
Summary of Anomalies:

- 1 - KS dump orbit 33656 EGOI small data gap 07:24:38 - 07:25:11
- 2 - anomalous long science dump at KS, dump Orb. 33656,
06:43:01 - 06:57:24, no data processing possible
- 3 - Memory Dump (change to the day before):
address 1082B in E2PROMCOPY changed from template value 8D to actual 8C
(this address changed only once before on day 15/05/2000)

 GOME Daily Reports Analysis 27 Sep 2001

Station ID	KS dump orbit 33656 EGOI small data gap 07:24:38 - 07:25:11
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 GMNSPT31 as planne
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. 33659 start of sun calibration 12:13:02.40 intensity of sun calibration: ~18000 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU) anomalous long science dump at KS, dump Orb. 33656, 06:43:01 - 06:57:24, 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 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

 GOME Memory Dump Check 27 Sep 2001

8931 differences found in RAM1 area

1 differences found in PROMCOPY area

Address	Actual	Template
F7B5	1A	A

7 differences found in E2PROMCOPY area

Address	Actual	Template
1082B	8C	8D
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