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NARROW SWATH TIMELINE GMNNOT41 executed  
 begin of execution Orbit 52200 time: ~19:00  
 active until end of day, Orbit 52203

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Summary of Anomalies:

station info

MA orbit 52200 EGOI data missing 18:44:45 - 18:48:51  
 MA orbit 52201 EGOI data missing 20:17:34 - 20:31:22  
 MA orbit 52194 EGOI data gap 09:03:34 - 09:15:14  
 KS orbit 52195 EGOI data gap 10:33:13 - 10:40:23

instrument info

EGOI

- 1 - GOME switch off (see ER2-UNA-2005/009), 01:39:26 - 13:42:16
  - no data available due to switch off:

GS orbit 52190, 01:53:51 - 02:06:44  
 GS orbit 52191, 03:32:50 - 03:46:16  
 PS orbit 52192, 05:15:33 - 05:29:16  
 PS orbit 52193, 06:58:44 - 07:07:22  
 KS orbit 52193, 07:14:06 - 07:23:22  
 KS orbit 52194, 09:03:34 - 09:06:59

- coolers off, 01:39:26 - 07:24:26 (exact stop cannot be given due to data availability only during ground station visibility)  
 detector temperatures out of range (max warm up ~270 K)

- coolers off, start after 09:03:33 (exact start cannot be given due to data availability only during ground station visibility) - stop 12:15:20  
 detector temperatures out of range (max warm up ~265 K)

TST 44 started at ~12:00, orbit  
 lamp calibration sequence without lamp failure,  
 but calibration lamp instability  
 12:13:28 - 12:15:20 , voltage reached max only ~190 V  
 and decreased to a value of 187.5 V (nominal value would be 198V)

solar calibration with warm detectors:  
 but measurements are not available, as not within  
 visibility of ground station

back to MPS 13:34

- 2 - complete solar calibration measurements available  
 start time 17:11:10.10 , orbit 52199 (7th KS orbit),  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 15688 BU ->PMD2 readouts analysed with ERGO.

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 GOME Daily Reports Analysis            14 Apr            2005  
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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            OK  
 Integration Times Channel 1    OK  
 Co-Adding and Cluster Mode Flags OK

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Integration Times Band 2A      OK
Integration Times Band 2B      OK
Integration Times Band 3       OK
Integration Times Band 4       OK
Scan Mirror Position           >>Timeline GMNNOT41 executed
Polarisation Detectors        OK
FPA Temperatures A            OK
FPA Temperatures B            OK
Charge Amp Temperatures       OK
Other Temperatures A          temperatures out of range
DDHU Temperatures             temperatures out of range
Optical Bench Temperatures    temperatures out of range
Other Temperatures B          temperatures out of range
Calibr. Lamp and Instr. Status 3 OK
Scan Mirror Motor Current     >>pattern not repeated due to execution of
                               timeline GMNNOT41
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
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