

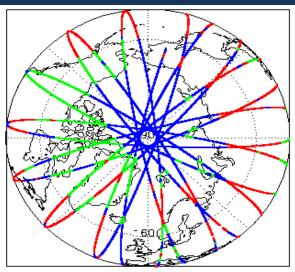
1. Overview

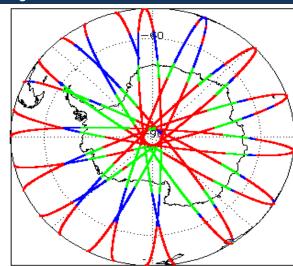
| Report Production Date: | 08-Jan-2020 | |
|-------------------------|-------------------------|--|
| Processor Used: | CryoSat Ice Processor | |
| Data Used: | L1B and L2 OFFLINE Data | |

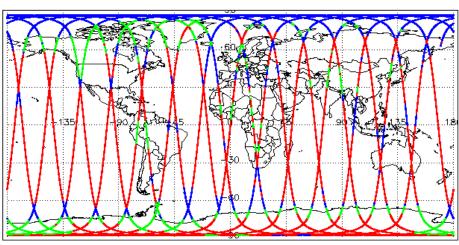
| Check | Status |
|--|-------------------------|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | Nominal |
| Star Tracker Usage Check | Nominal |
| L1B Tracking Flag Check | See Section 4.4 |
| L1B Calibration Usage Check | Nominal |
| L1B & L2 Auxiliary Data File Usage Check | Nominal |
| L1B & L2 Auxiliary Correction Error Check | Nominal |
| L1B & L2 Measurement Confidence Data Check | See Section 4.8 and 5.5 |

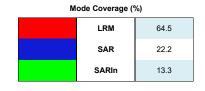
| Mission / Instru | ument News |
|------------------|-----------------|
| 05-Dec-2019 | None |
| 06-Dec-2019 | None |
| 07-Dec-2019 | Nothing planned |

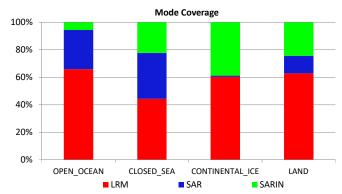
2. Global Coverage

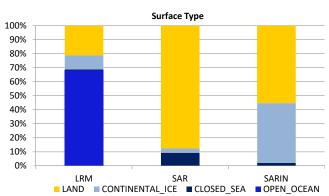












3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

| SIRAL instrument(s) in use: | SIRAL - A |
|-----------------------------|-----------|
|-----------------------------|-----------|

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL).

Number of products with errors:

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

Number of products with errors: 0

4.4 L1B Tracking Flags Check

CryoSat L1B data includes a tracking flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.

Number of products with errors: 103

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20191206T004838_20191206T004933_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T004942_20191206T004955_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T010732_20191206T011008_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T011011_20191206T011804_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T014324_20191206T015549_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T022734_20191206T022818_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T022821_20191206T022828_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T022836_20191206T022902_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T022910_20191206T023037_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T023043 20191206T023054 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T023058_20191206T023129_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T023210_20191206T023320_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T023619_20191206T024649_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T032532_20191206T032924_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T032927 20191206T032945 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T032956_20191206T032956_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T032959_20191206T033117_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T033717_20191206T035015_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T040614 20191206T041034 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T041037 20191206T041057 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T041101_20191206T041119_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T041155 20191206T041157 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T041201_20191206T041209_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T041212_20191206T041633_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T041635_20191206T041727_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T041844_20191206T041954_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T045103_20191206T045221_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T045714_20191206T052349_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T052558_20191206T053135_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T053258_20191206T053345_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T054549_20191206T054904_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T054916_20191206T055244_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T055700_20191206T062219_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T070521_20191206T070538_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T072610_20191206T073427_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T073430_20191206T073606_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T073609 20191206T074011 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T074013 20191206T080111 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T080859_20191206T080111_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T090956_20191206T091050_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T091239_20191206T091333_D001 | Loss of echo | The tracking echo is missing for one or more records The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T091211 20191206T092319 D001 | Loss of echo | The tracking echo is missing for one or more records The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T092418_20191206T092819_D001 | Loss of echo | The tracking echo is missing for one or more records The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T092912_20191206T093305_D001 | Loss of echo | The tracking echo is missing for one or more records The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T104854_20191206T105014_D001 | Loss of echo | |
| | | The tracking echo is missing for one or more records The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T105249_20191206T105816_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T112325_20191206T112820_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T113456_20191206T120748_D001 | Loss of echo | The tracking echo is missing for one or more records |

| CS_OFFL_SIR_LRM_1B_20191206T120751_20191206T120758_D001 | Loss of echo | The tracking echo is missing for one or more records |
|--|--------------|--|
| CS_OFFL_SIR_LRM_1B_20191206T121016_20191206T121044_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T121048_20191206T121052_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T121055_20191206T121107_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T121110_20191206T121134_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T130532_20191206T130725_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T131429_20191206T132139_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T132141_20191206T132953_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T132956_20191206T133022_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T133029_20191206T133148_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T133630_20191206T134420_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T134438_20191206T134513_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T134746_20191206T134757_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T134800_20191206T134922_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T134926_20191206T134945_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T134948_20191206T134950_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T134955_20191206T134959_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T135005_20191206T135012_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T135018_20191206T135101_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T142244_20191206T143735_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T144424_20191206T144637_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T150956_20191206T152431_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T152434_20191206T152507_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T152511_20191206T152519_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T152522_20191206T152617_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T152625_20191206T152654_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T152657_20191206T153048_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T154510_20191206T154552_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T154750_20191206T155730_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T155733_20191206T155739_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T155742_20191206T155947_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T160430_20191206T161858_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T162215_20191206T163041_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T165651_20191206T165718_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T170105_20191206T170141_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T170247_20191206T170930_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T172432_20191206T172921_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T173140 20191206T175753 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T180404 20191206T180854 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T181515_20191206T183750_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T183920 20191206T184748 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T195144_20191206T201931_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T201934_20191206T201952_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T202152_20191206T202307_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T202717_20191206T202922_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T213835 20191206T214227 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS OFFL SIR LRM 1B 20191206T214333 20191206T214725 D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T214821_20191206T215009_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T215522_20191206T215636_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T220130_20191206T220148_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T220148_20191206T220159_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T220426_20191206T220443_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_IB_201912001220420_201912001220443_D001 CS_OFFL_SIR_LRM_1B_20191206T232340_20191206T232944_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T232340_20191206T232944_D001 CS_OFFL_SIR_LRM_1B_20191206T233135_20191206T233615_D001 | Loss of echo | The tracking echo is missing for one or more records |
| | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20191206T235817_20191206T235856_D001 | LUSS UI GUIU | The nationing conto is missing for other or more records |

4.5 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing.

Number of products with errors:

0

4.6 L1B Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 1B products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Block Degraded Flag: This flag is currently set for a number of individual records generally at the start or end of products (all modes), but this is to be expected.

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration.

Number of products with errors:

| Product | Test Failed | Description |
|---|----------------------------|--|
| CS_OFFL_SIR_LRM_1B_20191206T014324_20191206T015549_D001 | Echo error, TRK echo error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo |

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL).

Number of products with errors:

products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 2 products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Freeboard error: This flag is correctly set in all L2 SAR products that are not discriminated as sea-ice, and for which freeboard cannot be calculated.

Height and Backscatter errors: These flags are currently set for products over land, but this is to be expected. Retracker 1 Height and Backscatter error flags are also set for products over sea-ice, but this is to be expected.

Peakiness error: This flag is currently set for products over sea-ice, but this is to be expected.

SARIn X-Track Angle Error: This flag is set when the difference between the computed surface elevation and the DEM is >50 m. The DEM is only available over Greenland and Antarctica and as a result this flag is set for L2 SARIn products in all other locations as expected.

SSHA interpolation error: This flag is currently set for a number of SAR products occurring at surface type boundaries, but this is to be expected.

Number of products with errors:

| Product | Test Failed | Description |
|--|---|--|
| CS_OFFL_SIR_LRM_2_20191206T000216_20191206T002705_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T002836_20191206T003600_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T005511_20191206T010523_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T010732_20191206T011008_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T011011_20191206T011804_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T011818_20191206T012453_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T014324_20191206T015549_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T015723_20191206T020630_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T020747_20191206T021427_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T023619_20191206T024649_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T024852_20191206T024911_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_2_20191206T025155_20191206T025647_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |

| CS_OFFL_SIR_LRM_220191206T033717_20191206T035015_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error | There is a height and backscatter error for Retracker 2 and a height error |
|---|--|--|
| | (Retracker 2) | for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T041635_20191206T041727_D001 | Surface Model Unavailable Height Error (Retracker 2), Backscatter | No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more |
| CS_OFFL_SIR_LRM_220191206T042744_20191206T044310_D001 | Error (Retracker 2) Height Error (Retracker 2), Height Error | records |
| CS_OFFL_SIR_LRM_220191206T045714_20191206T052349_D001 | (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T055700_20191206T062219_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable | There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220191206T063647_20191206T070326_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T072610_20191206T073427_D001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220191206T073609_20191206T074011_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T074013_20191206T080111_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T081723_20191206T085026_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T090302_20191206T090508_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T095558_20191206T101730_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T102016_20191206T102947_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable | There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220191206T104152_20191206T104521_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T110130_20191206T111838_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T113456_20191206T120748_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T123302_20191206T125558_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T131429_20191206T132139_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T132141_20191206T132953_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T133029_20191206T133148_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T133630_20191206T134420_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface Model Unavailable | There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220191206T140454_20191206T142030_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T142244_20191206T143735_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T145340_20191206T150817_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T150956_20191206T152431_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T154510_20191206T154552_D001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220191206T154750_20191206T155730_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T160430_20191206T161858_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T163315_20191206T165545_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T170247_20191206T170930_D001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220191206T173140_20191206T175753_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T181227_20191206T181423_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T181515_20191206T183750_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T191031_20191206T193552_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T195144_20191206T201931_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| | | |

| CS_OFFL_SIR_LRM_2_20191206T202717_20191206T202922_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
|--|---|--|
| CS_OFFL_SIR_LRM_220191206T204212_20191206T211533_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |
| CS_OFFL_SIR_LRM_220191206T222141_20191206T223035_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T223320_20191206T225508_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T231135_20191206T232153_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T232340_20191206T232944_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
| CS_OFFL_SIR_LRM_220191206T233135_20191206T233615_D001 | Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records |