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NARROW SWATH TIMELINE GMNNOT41 executed  
 begin of execution Orbit 52774 time: ~21:00  
 active until end of day, Orbit 52775

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Summary of Anomalies:

station info

MA orbit 52773 EGOI data missing 19:24:22 - 19:33:29  
 MA orbit 52775 EGOI data missing 22:45:40 - 22:50:12

instrument info

EGOI  
 1 - Payload was in standby (see unavailability fax ER2-UNA 2005/012),  
 no data between 23-May-2005 18:31:02 - 24-May-2005 16:18:59  
 orbits 52758 - 52771,  
 GOME was switched off

- coolers off 23-May-2005 18:31:02 - 24-May-2005 17:57:07  
 detector temperatures out of range (max warm up ~267 K)

TST 44 started at ~17:40, orbit 52772  
 lamp calibration sequence without lamp failure,  
 and no calibration lamp instability  
 17:55:10 - 17:57:07

solar calibration with warm detectors:  
 start time 17:51:10.66 , orbit 52772 , (T=263K)  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 15020 BU ->PMD2 readouts analysed with ERGO.

back to MPS 19:24

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 GOME Daily Reports Analysis            24 May            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  |
| 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          | temperatures out of range                                       |
| Other Temperatures A             | temperatures out of range                                       |
| DDHU Temperatures                | temperatures out of range                                       |
| Optical Bench Temperatures       | temperatures out of range                                       |
| Other Temperatures B             | OK  |
| Calibr. Lamp and Instr. Status 3 | OK  |
| Scan Mirror Motor Current        | >>pattern not repeated due to execution of<br>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 |