```
--------------------------------------------------------------------------------
   GOME Daily Reports Analysis        18 Jun              2001
--------------------------------------------------------------------------------
********************************************************************************
Summary of Anomalies:
 1 - anomalous long science dump at KS,
     dump Orb. 32219, 21:15:56 - 21:30:18, no data processing possible

 2 - SOT33 performed in dump Orb. 32213
    start of sun calibration  11:40:33.13
    intensity of sun calibration:
    ~16500 BU ->PMD2 readouts analysed with ERGO;
    (nominal values are ~18000 -19000 BU)
    --->value slightly lower than nominally

 1 - Memory Dump (change to the day before):
     address 1300B in E2PROMCOPY changed from template value 10 to actual 1
********************************************************************************

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   >>anomalous long science dump at KS,
                                    dump Orb. 32219, 21:15:56 - 21:30:18, no
                                    data processing possible

                                   - SOT33 performed in dump Orb. 32213
                                     start of sun calibration  11:40:33.13
                                     intensity of sun calibration:
                                     ~16500 BU ->PMD2 readouts analysed with ERGO;
                                    (nominal values are ~18000 -19000 BU)
                                     --->value slightly lower than nominally

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



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```
    GOME Memory Dump Check                 18 Jun                      2001
--------------------------------------------------------------------------------
        8989 differences found in RAM1 area
           0 differences found in PROMCOPY area
           5 differences found in E2PROMCOPY area
Address  Actual  Template
 12FDE      0       FF
 12FDF      7       FF
 13003      0        1
 13007      0        1
 1300B      1       10
           0 differences found in E2PROM area
           0 differences found in RAM2 area
           0 differences found in PROM area
```