```
--------------------------------------------------------------------------------
   GOME Daily Reports Analysis        03 Jul        2001
--------------------------------------------------------------------------------
*******************************************************************************
Summary of Anomalies:
 1 - KS, dump Orb. 32425 EGOI  small gap
     07:28:16 - 07:28:29


 2 - SOT33 performed in dump Orb. 32427
     start of sun calibration 10:28:41.34
     intensity of sun calibration:
     ~17900 BU ->PMD2 readouts analysed with ERGO;
     (note: due to seasonal effects nominal values range between
          ~16000 - ~19000 BU)


 3 - Memory Dump (change to the day before):
     address 1300B in E2PROMCOPY changed back to template value
*******************************************************************************


Station ID                  >> KS, dump Orb. 32425 EGOI  small gap
                               07:28:16 - 07:28:29
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   >> SOT33 performed in dump Orb. 32427
                                    start of sun calibration 10:28:41.34
                                    intensity of sun calibration:
                                   ~17900 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 3 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              03 Jul        2001
--------------------------------------------------------------------------------
       8955 differences found in RAM1 area
          1 differences found in PROMCOPY area
```

```
Address  Actual  Template
  F260     18       8
           35 differences found in E2PROMCOPY area
Address  Actual  Template
 10040     7F       47
 10041     C0       C7
 10042     A3       E0
 10043      D        2
 10044     B4       C7
 10045     44       10
 10046     44       FA
 10047     B0       46
 10048     D4        0
 10049     FE       2C
 1004A     63       46
 1004B     69       C7
 1004C     C0        0
 1004D     7F       FC
 1004E      D       C4
 1004F     A3        0
 10050     44       FA
 10051     B4       5E
 10052     B0       C7
 10053     44       26
 10054     FE        0
 10055     D4        7
 10056     69       26
 10057     63        0
 10058     69       47
 10059      1       C7
 1005A     FE       E0
 1005B     63        2
 1005C     33       C7
 1005D     D4       10
 12FDE      0       FF
 12FDF      7       FF
 13003      0        1
 13007      0        1
 17FFF     FD       FF
           0 differences found in E2PROM area
           0 differences found in RAM2 area
           0 differences found in PROM area
```