

\*\*\*\*\*

Summary of Anomalies:

station info

MA orbit 50697 EGOI data missing 18:44:45 - 18:48:51

MA orbit 50699 EGOI data missing 21:58:48 - 22:09:54

instrument info

EGOI

- 1 - GOME anomaly due to SEU,
  - from 29-DEC-2004, orbit 50685, 22:26:35
  - to 30-Dec-2004, orbit 50692, 11:44:29
  - 3xNack flag set
  - instrument not in rotating mode
  - scan mirror position set 16 at 261.8 deg, instead of alternating between +/- 30 deg
  - scan mirror motor current at 65535 BU (nominal would be ~37000 BU)
  - pixel channel summation values 0 (no science data available)
 anomaly was cured with power recycle GMN11, day 30 Dec-2004 at 11:44:29  
 data are nominal afterwards again
  
- 2 - complete solar calibration measurements available
  - start time 12:19:24.24 , orbit 50693 (4th KS orbit),
  - (increase of intensity of PMD readouts during available solar calibration measurements data: 16552 BU ->PMD2 readouts analysed with ERGO.

\*\*\*\*\*

-----  
 GOME Daily Reports Analysis                    30 Dec                    2004  
 -----

Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	see above
Instrument Status 1A	see above
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	OK
Scan Mirror Motor Current	see above
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	see above
Channel 2 Summation	see above
Channel 4 Summation	see above
Log pages	OK
331/318 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK