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Summary of Anomalies:  
station info

instrument info

EGOI  
1-data available via groundstations since 01/07/2003 (~12 minutes per orbit)  
(IDHT Tape recorder A switched off due to motor overcurrent, see ER-UNA-2003/025)

data available KS, dump orb.42850 14:14:59 - 14:25:48  
KS, dump orb.42851 15:53:00 - 16:03:51 (containing lamp & solar measurements)  
KS, dump orb.42852 17:30:37 - 17:42:38  
KS, dump orb.42853 19:08:58 - 19:22:00  
KS, dump orb.42854 20:48:57 - 21:02:56  
MS, dump orb.42855 22:20:50 - 22:31:02  
KS, dump orb.42855 22:31:20 - 22:41:10

2 - ER2-UNA-2003/030 GOME operational since day 01/07/2003 17:22 (MPS)

- TST44 timeline with warm detectors dump orb. 42851  
cooler switchings between 15:53:00 - 15:55:32 dump orbit 42851  
max warm up of detectors ~247.9K  
(exact start time cannot be given due to data unavailability)

solar calibration with warm detectors:  
stop at 15:53:33 , (T = 247.0K) (start time can not be given  
due to data unavailability )

lamp calibration with warm detectors between 15:53:35 - 15:55:30 (T=247K)  
(no lamp failure occurred)

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GOME Daily Reports Analysis      01 Jul                      2003  
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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	cooler switchings between 15:53:00 - 15:55:32 dump orbit 42851
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	temperatures out of range due to switch-off
Other Temperatures A	temperatures out of range due to switch-off
DDHU Temperatures	temperatures out of range due to switch-off
Optical Bench Temperatures	temperatures out of range due to switch-off
Other Temperatures B	temperatures out of range due to switch-off
Calibr. Lamp and Instr. Status 3	TST44 performed in dump Orb. 42851 start of sun calibration can not be analysed due to data unavailability intensity of sun calibration: ~2250 BU ->PMD2 readouts analysed with ERGO; (note only part of the solar calibration data is available, the max intensity cannot

be analysed)  
Scan Mirror Motor Current OK  
Selected Temperature A temperatures out of range due to switch-off  
Selected Temperature B temperatures out of range due to switch-off  
Selected Temperature C temperatures out of range due to switch-off  
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

01 Jul

2003  
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no data received