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NARROW SWATH TIMELINE GMNNOT41 executed  
continued from day 24 (2006/01/24)  
holding on until orbit 56289 time ~11:00

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Summary of Anomalies:

station info

MM orbit 56283 EGOI data missing 01:24:44 - 01:34:45  
MI orbit 56284 EGOI data missing 02:02:41 - 02:11:05  
MI orbit 56285 EGOI data missing 03:38:58 - 03:52:17  
MM orbit 56288 EGOI data missing 09:53:39 - 10:04:31  
BE orbit 56290 EGOI data missing 12:11:56 - 12:19:07  
MM orbit 56290 EGOI data missing 13:13:35 - 13:26:17  
MM orbit 56291 EGOI data missing 14:53:12 - 15:05:53  
MI orbit 56291 EGOI data missing 14:23:33 - 14:28:32  
BE orbit 56292 EGOI data missing 15:28:18 - 15:38:54  
MM orbit 56292 EGOI data missing 16:32:32 - 16:45:04  
MI orbit 56293 EGOI data missing 17:41:07 - 17:47:37  
MM orbit 56294 EGOI data missing 19:50:54 - 20:03:36  
MA orbit 56294 EGOI data missing 18:55:53 - 19:00:17  
MM orbit 56295 EGOI data missing 21:30:34 - 21:43:14  
MA orbit 56295 EGOI data missing 20:28:47 - 20:42:32  
MM orbit 56296 EGOI data missing 23:11:04 - 23:23:07  
MI orbit 56292 EGOI data gap 16:07:13 - 16:12:28  
PS orbit 56295 EGOI corrupted products 20:51:51 - 21:00:24

instrument info

EGOI 1 - GOME switch off (see ER2-UNA-2006/008), 03:59:52 - 09:10:24  
- no data available due to switch off:

BE orbit 56285 04:10:23 - 04:22:02  
MM orbit 56285 04:50:34 - 04:56:28  
MM orbit 56286 06:32:30 - 06:38:59  
PS orbit 56286 05:27:04 - 05:40:36  
MM orbit 56287 08:13:19 - 08:22:04  
PS orbit 56287 07:11:04 - 07:18:15  
KS orbit 56287 07:25:27 - 07:36:21  
KS orbit 56288 09:04:59 - 09:10:24

- coolers off, 09:10:24 - 10:54:44  
detector temperatures out of range  
(max warm up 268 K)

TST 44 started at ~11:00 , orbit 58289

lamp calibration sequences exact start cannot be given  
due to data availability only during ground station  
visibility

a - and followed with lamp failure 171 exact start cannot be  
given due to data available only during ground station  
visibility stop at 10:54:41

b - and followed with lamp failure 172 at 10:52:59 - 10:54:41  
voltage reached max only 178 V (nominal value would be  
198V)

2 - complete solar calibration measurements available  
start time 10:48:53.469 , orbit 56289 (4 th KS orbit),(T=268K)  
increase of intensity of PMD readouts during available  
solar calibration measurements data:  
15720 BU ->PMD2 readouts analysed with ERGO.

back to MPS 12:21

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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 as planned,  
until Orb. 56289, ~11:00  
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 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