```
********************************************************************************
Summary of Anomalies:
station info

HO orbit 71942 EGOI data missing 22-JAN-2009 23:49:30.003 - 23-JAN-2009 00:03:57.668        867.66500 [sec]
MM orbit 71942 EGOI data missing 23-JAN-2009 00:00:14.939 - 23-JAN-2009 00:11:43.831        688.89200 [sec]
HO orbit 71943 EGOI data missing 23-JAN-2009 01:30:34.560 - 23-JAN-2009 01:42:23.039        708.47900 [sec]
MM orbit 71943 EGOI data missing 23-JAN-2009 01:42:18.686 - 23-JAN-2009 01:51:57.638        578.95200 [sec]
BE orbit 71944 EGOI data missing 23-JAN-2009 02:47:32.339 - 23-JAN-2009 03:00:53.101        800.76200 [sec]
MM orbit 71944 EGOI data missing 23-JAN-2009 03:25:14.750 - 23-JAN-2009 03:32:32.464        437.71400 [sec]
CM orbit 71944 EGOI data missing 23-JAN-2009 03:54:59.372 - 23-JAN-2009 04:07:20.819        741.44700 [sec]
BE orbit 71945 EGOI data missing 23-JAN-2009 04:27:45.139 - 23-JAN-2009 04:38:20.585        635.44600 [sec]
MM orbit 71945 EGOI data missing 23-JAN-2009 05:08:09.536 - 23-JAN-2009 05:13:56.963        347.42700 [sec]
MM orbit 71946 EGOI data missing 23-JAN-2009 06:49:50.803 - 23-JAN-2009 06:56:40.284        409.48100 [sec]
KS orbit 71946 EGOI data missing 23-JAN-2009 06:03:42.191 - 23-JAN-2009 06:09:09.292        327.10100 [sec]
CM orbit 71946 EGOI data missing 23-JAN-2009 05:38:35.531 - 23-JAN-2009 05:42:40.505        244.97400 [sec]
JO orbit 71946 EGOI data missing 23-JAN-2009 06:31:59.940 - 23-JAN-2009 06:40:22.494        502.55400 [sec]
MM orbit 71947 EGOI data missing 23-JAN-2009 08:30:32.648 - 23-JAN-2009 08:39:42.279        549.63100 [sec]
MA orbit 71947 EGOI data missing 23-JAN-2009 07:52:55.986 - 23-JAN-2009 07:59:48.142        412.15600 [sec]
JO orbit 71947 EGOI data missing 23-JAN-2009 08:07:10.615 - 23-JAN-2009 08:22:10.391        899.77600 [sec]
MM orbit 71948 EGOI data missing 23-JAN-2009 10:10:49.737 - 23-JAN-2009 10:21:59.202        669.46500 [sec]
JO orbit 71948 EGOI data missing 23-JAN-2009 09:49:22.538 - 23-JAN-2009 09:59:18.316        595.77800 [sec]
HO orbit 71949 EGOI data missing 23-JAN-2009 12:00:13.466 - 23-JAN-2009 12:13:34.689        801.22300 [sec]
MM orbit 71949 EGOI data missing 23-JAN-2009 11:50:52.513 - 23-JAN-2009 12:03:11.824        739.31100 [sec]
HO orbit 71950 EGOI data missing 23-JAN-2009 13:39:14.258 - 23-JAN-2009 13:53:43.823        869.56500 [sec]
MM orbit 71950 EGOI data missing 23-JAN-2009 13:30:41.558 - 23-JAN-2009 13:43:24.720        763.16200 [sec]
BE orbit 71951 EGOI data missing 23-JAN-2009 14:04:08.720 - 23-JAN-2009 14:17:33.417        804.69700 [sec]
HO orbit 71951 EGOI data missing 23-JAN-2009 15:20:34.185 - 23-JAN-2009 15:28:10.321        456.13600 [sec]
MM orbit 71951 EGOI data missing 23-JAN-2009 15:10:15.059 - 23-JAN-2009 15:22:54.657        759.59800 [sec]
BE orbit 71952 EGOI data missing 23-JAN-2009 15:46:27.009 - 23-JAN-2009 15:55:15.532        528.52300 [sec]
MM orbit 71952 EGOI data missing 23-JAN-2009 16:49:32.523 - 23-JAN-2009 17:02:04.491        751.96800 [sec]
CM orbit 71952 EGOI data missing 23-JAN-2009 16:18:56.551 - 23-JAN-2009 16:31:19.788        743.23700 [sec]
MM orbit 71953 EGOI data missing 23-JAN-2009 18:28:40.680 - 23-JAN-2009 18:41:15.549        754.86900 [sec]
CM orbit 71953 EGOI data missing 23-JAN-2009 18:01:33.961 - 23-JAN-2009 18:06:10.702        276.74100 [sec]
MM orbit 71954 EGOI data missing 23-JAN-2009 20:07:56.759 - 23-JAN-2009 20:20:40.040        763.28100 [sec]
MA orbit 71954 EGOI data missing 23-JAN-2009 19:11:09.644 - 23-JAN-2009 19:18:51.431        461.78700 [sec]
JO orbit 71954 EGOI data missing 23-JAN-2009 20:27:16.995 - 23-JAN-2009 20:42:09.368        892.37300 [sec]
MM orbit 71955 EGOI data missing 23-JAN-2009 21:47:44.265 - 23-JAN-2009 22:00:21.004        756.73900 [sec]
MA orbit 71955 EGOI data missing 23-JAN-2009 20:45:44.015 - 23-JAN-2009 20:59:26.699        822.68400 [sec]
JO orbit 71955 EGOI data missing 23-JAN-2009 22:07:43.401 - 23-JAN-2009 22:19:24.479        701.07800 [sec]
HO orbit 71956 EGOI data missing 23-JAN-2009 23:18:30.914 - 23-JAN-2009 23:32:38.468        847.55400 [sec]
MM orbit 71956 EGOI data missing 23-JAN-2009 23:28:23.815 - 23-JAN-2009 23:40:16.713        712.89800 [sec]
MA orbit 71956 EGOI data missing 23-JAN-2009 22:29:42.313 - 23-JAN-2009 22:37:10.415        448.10200 [sec]
KS orbit 71947 EGOI data gap     23-JAN-2009 07:42:29.489 - 23-JAN-2009 07:43:37.165        67.676000 [sec]
KS orbit 71948 EGOI data gap     23-JAN-2009 09:22:04.465 - 23-JAN-2009 09:23:36.275        91.810000 [sec]
KS orbit 71949 EGOI data gap     23-JAN-2009 11:01:39.852 - 23-JAN-2009 11:03:14.382        94.530000 [sec]
KS orbit 71950 EGOI data gap     23-JAN-2009 12:40:57.753 - 23-JAN-2009 12:42:29.985        92.232000 [sec]
KS orbit 71951 EGOI data gap     23-JAN-2009 14:19:47.671 - 23-JAN-2009 14:21:26.094        98.423000 [sec]
KS orbit 71952 EGOI data gap     23-JAN-2009 15:57:35.727 - 23-JAN-2009 15:59:10.194        94.467000 [sec]
KS orbit 71953 EGOI data gap     23-JAN-2009 17:35:30.570 - 23-JAN-2009 17:37:07.787        97.217000 [sec]
KS orbit 71954 EGOI data gap     23-JAN-2009 19:13:49.512 - 23-JAN-2009 19:14:59.386        69.874000 [sec]
KS orbit 71955 EGOI data gap     23-JAN-2009 20:53:52.293 - 23-JAN-2009 20:54:55.494        63.201000 [sec]
KS orbit 71956 EGOI data gap     23-JAN-2009 22:36:07.240 - 23-JAN-2009 22:37:41.126        93.886000 [sec]
GS orbit 71945 EGOI data gap     23-JAN-2009 04:02:00.563 - 23-JAN-2009 04:03:05.822        65.259000 [sec]
GS orbit 71952 EGOI data gap     23-JAN-2009 16:10:16.274 - 23-JAN-2009 16:11:28.264        71.990000 [sec]
MS orbit 71949 EGOI data gap     23-JAN-2009 11:14:42.140 - 23-JAN-2009 11:16:20.466        98.326000 [sec]
MS orbit 71950 EGOI data gap     23-JAN-2009 12:54:54.479 - 23-JAN-2009 12:56:31.574        97.095000 [sec]
MS orbit 71956 EGOI data gap     23-JAN-2009 22:24:27.711 - 23-JAN-2009 22:25:36.552        68.841000 [sec]
MA orbit 71948 EGOI data gap     23-JAN-2009 09:30:11.487 - 23-JAN-2009 09:31:12.322        60.835000 [sec]
MI orbit 71945 EGOI data gap     23-JAN-2009 03:56:11.597 - 23-JAN-2009 03:58:17.795        126.19800 [sec]
SG orbit 71944 EGOI data gap     23-JAN-2009 02:58:50.904 - 23-JAN-2009 03:00:17.440        86.536000 [sec]
SG orbit 71944 EGOI data gap     23-JAN-2009 03:08:59.489 - 23-JAN-2009 03:12:12.087        192.59800 [sec]
SG orbit 71945 EGOI data gap     23-JAN-2009 04:39:30.709 - 23-JAN-2009 04:40:43.549        72.840000 [sec]
SG orbit 71951 EGOI data gap     23-JAN-2009 15:33:19.209 - 23-JAN-2009 15:34:53.541        94.332000 [sec]

instrument info
EGOI
      1 - complete solar calibration measurements available
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```
            start time 11:08:02.410, orbit 71949,
            (increase of intensity of PMD readouts during available
            solar calibration measurements data:
          15614 BU ->PMD2 readouts analysed with ERGO.
        2   - data are nominal, besides the occurrence of padded frames in
            channel 4 (frames 19, 20) since 18-DEC-2008. This is due to ATSR IRR
            switch-off; counter measures are expected in the next days.
*******************************************************************************

-------------------------------------------------------------------------------
    GOME Daily Reports Analysis             23 JAN            2008
-------------------------------------------------------------------------------

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
```