

0. SCIAMACHY Daily Report for Level 0 products

[0.1 General Info](#)

[0.2 Product Quality Indicators](#)

[0.3 State monitoring](#)

[0.4 ADF monitoring](#)

0.1 General Info

This report contains a daily analysis on parameters extracted from SCIAMACHY Level 0 data (the SCI_NL__0P product).

0.1.1 Report summary

The table below shows general characteristics of the data that are included into this report.

| Item | Value |
|--|--|
| Report version | v1.4 20100407 |
| Time of report generation | 23SEP2010 02:18:31 |
| Data source version | <Any version> |
| Processing scope for products | 16SEP2010 00:00:00 to 17SEP2010 00:00:00 |
| Start time of first product within scope | 16SEP2010 00:04:34 |
| Stop time of last product within scope | 17SEP2010 01:13:48 |
| Total number of Level 0 products | 16 |
| Number of Level 0 products with errors | 0 |

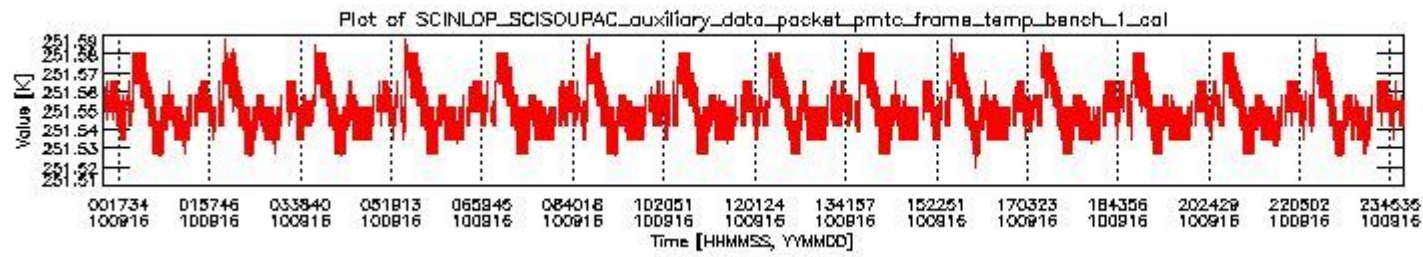
0.1.2 Summary per product

The following table shows a summary for each product used in this report.

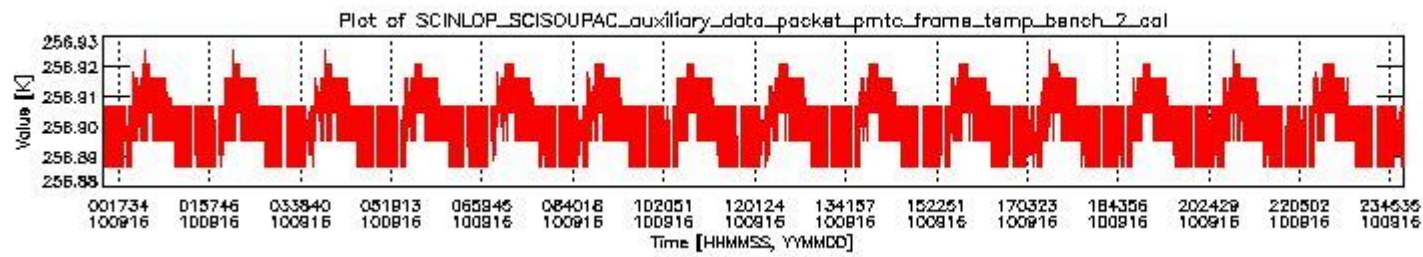
| # | Product name | Start time | Stop time | Prod err | ISP err sign | ISP miss sign | ISP disc sign | rs sign |
|----|--|--------------------|--------------------|----------|--------------|---------------|---------------|---------|
| 0 | SCI_NL__OPNPDE20100916_000434_000059562093_00030_44673_2349.N1 | 16SEP2010 00:04:34 | 16SEP2010 01:43:50 | 0 | 0 | 0 | 0 | 0 |
| 1 | SCI_NL__OPNPDE20100916_014306_000044422093_00031_44674_2350.N1 | 16SEP2010 01:43:06 | 16SEP2010 02:57:08 | 0 | 0 | 0 | 0 | 0 |
| 2 | SCI_NL__OPNPDE20100916_025708_000061052093_00032_44675_2351.N1 | 16SEP2010 02:57:08 | 16SEP2010 04:38:53 | 0 | 0 | 0 | 0 | 0 |
| 3 | SCI_NL__OPNPDE20100916_043757_000061482093_00033_44676_2352.N1 | 16SEP2010 04:37:57 | 16SEP2010 06:20:25 | 0 | 0 | 0 | 0 | 0 |
| 4 | SCI_NL__OPNPDK20100916_061929_000041142093_00034_44677_2486.N1 | 16SEP2010 06:19:29 | 16SEP2010 07:28:03 | 0 | 0 | 0 | 0 | 0 |
| 5 | SCI_NL__OPNPDK20100916_072655_000062172093_00035_44678_2487.N1 | 16SEP2010 07:26:55 | 16SEP2010 09:10:31 | 0 | 0 | 0 | 0 | 0 |
| 6 | SCI_NL__OPNPDK20100916_090936_000059812093_00036_44679_2488.N1 | 16SEP2010 09:09:36 | 16SEP2010 10:49:16 | 0 | 0 | 0 | 0 | 0 |
| 7 | SCI_NL__OPNPDK20100916_104808_000060362093_00037_44680_2489.N1 | 16SEP2010 10:48:08 | 16SEP2010 12:28:44 | 0 | 0 | 0 | 0 | 0 |
| 8 | SCI_NL__OPNPDK20100916_122735_000059812093_00038_44681_2490.N1 | 16SEP2010 12:27:35 | 16SEP2010 14:07:16 | 0 | 0 | 0 | 0 | 0 |
| 9 | SCI_NL__OPNPDK20100916_140620_000058992093_00039_44682_2491.N1 | 16SEP2010 14:06:20 | 16SEP2010 15:44:39 | 0 | 0 | 0 | 0 | 0 |
| 10 | SCI_NL__OPNPDK20100916_154439_000059452093_00040_44683_2492.N1 | 16SEP2010 15:44:39 | 16SEP2010 17:23:44 | 0 | 0 | 0 | 0 | 0 |
| 11 | SCI_NL__OPNPDK20100916_172236_000058692093_00041_44684_2493.N1 | 16SEP2010 17:22:36 | 16SEP2010 19:00:24 | 0 | 0 | 0 | 0 | 0 |
| 12 | SCI_NL__OPNPDK20100916_185944_000060572093_00042_44685_2494.N1 | 16SEP2010 18:59:44 | 16SEP2010 20:40:41 | 0 | 0 | 0 | 0 | 0 |
| 13 | SCI_NL__OPNPDE20100916_203823_000044082093_00043_44686_2353.N1 | 16SEP2010 20:38:23 | 16SEP2010 21:51:51 | 0 | 0 | 0 | 0 | 0 |
| 14 | SCI_NL__OPNPDE20100916_215023_000061612093_00043_44686_2354.N1 | 16SEP2010 21:50:23 | 16SEP2010 23:33:04 | 0 | 0 | 0 | 0 | 0 |
| 15 | SCI_NL__OPNPDE20100916_233230_000060782093_00044_44687_2355.N1 | 16SEP2010 23:32:30 | 17SEP2010 01:13:48 | 0 | 0 | 0 | 0 | 0 |

0.2 Product Quality Indicators

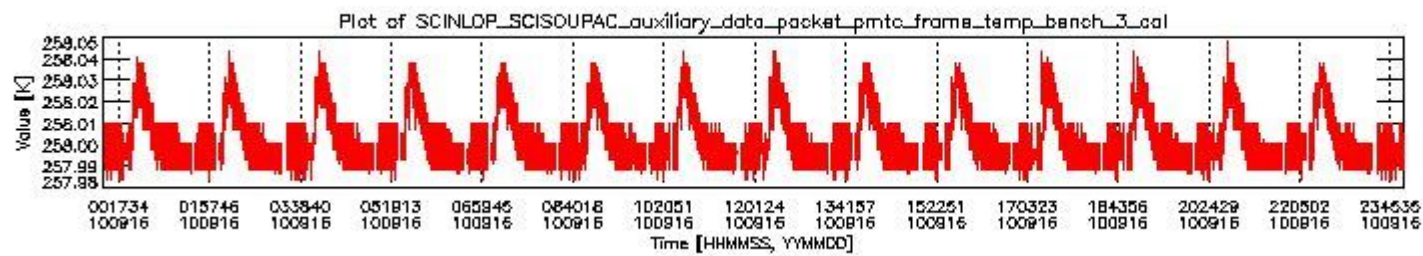
This section shows information about product quality, currently temperatures.



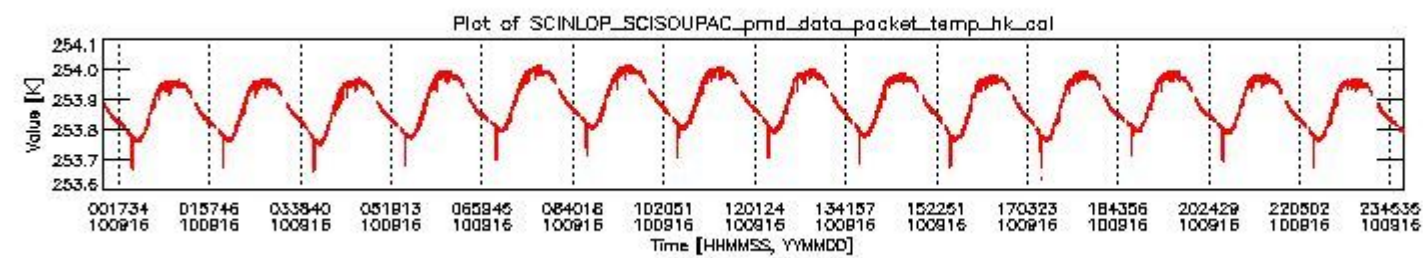
sciamachy_daily_report_level0_Any_version_20100916_0.PNG



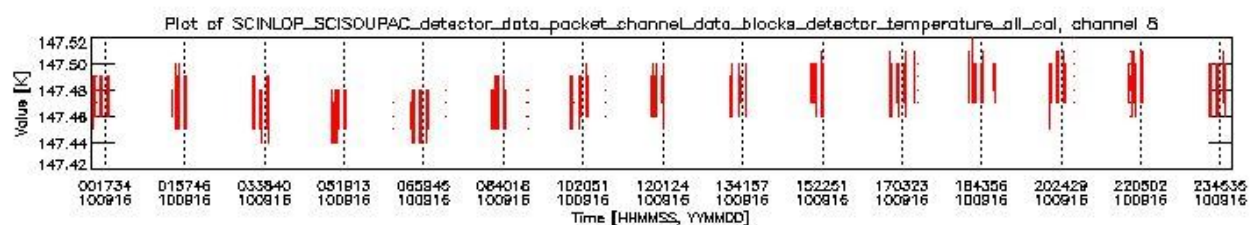
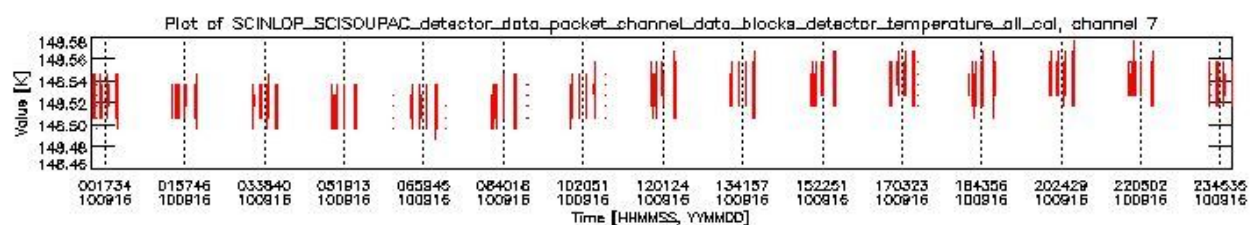
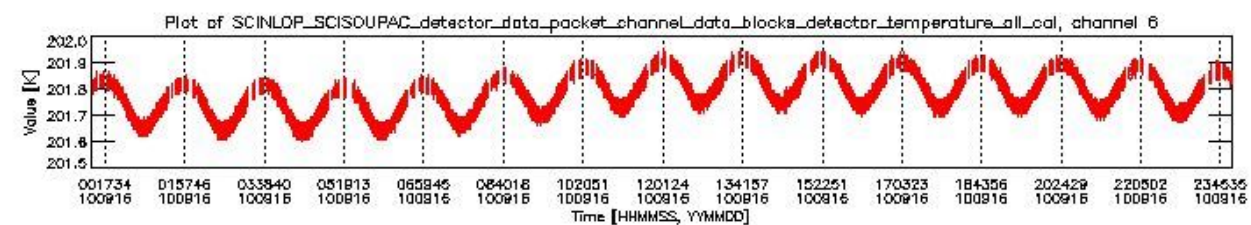
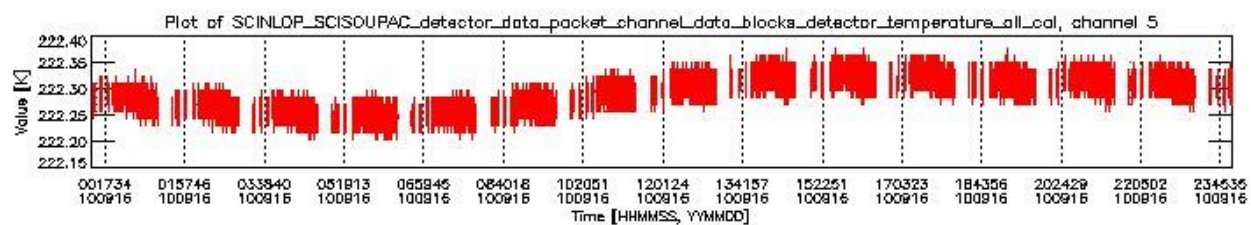
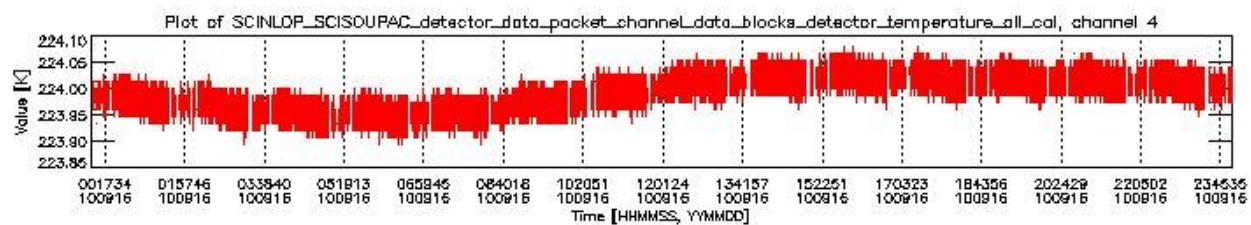
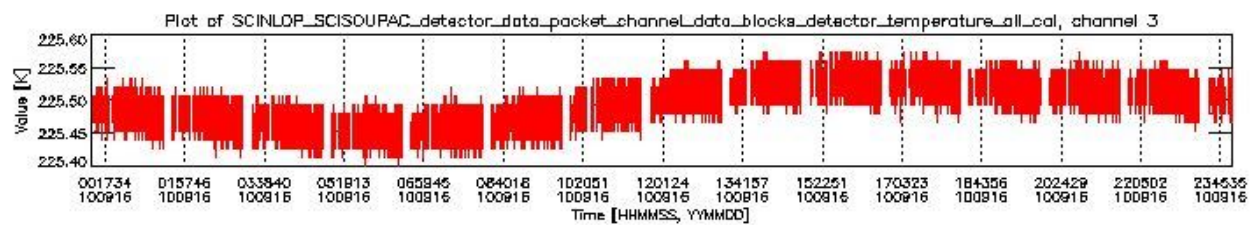
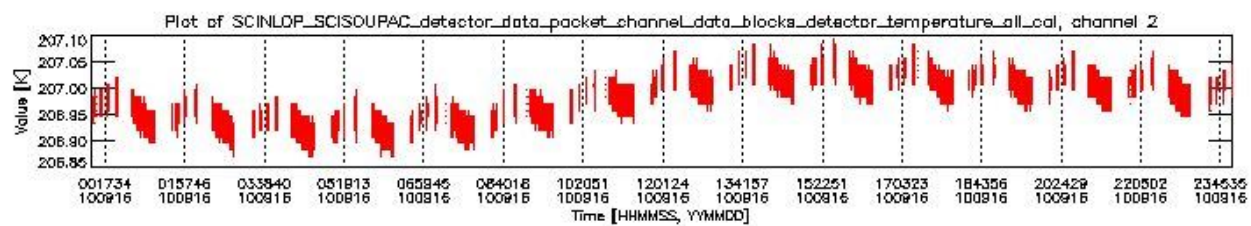
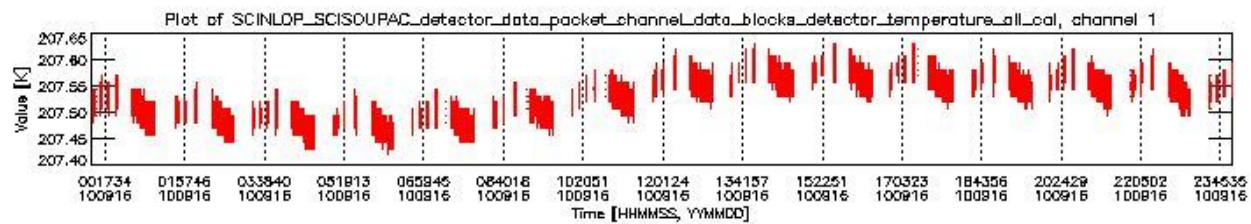
sciamachy_daily_report_level0_Any_version_20100916_1.PNG



sciamachy_daily_report_level0_Any_version_20100916_2.PNG



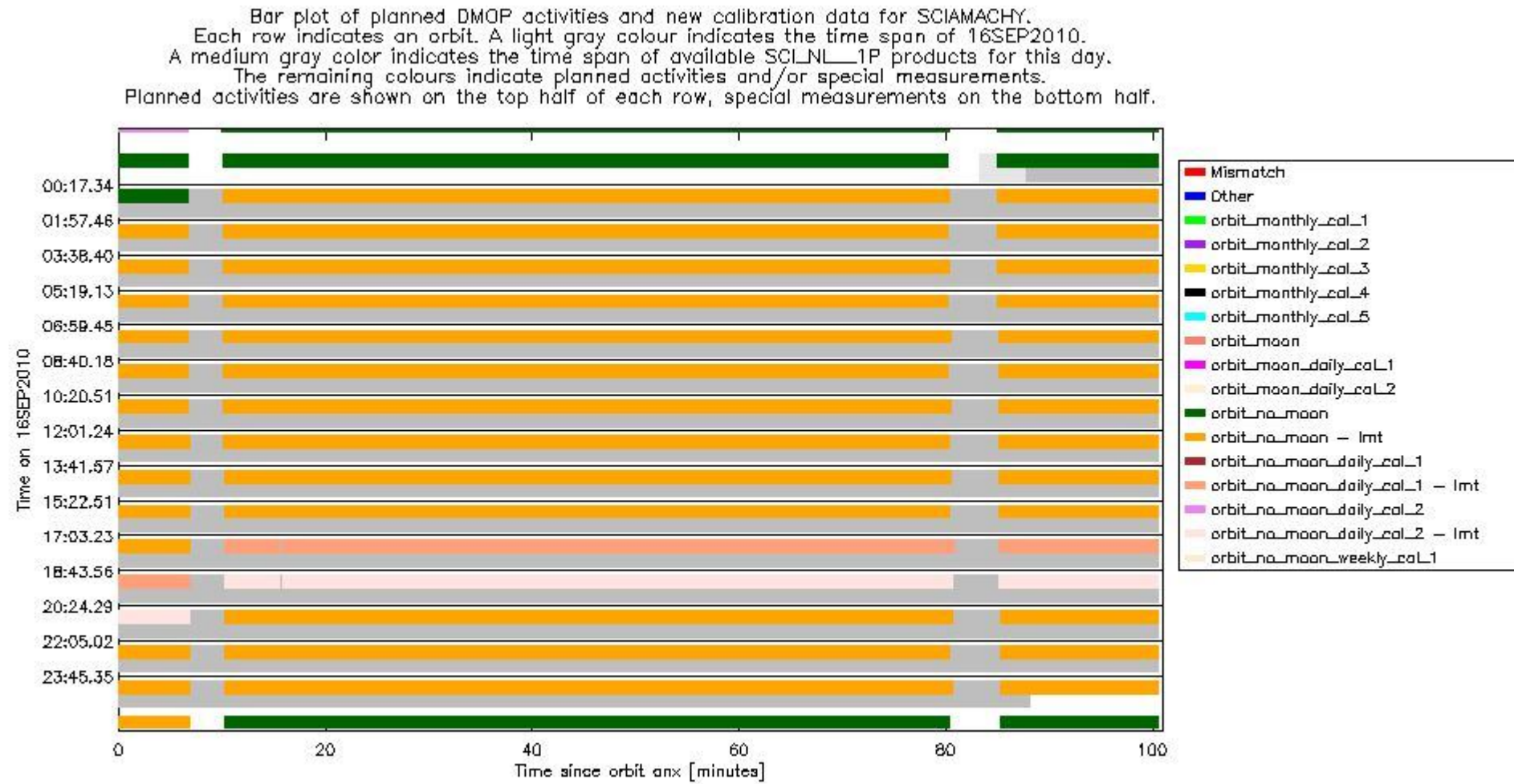
sciamachy_daily_report_level0_Any_version_20100916_3.PNG



0.3 State monitoring

No instrument tracking information available. This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

The following plot gives an overview of planned activities and actual state IDs in the Level 0 products. The planning is taken from the DMOP files, and interpreted using information from OSDF files.



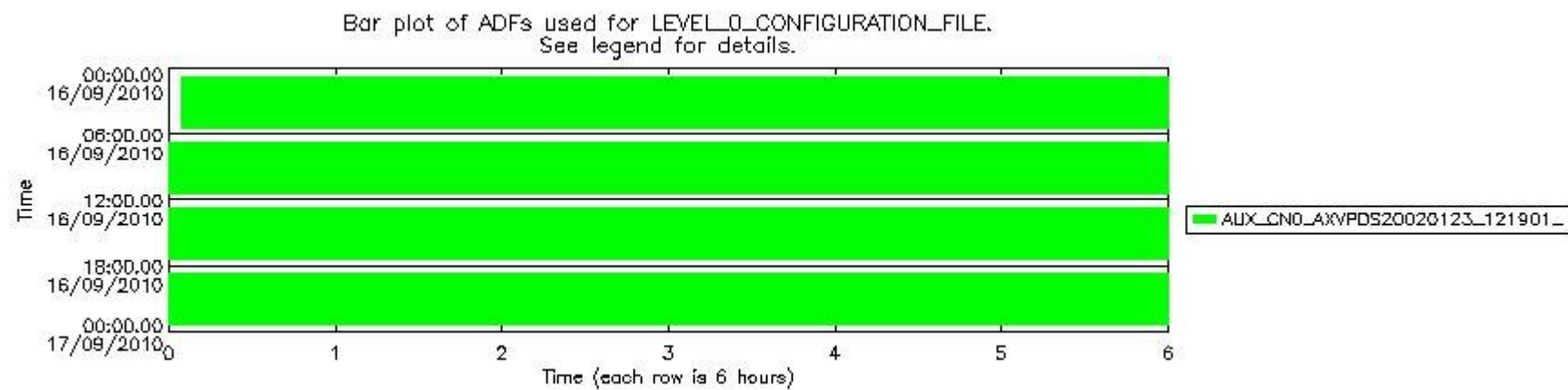
0.4 ADF monitoring

This section shows the (variation in) ADFs used for each of the products. It consists of:

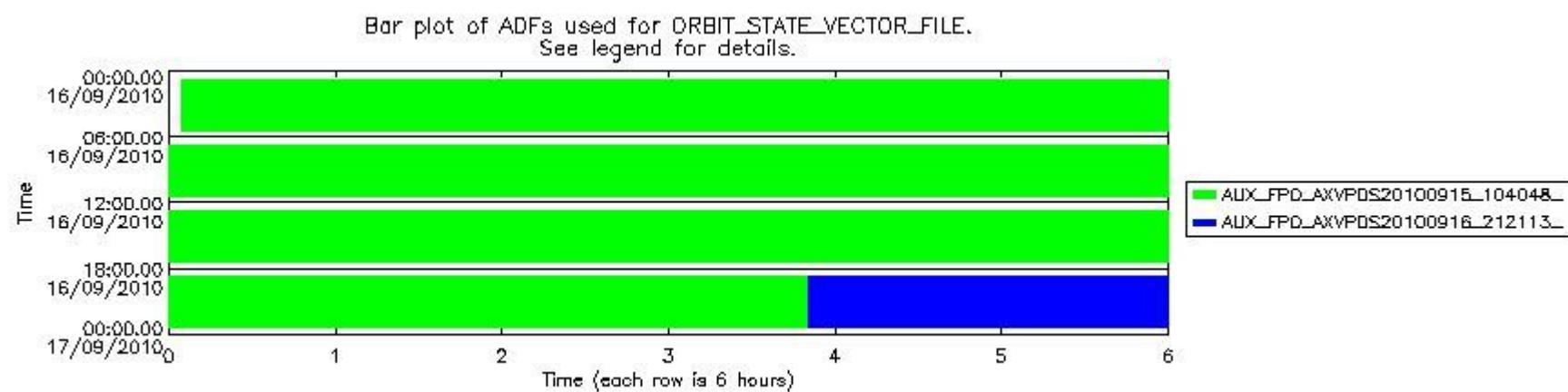
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

If multiple ADFs of a single type were used, these are marked **red** in the table.

| Number | ADF |
|--------|---|
| | CNO (LEVEL_0_CONFIGURATION_FILE) |
| 0 | AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000 |
| | FPO (ORBIT_STATE_VECTOR_FILE) |
| 1 | AUX_FPO_AXVPDS20100915_104048_20100914_194708_20100924_211320 |
| 2 | AUX_FPO_AXVPDS20100916_212113_20100915_191531_20100925_204143 |



sciamachy_daily_report_level0_Any_version_20100916_6.PNG



sciamachy_daily_report_level0_Any_version_20100916_7.PNG

