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********************************************************************
Summary of Anomalies:
station info
OK

instrument info
EGOI
 1 - due to a data bus reconfiguration ERS2 has been switched off
     (see unavailability fax, ESOC, ER-UNA-2003/015)

     data gap: 10:15:43 (16/05/2003) - 09:40:24 (20/05/2003) d.Orb.42190 -42247
     TST started at 11:01:10   d.orb 42247
     solar calibration with warm detectors:
                 start at 11:08:53.34 (20/05/2003), (T = 255K)

     cooler switchings between 10:15:43 (16/05/2003 -  11:14:50 (20/05/2003)
                               max warm up of detectors ~264.6K

     back to MPS 12:41:45 (20/05/2003)

 2 - calibration lamp instability:
     dump orbit 42247
     voltage: all values of lamp ignition (1 product) are ~6V - 7V higher than
              nominal values (nom =~197 V) (during TST44);
              otherwise nominal behaviour of voltage (i.e. no decrease
              during TST44)
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   GOME Daily Reports Analysis     20 May          2003
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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              >> cooler off between 10:15:43 (16/05/2003)-
                                    11:14:50 (20/05/2003)

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              max warm up of detectors 263.4K, 264.5K
FPA Temperatures B              max warm up of detectors 264.2K, 264.6K
Charge Amp Temperatures         temp out of range due to switch off
Other Temperatures A            temp out of range due to switch off
DDHU Temperatures               temp out of range due to switch off
Optical Bench Temperatures      temp out of range due to switch off
Other Temperatures B            temp out of range due to switch off
Calibr. Lamp and Instr. Status 3  >> Solar calibration performed
                                     in dump Orb. 42247
                                   start of sun calibration 11:08:53.34
                                   intensity of sun calibration:
                                   ~15760 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          temp out of range due to switch off
Selected Temperature B          temp out of range due to switch off
Selected Temperature C          temp out of range due to switch off
Channel 1 Summation             OK
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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                20 May                   2003
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        8912 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
```