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Summary of Anomalies:  
station info

Missing all orbits from Hobart, Mcurdo, Beijing, Singapore, Chetumal, Miami  
due to an ESRIN ground segment dissemination problem

|                |                   |             |              |   |             |              |           |       |
|----------------|-------------------|-------------|--------------|---|-------------|--------------|-----------|-------|
| HO orbit 68979 | EGOI data missing | 29-JUN-2008 | 23:55:08.666 | - | 30-JUN-2008 | 00:09:38.958 | 870.29200 | [sec] |
| MM orbit 68979 | EGOI data missing | 30-JUN-2008 | 00:06:03.116 | - | 30-JUN-2008 | 00:17:27.083 | 683.96700 | [sec] |
| HO orbit 68980 | EGOI data missing | 30-JUN-2008 | 01:36:27.761 | - | 30-JUN-2008 | 01:47:54.308 | 686.54700 | [sec] |
| MM orbit 68980 | EGOI data missing | 30-JUN-2008 | 01:48:10.464 | - | 30-JUN-2008 | 01:57:41.785 | 571.32100 | [sec] |
| BE orbit 68981 | EGOI data missing | 30-JUN-2008 | 02:53:12.074 | - | 30-JUN-2008 | 03:06:35.697 | 803.62300 | [sec] |
| MM orbit 68981 | EGOI data missing | 30-JUN-2008 | 03:31:08.404 | - | 30-JUN-2008 | 03:38:18.373 | 429.96900 | [sec] |
| MI orbit 68981 | EGOI data missing | 30-JUN-2008 | 02:23:53.899 | - | 30-JUN-2008 | 02:34:47.213 | 653.31400 | [sec] |
| SG orbit 68981 | EGOI data missing | 30-JUN-2008 | 03:04:24.978 | - | 30-JUN-2008 | 03:17:57.734 | 812.75600 | [sec] |
| CM orbit 68981 | EGOI data missing | 30-JUN-2008 | 04:00:37.635 | - | 30-JUN-2008 | 04:13:02.215 | 744.58000 | [sec] |
| BE orbit 68982 | EGOI data missing | 30-JUN-2008 | 04:33:34.073 | - | 30-JUN-2008 | 04:43:43.940 | 609.86700 | [sec] |
| MM orbit 68982 | EGOI data missing | 30-JUN-2008 | 05:14:00.529 | - | 30-JUN-2008 | 05:19:47.135 | 346.60600 | [sec] |
| MI orbit 68982 | EGOI data missing | 30-JUN-2008 | 04:01:58.827 | - | 30-JUN-2008 | 04:14:45.088 | 766.26100 | [sec] |
| SG orbit 68982 | EGOI data missing | 30-JUN-2008 | 04:45:33.362 | - | 30-JUN-2008 | 04:54:56.513 | 563.15100 | [sec] |
| MM orbit 68983 | EGOI data missing | 30-JUN-2008 | 06:55:37.186 | - | 30-JUN-2008 | 07:02:33.883 | 416.69700 | [sec] |
| PS orbit 68983 | EGOI data missing | 30-JUN-2008 | 05:50:18.205 | - | 30-JUN-2008 | 06:03:12.009 | 773.80400 | [sec] |
| MM orbit 68984 | EGOI data missing | 30-JUN-2008 | 08:36:16.966 | - | 30-JUN-2008 | 08:45:34.519 | 557.55300 | [sec] |
| MA orbit 68984 | EGOI data missing | 30-JUN-2008 | 07:59:07.279 | - | 30-JUN-2008 | 08:07:05.944 | 478.66500 | [sec] |
| MM orbit 68985 | EGOI data missing | 30-JUN-2008 | 10:16:33.108 | - | 30-JUN-2008 | 10:27:47.975 | 674.86700 | [sec] |
| MA orbit 68985 | EGOI data missing | 30-JUN-2008 | 09:35:51.187 | - | 30-JUN-2008 | 09:49:30.792 | 819.60500 | [sec] |
| MM orbit 68986 | EGOI data missing | 30-JUN-2008 | 11:56:35.127 | - | 30-JUN-2008 | 12:08:56.912 | 741.78500 | [sec] |
| MM orbit 68987 | EGOI data missing | 30-JUN-2008 | 13:36:23.338 | - | 30-JUN-2008 | 13:49:06.817 | 763.47900 | [sec] |
| SG orbit 68987 | EGOI data missing | 30-JUN-2008 | 14:03:05.239 | - | 30-JUN-2008 | 14:10:40.581 | 455.34200 | [sec] |
| BE orbit 68988 | EGOI data missing | 30-JUN-2008 | 14:09:49.227 | - | 30-JUN-2008 | 14:23:14.124 | 804.89700 | [sec] |
| MM orbit 68988 | EGOI data missing | 30-JUN-2008 | 15:15:55.898 | - | 30-JUN-2008 | 15:28:34.962 | 759.06400 | [sec] |
| MI orbit 68988 | EGOI data missing | 30-JUN-2008 | 14:44:10.845 | - | 30-JUN-2008 | 14:53:41.612 | 570.76700 | [sec] |
| SG orbit 68988 | EGOI data missing | 30-JUN-2008 | 15:39:01.303 | - | 30-JUN-2008 | 15:52:48.020 | 826.71700 | [sec] |
| BE orbit 68989 | EGOI data missing | 30-JUN-2008 | 15:52:36.327 | - | 30-JUN-2008 | 16:00:37.295 | 480.96800 | [sec] |
| MM orbit 68989 | EGOI data missing | 30-JUN-2008 | 16:55:12.553 | - | 30-JUN-2008 | 17:07:44.353 | 751.80000 | [sec] |
| MI orbit 68989 | EGOI data missing | 30-JUN-2008 | 16:21:53.207 | - | 30-JUN-2008 | 16:34:59.106 | 785.89900 | [sec] |
| CM orbit 68989 | EGOI data missing | 30-JUN-2008 | 16:24:35.737 | - | 30-JUN-2008 | 16:37:00.945 | 745.20800 | [sec] |
| MM orbit 68990 | EGOI data missing | 30-JUN-2008 | 18:34:20.600 | - | 30-JUN-2008 | 18:46:55.948 | 755.34800 | [sec] |
| CM orbit 68990 | EGOI data missing | 30-JUN-2008 | 18:08:27.016 | - | 30-JUN-2008 | 18:10:30.026 | 123.01000 | [sec] |
| MM orbit 68991 | EGOI data missing | 30-JUN-2008 | 20:13:37.829 | - | 30-JUN-2008 | 20:26:21.371 | 763.54200 | [sec] |
| HO orbit 68992 | EGOI data missing | 30-JUN-2008 | 21:48:52.713 | - | 30-JUN-2008 | 21:57:36.760 | 524.04700 | [sec] |
| MM orbit 68992 | EGOI data missing | 30-JUN-2008 | 21:53:27.817 | - | 30-JUN-2008 | 22:06:03.240 | 755.42300 | [sec] |
| HO orbit 68993 | EGOI data missing | 30-JUN-2008 | 23:24:07.228 | - | 30-JUN-2008 | 23:38:20.652 | 853.42400 | [sec] |
| MM orbit 68993 | EGOI data missing | 30-JUN-2008 | 23:34:10.808 | - | 30-JUN-2008 | 23:45:59.728 | 708.92000 | [sec] |
| MA orbit 68993 | EGOI data missing | 30-JUN-2008 | 22:35:59.228 | - | 30-JUN-2008 | 22:42:28.652 | 389.42400 | [sec] |
| KS orbit 68993 | EGOI data missing | 30-JUN-2008 | 22:42:02.859 | - | 30-JUN-2008 | 22:52:35.295 | 632.43600 | [sec] |
| KS orbit 68984 | EGOI data gap     | 30-JUN-2008 | 07:48:10.483 | - | 30-JUN-2008 | 07:49:16.935 | 66.452000 | [sec] |
| KS orbit 68985 | EGOI data gap     | 30-JUN-2008 | 09:27:46.088 | - | 30-JUN-2008 | 09:28:55.040 | 68.952000 | [sec] |
| KS orbit 68986 | EGOI data gap     | 30-JUN-2008 | 11:07:20.942 | - | 30-JUN-2008 | 11:08:33.149 | 72.207000 | [sec] |
| KS orbit 68987 | EGOI data gap     | 30-JUN-2008 | 12:46:37.284 | - | 30-JUN-2008 | 12:47:47.243 | 69.959000 | [sec] |
| KS orbit 68988 | EGOI data gap     | 30-JUN-2008 | 14:25:25.327 | - | 30-JUN-2008 | 14:26:40.344 | 75.017000 | [sec] |
| KS orbit 68989 | EGOI data gap     | 30-JUN-2008 | 16:03:10.631 | - | 30-JUN-2008 | 16:04:24.430 | 73.799000 | [sec] |
| KS orbit 68990 | EGOI data gap     | 30-JUN-2008 | 17:41:05.861 | - | 30-JUN-2008 | 17:42:20.524 | 74.663000 | [sec] |
| MS orbit 68986 | EGOI data gap     | 30-JUN-2008 | 11:20:20.138 | - | 30-JUN-2008 | 11:21:39.226 | 79.088000 | [sec] |
| MS orbit 68987 | EGOI data gap     | 30-JUN-2008 | 13:00:48.424 | - | 30-JUN-2008 | 13:02:00.828 | 72.404000 | [sec] |
| MA orbit 68991 | EGOI data gap     | 30-JUN-2008 | 19:16:24.878 | - | 30-JUN-2008 | 19:17:43.594 | 78.716000 | [sec] |
| MA orbit 68992 | EGOI data gap     | 30-JUN-2008 | 20:51:24.559 | - | 30-JUN-2008 | 20:52:47.168 | 82.609000 | [sec] |

instrument info

EGOI

- 1 - complete solar calibration measurements available  
start time 19:24:36, orbit 68991,  
(increase of intensity of PMD readouts during available  
solar calibration measurements data:  
14311 BU ->PMD2 readouts analysed with ERGO.
- 2 - data are nominal, besides the occurrence of padded frames in  
channel 4 (frame 20) over a few orbits (limited area over the

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GOME Daily Reports Analysis

30 JUN

2008  
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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        |