```
      **************************************************************************
         Monthly Calibration mode from ~11:50 - ~20:10 (Orb.42361-366 at KS)
          (NO occurrence of Lamp Failures)
      **************************************************************************
******************************************************************************
Summary of Anomalies:
station info
GS dump orbit 42370 EGOI small gaps  23:41:31 - 23:41:37 (28/05/2003)
                                     23:53:42 - 23:53:48 (28/05/2003)
                                     00:13:49 - 00:14:16 (29/05/2003)
                                     00:14:25 - 00:14:37 (29/05/2003)
                                     00:14:39 - 00:14:42 (29/05/2003)

instrument info
EGOI
 1 - calibration lamp instability:
    dump orbit 42361-366
    voltage: all values of lamp ignition (1 product) are ~6V - 7V higher than
             nominal values (nom =~197 V);
             otherwise nominal behaviour of voltage (i.e. no decrease
             during calibration lamp sequences)

 2 - Memory Dump (change to the day before):
     address 1797E in E2PROMCOPY changed from template value 0 to actual 1
     (first occurrence of a change in this address)
******************************************************************************

------------------------------------------------------------------------------
   GOME Daily Reports Analysis       28 May              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   >> Solar calibration performed
                                     in dump Orb. 42361
                                     start of sun calibration 10:16:44.80
                                     intensity of sun calibration:
                                     ~ 16100 BU ->PMD2 readouts analysed with ERGO;
                                     (note: due to seasonal effects nominal values
                                      range between ~16000 - ~19000 BU)
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 28 May 2003

8871 differences found in RAM1 area
0 differences found in PROMCOPY area
7 differences found in E2PROMCOPY area

Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1300B	1	10
1797E	1	0
17FFF	FD	FF

0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area