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Summary of Anomalies:

station info

MM orbit 56411 EGOI data missing 00:00:14 - 00:11:43  
BE orbit 56412 EGOI data missing 01:11:03 - 01:16:51  
MM orbit 56412 EGOI data missing 01:42:18 - 01:51:57  
MM orbit 56413 EGOI data missing 03:25:14 - 03:32:32  
BE orbit 56414 EGOI data missing 04:27:45 - 04:38:20  
MM orbit 56415 EGOI data missing 06:49:50 - 06:56:40  
KS orbit 56415 EGOI data missing 06:03:42 - 06:09:09  
BE orbit 56419 EGOI data missing 12:27:42 - 12:36:50  
BE orbit 56421 EGOI data missing 15:46:27 - 15:55:15  
MM orbit 56421 EGOI data missing 16:49:32 - 17:02:04  
MM orbit 56423 EGOI data missing 20:07:56 - 20:20:40  
MA orbit 56423 EGOI data missing 19:11:09 - 19:18:51  
MM orbit 56424 EGOI data missing 21:47:44 - 22:00:20  
MA orbit 56424 EGOI data missing 20:45:44 - 20:59:26  
MM orbit 56425 EGOI data missing 23:28:23 - 23:40:16  
MA orbit 56425 EGOI data missing 22:29:42 - 22:37:10  
MI orbit 56413 EGOI data gap 02:26:38 - 02:28:54  
MI orbit 56420 EGOI data gap 14:38:51 - 14:46:28  
MI orbit 56421 EGOI data gap 16:16:10 - 16:26:34

instrument info

EGOI 1 - Gome unavailable due to ATSR ICU Reset 07:48:03 - 09:30:48  
(see ER2-UNA-2006/009)

- no data available due to anomaly:

MM orbit 56416 08:30:32 - 08:39:42  
MA orbit 56416 07:52:55 - 07:59:48  
KS orbit 56416 07:48:02 - 07:54:04  
KS orbit 56417 09:22:04 - 09:30:48

- coolers off, 07:48:03 - 11:11:13  
detector temperatures out of range (max warm up ~267.6 K)

- TST 44 started at ~11:00 , orbit 56418  
a - Lamp Calibration sequence without lamp failure,  
without lamp instability start cannot be given  
due to data availability only during ground station  
visibility - 11:01:34  
b - Lamp Calibration sequence without lamp failure,  
without lamp instability  
11:09:14 - 11:11:13 voltage at level of 197 V

- solar calibration measurements executed  
start time 11:05:16 , orbit 56418 (3rd KS orbit),(T=267K)  
however:  
no increase of intensity of PMD readouts due to  
scan mirror position at 261.8 deg

back to MPS 12:38

2 - GOME anomalous behaviour during orbits 56417 - 56421  
~09:30 - 15:32  
- 3xNack flag set  
- scan mirror position set to 261.8 deg contigously  
- scan mirror current values high (64664 BU)  
- thermal environment (besides detectors)increased by about 10K

note that this anomalous flag setting went back to nominal after the  
execution of a Gome power cycle at 15:32:24

3 - solar calibration measurements executed  
start time 12:45:49 , orbit 56419 (4rd KS orbit),  
however:  
no increase of intensity of PMD readouts due to  
scan mirror position at 261.8 deg

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GOME Daily Reports Analysis

03 Feb

2006  
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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	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	OK
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