


# AEOLUS LEVEL-2B PROCESSOR

## SOFTWARE RELEASE NOTE



	Aeolus Level-2B Processor Software Release Note	Ref: AED-SD-ECMWF-L2B-040 Issue: 3.90 Date: 31 Jan. 2023
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## 1. Introduction

This document provides information on the release of the Aeolus Level-2B Processor (L2BP) software version 3.90 on 31-Jan-2023.

Version 3.90 is an improvement relative to version 3.80 through a variety of scientific and technical changes. L2BP version 3.90 interfaces to the latest L1B processor i.e. version 7.14. A detailed list of changes to the software is provided in Section 2.2.

This version was build on top of the L2BP v3.80 version and also includes the changes provided with the L2BP version 3.81 patch delivery.

## 2. Release Description

### 2.1. Software and Documentation

This release contains the Level-2B Processor version 3.90 software and its associated documentation; see Section 5 for a list of what is included in this release.

It is intended to be compatible with ESA's Aeolus Payload Data Ground Segment (PDGS) and its interface, the so called "Thin Layer Environment", and to be portable to other linux and unix based computer platforms e.g. those of national weather centres and scientific researchers. In addition to the Level-2B processor itself, the release contains several tools such as a L2B Report Generator tool for converting log files to xml format and the Level-2B Earth Explorer (EE) format to BUFR format converter tool. See the Software User's Manual [AD1] for details of the various tools that are available.

L2BP v3.90 interfaces to the Aeolus Level-1B product types WVM (=Wind Velocity Measurement) and OWV (=Off-line Wind Velocity measurement) generated by the L1B processor versions 7.13 and 7.14 and defined in its corresponding IODD; see [AD3]. For the convenience of the user, also the previous L1B product format version generated by L1bP v7.12 with corresponding IODD v4/15 is supported<sup>1</sup>. Refer to the Software User's Manual [AD1] for information on how to install and run the L2B processor and associated software. Please note that older L1B product versions are not supported anymore.

Table 1 provides a list of inputs and outputs of relevance to L2BP v3.90 and with which file format versions (schema versions) the L2BP is compatible. This version of the L2BP has been made flexible enough to be able to read the previous version of some of the input files, to make the transition to the new operational set of processors as smooth as possible. An exception on this compatibility is the AUX\_PAR\_2B parameter file, which is intentionally created to be specific for this processor version only. The L2BP is not supposed to use AUX\_PAR\_2B files from other releases and will generate an error if this is attempted. However, a new copy of all relevant AUX\_PAR\_2B files that have been used in the past for NRT processing and re-processing is provided in the new format in this delivery. For input files that will not change format during this upgrade round compatibility with older versions has been removed.

<sup>1</sup>However please note that older L1B product versions may not contain all data needed for more recent algorithms in the L2BP, so some results may not be calculated.


**Table 1. Compatibility matrix. Inputs and outputs to L2BP v3.81 and applicable file format schema versions**

File type	Format Changed	Input/Output <b>blue</b> if compulsory	Schema version(s) permitted	IODD/reference document
ALD_U_N_1B	No	I	04.16 and 04.15	[AD3]
AUX_MET_12	No	I	03.10 and 02.20	[AD2]
AUX_PAR_2B	Yes	I	03.90	[AD2]
AUX_RBC_L2	No	I	4.3 and 4.1	[AD4]
AUX_CAL_L2	No	I	4.3	[AD5]
AUX_CLM_L2	No	I	3.11 <sup>2</sup> , 4.1	[AD2]
AUX_TEL_12	No	I	03.70, 03.60 <sup>3</sup> , 03.40, 03.30	[AD2]
AUX_MRC_1B	No	I (optional)	04.16 and 04.14	[AD3]
AUX_RDB_1B	No	I (optional)	04.09	[AD3]
AUX_HBE_1B	No	I (optional)	04.09	[AD3]
ALD_U_N_2B	Yes	O	03.90	[AD2]
ALD_REP_2B	No	O	02.20	[AD6]
ALD_U_N_2C	Yes	O <sup>4</sup>	03.90	[AD2]

<sup>2</sup>Note that responsibility for maintaining and documenting this file was moved to the L2A processor development team. As a consequence the versioning scheme has made a jump backwards.

<sup>3</sup>Note that a version 03.50 has occurred by mistake. This version has been marked as invalid and should not be used. The L2BP will stop with an error if it encounters such a file.

<sup>4</sup>The L2C product is strictly speaking not an output of the L2BP itself, but a product of a forecasting system as run by a NWP center added to the L2B product as extension.

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The applicable documents for this release are listed in Table 2 and the reference documents are listed in Table 3.

**Table 2. Applicable documents**

Ref	Document title	Document ref	Ver	Date
[AD1]	Aeolus Level-2B Processor Software User's Manual	AED-SD-ECMWF-L2B-039	2.5	31-Jan-2023
[AD2]	Aeolus Level-2B/Level-2C Processor Input/Output Data Definitions Interface Control Document	AED-SD-ECMWF-L2B-037	3.90	31-Jan-2023
[AD3]	Aeolus Level 1b Processor and End-to-End Simulator Input/Output Data Definitions Interface Control Document	AED-SD-DoRIT-L1B-006--IODD	4.18	31-Jan-2023
[AD4]	Aeolus Rayleigh-Brillouin Correction Look-up Table Generator Input/Output Data Definitions Interface Control Document	AED-TN-MFG-GS-0003	4.4	30-Apr-2020
[AD5]	Generation of AUX_CAL Detailed Processing Model Input/Output data definition	AED-TN-MFG-L2P-CAL-004	4.4	30-Apr-2020
[AD6]	Aeolus Instrument Processing Facilities Interface Control Document	XADM-GSEG-EOPG-IC-14-0021 v1.14	1.14	09-Mar-2017

**Table 3. Reference documents**

Ref	Document title	Document ref	Ver	Date
[RD1]	Aeolus Level-2B Processor External Interface Control Document	AED-SD-ECMWF-L2B-031	2.00	9-Aug-2018
[RD2]	Aeolus Level-2B Processor Algorithm Theoretical Basis Document (Mathematical Description of the Aeolus Level-2B Processor)	AED-SD-ECMWF-L2B-038	3.40	16-Jul-2020
[RD3]	Aeolus Level-2B Processor Software Requirements Document	AED-SD-ECMWF-L2B-032	2.3	31-Jul-2020
[RD4]	Aeolus Level-2B Processor Design Document	AED-SD-ECMWF-L2B-034	1.2	21-Feb-2018
[RD5]	Aeolus Level-2B Processor Software Verification & Validation Plan	AED-SD-KNMI-L2B-036	2.3	31-Jul-2020
[RD6]	Aeolus Level-2B BUFR description	AED-SD-ECMWF-L2B-033	1.00	23-Nov-2015
[RD7]	Aeolus L2B BUFR Converter Software User Manual	AED-SD-KNMI-L2B-035	1.3	31-Jul-2021

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## 2.2. Changes implemented for L2BP version 3.90

The following sub-sections list the code, file format and documentation changes that have been made relative to the previous release of the software (L2BP v3.81, released on 9-Sep-2022). It includes solutions for all high and medium priority evolution items and JIRA issues known at this moment.

### 2.2.1. Scientific algorithm changes

List of changes relevant to the scientific wind retrieval algorithms:

- A new residual threshold option has been added to the Mie Core fitting procedure.
- [Evolution item 060] Controlling switches have been added to the Mie channel noise spike detection algorithm. This algorithm is still experimental and switched off by default.
- [Evolution item 067] Added a new Rayleigh channel wind bias correction based on the Mie channel emitted frequency.

### 2.2.2. Technical changes

List of technical changes implemented in the L2B processor software package:

- A bug was fixed in the L2B\_ee2bufr tool that occurred in case an empty product containing no winds at all was converted.
- More hard coded settings have been moved to the AUX\_PAR\_2B parameter file (especially the AUX\_MET\_12 profile interpolation settings).
- [Evolution item 045] A correction has been applied to the reported lat/lon values to ensure start/stop values differ and report the actual measurement length. This prevents identical values in case a wind is based on a single measurement only. (previously the measurement center locations for the first and last included measurement were reported).
- New TIMEACC/ENDTIMEACC keyword handling has been added to the difftool to handle tiny differences of a few microseconds in the generated datetime stamps that may occur in the automatic test suite on some computers.
- The AUX\_PAR\_2B file format has been changed. The following fields have been added:
  - o Report\_Measurement\_Center\_DateTime and Report\_Measurement\_Center\_Lat-Lon switches have been added.
  - o The Residual\_Error\_Threshold switch has been renamed to Residual\_Error\_Change to reflect the actual meaning of this switch for the Mie Core fitting algorithm, and a new Residual\_Error\_Threshold switch was added, for both the atmospheric path and the internal reference path Mie Core fitting.
  - o A new Max\_Reported\_Mie\_HLOS\_Error switch was added.
  - o A block of Spike\_Detection\_Params was added to the Mie\_Algorithm\_Params section.
  - o The Enforce\_Fixed\_IntRef\_RR switch was replaced by the RR\_Ref\_Method switch to reflect the fact that we now have 3 possible options to determine the internal reference response. Also 2 new settings have been added named MieRespFreq\_to\_RR\_offset and MieRespFreq\_to\_RR\_slope that are used by the new Rayleigh channel wind bias correction based on the Mie channel emitted frequency [Evolution item 067].
  - o A new section of AMD\_Interpolation\_Settings has been added to allow changing these settings that previously were hardcoded.
  - o For consistency an Upper\_Threshold was added to the L1B\_Laser\_Freq\_Offset\_Check in the L1B\_Obs\_Screening\_Params section.
- The L2B product file has been changed (and therefore the L2C product file format as well):
  - o A new RR\_refpulse field was added to record the reference Rayleigh response that may have been derived by the new algorithm that takes the Mie emitted frequency as input.
  - o A number of previously reserved bin\_QC\_Flags bits have been defined.
- Obsolete notices:
  - o None.

### 2.2.3. Technical changes in response to Anomaly Reports

This release does not contain fixes or improvements in response to Anomaly Reports on JIRA. Remaining Known Issues are discussed in Section 4.

### 2.2.4. Updated documentation

Updates include:

- The IODD document [AD2] is updated in line with the L2B/L2C product, and AUX\_PAR\_2B file updates.
- The SUM document [AD1] is updated to reflect a small change in dependencies for the automatic test suite (the xmllint tool is now required).
- This current SRN document has been written.
- Due to limited time of the developer no other documents have been updated.

### 2.3. Testing Performed for this release

During development of this release, the code has been tested with a variety of operating system and compiler combinations which are listed in Table 4.

**Table 4. Tested computer environments; all platforms are 64-bit unless indicated as 32-bit.**

Operating system	Hardware	Fortran compilers	Python	XML
Rocky Linux release 8.6 (Green Obsidian)	ECMWF Bologna operational L2/MetPF environment (SAPP DH1 and DH2 VMs)	<ul style="list-style-type: none"> <li>gfortran/gcc 8.5.0 20210514 (Red Hat 8.5.0-10)</li> <li>odc/1.4.5</li> </ul>	V3.8.13	libxml2 v2.9.7
Red Hat Enterprise Linux 8.6 (Ootpa)	ECMWF ATOS HPC	<ul style="list-style-type: none"> <li>GNU gfortran/gcc 8.5.0</li> <li>AMD flang/clang 12.0.0</li> <li>Intell ifort 2021.4.0</li> <li>Portland pgfortran 20.4-0</li> </ul>	V3.8.8	libxml2 v2.9.7
		•		
Fedora 36	KNMI desktop machine (workstation)	<ul style="list-style-type: none"> <li>gfortran 12.2.1</li> <li>G95 (GCC 4.0.3; g95 0.94!; Jan 17 2013)</li> <li>pgf90 11.10-0</li> <li>nvfortran 22.11-0</li> <li>ifort 2021.6.0</li> </ul>	v3.10.9	libxml2 v2.10.3
		•		
CentOS-6	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v4.4.7</li> </ul>	V2.6.6	libxml2 v2.7.6
CentOS-7	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.4.8.5</li> </ul>	V2.7.5	libxml v2.9.1
CentOS-7 (32-bit)	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.4.8.5</li> </ul>	V2.7.5	libxml v2.9.1
Note that CentOS-8 is end-of-life now. For testing purposes it was replaced with AlmaLinux which should be very similar.				
AlmaLinux-8	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.8.5.0</li> </ul>	V3.6.8	libxml v2.9.7
AlmaLinux-8-nopython	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.8.5.0</li> </ul>	not installed	libxml v2.9.7
		•		
Fedora 35	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.11.3.1</li> </ul>	V3.10.8	libxml v2.9.14
Fedora 36	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.12.2.1</li> </ul>	V3.10.7	libxml v2.10.3
Fedora 37	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.12.2.1</li> </ul>	V3.11.0	libxml v2.10.3
Fedora 38/rawhide	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.13.0.1</li> </ul>	V3.11.1	libxml v2.10.3
		•		
Ubuntu:bionic	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.7.5.0</li> </ul>	V3.6.9	libxml 2.9.4
Ubuntu:focal	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.9.4.0</li> </ul>	V3.8.10	libxml 2.9.10
Ubuntu:jammy	Container based test	<ul style="list-style-type: none"> <li>gfortran/gcc v.11.3.0</li> </ul>	V3.10.6	libxml 2.9.13
		•		
MacOS (arm64-apple-darwin 20.6.0)	Test results provided by Sebastian Bley.	<ul style="list-style-type: none"> <li>clang 12.0.5</li> <li>gfortran 11.1.0 (Homebrew gcc 11.2.0)</li> </ul>	V3.8.5	No version known

Please report the behaviour of the L2B processor tested in other environments to the email address given in Section 6.

Many unit tests are contained within the Test directory of the source code. See Section 5.5 of the SUM [AD1] for how to run the tests.

The expected test results for this delivery are given in Table 5.

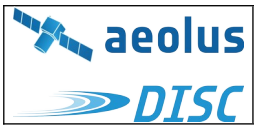
**Table 5. Expected test results for various environments for version 3.81**

Operating system	Bit	Fortran compiler	XML interface <sup>5</sup>	Tests passed	Tests failed	Tests skipped	Comments
Linux	64	gfortran	use_ee_cfi_wrapper	557	0	0	Full functionality
Linux	64	gfortran	use_simple_xml	548	0	9	Full functionality
Linux (no python)	64	gfortran	use_simple_xml	487	0	67	Python based tools not available <sup>6</sup>
Linux	32	gfortran	use_simple_xml	548	0	9	Full functionality
Linux	64	pgf90	use_ee_cfi_wrapper	557	0	0	Full functionality
Linux	64	pgf90	use_simple_xml	548	0	9	Full functionality
Linux	64	g95	use_ee_cfi_wrapper	557	0	0	Full functionality
Linux	64	g95	use_simple_xml	548	0	9	Full functionality
Linux	64	ifort	use_ee_cfi_wrapper	557	0	0	Full functionality
Linux	64	ifort	use_simple_xml	548	0	9	Full functionality
ATOS Linux	64	AMD flang	use_simple_xml	548	0	9	Full functionality
ATOS Linux	64	pgi fortran	use_simple_xml	548	0	9	Full functionality
ATOS Linux	64	gnu gfortran	use_simple_xml	548	0	9	Full functionality
ATOS Linux	64	intel ifort	use_simple_xml	548	0	9	Full functionality
Rocky Linux/SAPP	64	gfortran	use_simple_xml	548	0	9	Full functionality
MacOS / Darwin (no test results yet)	64	Clang / gfortran	use_simple_xml	... not retested	...	9	Failures are related to BUFR file decoding. See [KI5]

<sup>5</sup>ee\_cfi\_software 4.3.1 has been tested.

<sup>6</sup>Note that there seems to be a small mistake in the test script causing the total number of executed and skipped tests to differ from the total number of tests for the noppython case. This issue is known and will be repaired in a next release.



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### ***3. Software compilation and installation***

For guidance on system requirements and how to compile and install the software, please refer to the Software User's Manual (SUM) [AD1].

## 4. Known Issues and Outstanding Anomaly Reports

### 4.1. Known Issues


- **[K11]** Please note that EE CFI versions 4.7 or higher should not be used with the current L2BP. In these versions some significant changes in the interfacing to the xml subroutines have been implemented which cause the L2BP to crash. We may move to newer ee\_cfi versions in a later release (but only if time permits). Currently ee\_cfi versions 4.2 and 4.3.1 have been tested with good results and can be used. It should be noted that use of the ee\_cfi library is optional, and not the default. It is mainly used by the developer to ensure our replacement fortran code works as intended.
- **[K12]** There are issues in the reproducibility of the layer height as detected by the (optional) Optical Properties Algorithm. The L2BP compiled using different compilers may find significantly different results. The automatic test suite takes this in to account by using reduced precision when comparing these test results. However, for this reason, it is recommended not to switch on the OPC algorithm for operational use at this stage, until a root cause is found; the OPC algorithms are still in development. We will try to resolve this for a next release.
- **[K15]** On MacOS the L2B\_processor main program works as intended, but the bufrdc library compilation fails. For this reason the L2B\_ee2bufr and L2B\_bufr2ascii tools cannot be used on this platform. We will try to solve this for a next release.

### 4.2. Outstanding Anomaly/JIRA Reports

There are no open JIRA issues for the L2BP at the time of this delivery (see Table 6).

**Table 6. A list of outstanding JIRA reports at the time of L2BP v3.90 delivery**

AE-IPF ID	Observation	Criticality	Comment
-	-	-	-

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## 5. Software/Document Transfer Inventory

This release of the Aeolus Level-2B Processor software consists of the following source code and data:

Filename	Extension	Size in bytes	MD5 checksum	Contents
L2BP_Release_3_90_source	.tar.gz	1877599	de14c0468d01e28921e440bac938ff7a	Source code including installation scripts
L2BP_Release_3_90_datapack_20230131	.tar.gz	141677871	ee321e600034417f24f190623a5ce7bc	Binary data and sample files needed for Installation and Testing. This also includes the ECMWF BUFR DC library.
L2BP_Release_3_90_installtest_20230131	.tar.gz	160109063	396438d537726f26361179a990654f22	Binary data needed for testing and ASCII expected test result files for Testing


The contents of the tarred and gzipped files are listed in the appendices.

Documents included in the release are listed in the table below. The table also indicates those that have been updated in this release. The sizes refer to the versions without tracked changes.

Filename	Extension	Size in bytes	Contents	Updated for this release?
AED-SD-ECMWF-L2B-040--SRN--v3_90--2023_01_31	.pdf	377809	Software Release Note	Yes
AED-SD-ECMWF-L2B-037--IODD--v3_90--2023_01_31	.pdf	983222	Input-Output Data Definition Document	Yes
AED-SD-ECMWF-L2B-039--SUM--v2_04--2021_07_31	.pdf	1014452	Software User's Manual	Yes
AED-SD-ECMWF-L2B-031--EICD--v2_00--2018_08_09	.pdf	796332	External Interface Control Document	No
AED-SD-ECMWF-L2B-038--ATBD--v3_40--2020_07_16	.pdf	3518270	Algorithm Theoretical Basis Document (Mathematical Description)	No
AED-SD-ECMWF-L2B-032--SRD--v2_03--2020_07_31	.pdf	431902	Software Requirements Document	No
AED-SD-ECMWF-L2B-034--DD--v1_02--2018_02_21	.pdf	2452384	Design Document	No
AED-SD-KNMI-L2B-036--SVVP--v2_03--2020_07_31	.pdf	508673	Software Verification & Validation Plan	No
AED-SD-KNMI-L2B-035--BC_SUM--v1_03--2021_07_31	.pdf	304238	L2B BUFR Converter Software User Manual	No
AED-SD-ECMWF-L2B-033--BD--v1_00--2015_11_23	.pdf	681766	L2B BUFR template document	No

Further documentation written in the style of the EUMETSAT NWP-SAF initiative is included for this release in a file L2BP\_Release1.40\_SAF\_docs\_20090228.tar.gz (size 1 349 705 bytes, provided in the Documents/unmodified folder), and are itemized as follows (note this has not been updated for this release and is now rather obsolete):

Filename	Extension	Size in bytes	Contents
AE-SAFPS-KNMI-L2BP_20080520_v0.4_ProdSpec	.pdf	135 247	Product Specification
AE-SAFSP-KNMI-L2BP_003_Setup_Guide.v1.1.20080520	.pdf	120 461	Setup Guide
AE-SAF-KNMI-L2BP_004_Users_Guide_v0.2_20080520	.pdf	123 456	Users' Guide

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AE-SAFSP-KNMI-L2BP_005_Science_Plan_v0.3_20080520	.pdf	120 743	Science Plan
AE-SAFTLD-KNMI-L2BP_001_TopLevelDesign_20080813_v0.91	.pdf	239 681	Top Level Design
AE-SAFTP-MFG-L2BP_001_TestPlan_v0.2_20080509	.pdf	386 261	Test Plan
MFG-L2BP_fortran_datastructures_20080509	.pdf	381 259	Description of Fortran90 datastructures used by the L2BP

## 6. Queries and Feedback


Please direct any queries and feedback to the Level-2B processing team via [aeolus@ecmwf.int](mailto:aeolus@ecmwf.int).

## Appendix A. Contents of L2BP\_Release\_3\_90\_source.tar.gz

### A.1. File organization

The overall directory structure below `./aeolus/` is described below. Each subdirectory contains source code, data files and if applicable installation scripts.

Subdirectory of \$BUILD	Contents/Purpose
Accumulate_Signals	A module that defines subroutines to accumulate signals and QC information over multiple measurements.
AUX_CAL_L2_file_handling	Handling of Auxiliary Calibration Data Files (AUX_CAL_L2)
AUX_CLM_L2_file_handling	Handling of Auxiliary Climatological Data files (AUX_CLM_L2)
AUX_HBE_1B_file_handling	Handling of Auxiliary Harmonic Bias Estimation files (AUX_HBE_1B; an optional input)
AUX_MET_12_file_handling	Handling of Auxiliary Meteorological Data files (AUX_MET_12)
AUX_MET_DATA_conversions	(previously named: auxiliary) Handling of auxiliary meteorological data.
AUX_MRC_1B_file_handling	Handling of Auxiliary Mie Response Calibration files (AUX_MRC_1B)
AUX_PAR_2B_file_handling	Handling of Level-2B Processing Parameter files (AUX_PAR_2B)
AUX_RBC_L2_file_handling	Handling of Rayleigh-Brillouin Correction Data files (AUX_RBC_L2)
AUX_RDB_1B_file_handling	Handling of Auxiliary Range Dependent Bias Calibration files (AUX_RDB_1B; an optional input)
AUX_TEL_12_file_handling	Handling of Auxiliary Telescope Correction Calibration files (AUX_TEL_12)
BUFR_file_handling	Routines for the L1B_EEtoBUFR converter
BUFR_install	BUFR software needed by the L1B_EEtoBUFR converter
BUFR_tables	Directory with BUFR tables
Classification	Classification of L1B data into different atmospheric scenes
DataStructures	Definition of data structures
DirectBinaryIO	Basic routines for binary file I/O
EE_CFI_wrapper_module	(previously named <code>ee_cfi_wrapper_module</code> ) Interfaces to EE CFI routines
HLOS_retrieval	Retrieval algorithms for Level-2B HLOS
Input_Data	(previously named <code>input_data</code> ) Input data files in Earth Explorer file format
Input_RPT	(previously named <code>input_rpt</code> ) ASCII formatted test data used by the test suite.
InputScreening	Screening of input data
KNMI_ASCII_data_file_handling	Tools for writing out met data in KNMI format
KVT_module	Handling of data in KVT format
L1B_file_handling	Handling of Level-1B Data files (ALD_U_N_1B)
L1B_geolocation_extraction	Tools for writing out the geolocation information of L1B data, useful for AUX_MET
L2BC_file_handling	Handling of Level-2B/level-2C Data files (ALD_U_N_2B, ALD_U_N_2C)
L2B_WindResultExtraction	Tools for writing out L2B wind results from L2B EE files e.g. for input to data assimilation
L2C_construction	Construction of Level-2C (ALD_U_N_2C) Data files
Main	(previously named <code>main</code> ) Main program source code (where the <code>L2B_processor</code> is found)
Match_AMD	Routines for matching L1B geolocations with AMD geolocations
Meas_Grouping	Routines to for grouping measurements together
Meas_Selection_Weighting	Measurement selection and weighting for HLOS observations

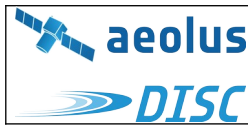
	Aeolus Level-2B Processor Software Release Note	Ref: AED-SD-ECMWF-L2B-040 Issue: 3.90 Date: 31 Jan. 2023
MieCoreProcessing	Mie core processing algorithm	
MolScat	Computation of molecular extinction and backscatter	
ODB2_file_handling	Handling of data in ECMWF's ODB-2 file format	
OpticalProperties	Retrieval of atmospheric optical properties	
RayleighBrillouinProcessing	Rayleigh-Brillouin Correction algorithm	
Schemas	(previously named schemas) XML schemas, test files and verification scripts	
Scripts	Collection of scripts e.g. installation, Report Generator	
Simple_XML	(previously named simple_xml) Alternative interface to xml for platforms where EE CFI is unavailable	
Support	(previously named support) Collection of support routines	
Templates	(previously named templates) Job Order templates	
Test	Directory where the make test results are performed	
ThinLayer	Handling of ThinLayer (JobOrder) files	
Tools	Collection of tools	
XML_Module	(previously named xml_module) Symbolic link pointing to the module to be used for reading and writing xml formatted data (either simple_xml or ee_cfi_wrapper_module)	

## A.2. Source code inventory

The following listing can be obtained with the Unix command

```
tar tvfz L2BP_Release_3_90_source.tar.gz | sort --key=6
```

```
drwx----- kloedej/afd_rds 0 2023-01-30 09:02 aeolus/
drwx----- kloedej/afd_rds 0 2023-01-30 09:02 aeolus/Accumulate_Signals/
-rw----- kloedej/afd_rds 79730 2023-01-30 09:02 aeolus/Accumulate_Signals/accumulation_functions.F90
-rw----- kloedej/afd_rds 3799 2023-01-30 09:02 aeolus/Accumulate_Signals/Makefile.aeolus
-rw----- kloedej/afd_rds 110 2023-01-30 09:02 aeolus/Accumulate_Signals/Objects.txt
-rw----- kloedej/afd_rds 8182 2023-01-30 09:02 aeolus/Accumulate_Signals/Test_accumulation_functions-
.F90
drwx----- kloedej/afd_rds 0 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/
-rw----- kloedej/afd_rds 5006 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/Makefile.aeolus
-rw----- kloedej/afd_rds 190 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/Objects.txt
-rw----- kloedej/afd_rds 19430 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/read_aux_cal_data.F90
-rw----- kloedej/afd_rds 6450 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/
Test_Read_and_Write_AUX_CAL_L2_file.F90
-rw----- kloedej/afd_rds 10276 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/Test_Read_AUX_CAL_L2-fi-
le.F90
-rw----- kloedej/afd_rds 6242 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/
Test_Write_AUX_CAL_L2_file.F90
-rw----- kloedej/afd_rds 25199 2023-01-30 09:02 aeolus/AUX_CAL_L2_file_handling/write_aux_cal_data.F90
drwx----- kloedej/afd_rds 0 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/
-rw----- kloedej/afd_rds 4515 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/Makefile.aeolus
-rw----- kloedej/afd_rds 193 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/Objects.txt
-rw----- kloedej/afd_rds 17208 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/read_aux_clm_data.F90
-rw----- kloedej/afd_rds 11674 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/Test_Read_AUX_CLM_L2-fi-
le.F90
-rw----- kloedej/afd_rds 8118 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/
Test_Write_AUX_CLM_L2_file.F90
-rw----- kloedej/afd_rds 20829 2023-01-30 09:02 aeolus/AUX_CLM_L2_file_handling/write_aux_clm_data.F90
drwx----- kloedej/afd_rds 0 2023-01-30 09:02 aeolus/AUX_HBE_1B_file_handling/
-rw----- kloedej/afd_rds 3734 2023-01-30 09:02 aeolus/AUX_HBE_1B_file_handling/Makefile.aeolus
-rw----- kloedej/afd_rds 142 2023-01-30 09:02 aeolus/AUX_HBE_1B_file_handling/Objects.txt
-rw----- kloedej/afd_rds 10160 2023-01-30 09:02 aeolus/AUX_HBE_1B_file_handling/read_aux_hbe_data.F90
-rw----- kloedej/afd_rds 2767 2023-01-30 09:02 aeolus/AUX_HBE_1B_file_handling/Test_Read_AUX_HBE_1B-fi-
le.F90
drwx----- kloedej/afd_rds 0 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/
-rw----- kloedej/afd_rds 37039 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/AUXMET_Minimiser.F90
-rw----- kloedej/afd_rds 19537 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/ConvertAMDtoKnmiAsc.F90
-rw----- kloedej/afd_rds 12123 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/
Convert_E2S_xml_profile_to_AMD.F90
-rw----- kloedej/afd_rds 27406 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/ConvertKnmiAscToAMD.F90
-rw----- kloedej/afd_rds 7248 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/Makefile.aeolus
-rw----- kloedej/afd_rds 7355 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/Makefile.aeolus_odb.test
-rw----- kloedej/afd_rds 122 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/Objects.txt
-rw----- kloedej/afd_rds 42752 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/ODB_to_AMDdata.F90
-rw----- kloedej/afd_rds 40332 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/readamddata.F90
-rw----- kloedej/afd_rds 24556 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/Test_Read_AUX_MET_12-fi-
le.F90
-rw----- kloedej/afd_rds 31365 2023-01-30 09:02 aeolus/AUX_MET_12_file_handling/TestWriteAMDdata.F90
```



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-rw-----	kloedej/afd_rds	29540	2023-01-30	09:02	aeolus/AUX_MET_12_file_handling/writeamddata.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/
-rw-----	kloedej/afd_rds	92731	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/auxiliarymodule.F90
-rw-----	kloedej/afd_rds	8775	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/dummyauxiliarymodule.F90
-rw-----	kloedej/afd_rds	4427	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/Makefile.aeolus
-rw-----	kloedej/afd_rds	149	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/Objects.txt
-rw-----	kloedej/afd_rds	4628	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/TestAuxiliaryModule.F90
-rw-----	kloedej/afd_rds	3028	2023-01-30	09:02	aeolus/AUX_MET_DATA_conversions/TestDummyAuxiliaryModu-
le.F90					
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/AUX_MRC_1B_file_handling/
-rw-----	kloedej/afd_rds	3737	2023-01-30	09:02	aeolus/AUX_MRC_1B_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	142	2023-01-30	09:02	aeolus/AUX_MRC_1B_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	11144	2023-01-30	09:02	aeolus/AUX_MRC_1B_file_handling/read_aux_mrc_data.F90
-rw-----	kloedej/afd_rds	2953	2023-01-30	09:02	aeolus/AUX_MRC_1B_file_handling/Test_Read_AUX_MRC_1B-fi-
le.F90					
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/AUX_PAR_2B_file_handling/
-rw-----	kloedej/afd_rds	3784	2023-01-30	09:02	aeolus/AUX_PAR_2B_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	154	2023-01-30	09:02	aeolus/AUX_PAR_2B_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	10477	2023-01-30	09:02	aeolus/AUX_PAR_2B_file_handling/read_l2b_auxpar_data.F90
-rw-----	kloedej/afd_rds	2704	2023-01-30	09:02	aeolus/AUX_PAR_2B_file_handling/Test_Read_AUX_PAR_2B-fi-
le.F90					
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/
-rw-----	kloedej/afd_rds	4505	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	178	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	20260	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/read_aux_rbc_data.F90
-rw-----	kloedej/afd_rds	15252	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/Test_Read_AUX_RBC_L2-fi-
le.F90					
-rw-----	kloedej/afd_rds	8539	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/
Test_Write_AUX_RBC_L2_file.F90					
-rw-----	kloedej/afd_rds	25990	2023-01-30	09:02	aeolus/AUX_RBC_L2_file_handling/write_aux_rbc_data.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/AUX_RDB_1B_file_handling/
-rw-----	kloedej/afd_rds	3734	2023-01-30	09:02	aeolus/AUX_RDB_1B_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	142	2023-01-30	09:02	aeolus/AUX_RDB_1B_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	10233	2023-01-30	09:02	aeolus/AUX_RDB_1B_file_handling/read_aux_rdb_data.F90
-rw-----	kloedej/afd_rds	2790	2023-01-30	09:02	aeolus/AUX_RDB_1B_file_handling/Test_Read_AUX_RDB_1B-fi-
le.F90					
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/AUX_TEL_12_file_handling/
-rw-----	kloedej/afd_rds	3733	2023-01-30	09:02	aeolus/AUX_TEL_12_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	142	2023-01-30	09:02	aeolus/AUX_TEL_12_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	12968	2023-01-30	09:02	aeolus/AUX_TEL_12_file_handling/read_aux_tel_data.F90
-rw-----	kloedej/afd_rds	2417	2023-01-30	09:02	aeolus/AUX_TEL_12_file_handling/Test_Read_AUX_TEL_12-fi-
le.F90					
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/BUFR_file_handling/
-rw-----	kloedej/afd_rds	8828	2023-01-30	09:02	aeolus/BUFR_file_handling/adm_bufr_descr_codes.F90
-rw-----	kloedej/afd_rds	3407	2023-01-30	09:02	aeolus/BUFR_file_handling/bufr_ee_code_tables.F90
-rw-----	kloedej/afd_rds	159872	2023-01-30	09:02	aeolus/BUFR_file_handling/bufrwrapper.F90
-rw-----	kloedej/afd_rds	10787	2023-01-30	09:02	aeolus/BUFR_file_handling/L2B_bufr2ascii.F90
-rw-----	kloedej/afd_rds	7204	2023-01-30	09:02	aeolus/BUFR_file_handling/L2B_bufr2odb.F90
-rw-----	kloedej/afd_rds	31597	2023-01-30	09:02	aeolus/BUFR_file_handling/l2b_bufr_read_and_odb.F90
-rw-----	kloedej/afd_rds	104073	2023-01-30	09:02	aeolus/BUFR_file_handling/L2B_ee2bufr.F90
-rw-----	kloedej/afd_rds	9882	2023-01-30	09:02	aeolus/BUFR_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	3099	2023-01-30	09:02	aeolus/BUFR_file_handling/Makefile.aeolus.odb_test
-rw-----	kloedej/afd_rds	1778	2023-01-30	09:02	aeolus/BUFR_file_handling/Makefile.verify_bufr_interface
-rw-----	kloedej/afd_rds	2159	2023-01-30	09:02	aeolus/BUFR_file_handling/README.txt
-rw-----	kloedej/afd_rds	24882	2023-01-30	09:02	aeolus/BUFR_file_handling/TestBufrWrapper.F90
-rw-----	kloedej/afd_rds	1374	2023-01-30	09:02	aeolus/BUFR_file_handling/verify_bufr_interface.c
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/BUFR_install/
-rw-----	kloedej/afd_rds	16790	2023-01-30	09:02	aeolus/BUFR_install/make.bufr.lib.sc
-rw-----	kloedej/afd_rds	2785	2023-01-30	09:02	aeolus/BUFR_install/Makefile.aeolus
-rw-----	kloedej/afd_rds	1008	2023-01-30	09:02	aeolus/BUFR_install/recompile_bufr.lib.sc
-rw-----	kloedej/afd_rds	14162	2023-01-30	09:02	aeolus/BUFR_install/Set_config.linux_compiler
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/BUFR_tables/
-rw-----	kloedej/afd_rds	15525	2023-01-30	09:02	aeolus/BUFR_tables/create_L2B_tables.py
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Classification/
-rw-----	kloedej/afd_rds	36233	2023-01-30	09:02	aeolus/Classification/classification.F90
-rw-----	kloedej/afd_rds	25206	2023-01-30	09:02	aeolus/Classification/construct_obs.F90
-rw-----	kloedej/afd_rds	5113	2023-01-30	09:02	aeolus/Classification/Makefile.aeolus
-rw-----	kloedej/afd_rds	149	2023-01-30	09:02	aeolus/Classification/Objects.txt
-rw-----	kloedej/afd_rds	18282	2023-01-30	09:02	aeolus/Classification/TestClassification.F90
-rw-----	kloedej/afd_rds	11442	2023-01-30	09:02	aeolus/Classification/TestConstructObs.F90
-rw-----	kloedej/afd_rds	21044	2023-01-30	09:02	aeolus/configure
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/DataStructures/
-rw-----	kloedej/afd_rds	36236	2023-01-30	09:02	aeolus/DataStructures/amd_datastructure.F90
-rw-----	kloedej/afd_rds	12253	2023-01-30	09:02	aeolus/DataStructures/amd_geoloc_ads.F90
-rw-----	kloedej/afd_rds	35013	2023-01-30	09:02	aeolus/DataStructures/amd_met_mds.F90
-rw-----	kloedej/afd_rds	62840	2023-01-30	09:02	aeolus/DataStructures/auxcal_datastructure.F90
-rw-----	kloedej/afd_rds	65249	2023-01-30	09:02	aeolus/DataStructures/auxcal_sph.F90
-rw-----	kloedej/afd_rds	54629	2023-01-30	09:02	aeolus/DataStructures/auxclim_datastructure.F90
-rw-----	kloedej/afd_rds	22435	2023-01-30	09:02	aeolus/DataStructures/auxclim_sph.F90
-rw-----	kloedej/afd_rds	15532	2023-01-30	09:02	aeolus/DataStructures/aux_hbe_datastructure.F90
-rw-----	kloedej/afd_rds	6900	2023-01-30	09:02	aeolus/DataStructures/aux_hbe_sph.F90
-rw-----	kloedej/afd_rds	130011	2023-01-30	09:02	aeolus/DataStructures/aux_mrc_datastructure.F90
-rw-----	kloedej/afd_rds	30549	2023-01-30	09:02	aeolus/DataStructures/aux_mrc_sph.F90
-rw-----	kloedej/afd_rds	11536	2023-01-30	09:02	aeolus/DataStructures/aux_rdb_datastructure.F90
-rw-----	kloedej/afd_rds	7163	2023-01-30	09:02	aeolus/DataStructures/aux_rdb_sph.F90
-rw-----	kloedej/afd_rds	31705	2023-01-30	09:02	aeolus/DataStructures/aux_tel_datastructure.F90





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-rw-----	kloedej/afd_rds	21141	2023-01-30	09:02	aeolus/DataStructures/aux_tel_sph.F90
-rw-----	kloedej/afd_rds	3811	2023-01-30	09:02	aeolus/DataStructures/cross_check_fh_mph.F90
-rw-----	kloedej/afd_rds	70909	2023-01-30	09:02	aeolus/DataStructures/datasetdescriptor.F90
-rw-----	kloedej/afd_rds	170312	2023-01-30	09:02	aeolus/DataStructures/ee_cfi_datatypes.F90
-rw-----	kloedej/afd_rds	48843	2023-01-30	09:02	aeolus/DataStructures/fixedheader.F90
-rw-----	kloedej/afd_rds	78953	2023-01-30	09:02	aeolus/DataStructures/joborder_datastructure.F90
-rw-----	kloedej/afd_rds	218253	2023-01-30	09:02	aeolus/DataStructures/l1b_cal_ads.F90
-rw-----	kloedej/afd_rds	28701	2023-01-30	09:02	aeolus/DataStructures/l1b_datastructure.F90
-rw-----	kloedej/afd_rds	93536	2023-01-30	09:02	aeolus/DataStructures/l1b_geoloc_ads.F90
-rw-----	kloedej/afd_rds	67526	2023-01-30	09:02	aeolus/DataStructures/l1b_gwd_ads.F90
-rw-----	kloedej/afd_rds	70349	2023-01-30	09:02	aeolus/DataStructures/l1b_meas_ads.F90
-rw-----	kloedej/afd_rds	29555	2023-01-30	09:02	aeolus/DataStructures/l1b_miecorepars_ads.F90
-rw-----	kloedej/afd_rds	176678	2023-01-30	09:02	aeolus/DataStructures/l1b_pcd_ads.F90
-rw-----	kloedej/afd_rds	168702	2023-01-30	09:02	aeolus/DataStructures/l1b_sph.F90
-rw-----	kloedej/afd_rds	37400	2023-01-30	09:02	aeolus/DataStructures/l1b_us_mds.F90
-rw-----	kloedej/afd_rds	73211	2023-01-30	09:02	aeolus/DataStructures/l1b_wv_mds.F90
-rw-----	kloedej/afd_rds	13096	2023-01-30	09:02	aeolus/DataStructures/l2b_amd_pcd_ads.F90
-rw-----	kloedej/afd_rds	71660	2023-01-30	09:02	aeolus/DataStructures/l2b_amd_sph.F90
-rw-----	kloedej/afd_rds	390527	2023-01-30	09:02	aeolus/DataStructures/l2b_auxpar_datastructure.F90
-rw-----	kloedej/afd_rds	7713	2023-01-30	09:02	aeolus/DataStructures/l2b_auxpar_sph.F90
-rw-----	kloedej/afd_rds	107268	2023-01-30	09:02	aeolus/DataStructures/l2bc_datastructure.F90
-rw-----	kloedej/afd_rds	8261	2023-01-30	09:02	aeolus/DataStructures/l2bc_ds_settings.F90
-rw-----	kloedej/afd_rds	21595	2023-01-30	09:02	aeolus/DataStructures/l2b_copied_brc_data_ads.F90
-rw-----	kloedej/afd_rds	285892	2023-01-30	09:02	aeolus/DataStructures/l2bc_sph.F90
-rw-----	kloedej/afd_rds	35529	2023-01-30	09:02	aeolus/DataStructures/l2b_geoloc_ads.F90
-rw-----	kloedej/afd_rds	14198	2023-01-30	09:02	aeolus/DataStructures/l2b_grouping_ads.F90
-rw-----	kloedej/afd_rds	29263	2023-01-30	09:02	aeolus/DataStructures/l2b_meas_map_ads.F90
-rw-----	kloedej/afd_rds	175957	2023-01-30	09:02	aeolus/DataStructures/l2b_meas_pcd_ads.F90
-rw-----	kloedej/afd_rds	24049	2023-01-30	09:02	aeolus/DataStructures/l2b_mie_mds.F90
-rw-----	kloedej/afd_rds	58139	2023-01-30	09:02	aeolus/DataStructures/l2b_mie_wind_pcd_ads.F90
-rw-----	kloedej/afd_rds	5068	2023-01-30	09:02	aeolus/DataStructures/l2b_parameters.F90
-rw-----	kloedej/afd_rds	77643	2023-01-30	09:02	aeolus/DataStructures/l2b_proc_settings.F90
-rw-----	kloedej/afd_rds	30556	2023-01-30	09:02	aeolus/DataStructures/l2b_rayleigh_mds.F90
-rw-----	kloedej/afd_rds	54223	2023-01-30	09:02	aeolus/DataStructures/l2b_rayleigh_wind_pcd_ads.F90
-rw-----	kloedej/afd_rds	26995	2023-01-30	09:02	aeolus/DataStructures/l2b_wind_profiles_mds.F90
-rw-----	kloedej/afd_rds	21455	2023-01-30	09:02	aeolus/DataStructures/l2c_common_assimpcd.F90
-rw-----	kloedej/afd_rds	34479	2023-01-30	09:02	aeolus/DataStructures/l2c_mie_assimpcd_ads.F90
-rw-----	kloedej/afd_rds	16121	2023-01-30	09:02	aeolus/DataStructures/l2c_mievec_mds.F90
-rw-----	kloedej/afd_rds	26003	2023-01-30	09:02	aeolus/DataStructures/l2c_rayleigh_assimpcd_ads.F90
-rw-----	kloedej/afd_rds	9008	2023-01-30	09:02	aeolus/DataStructures/l2c_rayleighvec_mds.F90
-rw-----	kloedej/afd_rds	138722	2023-01-30	09:02	aeolus/DataStructures/mainproductheader.F90
-rw-----	kloedej/afd_rds	41559	2023-01-30	09:02	aeolus/DataStructures/Makefile.aeolus
-rw-----	kloedej/afd_rds	2640	2023-01-30	09:02	aeolus/DataStructures/Objects.txt
-rw-----	kloedej/afd_rds	85323	2023-01-30	09:02	aeolus/DataStructures/rbc_datastructure.F90
-rw-----	kloedej/afd_rds	82845	2023-01-30	09:02	aeolus/DataStructures/rbc_sph.F90
-rw-----	kloedej/afd_rds	1473	2023-01-30	09:02	aeolus/DataStructures/Test_AMD_DataStructure.F90
-rw-----	kloedej/afd_rds	1776	2023-01-30	09:02	aeolus/DataStructures/Test_AMD_Geoloc_ADS.F90
-rw-----	kloedej/afd_rds	2123	2023-01-30	09:02	aeolus/DataStructures/Test_AMD_Met_MDS.F90
-rw-----	kloedej/afd_rds	5868	2023-01-30	09:02	aeolus/DataStructures/Test_AuxCal_DataStructure.F90
-rw-----	kloedej/afd_rds	1577	2023-01-30	09:02	aeolus/DataStructures/Test_AuxCal_SPH.F90
-rw-----	kloedej/afd_rds	2785	2023-01-30	09:02	aeolus/DataStructures/Test_AuxClim_DataStructure.F90
-rw-----	kloedej/afd_rds	1793	2023-01-30	09:02	aeolus/DataStructures/Test_AuxClim_SPH.F90
-rw-----	kloedej/afd_rds	1707	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_HBE_DataStructure.F90
-rw-----	kloedej/afd_rds	1363	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_HBE_SPH.F90
-rw-----	kloedej/afd_rds	1765	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_MRC_DataStructure.F90
-rw-----	kloedej/afd_rds	1363	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_MRC_SPH.F90
-rw-----	kloedej/afd_rds	1711	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_RDB_DataStructure.F90
-rw-----	kloedej/afd_rds	1363	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_RDB_SPH.F90
-rw-----	kloedej/afd_rds	1951	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_TEL_DataStructure.F90
-rw-----	kloedej/afd_rds	1558	2023-01-30	09:02	aeolus/DataStructures/Test_AUX_TEL_SPH.F90
-rw-----	kloedej/afd_rds	1345	2023-01-30	09:02	aeolus/DataStructures/Test_DataSetDescriptor.F90
-rw-----	kloedej/afd_rds	8270	2023-01-30	09:02	aeolus/DataStructures/Test_EE_CFI_Datatypes.F90
-rw-----	kloedej/afd_rds	1174	2023-01-30	09:02	aeolus/DataStructures/Test_FixedHeader.F90
-rw-----	kloedej/afd_rds	1064	2023-01-30	09:02	aeolus/DataStructures/Test_JobOrder_DataStructure.F90
-rw-----	kloedej/afd_rds	2108	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_Cal_ADS.F90
-rw-----	kloedej/afd_rds	4089	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_DataStructure.F90
-rw-----	kloedej/afd_rds	4395	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_Geoloc_ADS.F90
-rw-----	kloedej/afd_rds	2164	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_GWD_ADS.F90
-rw-----	kloedej/afd_rds	2697	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_Meas_ADS.F90
-rw-----	kloedej/afd_rds	1372	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_MieCorePars_ADS.F90
-rw-----	kloedej/afd_rds	13151	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_PCD_ADS.F90
-rw-----	kloedej/afd_rds	1545	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_SPH.F90
-rw-----	kloedej/afd_rds	1336	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_US_MDS.F90
-rw-----	kloedej/afd_rds	1290	2023-01-30	09:02	aeolus/DataStructures/Test_L1B_WV_MDS.F90
-rw-----	kloedej/afd_rds	5906	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_AMD_PCD_ADS.F90
-rw-----	kloedej/afd_rds	2754	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_AMD_SPH.F90
-rw-----	kloedej/afd_rds	4214	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_AuxPar_DataStructure.F90
-rw-----	kloedej/afd_rds	1613	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_AuxPar_SPH.F90
-rw-----	kloedej/afd_rds	3650	2023-01-30	09:02	aeolus/DataStructures/Test_L2BC_DataStructure.F90
-rw-----	kloedej/afd_rds	1830	2023-01-30	09:02	aeolus/DataStructures/Test_L2BC_DS_Settings.F90
-rw-----	kloedej/afd_rds	4238	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Copied_BRC_Data_ADS.F90
-rw-----	kloedej/afd_rds	2535	2023-01-30	09:02	aeolus/DataStructures/Test_L2BC_SPH.F90
-rw-----	kloedej/afd_rds	8046	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Geoloc_ADS.F90
-rw-----	kloedej/afd_rds	4688	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Grouping_ADS.F90
-rw-----	kloedej/afd_rds	11747	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Meas_Map_ADS.F90
-rw-----	kloedej/afd_rds	13497	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Meas_PCD_ADS.F90





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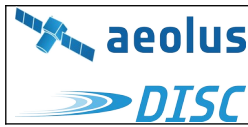
-rw-----	kloedej/afd_rds	7354	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Mie_MDS.F90
-rw-----	kloedej/afd_rds	7021	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Mie_Wind_PCD_ADS.F90
-rw-----	kloedej/afd_rds	877	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Parameters.F90
-rw-----	kloedej/afd_rds	4057	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Proc_Settings.F90
-rw-----	kloedej/afd_rds	8221	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Rayleigh_MDS.F90
-rw-----	kloedej/afd_rds	7631	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Rayleigh_Wind_PCD_ADS.F90
-rw-----	kloedej/afd_rds	7864	2023-01-30	09:02	aeolus/DataStructures/Test_L2B_Wind_Profiles_MDS.F90
-rw-----	kloedej/afd_rds	6924	2023-01-30	09:02	aeolus/DataStructures/Test_L2C_Common_AssimPCD.F90
-rw-----	kloedej/afd_rds	11872	2023-01-30	09:02	aeolus/DataStructures/Test_L2C_Mie_AssimPCD_ADS.F90
-rw-----	kloedej/afd_rds	2046	2023-01-30	09:02	aeolus/DataStructures/Test_L2C_MieVec_MDS.F90
-rw-----	kloedej/afd_rds	12400	2023-01-30	09:02	aeolus/DataStructures/Test_L2C_Rayleigh_AssimPCD_ADS.F90
-rw-----	kloedej/afd_rds	1952	2023-01-30	09:02	aeolus/DataStructures/Test_L2C_RayleighVec_MDS.F90
-rw-----	kloedej/afd_rds	1544	2023-01-30	09:02	aeolus/DataStructures/Test_MainProductHeader.F90
-rw-----	kloedej/afd_rds	7700	2023-01-30	09:02	aeolus/DataStructures/Test_RBC_DataStructure.F90
-rw-----	kloedej/afd_rds	1436	2023-01-30	09:02	aeolus/DataStructures/Test_RBC_SPH.F90
-rw-----	kloedej/afd_rds	2270	2023-01-30	09:02	aeolus/DataStructures/Test_Virtual_DAS.F90
-rw-----	kloedej/afd_rds	7545	2023-01-30	09:02	aeolus/DataStructures/Test_Working_Datastructure.F90
-rw-----	kloedej/afd_rds	1653	2023-01-30	09:02	aeolus/DataStructures/virtual_das.F90
-rw-----	kloedej/afd_rds	288627	2023-01-30	09:02	aeolus/DataStructures/working_datastructure.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/DirectBinaryIO/
-rw-----	kloedej/afd_rds	36741	2023-01-30	09:02	aeolus/DirectBinaryIO/buffering.F90
-rw-----	kloedej/afd_rds	153831	2023-01-30	09:02	aeolus/DirectBinaryIO/directbinaryio.F90
-rw-----	kloedej/afd_rds	4603	2023-01-30	09:02	aeolus/DirectBinaryIO/Makefile.aeolus
-rw-----	kloedej/afd_rds	346	2023-01-30	09:02	aeolus/DirectBinaryIO/Objects.txt
-rw-----	kloedej/afd_rds	15586	2023-01-30	09:02	aeolus/DirectBinaryIO/TestBuffering.F90
-rw-----	kloedej/afd_rds	12056	2023-01-30	09:02	aeolus/DirectBinaryIO/TestDirectBinaryIO.F90
-rw-----	kloedej/afd_rds	6293	2023-01-30	09:02	aeolus/DirectBinaryIO/TestUnformattedIO.F90
-rw-----	kloedej/afd_rds	11476	2023-01-30	09:02	aeolus/DirectBinaryIO/unformattedio.F90
-rw-----	kloedej/afd_rds	6454	2023-01-30	09:02	aeolus/DirectBinaryIO/WriteSomeNumbers.c
-rw-----	kloedej/afd_rds	765	2023-01-30	09:02	aeolus/dummy_lib_def
-rw-----	kloedej/afd_rds	1650	2023-01-30	09:02	aeolus/ee_cfi_lib_def
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/
-rw-----	kloedej/afd_rds	10189	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/ee_xml_wrapper.c
-rw-----	kloedej/afd_rds	3424	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/Makefile.aeolus
-rw-----	kloedej/afd_rds	556	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/Objects.txt
-rw-----	kloedej/afd_rds	17061	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/simple_read_test.c
-rw-----	kloedej/afd_rds	15972	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/simple_write_test.c
-rw-----	kloedej/afd_rds	10931	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/test_ee_xml.F90
-rw-----	kloedej/afd_rds	109201	2023-01-30	09:02	aeolus/EE_CFI_wrapper_module/xml_module.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/HLOS_retrieval/
-rw-----	kloedej/afd_rds	316694	2023-01-30	09:02	aeolus/HLOS_retrieval/hlos_retrieval.F90
-rw-----	kloedej/afd_rds	5450	2023-01-30	09:02	aeolus/HLOS_retrieval/Makefile.aeolus
-rw-----	kloedej/afd_rds	106	2023-01-30	09:02	aeolus/HLOS_retrieval/Objects.txt
-rw-----	kloedej/afd_rds	76814	2023-01-30	09:02	aeolus/HLOS_retrieval/Test_HLOS_Retrieval.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/InputScreening/
-rw-----	kloedej/afd_rds	6875	2023-01-30	09:02	aeolus/InputScreening/Makefile.aeolus
-rw-----	kloedej/afd_rds	5251	2023-01-30	09:02	aeolus/InputScreening/note_on_what_is_screened.txt
-rw-----	kloedej/afd_rds	257	2023-01-30	09:02	aeolus/InputScreening/Objects.txt
-rw-----	kloedej/afd_rds	9490	2023-01-30	09:02	aeolus/InputScreening/screening_amd_data.F90
-rw-----	kloedej/afd_rds	35763	2023-01-30	09:02	aeolus/InputScreening/screening_checks.F90
-rw-----	kloedej/afd_rds	79096	2023-01-30	09:02	aeolus/InputScreening/screening_l1b_data.F90
-rw-----	kloedej/afd_rds	64881	2023-01-30	09:02	aeolus/InputScreening/screening_rbc_data.F90
-rw-----	kloedej/afd_rds	8303	2023-01-30	09:02	aeolus/InputScreening/Test_Screening_AMD_Data.F90
-rw-----	kloedej/afd_rds	9393	2023-01-30	09:02	aeolus/InputScreening/Test_Screening_Checks.F90
-rw-----	kloedej/afd_rds	7361	2023-01-30	09:02	aeolus/InputScreening/Test_Screening_L1B_Data.F90
-rw-----	kloedej/afd_rds	3677	2023-01-30	09:02	aeolus/InputScreening/Test_Screening_RBC_Data.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/
-rw-----	kloedej/afd_rds	38048	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/adm_write_ascii_data.F90
-rw-----	kloedej/afd_rds	2966	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	373	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	8827	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/test_adm_write_ascii_data.F90
-rw-----	kloedej/afd_rds	52	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/test_write_knmi_ascii_data.F90
-rw-----	kloedej/afd_rds	22316	2023-01-30	09:02	aeolus/KNMI_ASCII_data_file_handling/write_knmi_ascii_data.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/KVT_module/
-rw-----	kloedej/afd_rds	49260	2023-01-30	09:02	aeolus/KVT_module/kvt_module.F90
-rw-----	kloedej/afd_rds	2739	2023-01-30	09:02	aeolus/KVT_module/Makefile.aeolus
-rw-----	kloedej/afd_rds	88	2023-01-30	09:02	aeolus/KVT_module/Objects.txt
-rw-----	kloedej/afd_rds	5026	2023-01-30	09:02	aeolus/KVT_module/TestKVT_module.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/L1B_file_handling/
-rw-----	kloedej/afd_rds	4824	2023-01-30	09:02	aeolus/L1B_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	161	2023-01-30	09:02	aeolus/L1B_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	58537	2023-01-30	09:02	aeolus/L1B_file_handling/readl1bdata.F90
-rw-----	kloedej/afd_rds	27664	2023-01-30	09:02	aeolus/L1B_file_handling/Test_Read_ALD_U_N_1B_file.F90
-rw-----	kloedej/afd_rds	11170	2023-01-30	09:02	aeolus/L1B_file_handling/TestReadAndWriteL1Bdata.F90
-rw-----	kloedej/afd_rds	13164	2023-01-30	09:02	aeolus/L1B_file_handling/TestWriteL1Bdata.F90
-rw-----	kloedej/afd_rds	66461	2023-01-30	09:02	aeolus/L1B_file_handling/writel1bdata.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/
-rw-----	kloedej/afd_rds	13929	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/Extract_Geolocation.F90
-rw-----	kloedej/afd_rds	15624	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/l1b_data_extraction.F90



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-rw-----	kloedej/afd_rds	34358	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/
L1B_pred_orb_to_ODB.F90					
-rw-----	kloedej/afd_rds	5402	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/Makefile.aeolus
-rw-----	kloedej/afd_rds	5328	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/
Makefile.aeolus.odt_test					
-rw-----	kloedej/afd_rds	1066	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/
NWPmetaData_2004120100_example.body					
-rw-----	kloedej/afd_rds	1292	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/
NWPmetaData_2004120100_example.hdr					
-rw-----	kloedej/afd_rds	140	2023-01-30	09:02	aeolus/L1B_geolocation_extraction/Objects.txt
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/L2BC_file_handling/
-rw-----	kloedej/afd_rds	5481	2023-01-30	09:02	aeolus/L2BC_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	14975	2023-01-30	09:02	aeolus/L2BC_file_handling/Modify_L2BC_Product.F90
-rw-----	kloedej/afd_rds	168	2023-01-30	09:02	aeolus/L2BC_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	82308	2023-01-30	09:02	aeolus/L2BC_file_handling/readl2bcddata.F90
-rw-----	kloedej/afd_rds	38112	2023-01-30	09:02	aeolus/L2BC_file_handling/TestReadL2BCdata.F90
-rw-----	kloedej/afd_rds	19455	2023-01-30	09:02	aeolus/L2BC_file_handling/TestWriteL2BCdata.F90
-rw-----	kloedej/afd_rds	106593	2023-01-30	09:02	aeolus/L2BC_file_handling/writeL2bcddata.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/
-rw-----	kloedej/afd_rds	5050	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/Makefile.aeolus
-rw-----	kloedej/afd_rds	4800	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/Makefile.aeolus.odt_test
-rw-----	kloedej/afd_rds	139	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/Objects.txt
-rw-----	kloedej/afd_rds	9039	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/TestWindResultExtraction.F90
-rw-----	kloedej/afd_rds	11716	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/windresultextraction.F90
-rw-----	kloedej/afd_rds	30650	2023-01-30	09:02	aeolus/L2B_WindResultExtraction/
WindResultExtraction_to_ODB.F90					
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/L2C_construction/
-rw-----	kloedej/afd_rds	51877	2023-01-30	09:02	aeolus/L2C_construction/append_l2c.F90
-rw-----	kloedej/afd_rds	2796	2023-01-30	09:02	aeolus/L2C_construction/create_testinput
-rw-----	kloedej/afd_rds	47568	2023-01-30	09:02	aeolus/L2C_construction/L2C_Processor.F90
-rw-----	kloedej/afd_rds	5012	2023-01-30	09:02	aeolus/L2C_construction/Makefile.aeolus
-rw-----	kloedej/afd_rds	5602	2023-01-30	09:02	aeolus/L2C_construction/Makefile.aeolus.odt_test
-rw-----	kloedej/afd_rds	718	2023-01-30	09:02	aeolus/LICENSE
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Main/
-rw-----	kloedej/afd_rds	275134	2023-01-30	09:02	aeolus/Main/l2bp_module.F90
-rw-----	kloedej/afd_rds	76779	2023-01-30	09:02	aeolus/Main/L2B_processor.F90
-rw-----	kloedej/afd_rds	10151	2023-01-30	09:02	aeolus/Main/Makefile.aeolus
-rw-----	kloedej/afd_rds	65	2023-01-30	09:02	aeolus/Main/Objects.txt
-rw-----	kloedej/afd_rds	9108	2023-01-30	09:02	aeolus/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Match_AMD/
-rw-----	kloedej/afd_rds	4564	2023-01-30	09:02	aeolus/Match_AMD/Makefile.aeolus
-rw-----	kloedej/afd_rds	23709	2023-01-30	09:02	aeolus/Match_AMD/match_amd_module.F90
-rw-----	kloedej/afd_rds	90	2023-01-30	09:02	aeolus/Match_AMD/Objects.txt
-rw-----	kloedej/afd_rds	16883	2023-01-30	09:02	aeolus/Match_AMD/Test_Match_AMD_Module.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Meas_Grouping/
-rw-----	kloedej/afd_rds	6142	2023-01-30	09:02	aeolus/Meas_Grouping/Makefile.aeolus
-rw-----	kloedej/afd_rds	49632	2023-01-30	09:02	aeolus/Meas_Grouping/measgrouping.F90
-rw-----	kloedej/afd_rds	17026	2023-01-30	09:02	aeolus/Meas_Grouping/measubgrouping.F90
-rw-----	kloedej/afd_rds	142	2023-01-30	09:02	aeolus/Meas_Grouping/Objects.txt
-rw-----	kloedej/afd_rds	16481	2023-01-30	09:02	aeolus/Meas_Grouping/synthetic_grouping_tests.F90
-rw-----	kloedej/afd_rds	14443	2023-01-30	09:02	aeolus/Meas_Grouping/TestMeasgrouping.F90
-rw-----	kloedej/afd_rds	13735	2023-01-30	09:02	aeolus/Meas_Grouping/TestMeasSubgrouping.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Meas_Selection_Weighting/
-rw-----	kloedej/afd_rds	3567	2023-01-30	09:02	aeolus/Meas_Selection_Weighting/Makefile.aeolus
-rw-----	kloedej/afd_rds	159	2023-01-30	09:02	aeolus/Meas_Selection_Weighting/Objects.txt
-rw-----	kloedej/afd_rds	28971	2023-01-30	09:02	aeolus/Meas_Selection_Weighting/select_and_weigh_measurements.F90
-rw-----	kloedej/afd_rds	9135	2023-01-30	09:02	aeolus/Meas_Selection_Weighting/TestSelAndWeighMeasurements.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/MieCoreProcessing/
-rw-----	kloedej/afd_rds	3934	2023-01-30	09:02	aeolus/MieCoreProcessing/Makefile.aeolus
-rw-----	kloedej/afd_rds	28122	2023-01-30	09:02	aeolus/MieCoreProcessing/mieresponse_extras.F90
-rw-----	kloedej/afd_rds	43990	2023-01-30	09:02	aeolus/MieCoreProcessing/mieresponse.F90
-rw-----	kloedej/afd_rds	167	2023-01-30	09:02	aeolus/MieCoreProcessing/Objects.txt
-rw-----	kloedej/afd_rds	8736	2023-01-30	09:02	aeolus/MieCoreProcessing/TestMieResponse.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/MolScat/
-rw-----	kloedej/afd_rds	2149	2023-01-30	09:02	aeolus/MolScat/Makefile.aeolus
-rw-----	kloedej/afd_rds	13139	2023-01-30	09:02	aeolus/MolScat/molscat.F90
-rw-----	kloedej/afd_rds	94	2023-01-30	09:02	aeolus/MolScat/Objects.txt
-rw-----	kloedej/afd_rds	3894	2023-01-30	09:02	aeolus/MolScat/TestMolScat.F90
-rw-----	kloedej/afd_rds	55445	2023-01-30	09:02	aeolus/MolScat/TestMolScatProfile.dat
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/ODB2_file_handling/
-rw-----	kloedej/afd_rds	3808	2023-01-30	09:02	aeolus/ODB2_file_handling/dummy_odb2_module.F90
-rw-----	kloedej/afd_rds	3459	2023-01-30	09:02	aeolus/ODB2_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	3910	2023-01-30	09:02	aeolus/ODB2_file_handling/Makefile.aeolus.odt_test
-rw-----	kloedej/afd_rds	121	2023-01-30	09:02	aeolus/ODB2_file_handling/Objects_odb2.txt
-rw-----	kloedej/afd_rds	127	2023-01-30	09:02	aeolus/ODB2_file_handling/Objects.txt
-rw-----	kloedej/afd_rds	9816	2023-01-30	09:02	aeolus/ODB2_file_handling/odb2_module.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/OpticalProperties/
-rw-----	kloedej/afd_rds	685	2023-01-30	09:02	aeolus/OpticalProperties/convert_to_f90.py
-rw-----	kloedej/afd_rds	225334	2023-01-30	09:02	aeolus/OpticalProperties/fp_opticalproperties.F90
-rw-----	kloedej/afd_rds	29229	2023-01-30	09:02	aeolus/OpticalProperties/lut_feature_detect.F90
-rw-----	kloedej/afd_rds	17113	2023-01-30	09:02	aeolus/OpticalProperties/lut_raycalib_handling.F90
-rw-----	kloedej/afd_rds	5637	2023-01-30	09:02	aeolus/OpticalProperties/Makefile.aeolus
-rw-----	kloedej/afd_rds	17491	2023-01-30	09:02	aeolus/OpticalProperties/monitoring.F90



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-rw-----	kloedej/afd_rds	319	2023-01-30	09:02	aeolus/OpticalProperties/Objects.txt
-rw-----	kloedej/afd_rds	146370	2023-01-30	09:02	aeolus/OpticalProperties/opticalProperties.F90
-rw-----	kloedej/afd_rds	57856	2023-01-30	09:02	aeolus/OpticalProperties/TestOpticalProperties.F90
-rw-----	kloedej/afd_rds	5987	2023-01-30	09:02	aeolus/OpticalProperties/whocallswho_opt_prop.txt
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/
-rw-----	kloedej/afd_rds	9274	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/calib_grid.F90
-rw-----	kloedej/afd_rds	4191	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/calib_tenti.F90
-rw-----	kloedej/afd_rds	2686	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/dataflow.txt
-rw-----	kloedej/afd_rds	17942	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/GenerateRBCdata.F90
-rw-----	kloedej/afd_rds	4713	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/generaterbc_set- tings.F90
-rw-----	kloedej/afd_rds	7862	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/Makefile.aeolus
-rw-----	kloedej/afd_rds	290	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/Objects.txt
-rw-----	kloedej/afd_rds	1365	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/plot_dat_files.py
-rw-----	kloedej/afd_rds	10613	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/rayleighbrillouinpro- cessing.F90
-rw-----	kloedej/afd_rds	1313	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/rbc_table_dimensions- .F90
-rw-----	kloedej/afd_rds	79896	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/tentispectrum.F90
-rw-----	kloedej/afd_rds	14667	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/Test_correction.F90
-rw-----	kloedej/afd_rds	5107	2023-01-30	09:02	aeolus/RayleighBrillouinProcessing/TestRayl_Br_Proc.F90
-rw-----	kloedej/afd_rds	803	2023-01-30	09:02	aeolus/README
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Schemas/
-rw-----	kloedej/afd_rds	987	2023-01-30	09:02	aeolus/Schemas/howto_install_python_package.txt
-rw-----	kloedej/afd_rds	53952	2023-01-30	09:02	aeolus/Schemas/TestValidate.py
-rw-----	kloedej/afd_rds	1350	2023-01-30	09:02	aeolus/Schemas/usage.txt
-rw-----	kloedej/afd_rds	16860	2023-01-30	09:02	aeolus/Schemas/Validate.py
-rw-----	kloedej/afd_rds	1492	2023-01-30	09:02	aeolus/Schemas/Validate_Using_xmllint.py
-rw-----	kloedej/afd_rds	14469	2023-01-30	09:02	aeolus/Schemas/Validate_whole_L2BP_tree.py
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Scripts/
-rw-----	kloedej/afd_rds	5230	2023-01-30	09:02	aeolus/Scripts/arpifs_excluded_files
-rw-----	kloedej/afd_rds	16139	2023-01-30	09:02	aeolus/Scripts/AuxClim_file_handling.py
-rw-----	kloedej/afd_rds	13513	2023-01-30	09:02	aeolus/Scripts/binary_datapack_listing.txt.expected
-rw-----	kloedej/afd_rds	920	2023-01-30	09:02	aeolus/Scripts/build_echo.sc
-rw-----	kloedej/afd_rds	1134	2023-01-30	09:02	aeolus/Scripts/check_for_internal_compiler_error.sc
-rw-----	kloedej/afd_rds	1334	2023-01-30	09:02	aeolus/Scripts/CheckForTabChars.py
-rw-----	kloedej/afd_rds	3124	2023-01-30	09:02	aeolus/Scripts/CheckForUpperCaseModuleNames.py
-rw-----	kloedej/afd_rds	959	2023-01-30	09:02	aeolus/Scripts/CheckForWrongLineEnds.py
-rw-----	kloedej/afd_rds	1611	2023-01-30	09:02	aeolus/Scripts/Check_Names.sc
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-rw-----	kloedej/afd_rds	1425	2023-01-30	09:02	aeolus/Scripts/Check_Python.sc
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-rw-----	kloedej/afd_rds	17918	2023-01-30	09:02	aeolus/Scripts/DatapackHandler.py
-rw-----	kloedej/afd_rds	4025	2023-01-30	09:02	aeolus/Scripts/do_aeolus_setup
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-rw-----	kloedej/afd_rds	5942	2023-01-30	09:02	aeolus/Scripts/do_linecount.py
-rw-----	kloedej/afd_rds	5974	2023-01-30	09:02	aeolus/Scripts/do_ThinLayerEmulator_test.py
-rw-----	kloedej/afd_rds	4377	2023-01-30	09:02	aeolus/Scripts/ee_cfi_software_install_script_64bit.sc
-rw-----	kloedej/afd_rds	3108	2023-01-30	09:02	aeolus/Scripts/ensure_ascii_coded.py
-rw-----	kloedej/afd_rds	1711	2023-01-30	09:02	aeolus/Scripts/filter_build_L2BP_stderrlog.py
-rw-----	kloedej/afd_rds	6239	2023-01-30	09:02	aeolus/Scripts/fuzzy_input_tester.py
-rw-----	kloedej/afd_rds	204850	2023-01-30	09:02	aeolus/Scripts/generate_AUX_PAR_2B_file.py
-rw-----	kloedej/afd_rds	2093	2023-01-30	09:02	aeolus/Scripts/generate_makefiles_for_local_use.py
-rw-----	kloedej/afd_rds	1002	2023-01-30	09:02	aeolus/Scripts/generate_makefiles_for_local_use.sc
-rw-----	kloedej/afd_rds	21160	2023-01-30	09:02	aeolus/Scripts/GenerateWhoCallsWhoList.py
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Scripts/groundtrack/
-rw-----	kloedej/afd_rds	5734	2023-01-30	09:02	aeolus/Scripts/groundtrack/convert_gt_hdr.py
-rw-----	kloedej/afd_rds	2480	2023-01-30	09:02	aeolus/Scripts/groundtrack/convert_orbpre.py
-rw-----	kloedej/afd_rds	2334	2023-01-30	09:02	aeolus/Scripts/groundtrack/README
-rw-----	kloedej/afd_rds	317	2023-01-30	09:02	aeolus/Scripts/groundtrack/README.ECMWF
-rw-----	kloedej/afd_rds	784	2023-01-30	09:02	aeolus/Scripts/groundtrack/stripparam1.sh
-rw-----	kloedej/afd_rds	641	2023-01-30	09:02	aeolus/Scripts/groundtrack/stripparam2.sh
-rw-----	kloedej/afd_rds	758	2023-01-30	09:02	aeolus/Scripts/groundtrack/stripparam3.sh
-rw-----	kloedej/afd_rds	40794	2023-01-30	09:02	aeolus/Scripts/groundtrack/swath_data_35deg.txt
-rw-----	kloedej/afd_rds	40921	2023-01-30	09:02	aeolus/Scripts/groundtrack/swath_data_nadir.txt
-rw-----	kloedej/afd_rds	1122	2023-01-30	09:02	aeolus/Scripts/install_binary_datapack.sc
-rw-----	kloedej/afd_rds	1132	2023-01-30	09:02	aeolus/Scripts/install_installtest.sc
-rw-----	kloedej/afd_rds	30645	2023-01-30	09:02	aeolus/Scripts/install_L2BP.sc
-rw-----	kloedej/afd_rds	53789	2023-01-30	09:02	aeolus/Scripts/installtest_listing.txt.expected
-rw-----	kloedej/afd_rds	5773	2023-01-30	09:02	aeolus/Scripts/install_TLE.py
-rw-----	kloedej/afd_rds	956	2023-01-30	09:02	aeolus/Scripts/install.txt
-rw-----	kloedej/afd_rds	98869	2023-01-30	09:02	aeolus/Scripts/L2B_ReportGenerator.py
-rw-----	kloedej/afd_rds	1815	2023-01-30	09:02	aeolus/Scripts/MakeTodoList.py
-rw-----	kloedej/afd_rds	1	2023-01-30	09:02	aeolus/Scripts/one_tab_character.txt
-rw-----	kloedej/afd_rds	861	2023-01-30	09:02	aeolus/Scripts/parse_test_make_system_results.py
-rw-----	kloedej/afd_rds	5039	2023-01-30	09:02	aeolus/Scripts/remove_datapacks_and_generated_files.py
-rw-----	kloedej/afd_rds	46917	2023-01-30	09:02	aeolus/Scripts/ReportGenerator_Internal_Tests.py
-rw-----	kloedej/afd_rds	12972	2023-01-30	09:02	aeolus/Scripts/retrieve_compiler_versions.py
-rw-----	kloedej/afd_rds	1428	2023-01-30	09:02	aeolus/Scripts/retrieve_compiler_versions.sc
-rw-----	kloedej/afd_rds	27229	2023-01-30	09:02	aeolus/Scripts/run_feedback_agent.py
-rw-----	kloedej/afd_rds	4219	2023-01-30	09:02	aeolus/Scripts/run_L2B_buf2asci.py
-rw-----	kloedej/afd_rds	9305	2023-01-30	09:02	aeolus/Scripts/run_L2B_ee2buf.py
-rw-----	kloedej/afd_rds	38817	2023-01-30	09:02	aeolus/Scripts/Set_Makeoptions.sc
-rw-----	kloedej/afd_rds	3042	2023-01-30	09:02	aeolus/Scripts/Set_Permissions.sc
-rw-----	kloedej/afd_rds	16079	2023-01-30	09:02	aeolus/Scripts/Set_Systemsettings.sc
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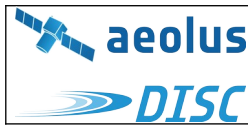




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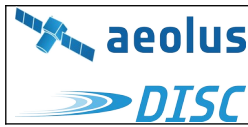
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-rw-----	kloedej/afd_rds	5214	2023-01-30	09:02	aeolus/Scripts/TestMakefiles.py
-rw-----	kloedej/afd_rds	2164	2023-01-30	09:02	aeolus/Scripts/test_make_system.py
-rw-----	kloedej/afd_rds	4514	2023-01-30	09:02	aeolus/Scripts/unpack_tarball.sc
-rw-----	kloedej/afd_rds	260	2023-01-30	09:02	aeolus/Scripts/use_crayftn.csh
-rw-----	kloedej/afd_rds	421	2023-01-30	09:02	aeolus/Scripts/use_crayftn.sh
-rw-----	kloedej/afd_rds	1040	2023-01-30	09:02	aeolus/Scripts/use_ee_cfi_software.sc
-rw-----	kloedej/afd_rds	333	2023-01-30	09:02	aeolus/Scripts/use_f95.csh
-rw-----	kloedej/afd_rds	500	2023-01-30	09:02	aeolus/Scripts/use_f95.sh
-rw-----	kloedej/afd_rds	294	2023-01-30	09:02	aeolus/Scripts/use_flang.csh
-rw-----	kloedej/afd_rds	492	2023-01-30	09:02	aeolus/Scripts/use_flang.sh
-rw-----	kloedej/afd_rds	602	2023-01-30	09:02	aeolus/Scripts/use_g95.csh
-rw-----	kloedej/afd_rds	770	2023-01-30	09:02	aeolus/Scripts/use_g95.sh
-rw-----	kloedej/afd_rds	859	2023-01-30	09:02	aeolus/Scripts/use_gfortran_and_clang.csh
-rw-----	kloedej/afd_rds	468	2023-01-30	09:02	aeolus/Scripts/use_gfortran_and_clang.sh
-rw-----	kloedej/afd_rds	855	2023-01-30	09:02	aeolus/Scripts/use_gfortran.csh
-rw-----	kloedej/afd_rds	464	2023-01-30	09:02	aeolus/Scripts/use_gfortran.sh
-rw-----	kloedej/afd_rds	648	2023-01-30	09:02	aeolus/Scripts/use_ifort.csh
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-rw-----	kloedej/afd_rds	447	2023-01-30	09:02	aeolus/Scripts/use_mpf90.csh
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-rw-----	kloedej/afd_rds	422	2023-01-30	09:02	aeolus/Scripts/use_pg90.csh
-rw-----	kloedej/afd_rds	374	2023-01-30	09:02	aeolus/Scripts/use_pg90_morgana.csh
-rw-----	kloedej/afd_rds	539	2023-01-30	09:02	aeolus/Scripts/use_pg90_morgana.sh
-rw-----	kloedej/afd_rds	605	2023-01-30	09:02	aeolus/Scripts/use_pg90.sh
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-rw-----	kloedej/afd_rds	288	2023-01-30	09:02	aeolus/Scripts/use_xlf90.csh
-rw-----	kloedej/afd_rds	455	2023-01-30	09:02	aeolus/Scripts/use_xlf90.sh
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drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Simple_XML/
-rw-----	kloedej/afd_rds	2587	2023-01-30	09:02	aeolus/Simple_XML/Makefile.aeolus
-rw-----	kloedej/afd_rds	243	2023-01-30	09:02	aeolus/Simple_XML/Objects.txt
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-rw-----	kloedej/afd_rds	124272	2023-01-30	09:02	aeolus/Simple_XML/xml_module.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Support/
-rw-----	kloedej/afd_rds	20730	2023-01-30	09:02	aeolus/Support/aeolusconstants.F90
-rw-----	kloedej/afd_rds	15903	2023-01-30	09:02	aeolus/Support/arraytools.F90
-rw-----	kloedej/afd_rds	5099	2023-01-30	09:02	aeolus/Support/compiler_features_aix.F90
-rw-----	kloedej/afd_rds	5002	2023-01-30	09:02	aeolus/Support/compiler_features_crayftn.F90
-rw-----	kloedej/afd_rds	4903	2023-01-30	09:02	aeolus/Support/compiler_features_f95.F90
-rw-----	kloedej/afd_rds	5008	2023-01-30	09:02	aeolus/Support/compiler_features_flang.F90
-rw-----	kloedej/afd_rds	5801	2023-01-30	09:02	aeolus/Support/compiler_features_generic.F90
-rw-----	kloedej/afd_rds	4724	2023-01-30	09:02	aeolus/Support/compiler_features_gfortran.F90
-rw-----	kloedej/afd_rds	4974	2023-01-30	09:02	aeolus/Support/compiler_features_hpux.F90
-rw-----	kloedej/afd_rds	5154	2023-01-30	09:02	aeolus/Support/compiler_features_ifort.F90
-rw-----	kloedej/afd_rds	5111	2023-01-30	09:02	aeolus/Support/compiler_features_necsx.F90
-rw-----	kloedej/afd_rds	5273	2023-01-30	09:02	aeolus/Support/compiler_features_pg90.F90
-rw-----	kloedej/afd_rds	5072	2023-01-30	09:02	aeolus/Support/compiler_features_sgi_irix.F90
-rw-----	kloedej/afd_rds	5163	2023-01-30	09:02	aeolus/Support/compiler_features_sunforte.F90
-rw-----	kloedej/afd_rds	37786	2023-01-30	09:02	aeolus/Support/c_support.F90
-rw-----	kloedej/afd_rds	34299	2023-01-30	09:02	aeolus/Support/datetimemod.F90
-rw-----	kloedej/afd_rds	8766	2023-01-30	09:02	aeolus/Support/ee_lib_wrapper.c
-rw-----	kloedej/afd_rds	19179	2023-01-30	09:02	aeolus/Support/errorhandler.F90
-rw-----	kloedej/afd_rds	19152	2023-01-30	09:02	aeolus/Support/f90_c_support.c
-rw-----	kloedej/afd_rds	1738	2023-01-30	09:02	aeolus/Support/f90_c_support.h
-rw-----	kloedej/afd_rds	887	2023-01-30	09:02	aeolus/Support/GetByteSizeDefaultInteger.F90
-rw-----	kloedej/afd_rds	1078	2023-01-30	09:02	aeolus/Support/GetByteSizeInt.c
-rw-----	kloedej/afd_rds	1073	2023-01-30	09:02	aeolus/Support/GetByteSizeLong.c
-rw-----	kloedej/afd_rds	4137	2023-01-30	09:02	aeolus/Support/height_conv.F90
-rw-----	kloedej/afd_rds	14377	2023-01-30	09:02	aeolus/Support/interp1.F90
-rw-----	kloedej/afd_rds	13990	2023-01-30	09:02	aeolus/Support/latlon_handling_common.F90
-rw-----	kloedej/afd_rds	19886	2023-01-30	09:02	aeolus/Support/latlon_handling_eecfi.F90
-rw-----	kloedej/afd_rds	516	2023-01-30	09:02	aeolus/Support/latlon_handling_simple.F90
-rw-----	kloedej/afd_rds	36907	2023-01-30	09:02	aeolus/Support/logging.F90
-rw-----	kloedej/afd_rds	18153	2023-01-30	09:02	aeolus/Support/lunmanager.F90
-rw-----	kloedej/afd_rds	17108	2023-01-30	09:02	aeolus/Support/Makefile.aeolus
-rw-----	kloedej/afd_rds	47252	2023-01-30	09:02	aeolus/Support/numerics.F90
-rw-----	kloedej/afd_rds	795	2023-01-30	09:02	aeolus/Support/Objects.txt
-rw-----	kloedej/afd_rds	61704	2023-01-30	09:02	aeolus/Support/profileinterpolate.F90
-rw-----	kloedej/afd_rds	15024	2023-01-30	09:02	aeolus/Support/stringtools.F90
-rw-----	kloedej/afd_rds	4643	2023-01-30	09:02	aeolus/Support/tempfile_handling.F90
-rw-----	kloedej/afd_rds	3424	2023-01-30	09:02	aeolus/Support/TestAeolusConstants.F90
-rw-----	kloedej/afd_rds	8941	2023-01-30	09:02	aeolus/Support/TestArraytools.F90
-rw-----	kloedej/afd_rds	2196	2023-01-30	09:02	aeolus/Support/TestBufferedLogging.F90
-rw-----	kloedej/afd_rds	1303	2023-01-30	09:02	aeolus/Support/TestCompiler_Features.F90
-rw-----	kloedej/afd_rds	6552	2023-01-30	09:02	aeolus/Support/test_c_support.F90
-rw-----	kloedej/afd_rds	6392	2023-01-30	09:02	aeolus/Support/TestDateTimeMod.F90
-rw-----	kloedej/afd_rds	2799	2023-01-30	09:02	aeolus/Support/TestErrorHandler.F90
-rw-----	kloedej/afd_rds	4166	2023-01-30	09:02	aeolus/Support/test_f90_c_support.c
-rw-----	kloedej/afd_rds	829	2023-01-30	09:02	aeolus/Support/TestHeightConv.F90
-rw-----	kloedej/afd_rds	7272	2023-01-30	09:02	aeolus/Support/TestInterp1.F90
-rw-----	kloedej/afd_rds	18288	2023-01-30	09:02	aeolus/Support/TestLatLonHandling.F90
-rw-----	kloedej/afd_rds	3221	2023-01-30	09:02	aeolus/Support/TestLogging.F90
-rw-----	kloedej/afd_rds	3532	2023-01-30	09:02	aeolus/Support/TestLunManager.F90



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-rw-----	kloedej/afd_rds	8704	2023-01-30	09:02	aeolus/Support/TestNumerics.F90
-rw-----	kloedej/afd_rds	21394	2023-01-30	09:02	aeolus/Support/TestProfileInterpolate.F90
-rw-----	kloedej/afd_rds	6655	2023-01-30	09:02	aeolus/Support/TestStringTools.F90
-rw-----	kloedej/afd_rds	2044	2023-01-30	09:02	aeolus/Support/TestTempFileHandling.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Accumulate_Signals/
-rw-----	kloedej/afd_rds	2699	2023-01-30	09:02	aeolus/Test/Accumulate_Signals/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_CAL_L2_file_handling/
-rw-----	kloedej/afd_rds	7849	2023-01-30	09:02	aeolus/Test/AUX_CAL_L2_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_CLM_L2_file_handling/
-rw-----	kloedej/afd_rds	7635	2023-01-30	09:02	aeolus/Test/AUX_CLM_L2_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_HBE_1B_file_handling/
-rw-----	kloedej/afd_rds	2669	2023-01-30	09:02	aeolus/Test/AUX_HBE_1B_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_MET_12_file_handling/
-rw-----	kloedej/afd_rds	26045	2023-01-30	09:02	aeolus/Test/AUX_MET_12_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_MET_DATA_conversions/
-rw-----	kloedej/afd_rds	3882	2023-01-30	09:02	aeolus/Test/AUX_MET_DATA_conversions/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_MRC_1B_file_handling/
-rw-----	kloedej/afd_rds	2727	2023-01-30	09:02	aeolus/Test/AUX_MRC_1B_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_PAR_2B_file_handling/
-rw-----	kloedej/afd_rds	2901	2023-01-30	09:02	aeolus/Test/AUX_PAR_2B_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_RBC_L2_file_handling/
-rw-----	kloedej/afd_rds	10340	2023-01-30	09:02	aeolus/Test/AUX_RBC_L2_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_RDB_1B_file_handling/
-rw-----	kloedej/afd_rds	2721	2023-01-30	09:02	aeolus/Test/AUX_RDB_1B_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/AUX_TEL_12_file_handling/
-rw-----	kloedej/afd_rds	8425	2023-01-30	09:02	aeolus/Test/AUX_TEL_12_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/BUFR_file_handling/
-rw-----	kloedej/afd_rds	67400	2023-01-30	09:02	aeolus/Test/BUFR_file_handling/Makefile.aeolus
-rw-----	kloedej/afd_rds	1824	2023-01-30	09:02	aeolus/Test/check_datafile_exists
-rw-----	kloedej/afd_rds	1187	2023-01-30	09:02	aeolus/Test/check_executable_exists
-rw-----	kloedej/afd_rds	2553	2023-01-30	09:02	aeolus/Test/check_exists
-rw-----	kloedej/afd_rds	1029	2023-01-30	09:02	aeolus/Test/check_testsuite_disabled
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Classification/
-rw-----	kloedej/afd_rds	17881	2023-01-30	09:02	aeolus/Test/Classification/Makefile.aeolus
-rw-----	kloedej/afd_rds	4166	2023-01-30	09:02	aeolus/Test/compare_result
-rw-----	kloedej/afd_rds	8219	2023-01-30	09:02	aeolus/Test/compare_result_hexdump
-rw-----	kloedej/afd_rds	6363	2023-01-30	09:02	aeolus/Test/compare_result_reals
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/DataStructures/
-rw-----	kloedej/afd_rds	7816	2023-01-30	09:02	aeolus/Test/DataStructures/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/DirectBinaryIO/
-rw-----	kloedej/afd_rds	6694	2023-01-30	09:02	aeolus/Test/DirectBinaryIO/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/ee_cfi_software/
-rw-----	kloedej/afd_rds	2916	2023-01-30	09:02	aeolus/Test/ee_cfi_software/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/EE_CFI_wrapper_module/
-rw-----	kloedej/afd_rds	4889	2023-01-30	09:02	aeolus/Test/EE_CFI_wrapper_module/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/HLOS_retrieval/
-rw-----	kloedej/afd_rds	12575	2023-01-30	09:02	aeolus/Test/HLOS_retrieval/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Input_RPT/
-rw-----	kloedej/afd_rds	1350	2023-01-30	09:02	aeolus/Test/Input_RPT/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/InputScreening/
-rw-----	kloedej/afd_rds	5994	2023-01-30	09:02	aeolus/Test/InputScreening/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/KVT_module/
-rw-----	kloedej/afd_rds	2646	2023-01-30	09:02	aeolus/Test/KVT_module/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/L1B_file_handling/
-rw-----	kloedej/afd_rds	20555	2023-01-30	09:02	aeolus/Test/L1B_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/L1B_geolocation_extraction/
-rw-----	kloedej/afd_rds	6656	2023-01-30	09:02	aeolus/Test/L1B_geolocation_extraction/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/L2BC_file_handling/
-rw-----	kloedej/afd_rds	32897	2023-01-30	09:02	aeolus/Test/L2BC_file_handling/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/L2B_WindResultExtraction/
-rw-----	kloedej/afd_rds	3519	2023-01-30	09:02	aeolus/Test/L2B_WindResultExtraction/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/L2C_construction/
-rw-----	kloedej/afd_rds	8110	2023-01-30	09:02	aeolus/Test/L2C_construction/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Main/
-rw-----	kloedej/afd_rds	86608	2023-01-30	09:02	aeolus/Test/Main/Makefile.aeolus
-rw-----	kloedej/afd_rds	23730	2023-01-30	09:02	aeolus/Test/Main/run_one_main_test.sc
-rw-----	kloedej/afd_rds	6155	2023-01-30	09:02	aeolus/Test/Makefile.aeolus
-rw-----	kloedej/afd_rds	6554	2023-01-30	09:02	aeolus/Test/Makefile.TestOneExecutable
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Match_AMD/
-rw-----	kloedej/afd_rds	6770	2023-01-30	09:02	aeolus/Test/Match_AMD/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Meas_Grouping/
-rw-----	kloedej/afd_rds	22676	2023-01-30	09:02	aeolus/Test/Meas_Grouping/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Meas_Selection_Weighting/
-rw-----	kloedej/afd_rds	2390	2023-01-30	09:02	aeolus/Test/Meas_Selection_Weighting/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/MieCoreProcessing/
-rw-----	kloedej/afd_rds	6903	2023-01-30	09:02	aeolus/Test/MieCoreProcessing/Makefile.aeolus
-rw-----	kloedej/afd_rds	1330	2023-01-30	09:02	aeolus/Test/MieCoreProcessing/scan_accd_values.py
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/MolScat/
-rw-----	kloedej/afd_rds	2647	2023-01-30	09:02	aeolus/Test/MolScat/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/OpticalProperties/
-rw-----	kloedej/afd_rds	25775	2023-01-30	09:02	aeolus/Test/OpticalProperties/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/RayleighBrillouinProcessing/
-rw-----	kloedej/afd_rds	9926	2023-01-30	09:02	aeolus/Test/RayleighBrillouinProcessing/Makefile.aeolus
-rw-----	kloedej/afd_rds	1027	2023-01-30	09:02	aeolus/Test/report_progress.py
-rw-----	kloedej/afd_rds	903	2023-01-30	09:02	aeolus/Test/report_progress.sc



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drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Schemas/
-rw-----	kloedej/afd_rds	11320	2023-01-30	09:02	aeolus/Test/Schemas/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Scripts/
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Scripts2/
-rw-----	kloedej/afd_rds	3134	2023-01-30	09:02	aeolus/Test/Scripts2/Makefile.aeolus
-rw-----	kloedej/afd_rds	24	2023-01-30	09:02	aeolus/Test/Scripts2/Make_Targets_Python.available
-rw-----	kloedej/afd_rds	21	2023-01-30	09:02	aeolus/Test/Scripts2/Make_Targets_Python.dummy
-rw-----	kloedej/afd_rds	63105	2023-01-30	09:02	aeolus/Test/Scripts/Makefile.aeolus
-rw-----	kloedej/afd_rds	1043	2023-01-30	09:02	aeolus/Test/Scripts/Make_Targets_Python.available
-rw-----	kloedej/afd_rds	21	2023-01-30	09:02	aeolus/Test/Scripts/Make_Targets_Python.dummy
-rw-----	kloedej/afd_rds	931	2023-01-30	09:02	aeolus/Test/Scripts/simplify_ReportFileName
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Simple_XML/
-rw-----	kloedej/afd_rds	3143	2023-01-30	09:02	aeolus/Test/Simple_XML/Makefile.aeolus
-rw-----	kloedej/afd_rds	787	2023-01-30	09:02	aeolus/Test/simplify_logging_lines
-rw-----	kloedej/afd_rds	969	2023-01-30	09:02	aeolus/Test/skip_test
-rw-----	kloedej/afd_rds	2	2023-01-30	09:02	aeolus/Test/space.dat
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Support/
-rw-----	kloedej/afd_rds	12883	2023-01-30	09:02	aeolus/Test/Support/CreateTestNumericsExpected.sc
-rw-----	kloedej/afd_rds	18679	2023-01-30	09:02	aeolus/Test/Support/Makefile.aeolus
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/ThinLayer/
-rw-----	kloedej/afd_rds	2847	2023-01-30	09:02	aeolus/Test/ThinLayer/Makefile.aeolus
-rw-----	kloedej/afd_rds	19	2023-01-30	09:02	aeolus/Test/ThinLayer/testinput.TestReadJobOrderData
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/Tools/
-rw-----	kloedej/afd_rds	18250	2023-01-30	09:02	aeolus/Test/Tools/Makefile.aeolus
-rw-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Test/tutorial.db
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/ThinLayer/
-rw-----	kloedej/afd_rds	3769	2023-01-30	09:02	aeolus/ThinLayer/Makefile.aeolus
-rw-----	kloedej/afd_rds	89	2023-01-30	09:02	aeolus/ThinLayer/Objects.txt
-rw-----	kloedej/afd_rds	5589	2023-01-30	09:02	aeolus/ThinLayer/readjoborderdata.F90
-rw-----	kloedej/afd_rds	2111	2023-01-30	09:02	aeolus/ThinLayer/TestReadJobOrderData.F90
drwx-----	kloedej/afd_rds	0	2023-01-30	09:02	aeolus/Tools/
-rw-----	kloedej/afd_rds	129327	2023-01-30	09:02	aeolus/Tools/diff_module.F90
-rw-----	kloedej/afd_rds	7502	2023-01-30	09:02	aeolus/Tools/diff_tool.F90
-rw-----	kloedej/afd_rds	3104	2023-01-30	09:02	aeolus/Tools/Makefile.aeolus
-rw-----	kloedej/afd_rds	1588	2023-01-30	09:02	aeolus/Tools/RunTestLongLines.sc
-rw-----	kloedej/afd_rds	11984	2023-01-30	09:02	aeolus/Tools/Test_diff_tool.F90
-rw-----	kloedej/afd_rds	2902	2023-01-30	09:02	aeolus/Tools/TestLongLines.F90
-rw-----	kloedej/afd_rds	7641	2023-01-30	09:02	aeolus/whocallswho.txt

## Appendix B. Contents of L2BP\_Release\_3\_90\_datapack\_20230131.tar.gz

### B.1. File organization

The datapack contains binary files needed for installing the L2B processor and required input files needed for installing and executing the processor. It also contains data files needed for compilation, templates and schema files. It also includes a copy of the ECMWF BUFR DC library (bufrdc\_000409.tar.gz) and a set of custom made BUFR table files.

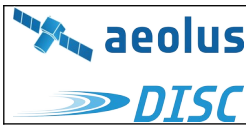
### B.2. Datapack inventory

The following listing can be obtained with the Unix command

```
tar tvfz L2BP_Release_3_90_datapack_20230131.tar.gz | sort --key=6
```

```
drwxr-xr-x kloedej/afd_rds 0 2020-02-12 14:13 BUFR_install/
-rw-r--r-- kloedej/afd_rds 13382853 2020-02-12 14:13 BUFR_install/bufrdc_000409.tar.gz
drwxr-xr-x kloedej/afd_rds 0 2020-02-12 14:13 BUFR_tables/
-rw-r--r-- kloedej/afd_rds 3808 2020-02-12 14:13 BUFR_tables/B000000000000000026000.TXT
-rw-r--r-- kloedej/afd_rds 918 2020-02-12 14:13 BUFR_tables/D000000000000000026000.TXT
drwx----- kloedej/afd_rds 0 2023-01-04 14:15 Input_Data/
lrwxrwxrwx kloedej/afd_rds 0 2022-10-26 15:29 Input_Data/aux_cal -> aux_cal_oper_4_07_02_20210727
drwx----- kloedej/afd_rds 0 2022-10-26 15:29 Input_Data/aux_cal_oper_4_07_02_20210727/
-rw-r--r-- kloedej/afd_rds 13878355 2022-07-07 13:33 Input_Data/aux_cal_oper_4_07_02_20210727/
AE_OPER_AUX_CAL_L2_20181002T001000_20181002T003912_0001.DBL
-rw-r--r-- kloedej/afd_rds 6710 2022-07-07 13:33 Input_Data/aux_cal_oper_4_07_02_20210727/
AE_OPER_AUX_CAL_L2_20181002T001000_20181002T003912_0001.HDR
-rw-r--r-- kloedej/afd_rds 589 2022-07-07 13:35 Input_Data/aux_cal_oper_4_07_02_20210727/source.txt
lrwxrwxrwx kloedej/afd_rds 0 2022-10-26 15:29 Input_Data/aux_clm -> aux_clm_from_l2ap_3_14
drwx----- kloedej/afd_rds 0 2023-01-02 13:23 Input_Data/aux_clm_from_l2ap_3_14/
-rw-r--r-- kloedej/afd_rds 2756661 2022-07-07 13:37 Input_Data/aux_clm_from_l2ap_3_14/
AE_OPER_AUX_CLM_L2_20180822T000000_99991231T235959_9001.DBL
-rw-r--r-- kloedej/afd_rds 3637 2022-07-07 13:37 Input_Data/aux_clm_from_l2ap_3_14/
AE_OPER_AUX_CLM_L2_20180822T000000_99991231T235959_9001.HDR
-rw-r--r-- kloedej/afd_rds 562 2023-01-02 13:23 Input_Data/aux_clm_from_l2ap_3_14/source.txt
drwx----- kloedej/afd_rds 0 2022-10-26 15:29 Input_Data/aux_clm_from_l2bp/
-rw-r--r-- kloedej/afd_rds 194367 2022-11-07 15:35 Input_Data/aux_clm_from_l2bp/
AE_TEST_AUX_CLM_L2_20010312T123456_20110312T123456_0001.DBL
-rw-r--r-- kloedej/afd_rds 3573 2022-11-07 15:36 Input_Data/aux_clm_from_l2bp/
AE_TEST_AUX_CLM_L2_20010312T123456_20110312T123456_0001.HDR
-rw-r--r-- kloedej/afd_rds 422 2022-11-07 15:36 Input_Data/aux_clm_from_l2bp/note.txt
lrwxrwxrwx kloedej/afd_rds 0 2022-10-26 15:29 Input_Data/aux_rbc -> aux_rbc_from_cal_oper_4_07_02_20210727
drwx----- kloedej/afd_rds 0 2022-10-26 15:29 Input_Data/aux_rbc_from_cal_oper_4_07_02_20210727/
-rw-r--r-- kloedej/afd_rds 1825859 2022-07-07 13:45 Input_Data/aux_rbc_from_cal_oper_4_07_02_20210727/
AE_OPER_AUX_RBC_L2_20181002T001000_20181002T003912_0001.DBL
-rw-r--r-- kloedej/afd_rds 5816 2022-07-07 13:45 Input_Data/aux_rbc_from_cal_oper_4_07_02_20210727/
AE_OPER_AUX_RBC_L2_20181002T001000_20181002T003912_0001.HDR
-rw-r--r-- kloedej/afd_rds 567 2022-07-07 13:47 Input_Data/aux_rbc_from_cal_oper_4_07_02_20210727/
source.txt
drwx----- kloedej/afd_rds 0 2023-01-02 13:32 Input_Data/aux_rbc_from_l2bp/
-rw-r--r-- kloedej/afd_rds 35582851 2023-01-02 13:31 Input_Data/aux_rbc_from_l2bp/
AE_TEST_AUX_RBC_L2_20071003T123456_20081002T123456_0001.DBL
-rw-r--r-- kloedej/afd_rds 5652 2023-01-02 13:31 Input_Data/aux_rbc_from_l2bp/
AE_TEST_AUX_RBC_L2_20071003T123456_20081002T123456_0001.HDR
-rw-r--r-- kloedej/afd_rds 35582851 2023-01-02 13:31 Input_Data/aux_rbc_from_l2bp/
AE_TEST_AUX_RBC_L2_20071026T123456_20081025T123456_0001.DBL
-rw-r--r-- kloedej/afd_rds 5652 2023-01-02 13:31 Input_Data/aux_rbc_from_l2bp/
AE_TEST_AUX_RBC_L2_20071026T123456_20081025T123456_0001.HDR
-rw-r--r-- kloedej/afd_rds 595 2023-01-02 13:32 Input_Data/aux_rbc_from_l2bp/note.txt
lrwxrwxrwx kloedej/afd_rds 0 2023-01-03 12:13 Input_Data/l1b_current_install_test_file ->
l1bv714_install_test_file
lrwxrwxrwx kloedej/afd_rds 0 2023-01-04 14:15 Input_Data/l1b_current_version_2nd_link ->
l1bv714_e2sv409
drwx----- kloedej/afd_rds 0 2023-01-04 14:15 Input_Data/l1bv714_e2sv409/
drwx----- kloedej/afd_rds 0 2023-01-04 14:15 Input_Data/l1bv714_e2sv409/Test_TN3_1_0105/
-rw-r--r-- kloedej/afd_rds 2578682 2023-01-04 14:14 Input_Data/l1bv714_e2sv409/Test_TN3_1_0105/
AE_TEST_ALD_U_N_1B_20181002T001000059_000084000_000636_0001.DBL
-rw-r--r-- kloedej/afd_rds 14826 2023-01-04 14:14 Input_Data/l1bv714_e2sv409/Test_TN3_1_0105/
AE_TEST_ALD_U_N_1B_20181002T001000059_000084000_000636_0001.HDR
-rw-r--r-- kloedej/afd_rds 370190 2023-01-04 14:14 Input_Data/l1bv714_e2sv409/Test_TN3_1_0105/
AE_TEST_AUX_MET_12_20041201T000000_20041201T003000_0001.DBL
```



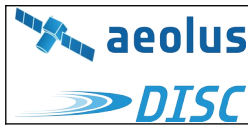


# Aeolus Level-2B Processor Software Release Note

Ref: AED-SD-ECMWF-L2B-040  
Issue: 3.90  
Date: 31 Jan. 2023

```
-rw-r--r-- kloedej/afd_rds 9977 2023-01-04 14:14 Input_Data/l1bv714_e2sv409/Test_TN3_1_0105/
AE_TEST_AUX_MET_12_20041201T000000_20041201T003000_0001.HDR
drwx----- kloedej/afd_rds 0 2023-01-03 12:12 Input_Data/l1bv714_install_test_file/
-rw-r--r-- kloedej/afd_rds 172500294 2023-01-02 13:35 Input_Data/l1bv714_install_test_file/
AE_TEST_ALD_U_N_1B_20190105T011602023_008364010_002143_0001.DBL
-rw-r--r-- kloedej/afd_rds 14867 2023-01-02 13:35 Input_Data/l1bv714_install_test_file/
AE_TEST_ALD_U_N_1B_20190105T011602023_008364010_002143_0001.HDR
-rw-r--r-- kloedej/afd_rds 222 2023-01-02 13:36 Input_Data/l1bv714_install_test_file/source.txt
-rw-r--r-- kloedej/afd_rds 500 2020-02-12 14:13 Input_Data/note.txt
drwx----- kloedej/afd_rds 0 2023-01-03 12:11 Input_Data/real_aeolus_data_l1b_v7.14/
drwx----- kloedej/afd_rds 0 2023-01-03 12:11 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
-rw-r--r-- kloedej/afd_rds 8338414 2023-01-02 15:06 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_OPER_ALD_U_N_1B_20200901T015459033_000300003_011737_0001.DBL
-rw-r--r-- kloedej/afd_rds 14850 2023-01-02 15:06 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_OPER_ALD_U_N_1B_20200901T015459033_000300003_011737_0001.HDR
-rw-r--r-- kloedej/afd_rds 1765730 2023-01-02 15:09 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_OPER_AUX_MET_12_20200901T015300_20200901T020157_0001.DBL
-rw-r--r-- kloedej/afd_rds 10092 2023-01-02 15:09 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_OPER_AUX_MET_12_20200901T015300_20200901T020157_0001.HDR
-rw-r--r-- kloedej/afd_rds 7139 2022-07-07 14:21 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_OPER_AUX_TEL_12_20200831T225428_20200901T230721_0001.EEF
-rw-r--r-- kloedej/afd_rds 1825859 2022-07-13 13:27 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_TEST_AUX_RBC_L2_20190916T030223_20190916T033147_0001.DBL
-rw-r--r-- kloedej/afd_rds 6441 2022-07-13 13:27 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
AE_TEST_AUX_RBC_L2_20190916T030223_20190916T033147_0001.HDR
-rw-r--r-- kloedej/afd_rds 1428 2023-01-02 15:10 Input_Data/real_aeolus_data_l1b_v7.14/20200901/
note.txt
lrwxrwxrwx kloedej/afd_rds 0 2023-01-03 12:12 Input_Data/real_aeolus_l1b_data_2nd_link -> real_aeo-
lus_data_l1b_v7.14
-rw-r--r-- kloedej/afd_rds 209 2020-02-12 14:13 note.txt
drwx----- kloedej/afd_rds 0 2022-11-07 13:19 Schemas/
-rw-r--r-- kloedej/afd_rds 6383 2020-02-12 14:13 Schemas/AUX_CAL_HDR_invalid.xml
-rw-r--r-- kloedej/afd_rds 6378 2020-07-10 12:19 Schemas/AUX_CAL_HDR.xml
-rw-r--r-- kloedej/afd_rds 2128 2020-07-08 16:28 Schemas/AUX_CAL_HDR.xsd
-rw-r--r-- kloedej/afd_rds 3754 2020-02-12 14:13 Schemas/AUX_CAL_SpecificProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 3765 2020-02-12 14:13 Schemas/AUX_CAL_SpecificProductHeader.xml
-rw-r--r-- kloedej/afd_rds 2680 2020-02-12 14:13 Schemas/AUX_CAL_SpecificProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 3488 2020-07-23 16:45 Schemas/AUX_CLM_HDR_invalid.xml
-rw-r--r-- kloedej/afd_rds 3487 2020-07-23 16:45 Schemas/AUX_CLM_HDR.xml
-rw-r--r-- kloedej/afd_rds 2430 2020-07-23 17:11 Schemas/AUX_CLM_HDR.xsd
-rw-r--r-- kloedej/afd_rds 1482 2020-02-12 14:13 Schemas/AUX_CLM_SpecificProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 1482 2020-02-12 14:13 Schemas/AUX_CLM_SpecificProductHeader.xml
-rw-r--r-- kloedej/afd_rds 1696 2020-07-23 16:54 Schemas/AUX_CLM_SpecificProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 9890 2020-02-12 14:13 Schemas/AUX_MET_HDR_invalid.xml
-rw-r--r-- kloedej/afd_rds 9890 2020-02-12 14:13 Schemas/AUX_MET_HDR.xml
-rw-r--r-- kloedej/afd_rds 2200 2020-02-12 14:13 Schemas/AUX_MET_HDR.xsd
-rw-r--r-- kloedej/afd_rds 7896 2020-02-12 14:13 Schemas/AUX_MET_SpecificProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 7896 2020-02-12 14:13 Schemas/AUX_MET_SpecificProductHeader.xml
-rw-r--r-- kloedej/afd_rds 2835 2020-02-12 14:13 Schemas/AUX_MET_SpecificProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 46928 2022-12-13 10:40 Schemas/AUX_PAR_2B_invalid.xml
-rw-r--r-- kloedej/afd_rds 46870 2022-12-12 13:07 Schemas/AUX_PAR_2B.xml
-rw-r--r-- kloedej/afd_rds 48031 2022-12-05 16:37 Schemas/AUX_PAR_2B.xsd
-rw-r--r-- kloedej/afd_rds 5557 2020-02-12 14:13 Schemas/AUX_RBC_HDR_invalid.xml
-rw-r--r-- kloedej/afd_rds 5562 2020-07-10 12:20 Schemas/AUX_RBC_HDR.xml
-rw-r--r-- kloedej/afd_rds 2004 2020-07-10 08:36 Schemas/AUX_RBC_HDR.xsd
-rw-r--r-- kloedej/afd_rds 3445 2020-02-12 14:13 Schemas/AUX_RBC_SpecificProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 3669 2020-02-12 14:13 Schemas/AUX_RBC_SpecificProductHeader.xml
-rw-r--r-- kloedej/afd_rds 3482 2020-02-12 14:13 Schemas/AUX_RBC_SpecificProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 9550 2022-01-18 17:28 Schemas/AUX_TEL_invalid.xml
-rw-r--r-- kloedej/afd_rds 9511 2022-01-18 17:25 Schemas/AUX_TEL.xml
-rw-r--r-- kloedej/afd_rds 8045 2022-01-18 17:24 Schemas/AUX_TEL.xsd
-rw-r--r-- kloedej/afd_rds 1008 2020-02-12 14:13 Schemas/DataSetDescriptor_invalid.xml
-rw-r--r-- kloedej/afd_rds 972 2020-02-12 14:13 Schemas/DataSetDescriptor.xml
-rw-r--r-- kloedej/afd_rds 2315 2020-02-12 14:13 Schemas/DataSetDescriptor.xsd
-rw-r--r-- kloedej/afd_rds 28644 2022-12-05 14:42 Schemas/EE_DataTypes.xsd
-rw-r--r-- kloedej/afd_rds 1251 2020-02-12 14:13 Schemas/FixedHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 1297 2020-02-12 14:13 Schemas/FixedHeader_WrongSchemaReference.xml
-rw-r--r-- kloedej/afd_rds 1249 2020-02-12 14:13 Schemas/FixedHeader.xml
-rw-r--r-- kloedej/afd_rds 3172 2022-08-05 15:09 Schemas/FixedHeader.xsd
-rw-r--r-- kloedej/afd_rds 8549 2020-02-12 14:13 Schemas/L2BC_SPH_subtypes.xsd
-rw-r--r-- kloedej/afd_rds 93392 2022-12-08 17:39 Schemas/L2B_HDR_invalid.xml
-rw-r--r-- kloedej/afd_rds 93381 2022-12-08 17:38 Schemas/L2B_HDR.xml
-rw-r--r-- kloedej/afd_rds 3556 2022-12-08 17:42 Schemas/L2B_HDR.xsd
-rw-r--r-- kloedej/afd_rds 15644 2020-02-12 14:13 Schemas/L2B_SpecificProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 91092 2020-02-12 14:13 Schemas/L2B_SpecificProductHeader.xml
-rw-r--r-- kloedej/afd_rds 4462 2020-02-12 14:13 Schemas/L2B_SpecificProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 100509 2022-12-08 17:40 Schemas/L2C_HDR_invalid.xml
-rw-r--r-- kloedej/afd_rds 100511 2022-12-08 17:40 Schemas/L2C_HDR.xml
-rw-r--r-- kloedej/afd_rds 2988 2022-12-08 17:42 Schemas/L2C_HDR.xsd
-rw-r--r-- kloedej/afd_rds 21319 2020-02-12 14:13 Schemas/L2C_SpecificProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 98222 2020-02-12 14:13 Schemas/L2C_SpecificProductHeader.xml
-rw-r--r-- kloedej/afd_rds 5062 2020-02-12 14:13 Schemas/L2C_SpecificProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 2510 2020-02-12 14:13 Schemas/MainProductHeader_invalid.xml
-rw-r--r-- kloedej/afd_rds 2499 2020-02-12 14:13 Schemas/MainProductHeader.xml
-rw-r--r-- kloedej/afd_rds 4134 2020-02-12 14:13 Schemas/MainProductHeader.xsd
-rw-r--r-- kloedej/afd_rds 8907 2020-02-12 14:13 Schemas/PROD_REPORT_invalid.xml
```

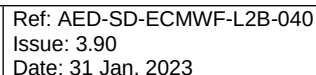





# Aeolus Level-2B Processor Software Release Note

Ref: AED-SD-ECMWF-L2B-040  
Issue: 3.90  
Date: 31 Jan. 2023

-rw-r--r--	kloedej/afd_rds	8870	2020-02-12	14:13	Schemas/PROD_REPORT.xml
-rw-r--r--	kloedej/afd_rds	3528	2020-02-12	14:13	Schemas/PROD_REPORT.xsd
-rw-r--r--	kloedej/afd_rds	4184	2022-12-05	14:48	Schemas/Test_EE_DataTypes.xml
-rw-r--r--	kloedej/afd_rds	9557	2022-12-05	14:48	Schemas/Test_EE_DataTypes.xsd
drwxr-xr-x	kloedej/afd_rds	0	2022-10-26	15:22	Templates/
-rw-r--r--	kloedej/afd_rds	663	2020-02-12	14:13	Templates/JobOrder.template_input_section.xml
-rw-r--r--	kloedej/afd_rds	3963	2022-11-07	16:12	Templates/JobOrder.template_l2b_ee2bufr_only.xml
-rw-r--r--	kloedej/afd_rds	11799	2022-11-07	16:12	Templates/
JobOrder.template_l2b_processor_and_l2b_ee2bufr_and_repgen.xml					
-rw-r--r--	kloedej/afd_rds	10853	2022-11-07	16:13	Templates/JobOrder.template_l2b_processor_and_repgen.xml
-rw-r--r--	kloedej/afd_rds	8794	2022-11-07	16:11	Templates/JobOrder.template_l2b_processor_only.xml
-rw-r--r--	kloedej/afd_rds	4398	2022-11-07	16:38	Templates/JobOrder.template_repgen_only.xml
drwxr-xr-x	kloedej/afd_rds	0	2023-01-19	16:31	ThinLayer/
-rw-r--r--	kloedej/afd_rds	353	2020-02-12	14:13	ThinLayer/AE_OPER_AUX_PAR_2B__reminder_.txt
-rw-r--r--	kloedej/afd_rds	45385	2022-12-12	13:07	ThinLayer/
AE_TEST_AUX_PAR_2B_20050101T000000_99991231T235959_0000.EEF					
-rw-r--r--	kloedej/afd_rds	60149	2023-01-19	16:28	ThinLayer/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9078.EEF					
-rw-r--r--	kloedej/afd_rds	9404	2021-12-14	19:53	ThinLayer/
AE_TEST_AUX_TEL_12_20180821T000000_99991231T235959_9004.EEF					
-rw-r--r--	kloedej/afd_rds	8763	2022-11-07	16:15	ThinLayer/JobOrder.5.xml
-rw-r--r--	kloedej/afd_rds	10894	2022-11-07	16:16	ThinLayer/JobOrder.90001.xml
drwxr-xr-x	kloedej/afd_rds	0	2023-01-19	16:32	ThinLayer/old_AUX_PAR_2B_files/
-rw-r--r--	kloedej/afd_rds	45365	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9001.EEF					
-rw-r--r--	kloedej/afd_rds	45360	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9002.EEF					
-rw-r--r--	kloedej/afd_rds	45566	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9005.EEF					
-rw-r--r--	kloedej/afd_rds	45568	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9006.EEF					
-rw-r--r--	kloedej/afd_rds	45438	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9007.EEF					
-rw-r--r--	kloedej/afd_rds	45507	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9008.EEF					
-rw-r--r--	kloedej/afd_rds	45428	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9009.EEF					
-rw-r--r--	kloedej/afd_rds	45448	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9010.EEF					
-rw-r--r--	kloedej/afd_rds	45446	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20180821T000000_99991231T235959_9011.EEF					
-rw-r--r--	kloedej/afd_rds	45448	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20191213T000000_99991231T235959_9013.EEF					
-rw-r--r--	kloedej/afd_rds	45448	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9014.EEF					
-rw-r--r--	kloedej/afd_rds	45446	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9015.EEF					
-rw-r--r--	kloedej/afd_rds	45446	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9016.EEF					
-rw-r--r--	kloedej/afd_rds	45446	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9017.EEF					
-rw-r--r--	kloedej/afd_rds	45443	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9018.EEF					
-rw-r--r--	kloedej/afd_rds	45444	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9019.EEF					
-rw-r--r--	kloedej/afd_rds	45714	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9021.EEF					
-rw-r--r--	kloedej/afd_rds	45979	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9022.EEF					
-rw-r--r--	kloedej/afd_rds	45979	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9024.EEF					
-rw-r--r--	kloedej/afd_rds	46244	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9026.EEF					
-rw-r--r--	kloedej/afd_rds	46244	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9027.EEF					
-rw-r--r--	kloedej/afd_rds	46509	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9028.EEF					
-rw-r--r--	kloedej/afd_rds	46513	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9029.EEF					
-rw-r--r--	kloedej/afd_rds	46513	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9030.EEF					
-rw-r--r--	kloedej/afd_rds	46518	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9031.EEF					
-rw-r--r--	kloedej/afd_rds	46783	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9032.EEF					
-rw-r--r--	kloedej/afd_rds	46783	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9033.EEF					
-rw-r--r--	kloedej/afd_rds	46783	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9034.EEF					
-rw-r--r--	kloedej/afd_rds	46783	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9035.EEF					
-rw-r--r--	kloedej/afd_rds	46783	2022-12-12	13:07	ThinLayer/old_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20200106T000000_99991231T235959_9036.EEF					



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```

-rw-r--r-- kloedej/afd_rds 7618 2021-07-08 12:11 ThinLayer/old_AUX_TEL_12_files/
AE_TEST_AUX_TEL_12_20180821T000000_99991231T235959_9002.EEF
-rw-r--r-- kloedej/afd_rds 7864 2021-07-08 17:17 ThinLayer/old_AUX_TEL_12_files/
AE_TEST_AUX_TEL_12_20180821T000000_99991231T235959_9003.EEF
-rw-r--r-- kloedej/afd_rds 6062 2022-11-07 16:16 ThinLayer/order.5.xml
-rw-r--r-- kloedej/afd_rds 4317 2022-12-08 19:19 ThinLayer/Processor_Configuration_IPF2B_L1B_L2B.xml
drwxr-xr-x kloedej/afd_rds 0 2022-04-21 10:14 ThinLayer/repr_AUX_PAR_2B_files/
-rw-r--r-- kloedej/afd_rds 75905 2022-12-12 13:07 ThinLayer/repr_AUX_PAR_2B_files/
AE_OPER_AUX_PAR_2B_20180822T000000_20190623T235959_8003.EEF
-rw-r--r-- kloedej/afd_rds 45490 2022-12-12 13:07 ThinLayer/repr_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20190624T000000_20200101T120000_8001.EEF
-rw-r--r-- kloedej/afd_rds 48663 2022-12-12 13:07 ThinLayer/repr_AUX_PAR_2B_files/
AE_TEST_AUX_PAR_2B_20190624T000000_20201031T235959_8002.EEF
-rw-r--r-- kloedej/afd_rds 10491 2022-11-07 16:18 ThinLayer/TaskTable.AE_L1B_L2B_WIND.xml
-rw-r--r-- kloedej/afd_rds 4155 2022-11-07 16:19 ThinLayer/WorkstationConfigurationFile.xml

```

## Appendix C. Contents of L2BP\_Release\_3\_90\_installtest\_20230131.tar.gz

### C.1. File organization

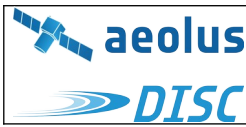
The installtest package contains data files needed for testing and expected test outputs, for comparison with test results produced during the execution of the “make test” command. Significant differences when comparing actual results to expected results will lead to test failures. The overall directory structure in the Test subfolder below is the same as for the source code, see (Appendix A), and contains expected outputs and required inputs for testing each module of the processor. The related scripts and makefiles that define the actual tests are part of the source code tar file. Both tar files are merged to a single directory tree during installation.

### C.2. Installtest inventory

The following listing can be obtained with the Unix command

```
tar tvfz L2BP_Release_3_90_installtest_20230131.tar.gz | sort --key=6
```

```
drwxr-xr-x kloedej/afd_rds 0 2020-02-12 14:13 DirectBinaryIO/
-rw-r--r-- kloedej/afd_rds 20 2020-02-12 14:13 DirectBinaryIO/uf.4b.be.bin
-rw-r--r-- kloedej/afd_rds 20 2020-02-12 14:13 DirectBinaryIO/uf.4b.le.bin
-rw-r--r-- kloedej/afd_rds 28 2020-02-12 14:13 DirectBinaryIO/uf.8b.le.bin
drwx----- kloedej/afd_rds 0 2023-01-04 13:54 Input_Data/
drwx----- kloedej/afd_rds 0 2022-10-26 15:30 Input_Data/aux_tel_1_0_0/
-rw-r--r-- kloedej/afd_rds 7141 2021-07-07 16:06 Input_Data/aux_tel_1_0_0/
AE_OPER_AUX_TEL_12_20200419T012904_20200419T224216_0001.EEF
-rw-r--r-- kloedej/afd_rds 171 2021-07-07 16:06 Input_Data/aux_tel_1_0_0/note.txt
drwx----- kloedej/afd_rds 0 2022-10-26 15:30 Input_Data/aux_tel_1_0_1/
-rw-r--r-- kloedej/afd_rds 7703 2021-07-07 16:01 Input_Data/aux_tel_1_0_1/
AE_OPER_AUX_TEL_12_20191007T002218_20191007T014516_0001.EEF
-rw-r--r-- kloedej/afd_rds 536 2021-07-07 16:01 Input_Data/aux_tel_1_0_1/note.txt
drwx----- kloedej/afd_rds 0 2022-10-26 15:30 Input_Data/aux_tel_1_0_3/
-rw-r--r-- kloedej/afd_rds 8014 2021-07-07 16:01 Input_Data/aux_tel_1_0_3/
AE_OPER_AUX_TEL_12_20191007T002211_20191007T014523_0001.EEF
-rw-r--r-- kloedej/afd_rds 550 2021-07-07 16:01 Input_Data/aux_tel_1_0_3/note.txt
drwx----- kloedej/afd_rds 0 2022-10-26 15:30 Input_Data/aux_tel_1_0_4/
-rw-r--r-- kloedej/afd_rds 8833 2022-01-04 16:52 Input_Data/aux_tel_1_0_4/
AE_OPER_AUX_TEL_12_20191007T002211_20191007T014523_0000.EEF
-rw-r--r-- kloedej/afd_rds 8855 2022-01-04 16:52 Input_Data/aux_tel_1_0_4/
AE_OPER_AUX_TEL_12_20191007T002211_20191007T014523_0001.EEF
-rw-r--r-- kloedej/afd_rds 9406 2022-01-04 16:52 Input_Data/aux_tel_1_0_4/
AE_OPER_AUX_TEL_12_20191007T002211_20191007T014523_0002.EEF
-rw-r--r-- kloedej/afd_rds 8199 2022-01-06 08:57 Input_Data/aux_tel_1_0_4/
AE_OPER_AUX_TEL_12_20191007T002211_20191007T014523_0010.EEF
-rw-r--r-- kloedej/afd_rds 1862 2022-01-06 09:00 Input_Data/aux_tel_1_0_4/note.txt
lrwxrwxrwx kloedej/afd_rds 0 2022-10-26 15:30 Input_Data/aux_tel_current_version -> aux_tel_1_0_3
lrwxrwxrwx kloedej/afd_rds 0 2023-01-02 16:33 Input_Data/e2s_current_version_tds -> e2sv409_tds
drwx----- kloedej/afd_rds 0 2023-01-02 16:33 Input_Data/e2sv409_tds/
-rw-r--r-- kloedej/afd_rds 35778 2022-07-07 14:43 Input_Data/e2sv409_tds/01_atmosphereProfileParameters.xml
-rw-r--r-- kloedej/afd_rds 202 2023-01-02 16:32 Input_Data/e2sv409_tds/note.txt
lrwxrwxrwx kloedej/afd_rds 0 2023-01-04 13:54 Input_Data/l1b_current_version -> l1bv714_e2sv409
drwx----- kloedej/afd_rds 0 2023-01-04 14:19 Input_Data/l1bv714_e2sv409/
drwx----- kloedej/afd_rds 0 2023-01-04 14:02 Input_Data/l1bv714_e2sv409/aux/
-rw-r--r-- kloedej/afd_rds 22565 2023-01-04 13:58 Input_Data/l1bv714_e2sv409/aux/
AE_OPER_AUX_RDB_1B_20180713T002600_20180713T004548_9003.EEF
-rw-r--r-- kloedej/afd_rds 6471 2023-01-04 14:00 Input_Data/l1bv714_e2sv409/aux/
AE_OPER_AUX_HBE_1B_20180712T000000_20180731T000000_9003.EEF
-rw----- kloedej/afd_rds 6471 2023-01-04 13:58 Input_Data/l1bv714_e2sv409/aux/
AE_OPER_AUX_HBE_1B_20180712T000000_20180731T000000_9003.EEF.orig
-rw-r--r-- kloedej/afd_rds 5793 2023-01-04 14:02 Input_Data/l1bv714_e2sv409/aux/
AE_OPER_AUX_RDB_1B_20180712T000000_20180731T000000_9002.EEF
-rw----- kloedej/afd_rds 5791 2023-01-04 13:58 Input_Data/l1bv714_e2sv409/aux/
AE_OPER_AUX_RDB_1B_20180712T000000_20180731T000000_9002.EEF.orig
-rw-r--r-- kloedej/afd_rds 2521 2023-01-04 14:19 Input_Data/l1bv714_e2sv409/note.txt
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/Test_Calibration_IRC/
-rw-r--r-- kloedej/afd_rds 3223492 2023-01-04 14:05 Input_Data/l1bv714_e2sv409/Test_Calibration_IRC/
AE_OPER_AUX_MRC_1B_20181002T001000_20181002T002600_0001.EEF
```



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```
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/
Test_TN3_1_0027_Pauls_4BRC_case/
-rw-r--r-- kloedej/afd_rds 12818810 2023-01-04 14:11 Input_Data/l1bv714_e2sv409/
Test_TN3_1_0027_Pauls_4BRC_case/AE_TEST_ALD_U_N_1B_20181001T010700059_000468000_000621_0001.DBL
-rw-r--r-- kloedej/afd_rds 14851 2023-01-04 14:11 Input_Data/l1bv714_e2sv409/
Test_TN3_1_0027_Pauls_4BRC_case/AE_TEST_ALD_U_N_1B_20181001T010700059_000468000_000621_0001.HDR
-rw-r--r-- kloedej/afd_rds 324650 2023-01-04 14:11 Input_Data/l1bv714_e2sv409/
Test_TN3_1_0027_Pauls_4BRC_case/AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.DBL
-rw-r--r-- kloedej/afd_rds 9977 2023-01-04 14:11 Input_Data/l1bv714_e2sv409/
Test_TN3_1_0027_Pauls_4BRC_case/AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.HDR
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/Test_TN3_1_0054/
-rw-r--r-- kloedej/afd_rds 658658 2023-01-04 14:12 Input_Data/l1bv714_e2sv409/Test_TN3_1_0054/
AE_TEST_ALD_U_N_1B_20181001T010306059_000012000_000621_0001.DBL
-rw-r--r-- kloedej/afd_rds 14806 2023-01-04 14:12 Input_Data/l1bv714_e2sv409/Test_TN3_1_0054/
AE_TEST_ALD_U_N_1B_20181001T010306059_000012000_000621_0001.HDR
-rw-r--r-- kloedej/afd_rds 51410 2023-01-04 14:12 Input_Data/l1bv714_e2sv409/Test_TN3_1_0054/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.DBL
-rw-r--r-- kloedej/afd_rds 9976 2023-01-04 14:12 Input_Data/l1bv714_e2sv409/Test_TN3_1_0054/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.HDR
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/Test_TN3_1_0055/
-rw-r--r-- kloedej/afd_rds 555368 2023-01-04 14:13 Input_Data/l1bv714_e2sv409/Test_TN3_1_0055/
AE_TEST_ALD_U_N_1B_20181001T010308039_000012000_000621_0001.DBL
-rw-r--r-- kloedej/afd_rds 14801 2023-01-04 14:13 Input_Data/l1bv714_e2sv409/Test_TN3_1_0055/
AE_TEST_ALD_U_N_1B_20181001T010308039_000012000_000621_0001.HDR
-rw-r--r-- kloedej/afd_rds 51410 2023-01-04 14:13 Input_Data/l1bv714_e2sv409/Test_TN3_1_0055/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.DBL
-rw-r--r-- kloedej/afd_rds 9976 2023-01-04 14:13 Input_Data/l1bv714_e2sv409/Test_TN3_1_0055/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.HDR
-rw-r--r-- kloedej/afd_rds 73 2022-07-07 16:06 Input_Data/l1bv714_e2sv409/Test_TN3_1_0105.note.txt
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/Test_TN3_1_0106/
-rw-r--r-- kloedej/afd_rds 2578682 2023-01-04 14:16 Input_Data/l1bv714_e2sv409/Test_TN3_1_0106/
AE_TEST_ALD_U_N_1B_20181002T001000059_000084000_000636_0001.DBL
-rw-r--r-- kloedej/afd_rds 14825 2023-01-04 14:16 Input_Data/l1bv714_e2sv409/Test_TN3_1_0106/
AE_TEST_ALD_U_N_1B_20181002T001000059_000084000_000636_0001.HDR
-rw-r--r-- kloedej/afd_rds 370190 2023-01-04 14:16 Input_Data/l1bv714_e2sv409/Test_TN3_1_0106/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.DBL
-rw-r--r-- kloedej/afd_rds 9977 2023-01-04 14:16 Input_Data/l1bv714_e2sv409/Test_TN3_1_0106/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.HDR
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/Test_TN3_1_0110/
-rw-r--r-- kloedej/afd_rds 2578682 2023-01-04 14:17 Input_Data/l1bv714_e2sv409/Test_TN3_1_0110/
AE_TEST_ALD_U_N_1B_20181001T213400059_000084000_000634_0001.DBL
-rw-r--r-- kloedej/afd_rds 14829 2023-01-04 14:17 Input_Data/l1bv714_e2sv409/Test_TN3_1_0110/
AE_TEST_ALD_U_N_1B_20181001T213400059_000084000_000634_0001.HDR
-rw-r--r-- kloedej/afd_rds 370190 2023-01-04 14:17 Input_Data/l1bv714_e2sv409/Test_TN3_1_0110/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.DBL
-rw-r--r-- kloedej/afd_rds 9977 2023-01-04 14:17 Input_Data/l1bv714_e2sv409/Test_TN3_1_0110/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.HDR
drwx----- kloedej/afd_rds 0 2023-01-04 13:53 Input_Data/l1bv714_e2sv409/Test_TN3_1_0113/
-rw-r--r-- kloedej/afd_rds 1298666 2023-01-04 14:18 Input_Data/l1bv714_e2sv409/Test_TN3_1_0113/
AE_TEST_ALD_U_N_1B_20181002T001000059_000036000_000636_0001.DBL
-rw-r--r-- kloedej/afd_rds 14819 2023-01-04 14:18 Input_Data/l1bv714_e2sv409/Test_TN3_1_0113/
AE_TEST_ALD_U_N_1B_20181002T001000059_000036000_000636_0001.HDR
-rw-r--r-- kloedej/afd_rds 188030 2023-01-04 14:18 Input_Data/l1bv714_e2sv409/Test_TN3_1_0113/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.DBL
-rw-r--r-- kloedej/afd_rds 9977 2023-01-04 14:18 Input_Data/l1bv714_e2sv409/Test_TN3_1_0113/
AE_TEST_AUX_MET_12_20041201T0000000_20041201T0030000_0001.HDR
lrwxrwxrwx kloedej/afd_rds 0 2023-01-02 16:35 Input_Data/l2bv390_reference_results ->
l2bv390_reference_results
drwx----- kloedej/afd_rds 0 2023-01-02 17:53 Input_Data/l2bv390_reference_results/
-rw-r--r-- kloedej/afd_rds 7044573 2023-01-02 17:54 Input_Data/l2bv390_reference_results/
AE_RPRO_ALD_U_N_2B_20190101T055302_20190101T060302_0001.DBL
-rw-r--r-- kloedej/afd_rds 93143 2023-01-02 17:54 Input_Data/l2bv390_reference_results/
AE_RPRO_ALD_U_N_2B_20190101T055302_20190101T060302_0001.HDR
-rw-r--r-- kloedej/afd_rds 978 2023-01-02 17:53 Input_Data/l2bv390_reference_results/note.txt
drwx----- kloedej/afd_rds 0 2023-01-02 18:06 Input_Data/real_aeolus_data_l1b_v7.14/
drwx----- kloedej/afd_rds 0 2023-01-03 12:16 Input_Data/real_aeolus_data_l1b_v7.14/20181001/
-rw-r--r-- kloedej/afd_rds 983570 2023-01-02 18:00 Input_Data/real_aeolus_data_l1b_v7.14/20181001/
AE_OPER_AUX_MET_12_20181001T090115_20181001T090612_0001.DBL
-rw-r--r-- kloedej/afd_rds 10032 2023-01-02 18:00 Input_Data/real_aeolus_data_l1b_v7.14/20181001/
AE_OPER_AUX_MET_12_20181001T090115_20181001T090612_0001.HDR
-rw-r--r-- kloedej/afd_rds 1938162 2023-01-03 12:17 Input_Data/real_aeolus_data_l1b_v7.14/20181001/
AE_OPER_AUX_OWV_1B_20181001T090314029_000060008_000626_0001.DBL
-rw-r--r-- kloedej/afd_rds 14830 2023-01-03 12:17 Input_Data/real_aeolus_data_l1b_v7.14/20181001/
AE_OPER_AUX_OWV_1B_20181001T090314029_000060008_000626_0001.HDR
-rw-r--r-- kloedej/afd_rds 1814 2023-01-03 12:16 Input_Data/real_aeolus_data_l1b_v7.14/20181001/note.txt
drwx----- kloedej/afd_rds 0 2023-01-02 18:06 Input_Data/real_aeolus_data_l1b_v7.14/20181007/
-rw-r--r-- kloedej/afd_rds 6418218 2023-01-02 18:03 Input_Data/real_aeolus_data_l1b_v7.14/20181007/
AE_OPER_ALD_U_N_1B_20181007T052602026_000228000_000719_0001.DBL
-rw-r--r-- kloedej/afd_rds 14833 2023-01-02 18:03 Input_Data/real_aeolus_data_l1b_v7.14/20181007/
AE_OPER_ALD_U_N_1B_20181007T052602026_000228000_000719_0001.HDR
-rw-r--r-- kloedej/afd_rds 1531082 2023-01-02 18:05 Input_Data/real_aeolus_data_l1b_v7.14/20181007/
AE_OPER_AUX_MET_12_20181007T052403_20181007T053148_0001.DBL
-rw-r--r-- kloedej/afd_rds 10033 2023-01-02 18:05 Input_Data/real_aeolus_data_l1b_v7.14/20181007/
AE_OPER_AUX_MET_12_20181007T052403_20181007T053148_0001.HDR
-rw-r--r-- kloedej/afd_rds 1736 2023-01-02 18:06 Input_Data/real_aeolus_data_l1b_v7.14/20181007/note.txt
```





# Aeolus Level-2B Processor Software Release Note

Ref: AED-SD-ECMWF-L2B-040  
Issue: 3.90  
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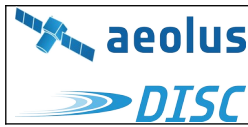
```
lrwxrwxrwx kloedej/afd_rds 0 2023-01-02 18:07 Input_Data/real_aeolus_l1b_data ->
real_aeolus_data_l1b_v7.14
drwx----- kloedej/afd_rds 0 2022-10-26 15:30 Input_RPT/
-rw-r--r-- kloedej/afd_rds 1221044 2020-02-12 14:13 Input_RPT/elwl_20050621_extended.rpt
-rw-r--r-- kloedej/afd_rds 502140 2020-02-12 14:13 Input_RPT/elwl_20050621.rpt
-rw-r--r-- kloedej/afd_rds 1964815 2020-02-12 14:13 Input_RPT/fjvk_infile_wsjobs_20070829_short.dat
-rw-r--r-- kloedej/afd_rds 518 2020-02-12 14:13 Input_RPT/geoloc.txt
-rw-r--r-- kloedej/afd_rds 124856 2020-02-12 14:13 Input_RPT/knmi_file.asc
-rw-r--r-- kloedej/afd_rds 182 2020-02-12 14:13 note.txt
drwxr-xr-x kloedej/afd_rds 0 2022-11-08 10:37 Test/
drwxr-xr-x kloedej/afd_rds 0 2021-10-20 17:35 Test/Accumulate_Signals/
-rw-r--r-- kloedej/afd_rds 2112 2021-10-20 17:35 Test/Accumulate_Signals/
testoutput1.Test_accumulation_functions.expected
drwxr-xr-x kloedej/afd_rds 0 2022-09-14 14:09 Test/AUX_CAL_L2_file_handling/
-rw-r--r-- kloedej/afd_rds 12216 2022-07-07 17:28 Test/AUX_CAL_L2_file_handling/
AE_OPER_AUX_CAL_L2_20181002T001000_20181002T003912_0001.TXT.expected
-rw-r--r-- kloedej/afd_rds 20446687 2022-09-14 14:10 Test/AUX_CAL_L2_file_handling/
AE_TEST_AUX_CAL_L2_20010312T123456_20020312T123456_0001.DBL.expected
-rw-r--r-- kloedej/afd_rds 6465 2022-11-07 15:32 Test/AUX_CAL_L2_file_handling/
AE_TEST_AUX_CAL_L2_20010312T123456_20020312T123456_0001.HDR.expected
-rw-r--r-- kloedej/afd_rds 12211 2020-05-27 13:37 Test/AUX_CAL_L2_file_handling/
AE_TEST_AUX_CAL_L2_20181002T001018_20181002T003930_0001.TXT.expected
-rw-r--r-- kloedej/afd_rds 334 2020-02-12 14:13 Test/AUX_CAL_L2_file_handling/note.txt
-rw-r--r-- kloedej/afd_rds 940 2020-02-12 14:13 Test/AUX_CAL_L2_file_handling/
testoutput1.Test_Write_AUX_CAL_L2_file.expected
-rw-r--r-- kloedej/afd_rds 2931 2020-02-12 14:13 Test/AUX_CAL_L2_file_handling/
testoutput2.Test_Read_AUX_CAL_L2_file.expected
-rw-r--r-- kloedej/afd_rds 2582 2022-05-30 14:08 Test/AUX_CAL_L2_file_handling/
testoutput3.Test_Read_AUX_CAL_L2_file.expected
-rw-r--r-- kloedej/afd_rds 2727 2022-05-30 14:11 Test/AUX_CAL_L2_file_handling/
testoutput4.Write_AUX_CAL_L2_Text_Product.expected
drwxr-xr-x kloedej/afd_rds 0 2022-11-07 15:34 Test/AUX_CLM_L2_file_handling/
-rw-r--r-- kloedej/afd_rds 5125856 2022-11-07 15:37 Test/AUX_CLM_L2_file_handling/
AE_TEST_AUX_CLM_L2_20010312T123456_20110312T123456_0001.TXT.expected
-rw-r--r-- kloedej/afd_rds 5127226 2022-11-07 15:33 Test/AUX_CLM_L2_file_handling/
testoutput1.Test_Write_AUX_CLM_L2_file.expected
-rw-r--r-- kloedej/afd_rds 275 2021-09-14 13:33 Test/AUX_CLM_L2_file_handling/
testoutput2.Test_Read_AUX_CLM_L2_file.expected
-rw-r--r-- kloedej/afd_rds 1120 2021-09-14 13:33 Test/AUX_CLM_L2_file_handling/
testoutput3.Write_AUX_CLM_L2_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 300 2022-10-28 12:13 Test/AUX_CLM_L2_file_handling/
testoutput4.Test_Read_AUX_CLM_L2_file.expected
drwxr-xr-x kloedej/afd_rds 0 2022-07-08 14:58 Test/AUX_HBE_1B_file_handling/
-rw-r--r-- kloedej/afd_rds 4876 2020-07-10 09:49 Test/AUX_HBE_1B_file_handling/
testoutput1.Test_Read_AUX_HBE_1B_file.expected
drwxr-xr-x kloedej/afd_rds 0 2021-05-14 14:19 Test/AUX_MET_12_file_handling/
-rw-r--r-- kloedej/afd_rds 253288 2022-11-07 15:39 Test/AUX_MET_12_file_handling/
AE_OPER_AUX_MET_12_20160306T210000_20160307T090000_0001.DBL.expected
-rw-r--r-- kloedej/afd_rds 10050 2022-11-07 15:39 Test/AUX_MET_12_file_handling/
AE_OPER_AUX_MET_12_20160306T210000_20160307T090000_0001.HDR.expected
-rw-r--r-- kloedej/afd_rds 149766 2022-11-07 15:41 Test/AUX_MET_12_file_handling/
AE_OPER_AUX_MET_12_20160306T210000_20160307T090000_0001.TXT.expected
-rw-r--r-- kloedej/afd_rds 94778 2022-11-07 15:41 Test/AUX_MET_12_file_handling/
AE_TEST_AUX_MET_12_20041201T000000_20041201T003000_0001.DBL.expected
-rw-r--r-- kloedej/afd_rds 9976 2022-11-07 15:40 Test/AUX_MET_12_file_handling/
AE_TEST_AUX_MET_12_20041201T000000_20041201T003000_0001.HDR.expected
-rw-r--r-- kloedej/afd_rds 1706796 2022-11-07 15:42 Test/AUX_MET_12_file_handling/
AE_TEST_AUX_MET_12_20041201T000000_20041201T003000_0001.TXT.expected.test6c
-rw-r--r-- kloedej/afd_rds 1706796 2022-11-07 15:42 Test/AUX_MET_12_file_handling/
AE_TEST_AUX_MET_12_20041201T000000_20041201T003000_0001.TXT.expected.test6d
-rw-r--r-- kloedej/afd_rds 113170 2022-11-07 15:43 Test/AUX_MET_12_file_handling/
AE_TEST_AUX_MET_12_20160102T030400_20160102T030500_0001.TXT.expected
-rw-r--r-- kloedej/afd_rds 419567 2020-02-12 14:13 Test/AUX_MET_12_file_handling/knmi_file_test4.asc.ex-
pected
-rw-r--r-- kloedej/afd_rds 542723 2021-09-14 14:49 Test/AUX_MET_12_file_handling/testoutput1.TestWri-
teAMDdata.expected
-rw-r--r-- kloedej/afd_rds 39154 2020-07-10 09:49 Test/AUX_MET_12_file_handling/
testoutput2.Test_Read_AUX_MET_12_file.expected
-rw-r--r-- kloedej/afd_rds 4209 2021-09-14 14:49 Test/AUX_MET_12_file_handling/testoutput3.ConvertKnmi-
AscToAMD.expected
-rw-r--r-- kloedej/afd_rds 12912 2020-07-10 09:50 Test/AUX_MET_12_file_handling/testoutput4.ConvertAMD-
toKnmiAsc.expected
-rw-r--r-- kloedej/afd_rds 39266 2020-07-10 09:50 Test/AUX_MET_12_file_handling/
testoutput5.Write_AUX_MET_12_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 4209 2021-09-14 14:50 Test/AUX_MET_12_file_handling/testoutput6a.Convert-
KnmiAscToAMD.expected
-rw-r--r-- kloedej/afd_rds 7733 2021-09-14 14:50 Test/AUX_MET_12_file_handling/testoutput6b.Convert-
KnmiAscToAMD.expected
-rw-r--r-- kloedej/afd_rds 8312 2020-07-10 09:51 Test/AUX_MET_12_file_handling/
testoutput6c.Write_AUX_MET_12_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 8312 2020-07-10 09:51 Test/AUX_MET_12_file_handling/
testoutput6d.Write_AUX_MET_12_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 1678 2021-09-14 14:50 Test/AUX_MET_12_file_handling/
testoutput7.Convert_E2S_xml_profile_to_AMD.expected
-rw-r--r-- kloedej/afd_rds 15660 2020-07-10 09:52 Test/AUX_MET_12_file_handling/
testoutput8.Test_Read_AUX_MET_12_file.expected
```



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```
-rw-r--r-- kloedej/afd_rds 15660 2020-07-10 09:52 Test/AUX_MET_12_file_handling/
testoutput9.Test_Read_AUX_MET_12_file.expected
drwx----- kloedej/afd_rds 0 2022-10-26 14:51 Test/AUX_MET_DATA_conversions/
-rw-r--r-- kloedej/afd_rds 1535 2020-02-12 14:13 Test/AUX_MET_DATA_conversions/testoutput.TestAuxilia-
ryModule.expected
-rw-r--r-- kloedej/afd_rds 677 2020-02-12 14:13 Test/AUX_MET_DATA_conversions/testoutput.TestDummy-
AuxiliaryModule.expected
drwxr-xr-x kloedej/afd_rds 0 2022-07-07 17:42 Test/AUX_MRC_1B_file_handling/
-rw-r--r-- kloedej/afd_rds 6613945 2023-01-04 14:45 Test/AUX_MRC_1B_file_handling/
testoutput11.Test_Read_AUX_MRC_1B_file.expected
drwxr-xr-x kloedej/afd_rds 0 2022-05-11 13:42 Test/AUX_PAR_2B_file_handling/
-rw-r--r-- kloedej/afd_rds 63572 2022-12-12 13:28 Test/AUX_PAR_2B_file_handling/
testoutput11.Test_Read_AUX_PAR_2B_file.expected
drwxr-xr-x kloedej/afd_rds 0 2022-05-30 15:31 Test/AUX_RBC_L2_file_handling/
-rw-r--r-- kloedej/afd_rds 9950 2022-07-07 19:50 Test/AUX_RBC_L2_file_handling/
AE_OPER_AUX_RBC_L2_20181002T001000_20181002T003912_0001.12.TXT.expected
-rw-r--r-- kloedej/afd_rds 35582851 2022-09-14 14:40 Test/AUX_RBC_L2_file_handling/
AE_TEST_AUX_RBC_L2_20010312T123456_20020312T123456_0001.DBL.expected
-rw-r--r-- kloedej/afd_rds 5641 2022-11-07 15:44 Test/AUX_RBC_L2_file_handling/
AE_TEST_AUX_RBC_L2_20010312T123456_20020312T123456_0001.HDR.expected
-rw-r--r-- kloedej/afd_rds 1800 2022-10-28 12:23 Test/AUX_RBC_L2_file_handling/
testoutput12a.Test_Read_AUX_RBC_L2_file.expected
-rw-r--r-- kloedej/afd_rds 1945 2022-10-28 12:23 Test/AUX_RBC_L2_file_handling/
testoutput12b.Write_AUX_RBC_L2_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 589 2020-02-12 14:13 Test/AUX_RBC_L2_file_handling/
testoutput11.Test_Write_AUX_RBC_L2_file.expected
-rw-r--r-- kloedej/afd_rds 1880 2020-07-10 09:56 Test/AUX_RBC_L2_file_handling/
testoutput2.Test_Read_AUX_RBC_L2_file.expected
drwxr-xr-x kloedej/afd_rds 0 2022-05-31 14:10 Test/AUX_RDB_1B_file_handling/
-rw-r--r-- kloedej/afd_rds 4803 2022-05-31 14:02 Test/AUX_RDB_1B_file_handling/
testoutput11.Test_Read_AUX_RDB_1B_file.expected
drwxr-xr-x kloedej/afd_rds 0 2022-01-06 09:06 Test/AUX_TEL_12_file_handling/
-rw-r--r-- kloedej/afd_rds 7912 2021-12-14 20:18 Test/AUX_TEL_12_file_handling/
testoutput11.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8077 2021-12-14 20:18 Test/AUX_TEL_12_file_handling/
testoutput12.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8162 2021-12-14 20:17 Test/AUX_TEL_12_file_handling/
testoutput13.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8785 2022-01-04 17:04 Test/AUX_TEL_12_file_handling/
testoutput14a.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8390 2022-01-04 17:05 Test/AUX_TEL_12_file_handling/
testoutput14b.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 9365 2022-01-04 17:06 Test/AUX_TEL_12_file_handling/
testoutput14c.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8166 2022-01-06 09:06 Test/AUX_TEL_12_file_handling/
testoutput14d.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 7973 2021-12-14 20:19 Test/AUX_TEL_12_file_handling/
testoutput11.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8014 2021-12-14 20:19 Test/AUX_TEL_12_file_handling/
testoutput2.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 8034 2021-12-14 20:19 Test/AUX_TEL_12_file_handling/
testoutput3.Test_Read_AUX_TEL_12_file.expected
-rw-r--r-- kloedej/afd_rds 9143 2021-12-14 20:12 Test/AUX_TEL_12_file_handling/
testoutput4.Test_Read_AUX_TEL_12_file.expected
drwxr-xr-x kloedej/afd_rds 0 2020-07-01 16:27 Test/BUFR_file_handling/
-rw-r--r-- kloedej/afd_rds 4260 2022-11-07 16:39 Test/BUFR_file_handling/JobOrder.regexp_test_l2b_ee2-
bufr.xml
-rw-r--r-- kloedej/afd_rds 3502 2022-11-07 16:40 Test/BUFR_file_handling/
JobOrder.test_l2b_ee2bufr_G.xml
-rw-r--r-- kloedej/afd_rds 3504 2022-11-07 16:40 Test/BUFR_file_handling/
JobOrder.test_l2b_ee2bufr_H.xml
-rw-r--r-- kloedej/afd_rds 4380 2022-11-07 16:41 Test/BUFR_file_handling/JobOrder.test_l2b_ee2bufr.xml
-rw-r--r-- kloedej/afd_rds 4413 2020-02-12 14:13 Test/BUFR_file_handling/stdout_61.TestBufrWrapper.ex-
pected
-rw-r--r-- kloedej/afd_rds 0 2020-02-12 14:13 Test/BUFR_file_handling/stdout_D.L2B_bufr2ascii.expec-
ted
-rw-r--r-- kloedej/afd_rds 0 2020-02-12 14:13 Test/BUFR_file_handling/stdout_D.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-02-12 14:13 Test/BUFR_file_handling/stdout_E.L2B_bufr2ascii.expec-
ted
-rw-r--r-- kloedej/afd_rds 0 2020-02-12 14:13 Test/BUFR_file_handling/stdout_E.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-02-12 14:13 Test/BUFR_file_handling/stdout_F.L2B_bufr2ascii.expec-
ted
-rw-r--r-- kloedej/afd_rds 0 2020-02-12 14:13 Test/BUFR_file_handling/stdout_F.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 16:22 Test/BUFR_file_handling/stdout_G.L2B_bufr2ascii.expec-
ted
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 16:21 Test/BUFR_file_handling/stdout_G.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 15:03 Test/BUFR_file_handling/stdout_G_UB_check1.L2B_ee2bu-
fr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 17:20 Test/BUFR_file_handling/stdout_G_UB_CHECK2.L2B_bu-
fr2ascii.expected
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 15:06 Test/BUFR_file_handling/stdout_G_UB_check2.L2B_ee2bu-
fr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 15:06 Test/BUFR_file_handling/stdout_G_UB_check3.L2B_ee2bu-
fr.expected
-rw-r--r-- kloedej/afd_rds 0 2020-05-01 17:20 Test/BUFR_file_handling/stdout_G_UB_CHECK4.L2B_bu-
fr2ascii.expected
```



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-rw-r--r-- kloedej/afd_rds	0	2020-05-01 15:11	Test/BUFR_file_handling/stdout_G_UB_check4.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:40	Test/BUFR_file_handling/stdout_H.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:39	Test/BUFR_file_handling/stdout_H.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:58	Test/BUFR_file_handling/stdout_H_UB_check1.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:52	Test/BUFR_file_handling/stdout_H_UB_CHECK2.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:58	Test/BUFR_file_handling/stdout_H_UB_check2.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:56	Test/BUFR_file_handling/stdout_H_UB_check3.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:50	Test/BUFR_file_handling/stdout_H_UB_CHECK4.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	0	2020-06-03 16:53	Test/BUFR_file_handling/stdout_H_UB_check4.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	6600	2020-02-12 14:13	Test/BUFR_file_handling/Testfile.BUFR
-rw-r--r-- kloedej/afd_rds	12021	2022-12-14 08:57	Test/BUFR_file_handling/testoutput61.TestBufrWrapper.expected
-rw-r--r-- kloedej/afd_rds	593	2020-04-21 11:10	Test/BUFR_file_handling/testoutput_decode_help.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	859	2020-02-12 14:13	Test/BUFR_file_handling/testoutput_decode_wrong.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	695025	2023-01-04 15:05	Test/BUFR_file_handling/testoutput_D.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2459	2023-01-04 15:04	Test/BUFR_file_handling/testoutput_D.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	675	2020-04-21 17:46	Test/BUFR_file_handling/testoutput_D_UB1.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	695025	2023-01-04 15:06	Test/BUFR_file_handling/testoutput_E.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2609	2023-01-04 15:06	Test/BUFR_file_handling/testoutput_E.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	1480	2021-07-20 13:20	Test/BUFR_file_handling/testoutput_encode_help.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	563	2020-02-12 14:13	Test/BUFR_file_handling/testoutput_encode_wrong.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	2104347	2023-01-04 15:07	Test/BUFR_file_handling/testoutput_F.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2459	2023-01-04 15:06	Test/BUFR_file_handling/testoutput_F.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	3404045	2023-01-03 11:00	Test/BUFR_file_handling/testoutput_G.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2465	2023-01-03 11:00	Test/BUFR_file_handling/testoutput_G.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	677	2020-05-01 16:42	Test/BUFR_file_handling/testoutput_G_UB_check1.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	3404040	2023-01-03 11:02	Test/BUFR_file_handling/testoutput_G_UB_check2.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2465	2023-01-03 11:02	Test/BUFR_file_handling/testoutput_G_UB_check2.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	671	2020-05-01 16:43	Test/BUFR_file_handling/testoutput_G_UB_check3.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	3404045	2023-01-03 11:03	Test/BUFR_file_handling/testoutput_G_UB_check4.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2465	2023-01-03 11:02	Test/BUFR_file_handling/testoutput_G_UB_check4.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	3404031	2023-01-03 11:01	Test/BUFR_file_handling/testoutput_H.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2465	2023-01-03 11:01	Test/BUFR_file_handling/testoutput_H.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	677	2020-06-03 17:01	Test/BUFR_file_handling/testoutput_H_UB_check1.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	3404069	2023-01-03 11:04	Test/BUFR_file_handling/testoutput_H_UB_check2.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2465	2023-01-03 11:03	Test/BUFR_file_handling/testoutput_H_UB_check2.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	671	2020-06-03 16:57	Test/BUFR_file_handling/testoutput_H_UB_check3.L2B_ee2bufr.expected
-rw-r--r-- kloedej/afd_rds	3404032	2023-01-03 11:05	Test/BUFR_file_handling/testoutput_H_UB_check4.L2B_buf2ascii.expected
-rw-r--r-- kloedej/afd_rds	2465	2023-01-03 11:04	Test/BUFR_file_handling/testoutput_H_UB_check4.L2B_ee2bufr.expected
drwxr-xr-x kloedej/afd_rds	0	2020-06-23 14:44	Test/Classification/
-rw-r--r-- kloedej/afd_rds	859	2020-02-12 14:13	Test/Classification/testoutput.TestClassification.dont.expected
-rw-r--r-- kloedej/afd_rds	871	2020-06-23 13:36	Test/Classification/testoutput.TestClassification.extinction.expected
-rw-r--r-- kloedej/afd_rds	863	2020-02-12 14:13	Test/Classification/testoutput.TestClassification.noclouds.expected
-rw-r--r-- kloedej/afd_rds	708	2020-06-23 13:35	Test/Classification/testoutput.TestClassification.no_inputs.expected
-rw-r--r-- kloedej/afd_rds	875	2021-10-22 11:25	Test/Classification/testoutput.TestClassification.optprop.expected

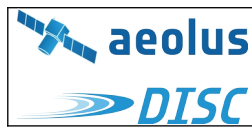




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-rw-r--r-- kloedej/afd_rds	870	2020-06-23	13:36	Test/Classification/testoutput.TestClassification.sca-
ratio.expected				
-rw-r--r-- kloedej/afd_rds	864	2020-06-23	14:44	Test/Classification/testoutput.TestClassificati-
on.snr.expected				
-rw-r--r-- kloedej/afd_rds	683	2020-06-23	13:33	Test/Classification/testoutput.TestClassificati-
on.wrong_input.expected				
-rw-r--r-- kloedej/afd_rds	2666	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.mie_0.expected				
-rw-r--r-- kloedej/afd_rds	5556	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.mie_1.expected				
-rw-r--r-- kloedej/afd_rds	7785	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.mie_2.expected				
-rw-r--r-- kloedej/afd_rds	9344	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.mie_3.expected				
-rw-r--r-- kloedej/afd_rds	3605	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.mie_profileindexoverflow.expected				
-rw-r--r-- kloedej/afd_rds	2738	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.mie_windindexoverflow.expected				
-rw-r--r-- kloedej/afd_rds	705	2020-02-12	14:13	Test/Classification/testoutput.TestConstructObs.no_in-
puts.expected				
-rw-r--r-- kloedej/afd_rds	2686	2020-02-12	14:13	Test/Classification/testoutput.TestConstruc-
tObs.rayleigh_0.expected				
-rw-r--r-- kloedej/afd_rds	5786	2020-02-12	14:13	Test/Classification/testoutput.TestConstruc-
tObs.rayleigh_1.expected				
-rw-r--r-- kloedej/afd_rds	8175	2020-02-12	14:13	Test/Classification/testoutput.TestConstruc-
tObs.rayleigh_2.expected				
-rw-r--r-- kloedej/afd_rds	9844	2020-02-12	14:13	Test/Classification/testoutput.TestConstruc-
tObs.rayleigh_3.expected				
-rw-r--r-- kloedej/afd_rds	3785	2020-02-12	14:13	Test/Classification/testoutput.TestConstruc-
tObs.rayleigh_profileindexoverflow.expected				
-rw-r--r-- kloedej/afd_rds	2858	2020-02-12	14:13	Test/Classification/testoutput.TestConstruc-
tObs.rayleigh_windindexoverflow.expected				
-rw-r--r-- kloedej/afd_rds	705	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.wrong_input1.expected				
-rw-r--r-- kloedej/afd_rds	684	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.wrong_input2.expected				
-rw-r--r-- kloedej/afd_rds	687	2020-02-12	14:13	Test/Classification/
testoutput.TestConstructObs.wrong_input3.expected				
drwxr-xr-x kloedej/afd_rds	0	2022-05-11	13:42	Test/DataStructures/
-rw-r--r-- kloedej/afd_rds	5	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2B_DataStructure
-rw-r--r-- kloedej/afd_rds	5	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2B_DS_Settings
-rw-r--r-- kloedej/afd_rds	16	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2B_Proc_Settings
-rw-r--r-- kloedej/afd_rds	5	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2B_SPH
-rw-r--r-- kloedej/afd_rds	5	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2C_DataStructure
-rw-r--r-- kloedej/afd_rds	5	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2C_DS_Settings
-rw-r--r-- kloedej/afd_rds	5	2020-02-12	14:13	Test/DataStructures/testinput.Test_L2C_SPH
-rw-r--r-- kloedej/afd_rds	418	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AMD_DataStructu-
re.expected				
-rw-r--r-- kloedej/afd_rds	555	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AMD_Geoloc_ADS.ex-
pected				
-rw-r--r-- kloedej/afd_rds	3114	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AMD_Met_MDS.expec-
ted				
-rw-r--r-- kloedej/afd_rds	9433	2022-06-27	18:24	Test/DataStructures/testoutput.Test_AuxCal_DataStruc-
ture.expected				
-rw-r--r-- kloedej/afd_rds	1451	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AuxCal_SPH.expec-
ted				
-rw-r--r-- kloedej/afd_rds	289081	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AuxClim_DataStruc-
ture.expected				
-rw-r--r-- kloedej/afd_rds	685	2021-09-14	13:41	Test/DataStructures/testoutput.Test_AuxClim_SPH.expec-
ted				
-rw-r--r-- kloedej/afd_rds	1045	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AUX_HBE_DataStruc-
ture.expected				
-rw-r--r-- kloedej/afd_rds	574	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AUX_HBE_SPH.expec-
ted				
-rw-r--r-- kloedej/afd_rds	6167	2021-01-20	13:53	Test/DataStructures/testoutput.Test_AUX_MRC_DataStruc-
ture.expected				
-rw-r--r-- kloedej/afd_rds	2190	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AUX_MRC_SPH.expec-
ted				
-rw-r--r-- kloedej/afd_rds	1143	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AUX_RDB_DataStruc-
ture.expected				
-rw-r--r-- kloedej/afd_rds	574	2020-02-12	14:13	Test/DataStructures/testoutput.Test_AUX_RDB_SPH.expec-
ted				
-rw-r--r-- kloedej/afd_rds	6441	2021-12-16	10:32	Test/DataStructures/testoutput.Test_AUX_TEL_DataStruc-
ture.expected				
-rw-r--r-- kloedej/afd_rds	1169	2021-07-08	12:28	Test/DataStructures/testoutput.Test_AUX_TEL_SPH.expec-
ted				
-rw-r--r-- kloedej/afd_rds	1601	2020-02-12	14:13	Test/DataStructures/testoutput.Test_DataSetDescrip-
tor.expected				
-rw-r--r-- kloedej/afd_rds	4274	2020-02-12	14:13	Test/DataStructures/testoutput.Test_EE_CFI_Datatypes.-
expected				
-rw-r--r-- kloedej/afd_rds	1090	2020-02-12	14:13	Test/DataStructures/testoutput.Test_FixedHeader.expec-
ted				
-rw-r--r-- kloedej/afd_rds	1473	2020-02-12	14:13	Test/DataStructures/testoutput.Test_JobOrder_Data-
Structure.expected				
-rw-r--r-- kloedej/afd_rds	20431	2022-05-27	14:23	Test/DataStructures/testoutput.Test_L1B_Cal_ADS.expec-
ted				



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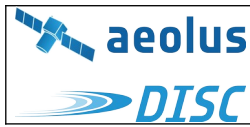
-rw-r--r-- kloedej/afd_rdsware.expected	48851	2022-06-27	18:23	Test/DataStructures/testoutput.Test_L1B_DataStructu
-rw-r--r-- kloedej/afd_rdsware.expected	11862	2022-04-11	17:18	Test/DataStructures/testoutput.Test_L1B_Geoloc_ADS.ex
-rw-r--r-- kloedej/afd_rdsware.expected	15241	2022-06-27	18:23	Test/DataStructures/testoutput.Test_L1B_GWD_ADS.expec
-rw-r--r-- kloedej/afd_rdsware.expected	4555	2022-05-27	14:22	Test/DataStructures/testoutput.Test_L1B_Meas_ADS.ex
-rw-r--r-- kloedej/afd_rdsware.expected	2361	2020-02-12	14:13	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	27589	2022-06-15	13:52	Test/DataStructures/testoutput.Test_L1B_PCD_ADS.expec
-rw-r--r-- kloedej/afd_rdsware.expected	3315	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L1B_SPH.expected
-rw-r--r-- kloedej/afd_rdsware.expected	2810	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L1B_US_MDS.expec
-rw-r--r-- kloedej/afd_rdsware.expected	4015	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L1B_WV_MDS.expec
-rw-r--r-- kloedej/afd_rdsware.expected	1219	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_AMD_PCD_ADS.-
-rw-r--r-- kloedej/afd_rdsware.expected	10810	2021-09-14	13:40	Test/DataStructures/testoutput.Test_L2B_AMD_SPH.expec
-rw-r--r-- kloedej/afd_rdsware.expected	56958	2022-12-02	15:12	Test/DataStructures/testoutput.Test_L2B_AuxPar_Data-
-rw-r--r-- kloedej/afd_rdsware.expected	588	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_AuxPar_SPH.ex
-rw-r--r-- kloedej/afd_rdsware.expected	1568	2020-02-12	14:13	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	438	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_DataStructu-
-rw-r--r-- kloedej/afd_rdsware.expected	407	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_DS_Settings.-
-rw-r--r-- kloedej/afd_rdsware.expected	5361	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_Geoloc_ADS.ex
-rw-r--r-- kloedej/afd_rdsware.expected	5812	2022-01-07	14:57	Test/DataStructures/testoutput.Test_L2B_Meas_Map_ADS.-
-rw-r--r-- kloedej/afd_rdsware.expected	14160	2022-05-03	17:12	Test/DataStructures/testoutput.Test_L2B_Meas_PCD_ADS.-
-rw-r--r-- kloedej/afd_rdsware.expected	2589	2021-07-02	11:37	Test/DataStructures/testoutput.Test_L2B_Mie_MDS.expec
-rw-r--r-- kloedej/afd_rdsware.expected	4906	2022-05-13	15:48	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	713	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_Parameters.ex
-rw-r--r-- kloedej/afd_rdsware.expected	56910	2022-12-02	15:10	Test/DataStructures/testoutput.Test_L2B_Proc_Set-
-rw-r--r-- kloedej/afd_rdsware.expected	3972	2021-07-16	10:43	Test/DataStructures/testoutput.Test_L2B_Rayleigh_MDS.-
-rw-r--r-- kloedej/afd_rdsware.expected	3996	2022-12-02	15:11	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	86493	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2B_SPH.expected
-rw-r--r-- kloedej/afd_rdsware.expected	4538	2023-01-26	14:03	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	438	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2C_DataStructu-
-rw-r--r-- kloedej/afd_rdsware.expected	407	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2C_DS_Settings.-
-rw-r--r-- kloedej/afd_rdsware.expected	5558	2020-02-12	14:13	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	972	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2C_MieVec_MDS.ex
-rw-r--r-- kloedej/afd_rdsware.expected	5984	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2C_Rayleigh_As-
-rw-r--r-- kloedej/afd_rdsware.expected	925	2020-02-12	14:13	Test/DataStructures/
-rw-r--r-- kloedej/afd_rdsware.expected	91023	2020-02-12	14:13	Test/DataStructures/testoutput.Test_L2C_SPH.expected
-rw-r--r-- kloedej/afd_rdsware.expected	2000	2020-02-12	14:13	Test/DataStructures/testoutput.Test_MainProductHea-
-rw-r--r-- kloedej/afd_rdsware.expected	10020	2020-07-10	12:13	Test/DataStructures/testoutput.Test_RBC_DataStructu-
-rw-r--r-- kloedej/afd_rdsware.expected	1830	2021-09-14	13:41	Test/DataStructures/testoutput.Test_RBC_SPH.expected
-rw-r--r-- kloedej/afd_rdsware.expected	453	2020-02-12	14:13	Test/DataStructures/testoutput.Test_Virtual_DAS.expec
-rw-r--r-- kloedej/afd_rdsware.expected	442631	2022-12-02	15:13	Test/DataStructures/testoutput.Test_Working_Datastruc-
drwxr-xr-x kloedej/afd_rdsware.expected	0	2022-06-28	12:14	Test/DirectBinaryIO/
-rw-r--r-- kloedej/afd_rdsware.expected	170	2020-02-12	14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.AIX_f90
-rw-r--r-- kloedej/afd_rdsware.expected	170	2020-02-12	14:13	Test/DirectBinaryIO/
SomeNumbers.bin.expected.DARWIN_gfortran	0	2020-02-12	14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.HP-UX_f90
-> SomeNumbers.bin.expected.AIX_f90	0	2022-06-28	12:14	Test/DirectBinaryIO/
SomeNumbers.bin.expected.LINUX_flgang -> SomeNumbers.bin.expected.LINUX_pg90	0	2020-02-12	14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_ftn
SomeNumbers.bin.expected.LINUX_pg90	0	2020-02-12	14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_g95
SomeNumbers.bin.expected.LINUX_pg90	0	2020-02-12	14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_g95



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lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_gfortran -> SomeNumbers.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_ifort -> SomeNumbers.bin.expected.LINUX_pg90
-rw-r--r-- kloedej/afd_rds	170	2020-02-12 14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.LINUX_sxf90 -> SomeNumbers.bin.expected.AIX_f90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.SUNOS_f90 -> SomeNumbers.bin.expected.AIX_f90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/SomeNumbers.bin.expected.SUPER-UX_sxf90 -> SomeNumbers.bin.expected.AIX_f90
-rw-r--r-- kloedej/afd_rds	174	2020-02-12 14:13	Test/DirectBinaryIO/test_file.bin.expected
-rw-r--r-- kloedej/afd_rds	1535	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestBuffering.expected
-rw-r--r-- kloedej/afd_rds	1342	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestDirectBinaryIO.expected
-rw-r--r-- kloedej/afd_rds	1785	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.AIX_f90
-rw-r--r-- kloedej/afd_rds	2193	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.DARWIN_gfortran
-rw-r--r-- kloedej/afd_rds	2193	2022-06-28 12:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_flang
-rw-r--r-- kloedej/afd_rds	1807	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_ftn
-rw-r--r-- kloedej/afd_rds	1791	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_g95
-rw-r--r-- kloedej/afd_rds	2193	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_gfortran
-rw-r--r-- kloedej/afd_rds	2200	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_ifort
-rw-r--r-- kloedej/afd_rds	2255	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_pg90
-rw-r--r-- kloedej/afd_rds	2136	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.LINUX_sxf90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.SUNOS_f90 -> ../Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.AIX_f90
-rw-r--r-- kloedej/afd_rds	1826	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.TestUnformattedIO.expected.SUPER-UX_sxf90
-rw-r--r-- kloedej/afd_rds	746	2020-02-12 14:13	Test/DirectBinaryIO/testoutput.WriteSomeNumbers.expected
-rw-r--r-- kloedej/afd_rds	20	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.AIX_f90
-rw-r--r-- kloedej/afd_rds	20	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.DARWIN_gfortran
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.HP-UX_f90 -> uf.bin.expected.AIX_f90
lrwxrwxrwx kloedej/afd_rds	0	2022-06-28 12:12	Test/DirectBinaryIO/uf.bin.expected.LINUX_flang -> uf.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.LINUX_ftn -> uf.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.LINUX_g95 -> uf.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.LINUX_gfortran -> uf.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.LINUX_ifort -> uf.bin.expected.LINUX_pg90
-rw-r--r-- kloedej/afd_rds	20	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.LINUX_pg90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.LINUX_sxf90 -> uf.bin.expected.AIX_f90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.SUNOS_f90 -> uf.bin.expected.AIX_f90
lrwxrwxrwx kloedej/afd_rds	0	2020-02-12 14:13	Test/DirectBinaryIO/uf.bin.expected.SUPER-UX_sxf90 -> uf.bin.expected.AIX_f90
drwx----- kloedej/afd_rds	0	2022-10-28 11:56	Test/EE_CFI_wrapper_module/simple_testdata_written2.xml.expected
-rw-r--r-- kloedej/afd_rds	1711	2020-02-12 14:13	Test/EE_CFI_wrapper_module/simple_testdata_written2.xml.expected
-rw-r--r-- kloedej/afd_rds	1550	2020-02-12 14:13	Test/EE_CFI_wrapper_module/simple_testdata_written.xml.expected
lrwxrwxrwx kloedej/afd_rds	0	2022-10-28 11:56	Test/EE_CFI_wrapper_module/simple_testdata.xml -> ../Simple_XML/simple_testdata.xml
-rw-r--r-- kloedej/afd_rds	3169	2020-02-12 14:13	Test/EE_CFI_wrapper_module/testoutput.simple_read_test.expected
-rw-r--r-- kloedej/afd_rds	948	2020-02-12 14:13	Test/EE_CFI_wrapper_module/testoutput.simple_write_test.expected
-rw-r--r-- kloedej/afd_rds	4021	2022-01-06 11:01	Test/EE_CFI_wrapper_module/testoutput.test_ee_xml.expected
-rw-r--r-- kloedej/afd_rds	1189	2020-02-12 14:13	Test/EE_CFI_wrapper_module/test.xml.expected
drwxr-xr-x kloedej/afd_rds	0	2022-11-30 17:20	Test/HLOS_retrieval/val.wrong_cmdline_input.expected
-rw-r--r-- kloedej/afd_rds	273	2020-02-12 14:13	Test/HLOS_retrieval/testoutput1.Test_HLOS_Retrieval
-rw-r--r-- kloedej/afd_rds	33260	2020-02-12 14:13	Test/HLOS_retrieval/testoutput2.Test_HLOS_Retrieval.v-cog.expected
-rw-r--r-- kloedej/afd_rds	1082	2023-01-26 14:49	Test/HLOS_retrieval/testoutput3.Test_HLOS_Retrieval.raygndcorr.expected
-rw-r--r-- kloedej/afd_rds	854	2020-07-20 15:04	Test/HLOS_retrieval/testoutput4.Test_HLOS_Retrieval.miegndcorr.expected
-rw----- kloedej/afd_rds	1248	2022-11-22 13:11	Test/HLOS_retrieval/testoutput51.Test_HLOS_Retrieval.lldt_test.expected




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-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:12	Test/HLOS_retrieval/testoutput52.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	817	2022-11-22	11:32	Test/HLOS_retrieval/testoutput53.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	835	2022-11-30	17:20	Test/HLOS_retrieval/testoutput54.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:13	Test/HLOS_retrieval/testoutput55.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:13	Test/HLOS_retrieval/testoutput56.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:14	Test/HLOS_retrieval/testoutput57.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:14	Test/HLOS_retrieval/testoutput58.Test_HLOS_Retrieval.lldt_test.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:15	Test/HLOS_retrieval/testoutput59.Test_HLOS_Retrieval.lldt_test.expected
-rw-r--r-- kloedej/afd_rdsval.raylproc.expected	109136	2022-12-05	12:13	Test/HLOS_retrieval/testoutput5.Test_HLOS_Retrieval.raylproc.expected
-rw----- kloedej/afd_rdsval.lldt_test.expected	1248	2022-11-22	13:19	Test/HLOS_retrieval/testoutput60.Test_HLOS_Retrieval.lldt_test.expected
-rw-r--r-- kloedej/afd_rdsval.mieproc.expected	113903	2022-11-22	13:27	Test/HLOS_retrieval/testoutput6.Test_HLOS_Retrieval.mieproc.expected
-rw-r--r-- kloedej/afd_rdsval.calcreponsecorr.expected	795	2022-06-09	12:12	Test/HLOS_retrieval/testoutput7.Test_HLOS_Retrieval.calcreponsecorr.expected
drwxr-xr-x kloedej/afd_rdsval	0	2020-05-01	11:34	Test/InputScreening/
-rw----- kloedej/afd_rdsval	45382	2022-12-12	13:07	Test/InputScreening/
AE_TEST_AUX_PAR_2B_20060707T000000_20111231T000000_0000.EEF				
-rw-r--r-- kloedej/afd_rdsval	10428	2020-02-12	14:13	Test/InputScreening/testoutput.Test_Screening_Checks.expected
-rw-r--r-- kloedej/afd_rdsval	405	2023-01-04	14:46	Test/InputScreening/testoutput.Test_Screening_L1B_Data.expected
-rw-r--r-- kloedej/afd_rdsval	7970	2022-08-09	15:43	Test/InputScreening/testoutput.Test_Screening_RBC_Data.expected
drwxr-xr-x kloedej/afd_rdsval	0	2020-02-12	14:13	Test/KVT_module/
-rw-r--r-- kloedej/afd_rdsval	107	2020-02-12	14:13	Test/KVT_module/kvt_test_file.bin.expected
-rw-r--r-- kloedej/afd_rdsval	713	2020-02-12	14:13	Test/KVT_module/testoutput.TestKVT_module.expected
drwxr-xr-x kloedej/afd_rdsval	0	2021-05-14	14:36	Test/L1B_file_handling/
-rw-r--r-- kloedej/afd_rdsval	5162377	2023-01-04	15:29	Test/L1B_file_handling/
AE_TEST_ALD_U_N_1B_20110406T121821000_000123999_999999_0001.TXT.expected				
-rw-r--r-- kloedej/afd_rdsval	23590542	2023-01-04	14:47	Test/L1B_file_handling/
AE_TEST_ALD_U_N_1B_20181001T010700059_000468000_000621_0001.TXT.expected				
-rw-r--r-- kloedej/afd_rdsval	9196	2022-07-07	19:54	Test/L1B_file_handling/
testoutput_A.Test_Read_ALD_U_N_1B_file.expected				
-rw-r--r-- kloedej/afd_rdsval	9886	2020-02-12	14:13	Test/L1B_file_handling/
testoutput_AW1.Write_ALD_U_N_1B_Text_Product.expected				
-rw-r--r-- kloedej/afd_rdsval	9196	2022-07-07	19:54	Test/L1B_file_handling/
testoutput_B.Test_Read_ALD_U_N_1B_file.expected				
-rw-r--r-- kloedej/afd_rdsval	937374	2022-07-07	19:55	Test/L1B_file_handling/
testoutput_C.Test_Read_ALD_U_N_1B_file.expected				
-rw-r--r-- kloedej/afd_rdsval	12842	2022-07-07	19:56	Test/L1B_file_handling/
testoutput_D1.Write_ALD_U_N_1B_Text_Product.expected				
-rw-r--r-- kloedej/afd_rdsval	1135	2021-05-14	14:40	Test/L1B_file_handling/
testoutput_nf.Test_Read_ALD_U_N_1B_file.expected				
-rw-r--r-- kloedej/afd_rdsval	16052	2022-07-07	19:55	Test/L1B_file_handling/
testoutput_R1.Test_Read_ALD_U_N_1B_file.expected				
-rw-r--r-- kloedej/afd_rdsval	40136	2022-07-07	19:55	Test/L1B_file_handling/
testoutput_R2.Test_Read_ALD_U_N_1B_file.expected				
-rw-r--r-- kloedej/afd_rdsval	121655	2022-07-07	19:57	Test/L1B_file_handling/testoutput_RW1.TestReadAndWriteL1Bdata.expected
-rw-r--r-- kloedej/afd_rdsval	12842	2022-07-07	19:58	Test/L1B_file_handling/
testoutput_RW2.Write_ALD_U_N_1B_Text_Product.expected				
-rw-r--r-- kloedej/afd_rdsval	7412	2022-06-15	13:57	Test/L1B_file_handling/testoutput_WR.TestWriteL1Bdata.expected
drwxr-xr-x kloedej/afd_rdsval	0	2020-02-12	14:13	Test/L1B_geolocation_extraction/
-rw-r--r-- kloedej/afd_rdsval	2013	2020-02-12	14:13	Test/L1B_geolocation_extraction/NWPmetaData.body.expected
-rw-r--r-- kloedej/afd_rdsval	2293	2021-12-28	12:28	Test/L1B_geolocation_extraction/NWPmetaData.hdr.expected
-rw-r--r-- kloedej/afd_rdsval	396	2020-02-12	14:13	Test/L1B_geolocation_extraction/
testoutput_1.Extract_Geolocation.expected				
-rw-r--r-- kloedej/afd_rdsval	476	2020-02-12	14:13	Test/L1B_geolocation_extraction/
testoutput_2.Extract_Geolocation.expected				
-rw-r--r-- kloedej/afd_rdsval	12670	2022-07-07	19:58	Test/L1B_geolocation_extraction/
testoutput_3.Extract_Geolocation.expected				
drwxr-xr-x kloedej/afd_rdsval	0	2022-04-01	11:39	Test/L2BC_file_handling/
-rw-r--r-- kloedej/afd_rdsval	987874	2023-01-26	14:04	Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2B_20010312T123456_20010312T123700_0002.TXT.expected				
-rw-r--r-- kloedej/afd_rdsval	874063	2022-12-08	18:09	Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2B_20010312T123456_20010312T123700_0003.TXT.expected				
-rw-r--r-- kloedej/afd_rdsval	102054	2022-12-08	18:09	Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2B_20010312T123456_20010312T123700_0004.TXT.expected				
-rw-r--r-- kloedej/afd_rdsval	108966	2022-12-08	18:10	Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2B_20010312T123456_20010312T123700_0005.TXT.expected				
-rw-r--r-- kloedej/afd_rdsval	1024290	2023-01-26	14:05	Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2C_20010312T123456_20010312T123700_0002.TXT.expected				

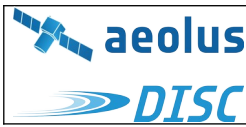


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-rw-r--r-- kloedej/afd_rds 883192 2022-12-08 18:10 Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2C_20010312T123456_20010312T123700_0003.TXT.expected
-rw-r--r-- kloedej/afd_rds 111183 2022-12-08 18:11 Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2C_20010312T123456_20010312T123700_0004.TXT.expected
-rw-r--r-- kloedej/afd_rds 112959 2022-12-08 18:11 Test/L2BC_file_handling/
AE_TEST_ALD_U_N_2C_20010312T123456_20010312T123700_0005.TXT.expected
-rw-r--r-- kloedej/afd_rds 5972 2020-02-12 14:13 Test/L2BC_file_handling/testoutput1_E.TestWriteL2Bda-
ta.expected
-rw-r--r-- kloedej/afd_rds 7090 2020-02-12 14:13 Test/L2BC_file_handling/testoutput1_E.TestWriteL2Cda-
ta.expected
-rw-r--r-- kloedej/afd_rds 178796 2022-12-05 12:25 Test/L2BC_file_handling/testoutput1_L.TestWriteL2Bda-
ta.expected
-rw-r--r-- kloedej/afd_rds 216674 2022-12-05 12:27 Test/L2BC_file_handling/testoutput1_L.TestWriteL2Cda-
ta.expected
-rw-r--r-- kloedej/afd_rds 42469 2022-12-05 12:22 Test/L2BC_file_handling/testoutput1.TestWriteL2Bdata.-
expected
-rw-r--r-- kloedej/afd_rds 46441 2022-12-05 12:26 Test/L2BC_file_handling/testoutput1.TestWriteL2Cdata.-
expected
-rw-r--r-- kloedej/afd_rds 10699 2022-01-14 09:02 Test/L2BC_file_handling/testoutput1_Z.TestWriteL2Bda-
ta.expected
-rw-r--r-- kloedej/afd_rds 11817 2022-01-14 09:06 Test/L2BC_file_handling/testoutput1_Z.TestWriteL2Cda-
ta.expected
-rw-r--r-- kloedej/afd_rds 9469 2020-07-10 10:13 Test/L2BC_file_handling/
testoutput2_E.Test_Read_ALD_U_N_2B_file.expected
-rw-r--r-- kloedej/afd_rds 11326 2020-07-10 10:16 Test/L2BC_file_handling/
testoutput2_E.Test_Read_ALD_U_N_2C_file.expected
-rw-r--r-- kloedej/afd_rds 147160 2020-07-10 10:14 Test/L2BC_file_handling/
testoutput2_L.Test_Read_ALD_U_N_2B_file.expected
-rw-r--r-- kloedej/afd_rds 180463 2020-07-10 10:17 Test/L2BC_file_handling/
testoutput2_L.Test_Read_ALD_U_N_2C_file.expected
-rw-r--r-- kloedej/afd_rds 19918 2020-07-10 10:12 Test/L2BC_file_handling/
testoutput2.Test_Read_ALD_U_N_2B_file.expected
-rw-r--r-- kloedej/afd_rds 24189 2020-07-10 10:15 Test/L2BC_file_handling/
testoutput2.Test_Read_ALD_U_N_2C_file.expected
-rw-r--r-- kloedej/afd_rds 14658 2020-07-10 10:12 Test/L2BC_file_handling/
testoutput2_Z.Test_Read_ALD_U_N_2B_file.expected
-rw-r--r-- kloedej/afd_rds 16515 2020-07-10 10:15 Test/L2BC_file_handling/
testoutput2_Z.Test_Read_ALD_U_N_2C_file.expected
-rw-r--r-- kloedej/afd_rds 9473 2020-07-10 10:13 Test/L2BC_file_handling/
testoutput3_E.Write_ALD_U_N_2B_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 11330 2020-07-10 10:16 Test/L2BC_file_handling/
testoutput3_E.Write_ALD_U_N_2C_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 29355 2020-07-10 10:14 Test/L2BC_file_handling/
testoutput3_L.Write_ALD_U_N_2B_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 30326 2020-07-10 10:17 Test/L2BC_file_handling/
testoutput3_L.Write_ALD_U_N_2C_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 19922 2020-07-10 10:12 Test/L2BC_file_handling/
testoutput3.Write_ALD_U_N_2B_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 24193 2020-07-10 10:15 Test/L2BC_file_handling/
testoutput3.Write_ALD_U_N_2C_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 14662 2020-07-10 10:13 Test/L2BC_file_handling/
testoutput3_Z.Write_ALD_U_N_2B_Text_Product.expected
-rw-r--r-- kloedej/afd_rds 16519 2020-07-10 10:16 Test/L2BC_file_handling/
testoutput3_Z.Write_ALD_U_N_2C_Text_Product.expected
drwxr-xr-x kloedej/afd_rds 0 2020-02-12 14:13 Test/L2B_WindResultExtraction/
-rw-r--r-- kloedej/afd_rds 69474 2023-01-04 15:08 Test/L2B_WindResultExtraction/testoutput1.TestWindRe-
sultExtraction.expected
drwxr-xr-x kloedej/afd_rds 0 2022-10-28 11:57 Test/L2C_construction/
-rw-r--r-- kloedej/afd_rds 227846 2023-01-26 14:06 Test/L2C_construction/
AE_RPRO_ALD_U_N_2C_20190101T055302_20190101T060302_0001.TXT.expected
lrwxrwxrwx kloedej/afd_rds 0 2022-10-28 11:57 Test/L2C_construction/note.txt -> ../../Input_Data/
l2b_current_version_reference_results/note.txt
-rw-r--r-- kloedej/afd_rds 5152835 2020-02-12 14:13 Test/L2C_construction/odbcontents.txt
-rw-r--r-- kloedej/afd_rds 6416408 2023-01-03 10:42 Test/L2C_construction/testoutput.Dummy_L2C_Processor.-
expected
-rw-r--r-- kloedej/afd_rds 3292 2023-01-03 10:41 Test/L2C_construction/testoutput.L2C_Processor.expec-
ted
-rw-r--r-- kloedej/afd_rds 5534096 2023-01-03 10:42 Test/L2C_construction/
testoutput.Write_ALD_U_N_2C_Text_Product.expected
drwx----- kloedej/afd_rds 0 2022-12-05 13:33 Test/Main/
-rw-r--r-- kloedej/afd_rds 17497226 2023-01-26 14:08 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T010700_20181001T010812_0001.TXT.test105.expected
-rw-r--r-- kloedej/afd_rds 17292815 2023-01-26 14:10 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T010700_20181001T010812_0001.TXT.test107.expected
lrwxrwxrwx kloedej/afd_rds 0 2022-10-26 15:23 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T010700_20181001T010812_0001.TXT.test107q.expected ->
AE_TEST_ALD_U_N_2B_20181001T010700_20181001T010812_0001.TXT.test107.expected
-rw-r--r-- kloedej/afd_rds 17329135 2023-01-26 14:10 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T010700_20181001T010812_0001.TXT.test108.expected
-rw-r--r-- kloedej/afd_rds 17299712 2023-01-26 14:11 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T010700_20181001T010812_0001.TXT.test110.expected
-rw-r--r-- kloedej/afd_rds 18954538 2023-01-03 14:28 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T090314_20181001T090426_0001.TXT.test151.expected
-rw-r--r-- kloedej/afd_rds 23609546 2023-01-26 14:08 Test/Main/
AE_TEST_ALD_U_N_2B_20181001T213400_20181001T213536_0001.TXT.test103.expected


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-rw-r--r-- kloedej/afd_rds 11517705 2023-01-26 14:08 Test/Main/  
AE_TEST_ALD_U_N_2B_20181002T001000_20181002T001048_0001.TXT.test104.expected  
-rw-r--r-- kloedej/afd_rds 22997657 2023-01-26 14:06 Test/Main/  
AE_TEST_ALD_U_N_2B_20181002T001000_20181002T001136_0001.TXT.test101.expected  
-rw-r--r-- kloedej/afd_rds 24418731 2023-01-26 14:07 Test/Main/  
AE_TEST_ALD_U_N_2B_20181002T001000_20181002T001136_0001.TXT.test102.expected  
-rw-r--r-- kloedej/afd_rds 24418731 2023-01-26 14:11 Test/Main/  
AE_TEST_ALD_U_N_2B_20181002T001000_20181002T001136_0001.TXT.test109.expected  
-rw-r--r-- kloedej/afd_rds 24240937 2023-01-26 14:12 Test/Main/  
AE_TEST_ALD_U_N_2B_20181002T001000_20181002T001136_0001.TXT.test111.expected  
-rw-r--r-- kloedej/afd_rds 23188102 2023-01-26 14:12 Test/Main/  
AE_TEST_ALD_U_N_2B_20181002T001000_20181002T001136_0001.TXT.test112.expected  
-rw-r--r-- kloedej/afd_rds 60749963 2023-01-26 14:12 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test150.expected  
-rw-r--r-- kloedej/afd_rds 61805347 2023-01-26 14:13 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test152.expected  
-rw-r--r-- kloedej/afd_rds 61808811 2023-01-26 14:14 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test153.expected  
-rw-r--r-- kloedej/afd_rds 60757989 2023-01-26 14:15 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test154.expected  
-rw-r--r-- kloedej/afd_rds 60749963 2023-01-26 14:15 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test160.expected  
-rw-r--r-- kloedej/afd_rds 57982502 2023-01-26 14:15 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test161.expected  
-rw-r--r-- kloedej/afd_rds 60749963 2023-01-26 14:16 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test162.expected  
-rw-r--r-- kloedej/afd_rds 60729340 2023-01-26 14:16 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test163.expected  
-rw-r--r-- kloedej/afd_rds 63670381 2023-01-26 14:17 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test170.expected  
-rw-r--r-- kloedej/afd_rds 61239354 2023-01-26 14:18 Test/Main/  
AE_TEST_ALD_U_N_2B_20181007T052602_20181007T053002_0001.TXT.test171.expected  
-rw-r--r-- kloedej/afd_rds 29969692 2023-01-26 14:09 Test/Main/  
AE_TEST_ALD_U_N_2B_20190105T011602_20190105T011802_0001.TXT.test106.expected  
-rw-r--r-- kloedej/afd_rds 23551960 2023-01-26 14:07 Test/Main/  
AE_TEST_ALD_U_N_2C_20181002T001000_20181002T001136_0001.TXT.test101.expected  
-rw-r--r-- kloedej/afd_rds 62316770 2023-01-26 14:13 Test/Main/  
AE_TEST_ALD_U_N_2C_20181007T052602_20181007T053002_0001.TXT.test150.expected  
-rw-r--r-- kloedej/afd_rds 65933903 2023-01-26 14:17 Test/Main/  
AE_TEST_ALD_U_N_2C_20181007T052602_20181007T053002_0001.TXT.test170.expected  
-rw----- kloedej/afd_rds 45237 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0101.EEF  
-rw----- kloedej/afd_rds 45275 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0102.EEF  
-rw----- kloedej/afd_rds 45269 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0103.EEF  
-rw----- kloedej/afd_rds 45261 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0104.EEF  
-rw----- kloedej/afd_rds 45262 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0105.EEF  
-rw----- kloedej/afd_rds 45236 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0106.EEF  
-rw----- kloedej/afd_rds 45264 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0107.EEF  
-rw----- kloedej/afd_rds 45240 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0108.EEF  
-rw----- kloedej/afd_rds 45260 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0109.EEF  
-rw----- kloedej/afd_rds 45238 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0110.EEF  
-rw----- kloedej/afd_rds 45259 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0111.EEF  
-rw----- kloedej/afd_rds 45281 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0112.EEF  
-rw----- kloedej/afd_rds 45240 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0150.EEF  
-rw----- kloedej/afd_rds 45240 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0151.EEF  
-rw----- kloedej/afd_rds 45245 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0152.EEF  
-rw----- kloedej/afd_rds 46038 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0154.EEF  
-rw----- kloedej/afd_rds 45239 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0160.EEF  
-rw----- kloedej/afd_rds 45246 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0161.EEF  
-rw----- kloedej/afd_rds 45236 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0162.EEF  
-rw----- kloedej/afd_rds 60367 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0163.EEF  
-rw----- kloedej/afd_rds 45246 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0170.EEF  
-rw----- kloedej/afd_rds 45259 2022-12-12 13:07 Test/Main/  
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0171.EEF  
-rw-r--r-- kloedej/afd_rds 9950 2022-11-07 16:42 Test/Main/JobOrder.test201.xml  
-rw-r--r-- kloedej/afd_rds 11059 2022-11-07 16:43 Test/Main/JobOrder.test401.xml
```

	<p align="center"><b>Aeolus Level-2B Processor Software Release Note</b></p>	<p>Ref: AED-SD-ECMWF-L2B-040 Issue: 3.90 Date: 31 Jan. 2023</p>
<pre> -rw-r--r-- kloedej/afd_rds 21 2020-02-12 14:13 Test/Main/testinput.test201 -rw-r--r-- kloedej/afd_rds 4 2020-02-12 14:13 Test/Main/testinput.test202 -rw-r--r-- kloedej/afd_rds 4 2020-02-12 14:13 Test/Main/testinput.test203 -rw-r--r-- kloedej/afd_rds 35 2020-02-12 14:13 Test/Main/testinput.test204 -rw-r--r-- kloedej/afd_rds 21 2020-02-12 14:13 Test/Main/testinput.test401 -rw-r--r-- kloedej/afd_rds 544957 2023-01-04 14:49 Test/Main/ testoutput.L2B_processor.test101.TEST_TN3_1_0105_LITE_scene_S.expected -rw-r--r-- kloedej/afd_rds 243247 2023-01-04 14:50 Test/Main/ testoutput.L2B_processor.test101.TEST_TN3_1_0105_LITE_scene_S.L2C.expected -rw-r--r-- kloedej/afd_rds 749531 2023-01-04 14:50 Test/Main/ testoutput.L2B_processor.test102.TEST_TN3_1_0106_LITE_scene_C.expected -rw-r--r-- kloedej/afd_rds 641712 2023-01-04 14:54 Test/Main/ testoutput.L2B_processor.test103.TEST_TN3_1_0110_LITE_scene_D.expected -rw-r--r-- kloedej/afd_rds 333677 2023-01-04 14:55 Test/Main/ testoutput.L2B_processor.test104.TEST_TN3_1_0113_LITE_scene_H.expected -rw-r--r-- kloedej/afd_rds 631730 2023-01-04 14:56 Test/Main/ testoutput.L2B_processor.test105.TEST_TN3_1_0027.expected -rw-r--r-- kloedej/afd_rds 2782422 2023-01-03 10:45 Test/Main/testoutput.L2B_processor.test106.L1bP_In- stallTest.expected -rw-r--r-- kloedej/afd_rds 101391 2023-01-04 14:58 Test/Main/ testoutput.L2B_processor.test107q.TEST_TN3_1_0027.expected -rw-r--r-- kloedej/afd_rds 596913 2023-01-04 14:57 Test/Main/ testoutput.L2B_processor.test107.TEST_TN3_1_0027.expected -rw-r--r-- kloedej/afd_rds 692731 2023-01-04 14:59 Test/Main/ testoutput.L2B_processor.test108.TEST_TN3_1_0027.expected -rw-r--r-- kloedej/afd_rds 85825 2023-01-04 15:00 Test/Main/ testoutput.L2B_processor.test109.TEST_TN3_1_0106_LITE_scene_C.expected -rw-r--r-- kloedej/afd_rds 102356 2023-01-04 15:01 Test/Main/ testoutput.L2B_processor.test110.TEST_TN3_1_0027.expected -rw-r--r-- kloedej/afd_rds 82285 2023-01-04 15:02 Test/Main/ testoutput.L2B_processor.test111.TEST_TN3_1_0106_LITE_scene_C.expected -rw-r--r-- kloedej/afd_rds 676970 2023-01-04 15:03 Test/Main/ testoutput.L2B_processor.test112.TEST_TN3_1_0106_LITE_scene_C.expected -rw-r--r-- kloedej/afd_rds 2328213 2023-01-03 10:47 Test/Main/ testoutput.L2B_processor.test150.TEST_Real_Aeolus_WVM_data.expected -rw-r--r-- kloedej/afd_rds 670607 2023-01-03 10:48 Test/Main/ testoutput.L2B_processor.test150.TEST_Real_Aeolus_WVM_data.L2C.expected -rw-r--r-- kloedej/afd_rds 3172802 2022-12-13 09:14 Test/Main/ testoutput.L2B_processor.test151.TEST_Real_Aeolus_OWV_data.expected -rw-r--r-- kloedej/afd_rds 2390639 2023-01-03 10:49 Test/Main/ testoutput.L2B_processor.test152.TEST_Real_Aeolus_WVM_data.expected -rw-r--r-- kloedej/afd_rds 2390605 2023-01-03 10:50 Test/Main/ testoutput.L2B_processor.test153.TEST_Real_Aeolus_WVM_data.expected -rw-r--r-- kloedej/afd_rds 2327837 2023-01-03 10:51 Test/Main/testoutput.L2B_processor.test154.TEST_black- listing.expected -rw-r--r-- kloedej/afd_rds 2327918 2023-01-03 10:52 Test/Main/testoutput.L2B_processor.test160.TEST_fit- ted_Mie_NL_corr.expected -rw-r--r-- kloedej/afd_rds 1850881 2023-01-03 10:53 Test/Main/testoutput.L2B_processor.test161.TEST_fit- ted_Mie_NL_corr_2B_atm_path.expected -rw-r--r-- kloedej/afd_rds 2327925 2023-01-03 10:54 Test/Main/testoutput.L2B_processor.test162.TEST_fit- ted_Mie_NL_corr_2B_int_ref.expected -rw-r--r-- kloedej/afd_rds 2427082 2023-01-03 10:55 Test/Main/testoutput.L2B_processor.test163.TEST_fit- ted_Mie_NL_corr_2B_both_paths.expected -rw-r--r-- kloedej/afd_rds 2885170 2023-01-03 10:56 Test/Main/ testoutput.L2B_processor.test170.TEST_ref_using_SNR_classification.expected -rw-r--r-- kloedej/afd_rds 885026 2023-01-03 10:57 Test/Main/ testoutput.L2B_processor.test170.TEST_ref_using_SNR_classification.L2C.expected -rw-r--r-- kloedej/afd_rds 2545490 2023-01-03 10:58 Test/Main/ testoutput.L2B_processor.test171.TEST_subgrouping_recalc_SNR.expected -rw-r--r-- kloedej/afd_rds 7983 2022-11-08 11:14 Test/Main/ testoutput.L2B_processor.test201.input_file_checking_test.expected -rw-r--r-- kloedej/afd_rds 1557 2020-02-12 14:13 Test/Main/testoutput.L2B_processor.test202.cmdline_op- tion_test.expected -rw-r--r-- kloedej/afd_rds 1805 2022-12-08 18:24 Test/Main/testoutput.L2B_processor.test203.cmdline_op- tion_test.expected -rw-r--r-- kloedej/afd_rds 9017 2022-11-08 11:15 Test/Main/testoutput.L2B_processor.test204.cmdline_op- tion_test.expected -rw-r--r-- kloedej/afd_rds 127124 2022-12-13 09:45 Test/Main/ testoutput.L2B_processor.test401.Empty_L2B_product.expected drwxr-xr-x kloedej/afd_rds 0 2020-05-01 11:34 Test/Match_AMD/ -rw-r--r-- kloedej/afd_rds 45362 2022-12-12 13:07 Test/Match_AMD/ AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0101.EEF -rw-r--r-- kloedej/afd_rds 45374 2022-12-12 13:07 Test/Match_AMD/ AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0102_match.EEF -rw-r--r-- kloedej/afd_rds 45376 2022-12-12 13:07 Test/Match_AMD/ AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0102_nomatch.EEF -rw-r--r-- kloedej/afd_rds 45370 2022-12-12 13:07 Test/Match_AMD/ AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0103.EEF -rw-r--r-- kloedej/afd_rds 45373 2022-12-12 13:07 Test/Match_AMD/ AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0104.EEF -rw-r--r-- kloedej/afd_rds 65411 2022-10-28 15:52 Test/Match_AMD/testoutput1.Test_Match_AMD_Module.ex- pected -rw-r--r-- kloedej/afd_rds 64880 2022-10-28 15:51 Test/Match_AMD/testoutput2.Test_Match_AMD_Module.ex- pected -rw-r--r-- kloedej/afd_rds 188720 2022-10-28 15:51 Test/Match_AMD/testoutput3.Test_Match_AMD_Module.ex- pected </pre>		



## Aeolus Level-2B Processor Software Release Note

Ref: AED-SD-ECMWF-L2B-040  
Issue: 3.90  
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-rw-r--r-- kloedej/afd_rds	22	2020-02-12	14:13	Test/Match_AMD/testoutput4.Test_Match_AMD_Module.ex- pected
drwxr-xr-x kloedej/afd_rds	0	2022-03-24	13:04	Test/Meas_Grouping/
-rw-r--r-- kloedej/afd_rds	45386	2022-12-12	13:07	Test/Meas_Grouping/
AE_TEST_AUX_PAR_2B_20050101T000000_20110101T000000_0001.EEF				
-rw-r--r-- kloedej/afd_rds	720	2021-09-14	14:52	Test/Meas_Grouping/testoutput01.TestMeasgrouping.ex- pected
-rw-r--r-- kloedej/afd_rds	24093	2022-11-01	13:46	Test/Meas_Grouping/testoutput02.TestMeasgrouping.ex- pected
-rw-r--r-- kloedej/afd_rds	726	2022-03-24	12:59	Test/Meas_Grouping/testoutput03.TestMeasSubgrouping.- expected
-rw-r--r-- kloedej/afd_rds	24884	2022-11-01	13:47	Test/Meas_Grouping/testoutput04.TestMeasSubgrouping.- expected
-rw-r--r-- kloedej/afd_rds	713	2022-03-23	20:32	Test/Meas_Grouping/
testoutput10.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1700	2022-03-24	16:18	Test/Meas_Grouping/
testoutput21.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1701	2022-03-24	16:18	Test/Meas_Grouping/
testoutput22.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4005	2022-03-24	16:19	Test/Meas_Grouping/
testoutput23.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4581	2022-03-24	16:19	Test/Meas_Grouping/
testoutput24.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	5445	2022-03-24	16:19	Test/Meas_Grouping/
testoutput25.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1700	2022-03-24	16:20	Test/Meas_Grouping/
testoutput31.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1701	2022-03-24	16:20	Test/Meas_Grouping/
testoutput32.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4005	2022-03-24	16:21	Test/Meas_Grouping/
testoutput33.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4581	2022-03-24	16:21	Test/Meas_Grouping/
testoutput34.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	5733	2022-03-24	16:22	Test/Meas_Grouping/
testoutput35.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1700	2022-03-24	16:22	Test/Meas_Grouping/
testoutput41.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1701	2022-03-24	16:22	Test/Meas_Grouping/
testoutput42.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4005	2022-03-24	16:23	Test/Meas_Grouping/
testoutput43.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	5733	2022-03-24	16:23	Test/Meas_Grouping/
testoutput44.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	5733	2022-03-24	16:23	Test/Meas_Grouping/
testoutput45.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1700	2022-03-24	16:24	Test/Meas_Grouping/
testoutput51.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1701	2022-03-24	16:24	Test/Meas_Grouping/
testoutput52.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4005	2022-03-24	16:25	Test/Meas_Grouping/
testoutput53.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	6885	2022-03-24	16:25	Test/Meas_Grouping/
testoutput54.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	6885	2022-03-24	16:25	Test/Meas_Grouping/
testoutput55.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1700	2022-03-24	16:26	Test/Meas_Grouping/
testoutput61.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	1701	2022-03-24	16:26	Test/Meas_Grouping/
testoutput62.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	2853	2022-03-24	16:26	Test/Meas_Grouping/
testoutput63.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4005	2022-03-24	16:27	Test/Meas_Grouping/
testoutput64.synthetic_grouping_tests.expected				
-rw-r--r-- kloedej/afd_rds	4005	2022-03-24	16:27	Test/Meas_Grouping/
testoutput65.synthetic_grouping_tests.expected				
drwxr-xr-x kloedej/afd_rds	0	2020-02-12	14:13	Test/Meas_Selection_Weighting/
-rw-r--r-- kloedej/afd_rds	15192	2022-04-29	15:15	Test/Meas_Selection_Weighting/testoutput.TestSelAn- dWeighMeasurements.expected
drwxr-xr-x kloedej/afd_rds	0	2022-08-04	15:19	Test/MieCoreProcessing/
-rw-r--r-- kloedej/afd_rds	146	2020-02-12	14:13	Test/MieCoreProcessing/TestCase2.dat
-rw-r--r-- kloedej/afd_rds	143	2020-02-12	14:13	Test/MieCoreProcessing/TestCase3.dat
-rw-r--r-- kloedej/afd_rds	146	2020-02-12	14:13	Test/MieCoreProcessing/TestCase4.dat
-rw-r--r-- kloedej/afd_rds	156	2020-02-12	14:13	Test/MieCoreProcessing/TestCase5.dat
-rw-r--r-- kloedej/afd_rds	156	2020-02-12	14:13	Test/MieCoreProcessing/TestCase6.dat
-rw-r--r-- kloedej/afd_rds	93	2020-07-28	14:32	Test/MieCoreProcessing/TestCase7.dat
-rw-r--r-- kloedej/afd_rds	113	2020-07-28	14:35	Test/MieCoreProcessing/TestCase8.dat
-rw-r--r-- kloedej/afd_rds	192	2022-08-04	15:19	Test/MieCoreProcessing/TestCase9.dat
-rw-r--r-- kloedej/afd_rds	9394	2020-07-28	14:38	Test/MieCoreProcessing/testoutput1.TestMieResponse.ex- pected
-rw-r--r-- kloedej/afd_rds	16338	2020-07-28	14:39	Test/MieCoreProcessing/testoutput2.TestMieResponse.ex- pected
-rw-r--r-- kloedej/afd_rds	10791	2020-07-28	14:39	Test/MieCoreProcessing/testoutput3.TestMieResponse.ex- pected
-rw-r--r-- kloedej/afd_rds	9408	2020-07-28	14:40	Test/MieCoreProcessing/testoutput4.TestMieResponse.ex- pected





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Ref: AED-SD-ECMWF-L2B-040  
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-rw-r--r-- kloedej/afd_rds	5953	2020-07-28	14:40	Test/MieCoreProcessing/testoutput5.TestMieResponse.ex-
pected				
-rw-r--r-- kloedej/afd_rds	10111	2020-07-28	14:41	Test/MieCoreProcessing/testoutput6.TestMieResponse.ex-
pected				
-rw-r--r-- kloedej/afd_rds	1320	2022-07-07	20:08	Test/MieCoreProcessing/testoutput7.TestMieResponse.ex-
pected				
-rw-r--r-- kloedej/afd_rds	1365	2022-07-07	20:08	Test/MieCoreProcessing/testoutput8.TestMieResponse.ex-
pected				
-rw-r--r-- kloedej/afd_rds	9454	2022-08-04	15:19	Test/MieCoreProcessing/testoutput9_no_DC0_corr.Test-
MieResponse.expected				
-rw-r--r-- kloedej/afd_rds	9454	2022-08-04	15:19	Test/MieCoreProcessing/testoutput9.TestMieResponse.ex-
pected				
drwxr-xr-x kloedej/afd_rds	0	2020-02-12	14:13	Test/MolScat/
-rw-r--r-- kloedej/afd_rds	294	2020-02-12	14:13	Test/MolScat/testoutput.TestMolScat.expected
drwxr-xr-x kloedej/afd_rds	0	2021-12-02	13:23	Test/OpticalProperties/
-rw-r--r-- kloedej/afd_rds	611	2020-02-12	14:13	Test/OpticalProperties/testoutput0A.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	974	2020-02-12	14:13	Test/OpticalProperties/testoutput0B.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	990	2020-02-12	14:13	Test/OpticalProperties/testoutput1A.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	986	2020-02-12	14:13	Test/OpticalProperties/testoutput1B.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	1141	2020-02-12	14:13	Test/OpticalProperties/testoutput1C.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	311205	2022-12-05	12:29	Test/OpticalProperties/testoutput1D.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	310655	2022-12-05	12:29	Test/OpticalProperties/testoutput1E.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	310480	2022-12-05	12:29	Test/OpticalProperties/testoutput1F.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	310581	2022-12-05	12:30	Test/OpticalProperties/testoutput1G.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	1503	2020-07-15	21:32	Test/OpticalProperties/testoutput1H.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	311289	2022-12-05	12:30	Test/OpticalProperties/testoutput1I.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	1194	2020-02-12	14:13	Test/OpticalProperties/testoutput2A.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	1128	2020-02-12	14:13	Test/OpticalProperties/testoutput2B.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	310791	2022-12-05	12:31	Test/OpticalProperties/testoutput2C.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	311364	2022-12-05	12:31	Test/OpticalProperties/testoutput2D.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	310933	2022-12-05	12:31	Test/OpticalProperties/testoutput2E.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	311410	2022-12-05	12:32	Test/OpticalProperties/testoutput2F.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	311426	2022-12-05	12:32	Test/OpticalProperties/testoutput2G.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	972	2020-02-12	14:13	Test/OpticalProperties/testoutput3A.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	908	2020-02-12	14:13	Test/OpticalProperties/testoutput3B.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	729	2020-02-12	14:13	Test/OpticalProperties/testoutput3C.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	6342	2021-12-28	12:34	Test/OpticalProperties/testoutput3D.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	6330	2021-12-28	12:33	Test/OpticalProperties/testoutput3E.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	6431	2021-12-28	12:33	Test/OpticalProperties/testoutput3F.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	912	2020-02-12	14:13	Test/OpticalProperties/testoutput4A.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	910	2020-02-12	14:13	Test/OpticalProperties/testoutput4B.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	731	2020-02-12	14:13	Test/OpticalProperties/testoutput4C.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	321898	2022-12-05	12:32	Test/OpticalProperties/testoutput4D.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	321880	2022-12-05	12:33	Test/OpticalProperties/testoutput4E.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	322629	2022-12-05	12:33	Test/OpticalProperties/testoutput4F.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	3544	2022-07-07	20:09	Test/OpticalProperties/testoutput5A.TestOpticalProper-
ties.expected				
-rw-r--r-- kloedej/afd_rds	3645	2022-07-07	20:09	Test/OpticalProperties/testoutput5B.TestOpticalProper-
ties.expected				
drwxr-xr-x kloedej/afd_rds	0	2022-05-31	13:46	Test/RayleighBrillouinProcessing/
-rw-r--r-- kloedej/afd_rds	35582851	2022-09-14	15:05	Test/RayleighBrillouinProcessing/
AE_TEST_AUX_RBC_L2_20071003T123456_20081002T123456_0001.DBL.expected				
-rw-r--r-- kloedej/afd_rds	5652	2022-11-07	15:50	Test/RayleighBrillouinProcessing/
AE_TEST_AUX_RBC_L2_20071003T123456_20081002T123456_0001.HDR.expected				
-rw-r--r-- kloedej/afd_rds	35582851	2022-09-14	15:06	Test/RayleighBrillouinProcessing/
AE_TEST_AUX_RBC_L2_20071026T123456_20081025T123456_0001.DBL.expected				



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-rw-r--r--	kloedej/afd_rds	5652	2022-11-07	15:51	Test/RayleighBrillouinProcessing/
AE_TEST_AUX_RBC_L2_20071026T123456_20081025T123456_0001.HDR.expected					
-rw-r--r--	kloedej/afd_rds	5903611	2020-02-12	14:13	Test/RayleighBrillouinProcessing/CALIB_GRID.dat.gz
-rw-r--r--	kloedej/afd_rds	274300	2020-02-12	14:13	Test/RayleighBrillouinProcessing/CALIB_GRID_Gauss.-
dat.gz					
-rw-r--r--	kloedej/afd_rds	1221086	2020-02-12	14:13	Test/RayleighBrillouinProcessing/GAUSS_SPECTRUM.dat.gz
-rw-r--r--	kloedej/afd_rds	25957522	2020-02-12	14:13	Test/RayleighBrillouinProcessing/TENTI_SPECTRUM.dat.gz
-rw-r--r--	kloedej/afd_rds	756	2020-02-12	14:13	Test/RayleighBrillouinProcessing/testoutput1.Genera-
teRBCdata.expected					
-rw-r--r--	kloedej/afd_rds	768	2020-02-12	14:13	Test/RayleighBrillouinProcessing/testoutput2.Genera-
teRBCdata.expected					
-rw-r--r--	kloedej/afd_rds	1500	2020-09-16	14:05	Test/RayleighBrillouinProcessing/
testoutput3.TestRayL_Br_Proc.expected					
-rw-r--r--	kloedej/afd_rds	1592	2022-05-31	13:54	Test/RayleighBrillouinProcessing/testoutput4.Test_cor-
rection.expected					
-rw-r--r--	kloedej/afd_rds	29037	2022-05-03	14:19	Test/RayleighBrillouinProcessing/TransFPinterp.dat
-rw-r--r--	kloedej/afd_rds	29037	2022-05-03	14:19	Test/RayleighBrillouinProcessing/TransFPinterp_Gauss.-
dat					
-rw-r--r--	kloedej/afd_rds	16128	2022-05-03	14:19	Test/RayleighBrillouinProcessing/TransFPISR.dat
-rw-r--r--	kloedej/afd_rds	16128	2022-05-03	14:19	Test/RayleighBrillouinProcessing/TransFPISR_Gauss.dat
drwx-----	kloedej/afd_rds	0	2022-10-26	15:11	Test/Schemas/
-rw-r--r--	kloedej/afd_rds	46	2022-10-26	15:14	Test/Schemas/testoutput01.xmllint.expected
-rw-r--r--	kloedej/afd_rds	40	2022-10-26	15:15	Test/Schemas/testoutput02.xmllint.expected
-rw-r--r--	kloedej/afd_rds	46	2022-10-26	15:15	Test/Schemas/testoutput03.xmllint.expected
-rw-r--r--	kloedej/afd_rds	46	2022-10-26	15:15	Test/Schemas/testoutput04.xmllint.expected
-rw-r--r--	kloedej/afd_rds	54	2022-10-26	15:16	Test/Schemas/testoutput05.xmllint.expected
-rw-r--r--	kloedej/afd_rds	54	2022-10-26	15:16	Test/Schemas/testoutput06.xmllint.expected
-rw-r--r--	kloedej/afd_rds	36	2022-10-26	15:16	Test/Schemas/testoutput07.xmllint.expected
-rw-r--r--	kloedej/afd_rds	36	2022-10-26	15:17	Test/Schemas/testoutput08.xmllint.expected
-rw-r--r--	kloedej/afd_rds	39	2022-10-26	15:17	Test/Schemas/testoutput09.xmllint.expected
-rw-r--r--	kloedej/afd_rds	58	2022-10-26	15:17	Test/Schemas/testoutput10.xmllint.expected
-rw-r--r--	kloedej/afd_rds	40	2022-10-26	15:18	Test/Schemas/testoutput11.xmllint.expected
-rw-r--r--	kloedej/afd_rds	58	2022-10-26	15:18	Test/Schemas/testoutput12.xmllint.expected
-rw-r--r--	kloedej/afd_rds	40	2022-10-26	15:18	Test/Schemas/testoutput13.xmllint.expected
-rw-r--r--	kloedej/afd_rds	58	2022-10-26	15:19	Test/Schemas/testoutput14.xmllint.expected
-rw-r--r--	kloedej/afd_rds	40	2022-10-26	15:19	Test/Schemas/testoutput15.xmllint.expected
-rw-r--r--	kloedej/afd_rds	36	2022-10-26	15:20	Test/Schemas/testoutput16.xmllint.expected
-rw-r--r--	kloedej/afd_rds	40	2022-10-26	15:20	Test/Schemas/testoutput17.xmllint.expected
drwxr-xr-x	kloedej/afd_rds	0	2021-07-23	15:29	Test/Scripts/
-rw-r--r--	kloedej/afd_rds	124	2020-02-12	14:13	Test/Scripts/07011.LIST.200.expected
-rw-r--r--	kloedej/afd_rds	64	2020-02-12	14:13	Test/Scripts/07011.LIST.orig
-rw-r--r--	kloedej/afd_rds	179448	2020-02-12	14:13	Test/Scripts/12345.INTERNALLOG
-rw-r--r--	kloedej/afd_rds	1115	2020-02-12	14:13	Test/Scripts/12345.LIST.400.expected
-rw-r--r--	kloedej/afd_rds	1055	2020-02-12	14:13	Test/Scripts/12345.LIST.input
drwxr-xr-x	kloedej/afd_rds	0	2021-07-26	11:20	Test/Scripts2/
lrwxrwxrwx	kloedej/afd_rds	0	2021-07-26	11:20	Test/Scripts2/testoutput1.CheckVersionNumbers.py.ex-
pected -> ../Scripts/testoutput61.CheckVersionNumbers.py.expected					
-rw-r--r--	kloedej/afd_rds	180	2020-06-08	16:33	Test/Scripts/45678.LIST.151.expected
-rw-r--r--	kloedej/afd_rds	180	2020-06-08	16:30	Test/Scripts/5678.LIST.150.expected
-rw-r--r--	kloedej/afd_rds	180	2020-06-08	16:43	Test/Scripts/678.LIST.152.expected
-rw-r--r--	kloedej/afd_rds	405723	2021-06-16	15:24	Test/Scripts/
AE_OPER_ALAPRODRPT_20160203T064833_20160203T065349_2345.EEF.400.expected					
-rw-r--r--	kloedej/afd_rds	52481	2021-06-16	15:27	Test/Scripts/
AE_OPER_ALAPRODRPT_20160321T195957_20160321T200049_0001.EEF.401.expected					
-rw-r--r--	kloedej/afd_rds	32978	2021-06-16	15:29	Test/Scripts/
AE_OPER_ALAPRODRPT_20160321T200047_20160203T065349_0001.EEF.402.expected					
-rw-r--r--	kloedej/afd_rds	12497	2022-11-07	16:44	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_0001.EEF.110.expected					
-rw-r--r--	kloedej/afd_rds	12086	2022-11-07	16:45	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_0001.EEF.130.expected					
-rw-r--r--	kloedej/afd_rds	12086	2022-11-07	16:45	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_0001.EEF.131.expected					
-rw-r--r--	kloedej/afd_rds	11053	2022-11-07	16:46	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_0001.EEF.140.expected					
-rw-r--r--	kloedej/afd_rds	12481	2022-11-07	16:47	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_0678.EEF.152.expected					
-rw-r--r--	kloedej/afd_rds	12482	2022-11-07	16:46	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_5678.EEF.150.expected					
-rw-r--r--	kloedej/afd_rds	12483	2022-11-07	16:47	Test/Scripts/
AE_RPRO_ALD_REP_2B_20070322T155943_20070322T155944_5678.EEF.151.expected					
-rw-r--r--	kloedej/afd_rds	8036	2020-02-12	14:13	Test/Scripts/
AE_RPRO_ALD_REP_2B_20081110T152113_20081110T152114_0001.EEF.130.expected					
-rw-r--r--	kloedej/afd_rds	8825	2022-11-07	16:45	Test/Scripts/
AE_RPRO_ALD_REP_2B_20081110T152113_20081110T152115_0001.EEF.120.expected					
-rw-r--r--	kloedej/afd_rds	81243	2022-11-07	16:48	Test/Scripts/
AE_RPRO_ALD_REP_2C_20081111T164721_20081111T164723_0001.EEF.300.expected					
-rw-r--r--	kloedej/afd_rds	22317	2021-06-16	15:15	Test/Scripts/
AE_TEST_ALD_REP_2A_20080219T142002_20080219T142413_7011.EEF.200.expected					
-rw-r--r--	kloedej/afd_rds	86632	2022-11-07	16:47	Test/Scripts/
AE_TEST_ALD_REP_2B_20180319T141919_20180319T141921_0001.EEF.160.expected					
-rw-r--r--	kloedej/afd_rds	22	2020-02-12	14:13	Test/Scripts/DefaultProduct_100.LIST.100.expected
-rw-r--r--	kloedej/afd_rds	7199	2021-06-16	14:21	Test/Scripts/DefaultProduct_100.REPORT.100.expected
-rw-r--r--	kloedej/afd_rds	22	2020-02-12	14:13	Test/Scripts/DefaultProduct_101.LIST.101.expected
-rw-r--r--	kloedej/afd_rds	2084	2021-06-16	14:24	Test/Scripts/DefaultProduct_101.REPORT.101.expected
-rw-r--r--	kloedej/afd_rds	22	2020-02-12	14:13	Test/Scripts/DefaultProduct_102.LIST.102.expected
-rw-r--r--	kloedej/afd_rds	7199	2021-06-16	14:25	Test/Scripts/DefaultProduct_102.REPORT.102.expected



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-rw-r--r--	kloedej/afd_rds	180	2020-02-12	14:13	Test/Scripts/IFS_Test.LIST.120.expected
-rw-r--r--	kloedej/afd_rds	120	2020-02-12	14:13	Test/Scripts/IFS_Test.LIST.input
-rw-r--r--	kloedej/afd_rds	59	2020-02-12	14:13	Test/Scripts/input_emptyline_test.txt
-rw-r--r--	kloedej/afd_rds	8902	2021-06-16	14:54	Test/Scripts/JobOrder.07011.xml
-rw-r--r--	kloedej/afd_rds	27342	2021-06-16	15:24	Test/Scripts/JobOrder.12345.xml
-rw-r--r--	kloedej/afd_rds	5277	2022-11-07	16:20	Test/Scripts/JobOrder.IFS_Test.xml
-rw-r--r--	kloedej/afd_rds	5261	2022-11-07	16:21	Test/Scripts/JobOrder.L2C_Test.xml
-rw-r--r--	kloedej/afd_rds	3892	2022-11-07	16:22	Test/Scripts/JobOrder.MissingListAndLogFile.xml
-rw-r--r--	kloedej/afd_rds	4925	2022-11-07	16:22	Test/Scripts/JobOrder.MissingListFile.xml
-rw-r--r--	kloedej/afd_rds	8621	2022-11-07	16:23	Test/Scripts/JobOrder.run_l2b_processor_and_report_ge-
nerator.xml					
-rw-r--r--	kloedej/afd_rds	5336	2022-11-07	16:23	Test/Scripts/JobOrder.TestReportGenerator.xml
-rw-r--r--	kloedej/afd_rds	23461	2021-06-16	15:25	Test/Scripts/JobOrder.WVM_Clean_1.xml
-rw-r--r--	kloedej/afd_rds	23461	2021-06-16	15:28	Test/Scripts/JobOrder.WVM_Clean_2.xml
-rw-r--r--	kloedej/afd_rds	4663	2020-02-12	14:13	Test/Scripts/l2ap_07011.log
-rw-r--r--	kloedej/afd_rds	38982	2020-02-12	14:13	Test/Scripts/l2b_logfile.log
-rw-r--r--	kloedej/afd_rds	180	2020-02-12	14:13	Test/Scripts/L2C_Test.LIST.300.expected
-rw-r--r--	kloedej/afd_rds	120	2020-02-12	14:13	Test/Scripts/L2C_Test.LIST.input
-rw-r--r--	kloedej/afd_rds	1998	2020-02-12	14:13	Test/Scripts/long_filename_test.tar.gz
-rw-r--r--	kloedej/afd_rds	7060	2020-02-12	14:13	Test/Scripts/MissingListAndLogFile.INTERNALLOG
-rw-r--r--	kloedej/afd_rds	180	2020-02-12	14:13	Test/Scripts/MissingListAndLogFile.LIST.140.expected
-rw-r--r--	kloedej/afd_rds	120	2020-02-12	14:13	Test/Scripts/MissingListAndLogFile.LIST.input
-rw-r--r--	kloedej/afd_rds	180	2020-02-12	14:13	Test/Scripts/MissingListFile.LIST.130.expected
-rw-r--r--	kloedej/afd_rds	60	2020-02-12	14:13	Test/Scripts/MissingListFile.LIST.131.expected
-rw-r--r--	kloedej/afd_rds	180	2020-02-12	14:13	Test/Scripts/run_l2b_processor_and_report_generator.-
LIST.160.expected					
-rw-r--r--	kloedej/afd_rds	120	2020-02-12	14:13	Test/Scripts/run_l2b_processor_and_report_generator.-
LIST.input					
-rw-r--r--	kloedej/afd_rds	7060	2020-02-12	14:13	Test/Scripts/testlog_2020.log
-rw-r--r--	kloedej/afd_rds	1348	2020-02-12	14:13	Test/Scripts/testlog2b_IFS.log
-rw-r--r--	kloedej/afd_rds	133780	2020-02-12	14:13	Test/Scripts/testlog2c.log
-rw-r--r--	kloedej/afd_rds	122	2020-02-12	14:13	Test/Scripts/testlog_empty.log
-rw-r--r--	kloedej/afd_rds	7060	2020-02-12	14:13	Test/Scripts/testlog.log
-rw-r--r--	kloedej/afd_rds	333	2020-02-12	14:13	Test/Scripts/testoutput100.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	339	2020-02-12	14:13	Test/Scripts/testoutput101.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	338	2020-02-12	14:13	Test/Scripts/testoutput102.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	10402	2023-01-20	10:05	Test/Scripts/testoutput10.install_L2BP.sc.expected
-rw-r--r--	kloedej/afd_rds	416	2020-02-12	14:13	Test/Scripts/testoutput110.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	10763	2023-01-20	10:06	Test/Scripts/testoutput11.install_L2BP.sc.expected
-rw-r--r--	kloedej/afd_rds	411	2020-02-12	14:13	Test/Scripts/testoutput120.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	71	2021-07-23	16:01	Test/Scripts/testoutput12.run_test_1.sc.expected
-rw-r--r--	kloedej/afd_rds	413	2020-02-12	14:13	Test/Scripts/testoutput130.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	679	2020-02-12	14:13	Test/Scripts/testoutput131.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	95	2021-07-23	16:02	Test/Scripts/testoutput13.run_test_2.sc.expected
-rw-r--r--	kloedej/afd_rds	443	2020-02-12	14:13	Test/Scripts/testoutput140.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	126	2021-07-23	16:02	Test/Scripts/testoutput14.run_test_3.sc.expected
-rw-r--r--	kloedej/afd_rds	401	2020-06-08	16:27	Test/Scripts/testoutput150.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	402	2020-06-08	16:32	Test/Scripts/testoutput151.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	400	2020-06-08	16:42	Test/Scripts/testoutput152.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	126	2021-07-23	16:03	Test/Scripts/testoutput15.run_test_4.sc.expected
-rw-r--r--	kloedej/afd_rds	440	2020-02-12	14:13	Test/Scripts/testoutput160.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	80	2021-07-23	16:08	Test/Scripts/testoutput16.run_test_5.sc.expected
-rw-r--r--	kloedej/afd_rds	863	2020-02-12	14:13	Test/Scripts/testoutput190.L2B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	144	2021-01-06	13:48	Test/Scripts/
testoutput191.ReportGenerator_Internal_Tests.py.expected					
-rw-r--r--	kloedej/afd_rds	51	2020-02-12	14:13	Test/Scripts/testoutput1.Check_Names.sc.expected
-rw-r--r--	kloedej/afd_rds	405	2020-02-12	14:13	Test/Scripts/testoutput200.L2A_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	830	2020-02-12	14:13	Test/Scripts/testoutput2.unpack_tarball.sc.expected
-rw-r--r--	kloedej/afd_rds	407	2020-02-12	14:13	Test/Scripts/testoutput300.L2C_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	57	2020-02-12	14:13	Test/Scripts/testoutput3.skip_empty_lines.sc.expected
-rw-r--r--	kloedej/afd_rds	408	2020-02-12	14:13	Test/Scripts/testoutput400.L1B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	417	2020-06-08	16:35	Test/Scripts/testoutput401.L1B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	417	2020-06-08	15:32	Test/Scripts/testoutput402.L1B_ReportGenerator.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	95	2020-02-12	14:13	Test/Scripts/testoutput50.Check_Python.sc.expected
-rw-r--r--	kloedej/afd_rds	96	2020-02-12	14:13	Test/Scripts/testoutput51.Check_Python_Modules.py.ex-
pected					
-rw-r--r--	kloedej/afd_rds	141	2020-02-12	14:13	Test/Scripts/testoutput60.CheckForUpperCaseModuleNa-
mes.py.expected					

-rw-r--r-- kloedej/afd_rds	3312	2022-12-08	19:25	Test/Scripts/testoutput61.CheckVersionNumbers.py.ex-
pected				
-rw-r--r-- kloedej/afd_rds	180	2020-02-12	14:13	Test/Scripts/TestReportGenerator.LIST.110.expected
-rw-r--r-- kloedej/afd_rds	120	2020-02-12	14:13	Test/Scripts/TestReportGenerator.LIST.input
-rw-r--r-- kloedej/afd_rds	13265	2020-02-12	14:13	Test/Scripts/WVM_Clean_1.INTERNALLOG
-rw-r--r-- kloedej/afd_rds	292	2020-02-12	14:13	Test/Scripts/WVM_Clean_1.LIST.401.expected
-rw-r--r-- kloedej/afd_rds	232	2020-02-12	14:13	Test/Scripts/WVM_Clean_1.LIST.input
-rw-r--r-- kloedej/afd_rds	3058	2020-06-08	15:37	Test/Scripts/WVM_Clean_2.INTERNALLOG
-rw-r--r-- kloedej/afd_rds	128	2020-06-08	15:35	Test/Scripts/WVM_Clean_2.LIST.402.expected
-rw-r--r-- kloedej/afd_rds	68	2020-06-08	15:34	Test/Scripts/WVM_Clean_2.LIST.input
drwx----- kloedej/afd_rds	0	2022-10-26	15:47	Test/Simple_XML/
-rw-r--r-- kloedej/afd_rds	2949	2020-02-12	14:13	Test/Simple_XML/
CS_TEST_MPL_ORBREF_20040701T092917_99999999T999999_0001.expected				
-rw-r--r-- kloedej/afd_rds	2843	2022-01-06	11:03	Test/Simple_XML/parsing_result.xml.expected
-rw-r--r-- kloedej/afd_rds	2801	2022-01-06	10:53	Test/Simple_XML/simple_testdata.xml
-rw-r--r-- kloedej/afd_rds	1210	2022-01-05	14:50	Test/Simple_XML/testoutput.TestSimpleXML.expected
drwx----- kloedej/afd_rds	0	2022-10-26	15:25	Test/Support/
-rw-r--r-- kloedej/afd_rds	59	2020-02-12	14:13	Test/Support/testinput.TestCompiler_Features
-rw-r--r-- kloedej/afd_rds	400	2020-02-12	14:13	Test/Support/testoutput.system_cmd.expected
-rw-r--r-- kloedej/afd_rds	1646	2022-12-08	18:07	Test/Support/testoutput.TestAeolusConstants.expected
-rw-r--r-- kloedej/afd_rds	3598	2020-02-12	14:13	Test/Support/testoutput.TestArraytools.expected
-rw-r--r-- kloedej/afd_rds	1492	2020-02-12	14:13	Test/Support/testoutput.TestBufferedLogging.expected
-rw-r--r-- kloedej/afd_rds	684	2020-02-12	14:13	Test/Support/testoutput.TestCompiler_Features.expected
-rw-r--r-- kloedej/afd_rds	1352	2022-10-28	15:22	Test/Support/testoutput.test_c_support.expected
-rw-r--r-- kloedej/afd_rds	1029	2020-02-12	14:13	Test/Support/testoutput.TestDateTimeMod.expected
-rw-r--r-- kloedej/afd_rds	662	2020-02-12	14:13	Test/Support/testoutput.TestErrorHandler.expected
-rw-r--r-- kloedej/afd_rds	935	2023-01-25	19:00	Test/Support/testoutput.test_f90_c_support.expected
-rw-r--r-- kloedej/afd_rds	4565	2020-09-16	13:42	Test/Support/testoutput.TestInterp1.expected
-rw-r--r-- kloedej/afd_rds	2997	2020-02-12	14:13	Test/Support/testoutput.TestLatLonHandling.expected
-rw-r--r-- kloedej/afd_rds	2951	2020-02-12	14:13	Test/Support/testoutput.TestLogging.expected
-rw-r--r-- kloedej/afd_rds	1861	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.AIX_f90				
-rw-r--r-- kloedej/afd_rds	2737	2020-02-12	14:13	Test/Support/testoutput.TestLunManager.expected.DAR-
WIN_gfortran				
-rw-r--r-- kloedej/afd_rds	1828	2020-02-12	14:13	Test/Support/testoutput.TestLunManager.expec-
ted.IRIX64_f90				
-rw-r--r-- kloedej/afd_rds	1828	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.IRIX_f90				
-rw-r--r-- kloedej/afd_rds	1511	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_f95				
-rw-r--r-- kloedej/afd_rds	2377	2022-06-28	12:02	Test/Support/
testoutput.TestLunManager.expected.LINUX_flang				
-rw-r--r-- kloedej/afd_rds	1825	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_ftn				
-rw-r--r-- kloedej/afd_rds	1861	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_g95				
-rw-r--r-- kloedej/afd_rds	2377	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_gfortran				
-rw-r--r-- kloedej/afd_rds	2379	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_ifort				
-rw-r--r-- kloedej/afd_rds	2421	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_pg90				
-rw-r--r-- kloedej/afd_rds	1901	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.LINUX_sxf90				
-rw-r--r-- kloedej/afd_rds	1863	2020-02-12	14:13	Test/Support/
testoutput.TestLunManager.expected.SUNOS_f90				
-rw-r--r-- kloedej/afd_rds	1901	2020-02-12	14:13	Test/Support/testoutput.TestLunManager.expected.SUPER-
UX_sxf90				
-rw-r--r-- kloedej/afd_rds	3422	2020-07-29	17:04	Test/Support/testoutput.TestNumerics.expected.template
-rw-r--r-- kloedej/afd_rds	16425	2022-10-26	13:46	Test/Support/testoutput.TestProfileInterpolate.expec-
ted				
-rw-r--r-- kloedej/afd_rds	2203	2020-02-12	14:13	Test/Support/testoutput.TestStringTools.expected
drwxr-xr-x kloedej/afd_rds	0	2020-02-12	14:13	Test/ThinLayer/
-rw-r--r-- kloedej/afd_rds	6437	2022-11-08	09:51	Test/ThinLayer/testoutput.TestReadJobOrderData.expec-
ted				
drwxr-xr-x kloedej/afd_rds	0	2023-01-26	15:25	Test/Tools/
-rw-r--r-- kloedej/afd_rds	53	2020-02-12	14:13	Test/Tools/linebreaking_properties.txt.sun
-rw-r--r-- kloedej/afd_rds	215	2020-02-12	14:13	Test/Tools/testfile15.acc2.txt
-rw-r--r-- kloedej/afd_rds	215	2020-02-12	14:13	Test/Tools/testfile15.acc6.txt
-rw-r--r-- kloedej/afd_rds	215	2020-02-12	14:13	Test/Tools/testfile16a.txt
-rw-r--r-- kloedej/afd_rds	223	2020-02-12	14:13	Test/Tools/testfile16b.txt
-rw-r--r-- kloedej/afd_rds	218	2020-02-12	14:13	Test/Tools/testfile17a.txt
-rw-r--r-- kloedej/afd_rds	226	2020-02-12	14:13	Test/Tools/testfile17b.txt
-rw----- kloedej/afd_rds	301	2023-01-26	15:24	Test/Tools/testfile18a.txt
-rw----- kloedej/afd_rds	301	2023-01-26	15:25	Test/Tools/testfile18b.txt
-rw-r--r-- kloedej/afd_rds	89	2020-02-12	14:13	Test/Tools/testfile2.difftool1.txt
-rw-r--r-- kloedej/afd_rds	94	2020-02-12	14:13	Test/Tools/testfile2.difftool2.txt
-rw-r--r-- kloedej/afd_rds	689	2020-02-12	14:13	Test/Tools/testfile3.difftool1.txt
-rw-r--r-- kloedej/afd_rds	641	2020-02-12	14:13	Test/Tools/testfile3.difftool2.txt
-rw-r--r-- kloedej/afd_rds	689	2020-02-12	14:13	Test/Tools/testfile4.difftool1.txt
-rw-r--r-- kloedej/afd_rds	641	2020-02-12	14:13	Test/Tools/testfile4.difftool2.txt
-rw-r--r-- kloedej/afd_rds	1146	2020-02-12	14:13	Test/Tools/testfile5.difftool1.txt
-rw-r--r-- kloedej/afd_rds	1102	2020-02-12	14:13	Test/Tools/testfile5.difftool2.txt
-rw-r--r-- kloedej/afd_rds	863	2020-02-12	14:13	Test/Tools/testfile6.difftool1.txt
-rw-r--r-- kloedej/afd_rds	909	2020-02-12	14:13	Test/Tools/testfile6.difftool2.txt
-rw-r--r-- kloedej/afd_rds	110	2020-02-12	14:13	Test/Tools/testfile7.difftool1.txt






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-rw-r--r-- kloedej/afd_rds	175	2020-02-12 14:13	Test/Tools/testfile7.diff	tool2.txt
-rw-r--r-- kloedej/afd_rds	683	2020-02-12 14:13	Test/Tools/testfile.diff	tool1.txt
-rw-r--r-- kloedej/afd_rds	637	2020-02-12 14:13	Test/Tools/testfile.diff	tool2.txt
-rw-r--r-- kloedej/afd_rds	667	2020-02-12 14:13	Test/Tools/testfile.diff	tool3.txt
-rw-r--r-- kloedej/afd_rds	247	2020-02-12 14:13	Test/Tools/testfile_ifort	problem1.txt
-rw-r--r-- kloedej/afd_rds	245	2020-02-12 14:13	Test/Tools/testfile_ifort	problem2.txt
-rw-r--r-- kloedej/afd_rds	900	2020-02-12 14:13	Test/Tools/testfile_long	lines2.txt.expected.SUNOS_f90
-rw-r--r-- kloedej/afd_rds	555	2020-02-12 14:13	Test/Tools/testfile_nec	sx1.txt
-rw-r--r-- kloedej/afd_rds	671	2020-02-12 14:13	Test/Tools/testfile_regu	lar.txt
-rw-r--r-- kloedej/afd_rds	194	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected
-rw-r--r-- kloedej/afd_rds	1173	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expec-
ted.AIX_f90				
-rw-r--r-- kloedej/afd_rds	1181	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expec-
ted.IRIX64_f90				
-rw-r--r-- kloedej/afd_rds	1181	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expec-
ted.IRIX_f90				
-rw-r--r-- kloedej/afd_rds	1173	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected.-
LINUX_g95				
-rw-r--r-- kloedej/afd_rds	1173	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected.-
LINUX_gfortran				
-rw-r--r-- kloedej/afd_rds	1181	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected.-
LINUX_ifort				
-rw-r--r-- kloedej/afd_rds	1173	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected.-
LINUX_pgf90				
-rw-r--r-- kloedej/afd_rds	1173	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected.-
LINUX_sxf90				
-rw-r--r-- kloedej/afd_rds	1181	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expec-
ted.SUNOS_f90				
-rw-r--r-- kloedej/afd_rds	1173	2020-02-12 14:13	Test/Tools/testoutput0	.RunTestLongLines.sc.expected.-
SUPER-UX_sxf90				
-rw-r--r-- kloedej/afd_rds	668	2020-02-12 14:13	Test/Tools/testoutput10	.diff
-rw-r--r-- kloedej/afd_rds	637	2020-02-12 14:13	Test/Tools/testoutput11	.diff
-rw-r--r-- kloedej/afd_rds	709	2020-02-12 14:13	Test/Tools/testoutput12	.diff
-rw-r--r-- kloedej/afd_rds	43	2020-02-12 14:13	Test/Tools/testoutput13	.diff
-rw-r--r-- kloedej/afd_rds	43	2020-02-12 14:13	Test/Tools/testoutput14	.diff
-rw-r--r-- kloedej/afd_rds	587	2020-02-12 14:13	Test/Tools/testoutput15	.diff
-rw-r--r-- kloedej/afd_rds	527	2020-02-12 14:13	Test/Tools/testoutput16	.diff
-rw-r--r-- kloedej/afd_rds	573	2020-02-12 14:13	Test/Tools/testoutput17	.diff
-rw----- kloedej/afd_rds	560	2023-01-26 15:30	Test/Tools/testoutput18	.diff
-rw-r--r-- kloedej/afd_rds	100	2020-02-12 14:13	Test/Tools/testoutput1	.diff
-rw-r--r-- kloedej/afd_rds	815	2020-02-12 14:13	Test/Tools/testoutput2	.diff
-rw-r--r-- kloedej/afd_rds	228	2020-02-12 14:13	Test/Tools/testoutput3	.diff
-rw-r--r-- kloedej/afd_rds	102	2020-02-12 14:13	Test/Tools/testoutput4	.diff
-rw-r--r-- kloedej/afd_rds	43	2020-02-12 14:13	Test/Tools/testoutput5	.diff
-rw-r--r-- kloedej/afd_rds	43	2020-02-12 14:13	Test/Tools/testoutput6	.diff
-rw-r--r-- kloedej/afd_rds	1071	2020-02-12 14:13	Test/Tools/testoutput7	.TestLongLines.expected
-rw-r--r-- kloedej/afd_rds	95	2020-02-12 14:13	Test/Tools/testoutput8	.diff
-rw-r--r-- kloedej/afd_rds	1176	2020-02-12 14:13	Test/Tools/testoutput9	.Test_diff



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