
Summary of Anomalies:

- 1 - Memory Dump (change to the day before):
 address 1300B in E2PROMCOPY changed back to template value
 5944 differences in addresses in PROMCOPY area found (all addresses
 between 1999C and 1B0DF, see below)
- 2 - ESOC unavailability fax ER2-UNA-2001/029
 due to an ERS-2 on-board anomaly (RA emergency switchdown)
 the GOME timeline was stopped, instrument in Nadir Static view
 dump orbit 33890, 13:54:27 - 15:25:21
- 3 - KS dump orbit 33885 EGOI data gap 07:21:24 - 07:22:06
- 4 - KS dump orbit 33890 EGOI data gap 15:01:12 - 15:02:00
- 5 - KS dump orbit 33894 EGOI missing 20:36:04 - 22:15:34

 GOME Daily Reports Analysis 13 Oct 2001

Station ID	KS dump orbit 33885 EGOI data gap 07:21:24 - 07:22:06 KS dump orbit 33890 EGOI data gap 15:01:12 - 15:02:00 KS dump orbit 33885 EGOI missing 20:36:04 - 22:15:34
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 - timeline interruption dump orbit 33890, 13:54:27 - 15:25:21
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. 33873 start of sun calibration 11:02:50.64 intensity of sun calibration: ~18200 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 3 Summation	OK

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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

13 Oct

2001

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8877 differences found in RAM1 area
0 differences found in PROMCOPY area
4 differences found in E2PROMCOPY area
  
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Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1

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5944 differences found in E2PROM area
  
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Address	Actual	Template
1999C	BB	A3
1999D	BB	E8
1999E	BB	53
1999F	BB	C
199A0	BB	A
199A1	BB	A1
199A2	BB	A3
199A3	BB	53
199A4	BB	52
199A5	BB	90
199A6	BB	C
199A7	BB	A1
199A8	BB	A3
199A9	BB	53
199AA	BB	52
199AB	BB	92
199AC	BB	F8
199AD	BB	A1
199AE	BB	A3
199AF	BB	91
199B0	BB	52
199B1	BB	94
199B2	BB	3E
199B3	BB	83
199B4	BB	91
199B5	BB	F6
199B6	BB	B8
199B7	BB	0
199B8	BB	0
199B9	BB	1
199BA	BB	1
199BB	BB	75
199BC	BB	A3
199BD	BB	48
199BE	BB	52
199BF	BB	96
199C0	BB	B8
199C1	BB	57
199C2	BB	92
199C3	BB	4
199C4	BB	50
199C5	BB	1E
.		
.		
.		
19FFB	BB	FF
19FFC	BB	FF

19FFD	BB	FF
19FFE	BB	FF
19FFF	BB	FF
1A000	BB	FF
1A001	BB	FF
1A002	BB	FF
1A003	BB	FF
1A004	BB	FF
1A005	BB	FF
1A006	BB	FF
1A007	BB	FF
1A008	BB	FF
1A009	BB	FF
1A00A	BB	FF
1A00B	BB	FF
1A00C	BB	FF
1A00D	BB	FF
1A00E	BB	FF
1A00F	BB	FF
1A010	BB	FF
1A011	BB	FF

1B0D6	BB	18
1B0D7	BB	0
1B0D8	BB	AB
1B0D9	BB	F3
1B0DA	BB	EB
1B0DB	BB	5F
1B0DC	BB	B8
1B0DD	BB	CF
1B0DE	BB	12
1B0DF	BB	FD