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Summary of Anomalies:

station info

MM orbit 54500 EGOI data missing 12:02:17 - 12:14:41  
MA orbit 54500 EGOI data missing 11:22:31 - 11:30:54  
BE orbit 54501 EGOI data missing 12:38:23 - 12:48:31  
BE orbit 54503 EGOI data missing 15:58:50 - 16:05:54  
MM orbit 54504 EGOI data missing 18:40:00 - 18:52:36  
MM orbit 54505 EGOI data missing 20:19:19 - 20:32:02  
MA orbit 54505 EGOI data missing 19:21:42 - 19:30:34  
MM orbit 54506 EGOI data missing 21:59:11 - 22:11:45  
MM orbit 54507 EGOI data missing 23:39:58 - 23:51:42  
MA orbit 54507 EGOI data missing 22:42:26 - 22:47:40

instrument info

EGOI

1 - GOME switch off (see ER2-UNA-2005/020), 02:38:21 - 09:40:24  
- no data available due to switch off:

BE orbit 54494 01:21:30 - 01:29:27  
BE orbit 54495 02:58:52 - 03:12:17  
MM orbit 54495 03:37:02 - 03:44:04  
BE orbit 54496 04:39:23 - 04:49:05  
MM orbit 54496 05:19:51 - 05:25:37  
MI orbit 54496 04:07:47 - 04:20:19  
GS orbit 54496 04:13:49 - 04:25:30  
MM orbit 54497 07:01:23 - 07:08:27  
PS orbit 54497 05:56:08 - 06:08:50  
KS orbit 54497 06:14:50 - 06:21:16  
MM orbit 54498 08:42:01 - 08:51:26  
KS orbit 54498 07:53:51 - 08:05:49  
MA orbit 54498 08:03:53 - 08:13:12  
KS orbit 54499 09:33:27 - 09:40:24  
GS orbit 54495 02:38:22 - 02:46:44  
MI orbit 54495 02:38:24 - 02:40:38

- coolers off, 02:38:21 - 11-17:51  
detector temperatures out of range (max warm up ~274.8 K)

TST 44 started at ~11:00 , orbit 54500  
lamp calibration sequence started at 11:15:53 and followed  
with lamp failure at 11:16:09 - 11:17:53,  
voltage reached max only ~180 V (nominal value would be  
198V)

- solar calibration with warm detectors:  
start time ~11:12 (exact time cannot be given  
due to data availability only during ground station  
visibility), orbit 54500 , (T=264.6K)  
increase of intensity of PMD readouts during available  
solar calibration measurements data:  
15540 BU ->PMD2 readouts analysed with ERGO.

back to MPS 12:44

2 - complete solar calibration measurements available  
start time 19:35:02.180 , orbit 54505 (8th KS orbit),  
(increase of intensity of PMD readouts during available  
solar calibration measurements data:  
15550 BU ->PMD2 readouts analysed with ERGO.

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GOME Daily Reports Analysis      22 Sep      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	OK
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	OK
Selected Temperature A	temperatures out of range
Selected Temperature B	temperatures out of range
Selected Temperature C	temperatures out of range
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