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Summary of Anomalies:

station info

MA orbit 50991 EGOI data missing 08:03:53 - 08:13:12  
 MA orbit 50993 EGOI data missing 11:22:31 - 11:30:54  
 MS orbit 50993 EGOI data missing 11:25:59 - 11:39:12  
 MA orbit 50998 EGOI data missing 19:21:42 - 19:30:34  
 MA orbit 50999 EGOI data missing 20:57:07 - 21:10:47  
 MA orbit 51000 EGOI data missing 22:42:26 - 22:47:40  
 KS orbit 50993 EGOI data gap 11:17:57 - 11:26:47  
 KS orbit 50994 EGOI data gap 12:52:16 - 12:59:35

instrument info

EGOI

- 1 - GOME anomaly, parameter V316 out of limit, power cycle was performed orbit 50997, 19:06:16 to cure the anomaly successfully
- 3\*Nack flag set between orbit, 50995-50997, ~14:00 - 19:00
  - coolers off, 12:59:35 - 14:45:08, detector temperatures out of range (max warm up ~304 K)
  - cover open status (for solar calibration), from 14:39:11 - 14:43:10, but no increase in pmd 2 readouts visible
  - calibration lamp switched on (diffuser mode), 14:33:29 - 14:33:46, and 14:43:11 - 14:43:26 both calibration lamp mode went into Lamp Failure, after ~10 seconds, reaching a voltage of about 180 V (instead of nominally ~198V)
- scan mirror position at ~261.8 deg instead of alternating between +- 30 deg, between orbit, 50995-50997, ~14:00 - 19:00
- scan mirror motor current values ~65000BU instead of ~30000 BU

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 GOME Daily Reports Analysis            20 Jan            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	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  
331/318 nm Uncal. Line Ratio  
Uncal. PMDs as RGB signal  
780 nm Uncal. Intensity

OK  
OK  
OK  
OK

