
Summary of Anomalies:

- 1 GOME anomaly due to a telemetry formatting problem
 dump Orb. 26496, 00:39:09 (day 15/05/2000) until GOME switch-off
 dump Orb. 26517, 12:56:51 (day 16/05/2000)
 anomalous behaviour occurs in:
 - many small gaps each gap ~1.5 seconds (dump Orb. 26496 - 26517)
 - anomalous scan mirror current readouts: pattern not regular (dump Orb. 26496 - 26517)
 - Channel 4 Summation: pattern not regular (dump Orb. 26496 - 26517)
 - 780 nm Uncal. Intensity :
 anomalous images, intensities show high values (red colour, nominally is blue/green) (dump Orb. 26496 - 26517)
 anomaly cured with GOME switch-off and on (timeline GMN11)

- 2 - gap at KS due to the execution of timeline GMN11 (switch-off/switch-on in time-tag) to cure the GOME anomaly
 dump Orb. 26517 12:56:51 - 12:58:27
 coolers off: 12:56:51 - 12:58:41

- 3 - HDDT flag set at GS, dump Orb. 26524
 23:51:30 - 00:21:27 (16-17/05/2000)

- 4 - Memory Dump (change to the day before):
 no dump info in EGOC_000516KSEP1545-46.E2 found

Station ID	>>many small gaps each gap ~1.5 seconds (dump Orb. 26496 - 26517)
MPH Product Confidence	>>HDDT flag set at GS, dump Orb. 26524 23:51:30 - 00:21:27
SPH Window Information	OK
Command Word Echo Summary	>> Off flag set 12:58:27 - 12:58:41
Instrument Status 1A	>> Off CommError flag set 12:58:27 - 12:58:48
Instrument Status 1B	OK
Instrument Status 2	>>coolers off: 12:56:51 - 12:58:41
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	OK
Polarisation Detectors	OK
FPA Temperatures A	>>maximum warm up of detector: 244.7 K
FPA Temperatures B	>>maximum warm up of detector: 244.7 K
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	OK
Scan Mirror Motor Current	>>anomalous current readouts, pattern not regular
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
780 nm Uncal. Intensity

OK
>>anomalous images, intensities show high
values (red colour, nominally
is blue/green)



GOME Memory Dump Check

16 May

2000

no dump info in EGOE_000516KSEP1545-46.E2 found