
Summary of Anomalies:

instrument info

EGOI

1 GOME unavailability due to IDHT unavailability
 (see ER2-UNA - 2002/020):
 - data gap 22:06 dump Orb. 36586, MS - 00:00

2 - anomalous long science dump at GS, dump orb.36573,
 01:25:31 - 01:39:54, no data processing possible

3 - Memory Dump (change to the day before):
 sudden increase of differences in E2PROMCOPY from a number of 5 to a
 number of 34 (details see below)

 GOME Daily Reports Analysis 19 Apr 2002

Station ID	GOME unavailability due to IDHT unavailability (see ER2-UNA - 2002/020): - data gap 22:06 dump Orb. 36586, MS - 00:00
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 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. 36579 start of sun calibration 11:57:16.07 intensity of sun calibration: ~17405 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU
	anomalous long science dump at GS, dump orb.36573, 01:25:31 - 01:39:54, no data processing possible
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

19 Apr

2002

8822 differences found in RAM1 area

0 differences found in PROMCOPY area

34 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	30	0
10049	51	2C
1004A	DF	46
1004B	51	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	51	0
10055	30	7
10056	51	26
10057	DF	0
10058	51	47
10059	1	C7
1005A	51	E0
1005B	DF	2
1005C	16	C7
1005D	30	10
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