

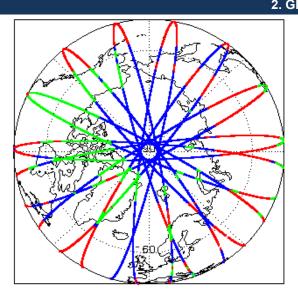
QA4EO Daily Report for OFFLINE data:

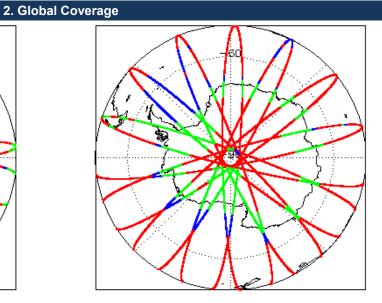
<u>17/03/2020</u>

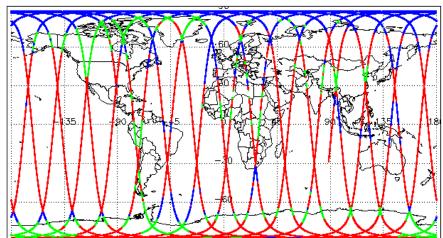
1. Overview

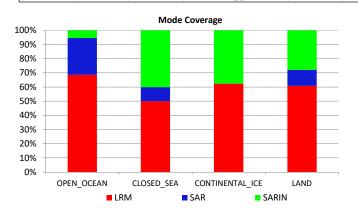
| Report Production Data | 20 Apr 2020 | Check | Status | |
|-------------------------------------|-------------------------|--|-------------------------|--|
| Report Production Date: 20-Apr-2020 | | Server check: science-pds.cryosat.esa.int | Nominal | |
| Processor Used: | CryoSat Ice Processor | Server check: calval-pds.cryosat.esa.int | Nominal | |
| Processor Used: Cryosa | CryoSat ice Processor | Product Software Check | Nominal | |
| Data Used: | L1B and L2 OFFLINE Data | 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 | |

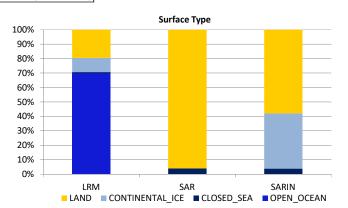
| Mission / Instrument News | | |
|---------------------------|-----------------|--|
| 16-Mar-2020 | None | |
| 17-Mar-2020 | None | |
| 18-Mar-2020 | Nothing planned | |











Mode Coverage (%)

| LRM | 66.2 |
|-------|------|
| SAR | 20.0 |
| SARIn | 13.8 |

3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

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. 0

Number of products with errors:

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: 109

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20200317T000122_20200317T000833_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T002214_20200317T002820_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T002823_20200317T002848_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T002920_20200317T002926_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T002929_20200317T002934_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T002937_20200317T002947_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T003544_20200317T005617_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T011305_20200317T014221_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T020333_20200317T020843_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T020949_20200317T023940_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T034350_20200317T034628_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T034702_20200317T034736_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T034933_20200317T035043_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T035223_20200317T035359_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T035505_20200317T035805_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T035945_20200317T040000_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T040335_20200317T041003_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T042107_20200317T042637_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T052226_20200317T052249_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T052546_20200317T052637_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T052954_20200317T053248_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T053431_20200317T053649_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T060025_20200317T060533_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T061048_20200317T064518_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T064720_20200317T064812_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T075121_20200317T080451_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T080613_20200317T080859_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T081341_20200317T082110_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T082536_20200317T082606_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T082610_20200317T082615_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T082620_20200317T082640_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T082645_20200317T082710_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T082713_20200317T082810_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T085955_20200317T091408_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T092143_20200317T092347_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T093027_20200317T094452_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T094807_20200317T095730_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T095958_20200317T100250_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T100253_20200317T100259_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T100301_20200317T100313_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T100318_20200317T100322_D001 | Loss of echo | The tracking echo is missing for one or more records |

CS OFFL SIR LRM 1B 20200317T100325 20200317T100328 D001 CS OFFL SIR LRM 1B 20200317T100330 20200317T100349 D001 CS OFFL SIR LRM 1B 20200317T100352 20200317T100355 D001 CS_OFFL_SIR_LRM_1B_20200317T100359_20200317T100428_D001 CS OFFL SIR LRM 1B 20200317T100430 20200317T100434 D001 CS_OFFL_SIR_LRM_1B_20200317T100437_20200317T100755_D001 CS OFFL SIR LRM 1B 20200317T102223 20200317T102340 D001 CS OFFL SIR LRM 1B 20200317T102538 20200317T103654 D001 CS_OFFL_SIR_LRM_1B_20200317T104232 20200317T105039 D001 CS OFFL SIR LRM 1B 20200317T105943 20200317T110751 D001 CS OFFL SIR LRM 1B 20200317T113254 20200317T113452 D001 CS OFFL SIR LRM 1B 20200317T113834 20200317T113918 D001 CS_OFFL_SIR_LRM_1B_20200317T113944_20200317T113946_D001 CS_OFFL_SIR_LRM_1B_20200317T113951_20200317T114008_D001 CS OFFL SIR LRM 1B 20200317T114011 20200317T114019 D001 CS_OFFL_SIR_LRM_1B_20200317T114023_20200317T114029_D001 CS_OFFL_SIR_LRM_1B_20200317T114035_20200317T114124_D001 CS_OFFL_SIR_LRM_1B_20200317T114128_20200317T114132_D001 CS_OFFL_SIR_LRM_1B_20200317T114135_20200317T114145_D001 CS_OFFL_SIR_LRM_1B_20200317T114147_20200317T114157_D001 CS_OFFL_SIR_LRM_1B_20200317T114159_20200317T114707_D001 CS_OFFL_SIR_LRM_1B_20200317T120202_20200317T120834_D001 CS OFFL SIR LRM 1B 20200317T120840 20200317T121241 D001 CS_OFFL_SIR_LRM_1B_20200317T121243_20200317T123554_D001 CS OFFL SIR LRM 1B 20200317T124106 20200317T124630 D001 CS_OFFL_SIR_LRM_1B_20200317T124901_20200317T131422_D001 CS_OFFL_SIR_LRM_1B_20200317T131649_20200317T131657_D001 CS OFFL SIR LRM 1B 20200317T131808 20200317T132348 D001 CS OFFL SIR LRM 1B 20200317T132428 20200317T132446 D001 CS OFFL SIR LRM 1B 20200317T134548 20200317T134605 D001 CS OFFL SIR LRM 1B 20200317T134613 20200317T141444 D001 CS_OFFL_SIR_LRM_1B_20200317T142800_20200317T144850_D001 CS OFFL SIR LRM 1B 20200317T144852 20200317T145624 D001 CS_OFFL_SIR_LRM_1B_20200317T145626_20200317T150018_D001 CS OFFL SIR LRM 1B 20200317T161602 20200317T162507 D001 CS_OFFL_SIR_LRM_1B_20200317T162549_20200317T163049_D001 CS OFFL SIR LRM 1B 20200317T163649 20200317T163811 D001 CS_OFFL_SIR_LRM_1B_20200317T163824_20200317T163941_D001 CS_OFEL_SIR_LRM_1B_20200317T164247_20200317T164257_D001 CS OFFL SIR LRM 1B 20200317T165925 20200317T170939 D001 CS OFFL SIR LRM 1B 20200317T180907 20200317T181315 D001 CS OFFL SIR LRM 1B 20200317T181318 20200317T181404 D001 CS_OFFL_SIR_LRM_1B_20200317T181423_20200317T181611_D001 CS_OFFL_SIR_LRM_1B_20200317T183522_20200317T183618_D001 CS OFFL SIR LRM 1B 20200317T191904 20200317T192257 D001 CS_OFFL_SIR_LRM_1B_20200317T201354_20200317T201525_D001 CS OFFL SIR LRM 1B 20200317T201531 20200317T201550 D001 CS_OFFL_SIR_LRM_1B_20200317T201553_20200317T201612_D001 CS OFFL SIR LRM 1B 20200317T203306 20200317T203422 D001 CS_OFFL_SIR_LRM_1B_20200317T203424_20200317T203555_D001 CS_OFFL_SIR_LRM_1B_20200317T203711_20200317T205048_D001 CS OFFL SIR LRM 1B 20200317T210809 20200317T212106 D001 CS OFFL SIR LRM 1B 20200317T212108 20200317T212123 D001 CS_OFFL_SIR_LRM_1B_20200317T212338_20200317T213539 D001 CS OFFL SIR LRM 1B 20200317T215250 20200317T215654 D001 CS_OFFL_SIR_LRM_1B_20200317T215656_20200317T215700_D001 CS OFFL SIR LRM 1B 20200317T215703 20200317T215802 D001 CS_OFFL_SIR_LRM_1B_20200317T215805_20200317T215819_D001 CS_OFFL_SIR_LRM_1B_20200317T215821_20200317T215842_D001 CS OFFL SIR LRM 1B 20200317T215845 20200317T215955 D001 CS OFFL SIR LRM 1B 20200317T220302 20200317T221325 D001 CS_OFFL_SIR_LRM_1B_20200317T224742_20200317T224938_D001 CS OFFL SIR LRM 1B 20200317T225218 20200317T225742 D001 CS_OFFL_SIR_LRM_1B_20200317T230225_20200317T230315_D001

Loss of echo l oss of echo Loss of echo l oss of echo Loss of echo l oss of echo Loss of echo l oss of echo 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_20200317T230318_20200317T230716_D001 | Loss of echo | The tracking echo is missing for one or more records |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20200317T230839_20200317T231548_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T233048_20200317T233119_D001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20200317T233138_20200317T233642_D001 | Loss of echo | The tracking echo is missing for one 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:

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.

Number of products with errors:

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:

| CS_OFFL_SIR_LRM_1B_20200317T040335_20200317T041003_D001 Echo error, TRK echo error Trk echo erro | Rx1 Echo Error flag is set, |
|--|-----------------------------|

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:

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

Number of products with errors.

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.

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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_220200316T235805_20200317T000110_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_220200317T003544_20200317T005617_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_220200317T011305_20200317T014221_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_220200317T020949_20200317T023940_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_220200317T025240_20200317T032747_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_220200317T035223_20200317T035359_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_220200317T043145_20200317T050602_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_220200317T053858_20200317T055838_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_220200317T061048_20200317T064518_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_220200317T071028_20200317T071457_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_220200317T071530_20200317T073307_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_220200317T075121_20200317T080451_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_220200317T080613_20200317T080859_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_220200317T081341_20200317T082110_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_220200317T082713_20200317T082810_D001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220200317T084057_20200317T085809_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_220200317T085955_20200317T091408_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_220200317T093027_20200317T094452_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_220200317T094807_20200317T095730_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_220200317T102223_20200317T102340_D001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220200317T102538_20200317T103654_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_220200317T104232_20200317T105039_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_220200317T110943_20200317T112542_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_220200317T120840_20200317T121241_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_220200317T121243_20200317T123554_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_220200317T124901_20200317T131422_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_220200317T134613_20200317T141444_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_220200317T142800_20200317T144850_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_220200317T144852_20200317T145624_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_220200317T152000_20200317T155413_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_220200317T165925_20200317T170939_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_220200317T171032_20200317T173338_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_220200317T174538_20200317T180539_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_220200317T183750_20200317T191123_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_220200317T192459_20200317T192909_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_220200317T192947_20200317T200115_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_220200317T201553_20200317T201612_D001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220200317T202113_20200317T202825_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_220200317T203306_20200317T203422_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_220200317T203424_20200317T203555_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_220200317T203711_20200317T205048_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_220200317T210809_20200317T212106_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_220200317T212338_20200317T213539_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_220200317T220302_20200317T221325_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_220200317T221505_20200317T223001_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_220200317T225218_20200317T225742_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_220200317T230318_20200317T230716_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_220200317T230839_20200317T231548_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_220200317T234727_20200318T000909_D001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |