
 NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 135 (2000/05/14)
 Orbit 26493 time: 22:37
 holding on until orbit 26501 time ~12:00

 Summary of Anomalies:

- 1 - Memory Dump (change to the day before):
 changes in following areas
 PROMCOPY differences found 2109 (day 14/05 it was 0)
 E2PROMCOPY differences found 7963 (" 36)
 E2PROM differences found 11895 (" 0)
 RAM2 differences found 14 (" 0)
 PROM differences found 514 (" 0)
- 2 - many small gaps since GS, dump Orb. 26496
 00:39:09 to the end of day dump Orb. 26509
 each gap ~1.5 seconds
- 3 - anomalous scan mirror current readouts: pattern not regular
- 4 - Channel 4 Summation: pattern not regular
- 5 - 780 nm Uncal. Intensity :
 anomalous images, intensities show high
 values (red colour, nominally is blue/green)
- 6 - anomalous long science dump at KS, no data processing possible
 dump Orb. 26500, 08:33:08 -08:47:29
- 7 - HDDT flag set at MS, dump Orb. 26495
 00:03:59 - 00:33:57

Station ID >>many small gaps since GS, dump Orb. 26496
 00:39:09 to the end of day dump Orb. 26509
 each ~1.5 seconds

MPH Product Confidence >>HDDT flag set at MS, dump Orb. 26495
 00:03:59 - 00:33:57

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 >> timeline GMNNOT41 executed as planned,
 Orb.26493-501, 22:37 - ~10:30

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. 26500, 08:33:08 -08:47:29

Scan Mirror Motor Current

>>anomalous current readouts, pattern not regular (different to the one caused by Narrow Swath operations)

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 >>pattern not regular
 Log pages OK
 331/318 nm Uncal. Line Ratio OK
 Uncal. PMDs as RGB signal OK
 780 nm Uncal. Intensity >>anomalous images, intensities show high values (red colour, nominally is blue/green)

 GOME Memory Dump Check

15 May

2000

13896 differences found in RAM1 area

2109 differences found in PROMCOPY area

Address Actual Template

F000	BB	8B
F001	BB	55
F002	BB	83
F003	BB	EC
F004	BB	C
F005	BB	EC
F006	BB	57
F007	BB	56
F008	BB	2
F009	BB	9A
F00A	BB	69
F00B	BB	0

... ..

F83B	BB	0
F83C	BB	0
F83D	BB	0
F83E	BB	0
F83F	BB	0

7963 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	89	0
10049	12	2C
1004A	10	46
1004B	69	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	12	0
10055	89	7
10056	69	26
10057	10	0
10058	69	47
10059	1	C7
1005A	12	E0
1005B	10	2
1005C	1F	C7
1005D	89	10
1063E	BB	41
1063F	BB	0
10640	BB	42
10641	BB	0
10642	BB	44
10643	BB	0
10644	BB	48
...
161BC	BB	0
161BD	BB	0
161BE	BB	0
161BF	BB	0
17FFF	FD	FF

11895 differences found in E2PROM area

Address	Actual	Template
18A1E	BB	0
18A1F	BB	34
18A20	BB	30
18A21	BB	3A
18A22	BB	44
18A23	BB	30
18A24	BB	32
18A25	BB	44
18A26	BB	0
18A27	BB	33
18A28	BB	30
18A29	BB	3A

... ..

1FFEB	BB	FF
1FFEC	BB	FF
1FFED	BB	FF
1FFEE	BB	FF
1FFEF	BB	FF
1FFF0	BB	5F
1FFF1	BB	A3
1FFF2	BB	FF
1FFF3	BB	FF
1FFF4	BB	FF
1FFF5	BB	FF
1FFF6	BB	FF
1FFF7	BB	FF
1FFF8	BB	FF
1FFF9	BB	FF
1FFFA	BB	FF
1FFFB	BB	FF
1FFFC	BB	FF
1FFFD	BB	FF
1FFFE	BB	FF

14 differences found in RAM2 area

514 differences found in PROM area

Address	Actual	Template
FFDFE	BB	0
FFDFF	BB	8
FFE00	BB	EB
FFE01	BB	1C

FFE02	BB	E
FFE03	BB	39
FFE04	BB	ED
FFE05	BB	E8
FFE06	BB	8B

... ..

FFFEF	BB	0
FFFF0	BB	EA
FFFF1	BB	FA
FFFF2	BB	0
FFFF3	BB	0
FFFF4	BB	FF
FFFF5	BB	F0
FFFF6	BB	0
FFFF7	BB	0
FFFF8	BB	0
FFFF9	BB	0
FFFFA	BB	0
FFFFB	BB	0
FFFFC	BB	0
FFFFD	BB	0
FFFFE	BB	0
FFFFF	BB	0