
Summary of Anomalies:

- 1 - timeline interruption (TML 1 stopped), dump Orb. 24985
 11:29:07 - 12:57:43
 due to an ERS-2 on-board anomaly (see ER-UNA-2000/006)

- 2 - timeline not executed nominally, dump orbit 24985, KS, 11:29 - 12:57
 while instrument in Nadir Static Viewing mode:
 - co-adding flags not set only the "Average mode" flag
 is set during this orbit
 - Integration Times Channel 1 mainly at 60.0 sec for Band 1A
 (in nominal case day 17/01/2000 it was 12 sec)
 - Integration Times Band 2A time for many products at 1.5 sec
 (in nominal case day 17/01/2000 it was 0.375 sec)
 - Integration Times Band 2B time for many products at 1.5 sec
 (in nominal case day 17/01/2000 it was 0.375 sec)
 - Integration Times Band 3 + 4 time for many products at 1.5 sec
 (in nominal case day 17/01/2000 it was 0.375 sec)
 - one command word missing (compared to nadir view timeline on day
 17/01/2000)

- 3 - anomalous long science dump at KS, no data processing possible
 dump Orb. 24989, 19:19:11 - 19:33:34

- 4 - Memory Dump (change to the latest available data 27/01/00):
 address 12DD5 changed from template value FF to actual val.7F in E2PROMCOPY
 (first occurrence of a change in this address)
 changes also in addresses:
 10048, 10049, 1004A, 1004B, 10054, 10055, 10056, 10057, 10058,
 1005A, 1005B, 1005C, 1005D

Station ID	OK
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	>>pattern not repeated during dump orbit 24985, KS, ~11:29 - 12:57; Int. time mainly at 60.0 sec for Band 1A
Co-Adding and Cluster Mode Flags	>>no co-adding flags set during d.orbit 24985, ~11:29 - 12:57
Integration Times Band 2A	>>pattern not repeated during dump orbit 24985, KS, ~11:29 - 12:57; Int. time for many products at 1.5 sec
Integration Times Band 2B	>>pattern not repeated during dump orbit 24985, KS, ~11:29 - 12:57; Int. time for many products at 1.5 sec
Integration Times Band 3	>>pattern not repeated during dump orbit 24985, KS, ~11:29 - 12:57; Int. time for many products at 1.5 sec
Integration Times Band 4	>>pattern not repeated during dump orbit 24985, KS, ~11:29 - 12:57; Int. time for many products at 1.5 sec
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 >>anomalous long science dump at KS,
 dump Orb. 24989, 19:19:11 - 19:33:34

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 30 Jan 2000

8918 differences found in RAM1 area
 0 differences found in PROMCOPY area
 39 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	FA	0
10049	C8	2C
1004A	E5	46
1004B	75	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	C8	0
10055	FA	7
10056	75	26
10057	E5	0
10058	75	47
10059	1	C7
1005A	C8	E0
1005B	E5	2
1005C	3E	C7
1005D	FA	10
112A7	B	3
1229F	D2	92
12DD5	7F	FF
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
172AD	98	18

0 differences found in E2PROM area
 0 differences found in RAM2 area
 0 differences found in PROM area