```
**************************************************************************
  Monthly Calibration mode from ~13:00 - ~22:00 (Orb.45426-45431 at KS,MS and GS)
  (NO occurrence of Lamp Failures, but calibration lamp instability)
**************************************************************************
**************************************************************************
Summary of Anomalies:
station info
GS orbit 45429 EGOI data missing 18:28:46 - 18:35:01
PS orbit 45431 EGOI data missing 21:47:04 - 21:50:32

instrument info
EGOI
 1 - data available during visibility of groundstations
     over Europe, North Atlantic, the Arctic and western North America

 2 - complete solar calibration measurements available
     start time 11:44:45.79  , orbit 45425 (3rd KS orbit),
     (increase of intensity of PMD readouts during available
     solar calibration measurements data:
     16880 BU ->PMD2 readouts analysed with ERGO.

 3 - calibration lamp  measurements available (of monthly calibration data set)
     calibration lamp instability during all calibration orbits,
     sudden decrease of voltage from ~198 - 180/185VV ,
     remaining on low voltage value for several products
     then increase to nominal value,
     This behaviour of sudden decrease/increase in voltage, is repeated
     during all 5 orbits 45426-45431,  but no lamp failure occurrs
**************************************************************************

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   GOME Daily Reports Analysis      28 Dec                 2003
--------------------------------------------------------------------------

Station ID                  see above
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  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
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--------------------------------------------------------------------------------
    GOME Memory Dump Check          28 Dec                            2003
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no data received
```