
Summary of Anomalies:

station info

OK

instrument info

EGOI

1 -
 AFTER POWER CYCLE GMN11 at utc 12:08 (16/02/04), anomalous flag setting
 WAS CURED! ALL INSTRUMENT STATUS FLAGS ARE NOMINAL AGAIN

wrong flag setting (due to a SEU) for following parameters was noticed:

orbit 46120-46141, 00:33 (15/02/2004) until 12:08 (16/02/04), for:

- INSTRUMENT STATUS1A: "Normal OPS"-flag not set,
 "Checksum Failed"-flag always set
 "FPA Latch-Up"-flag always set
 "RTM Latch-UP"-flag always set
- INSTRUMENT STATUS1B: "LED Drivers1"-flag always set
 "CALIBRATION UNIT"-flag always set
 "MIRROR HEATER 1"-flag always set
 "MIRROR HEATER 2"-flag always set
 "COVER ERROR"-flag always set
 "COVER CLOSED"-flag never set
 "COVER OPEN"-flag never set
- INSTRUMENT STATUS 2: COOLERS 1 & 3 flag set to 253K
 (however the temperatures are nominal ~235K)

2 - gap at KS due to the execution of timeline GMN11 to cure the
 anomaly
 (switch-off/switch-on in time-tag) as planned
 Orbit 46141, 12:09:17 - 12:10:55
 coolers off: 12:09:17 - 12:11:09

 GOME Daily Reports Analysis 16 Feb 2004

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	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	>>Max warm up of detectors: 244.7, 244.9
FPA Temperatures B	>>Max warm up of detectors: 244.5, 244.6
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	OK
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 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

16 Feb

2004

no data received