
Summary of Anomalies:

station info

OK

instrument info

EGOI 1 - LAMP FAILURES no 98 --> 101 occurred during 12 March 2004

sequences (lamp calibration not planned):

orbit 46493: Lamp Failure stop 02:08:03

(start time cannot be analysed due to data are available only at visibility of groundstation)

orbit 46495: Lamp Failure stop 05:29:13

(start time cannot be analysed due to data are available only at visibility of groundstation)

orbit 46498: Lamp Failure 10:43:33 - 10:53:14

voltage decreased suddenly from ~207 - 200 V

orbit 46500: Lamp Failure 14:04:43 - 14:14:24

voltage decreased suddenly from ~207 - 200 V

2 - calibration lamp instability during calibration orbit 46496
sudden decrease of voltage from ~198 - 183 V. Then some peaks at ~240 V.

3 - complete solar calibration measurements available
start time 15:42:44, orbit 46501 (6th KS orbit),
(increase of intensity of PMD readouts during available solar calibration measurements data:
16424 BU ->PMD2 readouts analysed with ERGO.

GOME Daily Reports Analysis

12 MAR

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	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	>> LAMP FAILURE and Lamp instability (see above)
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

GOME Memory Dump Check

12 MAR

2004

no data received