```
********************************************************************************
Summary of Anomalies:
station info
MM orbit 56683 EGOI data missing 00:03:08 - 00:14:35
BE orbit 56684 EGOI data missing 01:13:37 - 01:20:03
MM orbit 56684 EGOI data missing 01:45:14 - 01:54:49
MM orbit 56685 EGOI data missing 03:28:11 - 03:35:25
KS orbit 56687 EGOI data missing 06:06:28 - 06:12:13
MM orbit 56690 EGOI data missing 11:53:43 - 12:06:04
BE orbit 56691 EGOI data missing 12:30:22 - 12:39:46
MM orbit 56691 EGOI data missing 13:33:32 - 13:46:15
MM orbit 56692 EGOI data missing 15:13:05 - 15:25:44
BE orbit 56693 EGOI data missing 15:49:31 - 15:57:56
MM orbit 56693 EGOI data missing 16:52:22 - 17:04:54
MM orbit 56694 EGOI data missing 18:31:30 - 18:44:05
MM orbit 56695 EGOI data missing 20:10:47 - 20:23:30
MA orbit 56695 EGOI data missing 19:13:16 - 19:21:17
MM orbit 56696 EGOI data missing 21:50:36 - 22:03:12
MM orbit 56697 EGOI data missing 23:31:17 - 23:43:08
MA orbit 56697 EGOI data missing 22:32:49 - 22:39:50
MI orbit 56686 EGOI data gap     04:07:04 - 04:11:57
BE orbit 56692 EGOI data gap     14:13:18 - 14:20:23

instrument info
EGOI     1 - GOME switch off due to ATSR ICU Reset
             (see ER2-UNA-2006/010), 07:51:11 - 11:11:51
             -      no data available due to switch off:

                MM orbit 56688 08:33:24 - 08:42:38
             MA orbit 56688 07:55:59 - 08:01:45
             MM orbit 56689 10:13:41 - 10:24:53
             KS orbit 56689 09:24:55 - 09:38:41
             MA orbit 56689 09:33:01 - 09:46:39
                KS orbit 56688 07:51:12 - 07:57:00
             KS orbit 56690 11:04:30 - 11:10:12

       - coolers off, 07:51:11 - 12:52:37
             detector temperatures out of range
                (max warm up 281.5 K)

       TST 44 started at  ~11:30 , orbit 56690
                lamp calibration sequences 12:50:41.946 - 12:50:55.446

             a - and followed with lamp failure 182
                 start 12:50:55.446 - stop 12:52:35.958
                   (voltage dropped down to a value of about 178V
                   after a few seconds - nominal value is ca. 198V)

       2 - orbits 56690 - 56693 , between 11:10:12 - 16:05:38 occurence
             of padded frames (Frame 20),
               no science data available for detector channel4

       3 - complete solar calibration measurements available
             start time 12:46:41.923 , orbit 56691 (3 th KS orbit),
             (increase of intensity of PMD readouts during available
             solar calibration measurements data:
             15710 BU ->PMD2 readouts analysed with ERGO.
********************************************************************************

--------------------------------------------------------------------------------
   GOME Daily Reports Analysis   22 Feb                    2006
--------------------------------------------------------------------------------

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	>> cooler off between 07:51:11 - 12:52:37
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	temp out of range
FPA Temperatures B	temp out of range
Charge Amp Temperatures	temp out of range
Other Temperatures A	temp out of range
DDHU Temperatures	temp out of range
Optical Bench Temperatures	temp out of range
Other Temperatures B	temp out of range
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