A3	E0
10043	D	2

10044	B4	C7
10045	44	10
10046	44	FA
10047	B0	46
10048	60	0
10049	74	2C
1004A	DA	46
1004B	5E	C7
1004C	C0	0
1004D	7F	FC
1004E	D	C4
1004F	A3	0
10050	44	FA
10051	B4	5E
10052	B0	C7
10053	44	26
10054	74	0
10055	60	7
10056	5E	26
10057	DA	0
10058	5E	47
10059	1	C7
1005A	74	E0
1005B	DA	2
1005C	39	C7
1005D	60	10
10F65	50	70
11367	32	72
12FDE	0	FF
12fdf	7	FF
13003	0	1
13007	0	1

0 differences found in E2PROM area

0 differences found in RAM2 area

0 differences found in PROM area