

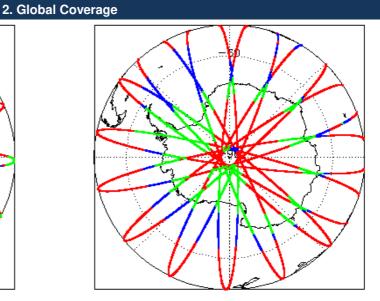
QA4EO Daily Report for OFFLINE data:

1. Overview

Check Status **Report Production Date:** 21-Jun-2023 Server check: science-pds.cryosat.esa.int Nominal Server check: calval-pds.cryosat.esa.int Nominal Processor Used: CryoSat Ice Processor Product Software Check Nominal Product Format Check Nominal Data Used: L1B and L2 OFFLINE Data Product Header Analysis Nominal Star Tracker Usage Check Nominal L1B Tracking Flag Check e Section 4.4 We would love to hear from you! Please let us know your feedback about these daily quality L1B Calibration Usage Check Nominal reports: What do you like/ dislike? What quality information do L1B & L2 Auxiliary Data File Usage Check Nominal you need? Send your feedback to L1B & L2 Auxiliary Correction Error Check See Section 4.7 and 5.4 cs2_qc_team@telespazio.com L1B & L2 Measurement Confidence Data Check See Section 4.8 and 5.5 QCC Errors/ Warnings See Section 6.1, 6.2 and 6.3

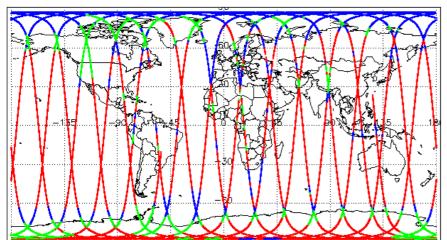
Mission / Instrument News 20-May-2023 None 21-May-2023 None

22-May-2023 Nothing planned



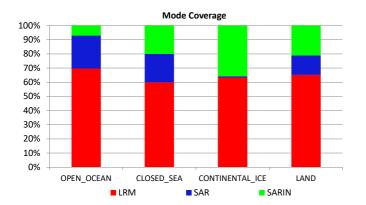
21/05/2023

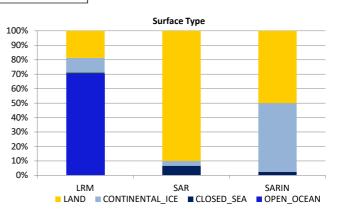
IDEAS-QA4E0





| LRM | 68.0 |
|-------|------|
| SAR | 19.0 |
| SARIn | 13.0 |





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.

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Number of products with errors:

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20230520T235524_20230521T001022_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T001701_20230521T001917_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T002623_20230521T004055_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T004235_20230521T004355_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T004400_20230521T004411_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T004414_20230521T005401_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T005404_20230521T005822_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T005824_20230521T005830_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T005909_20230521T010324_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T010405_20230521T010427_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T011735_20230521T011935_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T012037_20230521T012639_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T012801_20230521T013022_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T013114_20230521T013132_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T013136_20230521T013149_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T013151_20230521T013154_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T013158_20230521T013227_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T013231_20230521T013243_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T015452_20230521T020322_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T023335_20230521T023417_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T023530_20230521T023537_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T023539_20230521T023622_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T023630_20230521T023632_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T023634_20230521T024206_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T025712_20230521T030154_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T030406_20230521T030551_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T030554_20230521T030554_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T030556_20230521T030654_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T030656_20230521T033037_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T034903_20230521T041045_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T041156_20230521T041400_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T041506_20230521T041830_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T041830_20230521T042022_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T044113_20230521T044118_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T052351_20230521T054822_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T054824_20230521T055233_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T055534_20230521T055549_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T055622_20230521T055803_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T060011_20230521T060048_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T071112_20230521T071510_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T071616_20230521T071655_E001 | Loss of echo | The tracking echo is missing for one or more records |

CS OFFL SIR LRM 1B 20230521T071658 20230521T071940 E001 CS OFFL SIR LRM 1B 20230521T072036 20230521T072114 E001 CS OFFL SIR LRM 1B 20230521T072120 20230521T072133 E001 CS_OFFL_SIR_LRM_1B_20230521T072136_20230521T072251_E001 CS OFFL SIR LRM 1B 20230521T072805 20230521T072929 E001 CS_OFFL_SIR_LRM_1B_20230521T073410_20230521T073433_E001 CS OFFL SIR LRM 1B 20230521T073433 20230521T073505 E001 CS OFFL SIR LRM 1B 20230521T085625 20230521T090234 E001 CS_OFEL_SIB_LBM_1B_20230521T090418_20230521T090859_E001 CS OFFL SIR LRM 1B 20230521T093057 20230521T093059 E001 CS OFFL SIB LBM 1B 20230521T093103 20230521T093218 E001 CS OFFL SIR LRM 1B 20230521T110930 20230521T111009 E001 CS OFFL SIR LRM 1B 20230521T111012 20230521T111032 E001 CS OFFL SIR LRM 1B 20230521T111034 20230521T111034 E001 CS_OFFL_SIR_LBM_1B_20230521T111036_20230521T111048_E001 CS_OFFL_SIR_LRM_1B_20230521T111050_20230521T111123_E001 CS OFFL SIR LRM 1B 20230521T111129 20230521T111134 E001 CS_OFFL_SIR_LRM_1B_20230521T111137_20230521T111200_E001 CS OFFL SIR LRM 1B 20230521T111424 20230521T111837 E001 CS_OFFL_SIR_LRM_1B_20230521T111839_20230521T112928_E001 CS_OFFL_SIR_LRM_1B_20230521T112930_20230521T113025_E001 CS_OFFL_SIR_LBM_1B_20230521T113040_20230521T114601_E001 CS OFFL SIR LRM 1B 20230521T120253 20230521T121254 E001 CS OFFL SIR LRM 1B 20230521T121400 20230521T121652 E001 CS_OFFL_SIR_LRM_1B_20230521T123031_20230521T123153_E001 CS OFFL SIR LRM 1B 20230521T123228 20230521T123416 E001 CS OFFL SIR LRM 1B 20230521T124832 20230521T125205 E001 CS OFFL SIR LRM 1B 20230521T125207 20230521T125218 E001 CS OFFL SIR LRM 1B 20230521T125221 20230521T125650 E001 CS OFFL SIR LRM 1B 20230521T125652 20230521T125653 E001 CS OFFL SIR LRM 1B 20230521T125656 20230521T130903 E001 CS_OFFL_SIR_LRM_1B_20230521T133309_20230521T133411_E001 CS_OFFL_SIR_LRM_1B_20230521T134015_20230521T140004_E001 CS_OFFL_SIR_LRM_1B_20230521T140006_20230521T140252_E001 CS_OFFL_SIR_LRM_1B_20230521T140414_20230521T141238_E001 CS_OFFL_SIR_LRM_1B_20230521T141527_20230521T141553_E001 CS OFFL SIR LRM 1B 20230521T142642 20230521T143233 E001 CS_OFFL_SIR_LRM_1B_20230521T143235_20230521T143243_E001 CS_OFEL_SIR_LBM_1B_20230521T143247_20230521T143406_E001 CS_OFFL_SIR_LRM_1B_20230521T143410_20230521T143410_E001 CS_OFFL_SIR_LBM_1B_20230521T143412_20230521T143447_E001 CS_OFFL_SIR_LRM_1B_20230521T143541_20230521T143617_E001 CS_OFFL_SIR_LBM_1B_20230521T150809_20230521T151145_E001 CS OFFL SIR LRM 1B 20230521T151826 20230521T154455 E001 CS_OFFL_SIR_LBM_1B_20230521T154457_20230521T154546_E001 CS_OFFL_SIR_LRM_1B_20230521T154549_20230521T154652_E001 CS OFFL SIR LRM 1B 20230521T160757 20230521T160930 E001 CS_OFFL_SIR_LRM_1B_20230521T160943_20230521T161627_E001 CS OFFL SIR LRM 1B 20230521T161630 20230521T161636 E001 CS_OFFL_SIR_LRM_1B_20230521T161755_20230521T164357_E001 CS_OFFL_SIR_LRM_1B_20230521T174818_20230521T175117_E001 CS_OFFL_SIR_LBM_1B_20230521T175150_20230521T175327_E001 CS OFFL SIR LRM 1B 20230521T175330 20230521T175332 E001 CS OFFL SIR LRM 1B 20230521T175433 20230521T175838 E001 CS_OFFL_SIR_LRM_1B_20230521T175840_20230521T180137_E001 CS OFFL SIR LRM 1B 20230521T180140 20230521T180211 E001 CS OFFL SIR LRM 1B 20230521T180237 20230521T181238 E001 CS OFFL SIR LRM 1B 20230521T182552 20230521T183133 E001 CS OFFL SIR LRM 1B 20230521T183745 20230521T191125 E001 CS OFFL SIR LRM 1B 20230521T192626 20230521T192636 E001 CS OFFL SIR LRM 1B 20230521T193018 20230521T193136 E001 CS_OFFL_SIR_LRM_1B_20230521T193147_20230521T193250_E001 CS OFFL SIR LRM 1B 20230521T193918 20230521T194349 E001 CS_OFFL_SIR_LRM_1B_20230521T194406_20230521T200222_E001

Loss of echo oss of echo Loss of echo 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_20230521T200519_20230521T201028_E001 | Loss of echo | The tracking echo is missing for one or more records |
|---|--------------|--|
| CS_OFFL_SIR_LRM_1B_20230521T205131_20230521T205218_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T205220_20230521T205237_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T205240_20230521T205309_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T211506_20230521T211942_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T212022_20230521T213755_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T223039_20230521T223048_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T223051_20230521T223156_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T223200_20230521T223202_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T223206_20230521T223304_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T230448_20230521T231810_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T233540_20230521T235105_E001 | Loss of echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_LRM_1B_20230521T235307_20230522T000229_E001 | 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: 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. Number of products with errors: 0

| 4.7 L1B Auxiliary Correction Error Check | | | |
|--|--|---|--|
| CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set. | | | |
| Number of products with errors: 1 | | | |
| Product | Test Failed | Description | |
| CS_OFFL_SIR_SAR_1B_20230521T223033_20230521T223035_E001 | Dry tropospheric Correction Error, Wet tro | Due to missing Forecast Auxiliary Files, there is an error with the Dry | |

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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 Applied 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: 3

| Product | Test Failed | Description |
|---|----------------------------|--|
| CS_OFFL_SIR_LRM_1B_20230521T011735_20230521T011935_E001 | Echo error, TRK echo error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo |
| CS_OFFL_SIR_LRM_1B_20230521T140414_20230521T141238_E001 | Echo error, TRK echo error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo |
| CS_OFFL_SIR_LRM_1B_20230521T193018_20230521T193136_E001 | 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:

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.

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:

5.4 L2 Auxiliary Correction Error Check

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

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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.

Sea State Bias error: This flag is currently set in all L2 LRM products over ocean, indicating a problem with the sea state bias Due to a known anomaly, the sea state bias field is currently unfilled in all Baseline-E L2 LRM products. This anomaly will be resolved in the next IPF update.

Snow Depth Model error: This flag is currently set in all L2 SAR products over ocean, which fall outside of the extent of the current snow depth model. Currently the snow depth model is only available over the high-latitude Arctic. There is no model currently provided for the Antarctic or marginal Arctic regions. An updated model will be provided in the next IPF update.

| Product | est Failed | Description |
|---|-----------------|---|
| CS_OFFL_SIR_SAR_220230521T001022_20230521T001059_E001 Sr | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T002553_20230521T002622_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T004056_20230521T004234_E001 Sr | now dopth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T005831_20230521T005908_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records |
| | now depth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | now depth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_2_20230521T013022_20230521T013113_E001 Sr | now depth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_2_20230521T013243_20230521T013447_E001 Sr | now depth model | falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T015134_20230521T015303_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T020514_20230521T020553_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T022825_20230521T022931_E001 Sr | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T022935_20230521T023006_E001 Sr | now denth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T023624_20230521T023630_E001 | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T025451_20230521T025712_E001 | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T030154_20230521T030405_E001 Sr | now dopth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T033038_20230521T033238_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T034345_20230521T034522_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS OFFL SIR SAR 2 20230521T034726 20230521T034728 E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_220230521T034737_20230521T034902_E001 Sr | now dopth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | now depth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| | now depth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_2_20230521T050927_20230521T051208_E001 Sr | now depth model | Talls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_2_20230521T052330_20230521T052350_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_2_20230521T055233_20230521T055438_E001 Sr | now depth model | falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T055803_20230521T060011_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T061257_20230521T061312_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T064829_20230521T065200_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T070152_20230521T070310_E001 Sr | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T070513_20230521T070710_E001 Sr | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T070833_20230521T071111_E001 | | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T072929_20230521T073310_E001 Sr | now denth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T073518_20230521T073647_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T074212_20230521T075103_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T075235_20230521T075332_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_2_20230521T075355_20230521T075411_E001 Sr | now depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS OFFL SIR SAR 2 20230521T082753 20230521T083044 E001 Sr | now dopth model | There is an error with the Snow Depth value, where one or more records |
| CS OFFL SIR SAR 2 20230521T083518 20230521T083524 E001 Sr | now depth model | falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
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| CS_OFFL_SIR_SAR_220230521T101417_20230521T101422_E001 Sr | now depth model | falls outside of the extent of the current snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records |
| CS_OFFL_SIR_SAR_2_20230521T101430_20230521T101436_E001 | | fails outside of the extent of the current snow depth model |

CS OFFL SIR SAR 2 20230521T101917 20230521T102516 E001 CS_OFFL_SIR_SAR_2__20230521T105600_20230521T105618_E001 CS OFFL SIR SAR 2 20230521T111200 20230521T111423 E001 CS OFFL SIR SAR 2 20230521T113025 20230521T113039 E001 CS_OFFL_SIR_SAR_2__20230521T114602_20230521T114628_E001 CS OFFL SIR SAR 2 20230521T115316 20230521T115322 E001 CS_OFFL_SIR_SAR_2__20230521T115329_20230521T115335_E001 CS OFFL SIR SAR 2 20230521T115733 20230521T115737 E001 CS OFFL SIR SAR 2 20230521T115900 20230521T120252 E001 CS_OFFL_SIR_SAR_2__20230521T121652_20230521T121823_E001 CS OFFL SIR SAR 2 20230521T123154 20230521T123227 E001 CS_OFFL_SIR_SAR_2__20230521T123416_20230521T123445_E001 CS_OFFL_SIR_SAR_2__20230521T123445_20230521T123502_E001 CS OFFL SIR SAR 2 20230521T123804 20230521T123910 E001 CS_OFFL_SIR_SAR_2__20230521T130903_20230521T131042_E001 CS_OFFL_SIR_SAR_2__20230521T132458_20230521T132541_E001 CS_OFFL_SIR_SAR_2__20230521T133227_20230521T133234_E001 CS_OFFL_SIR_SAR_2__20230521T141239_20230521T141527_E001 CS_OFFL_SIR_SAR_2_20230521T144002_20230521T144150_E001 CS OFFL SIR SAR 2 20230521T150355 20230521T150535 E001 CS_OFFL_SIR_SAR_2__20230521T151715_20230521T151826_E001 CS OFFL SIR SAR 2 20230521T164357 20230521T164418 E001 CS_OFFL_SIR_SAR_2_20230521T165604_20230521T165808_E001 CS OFFL SIR SAR 2 20230521T174416 20230521T174817 E001 CS OFFL SIR SAR 2 20230521T175338 20230521T175419 E001 CS OFFL SIR SAR 2 20230521T175421 20230521T175433 E001 CS_OFFL_SIR_SAR_2_20230521T180212_20230521T180236_E001 CS_OFFL_SIR_SAR_2__20230521T181238_20230521T181742_E001 CS_OFFL_SIR_SAR_2_20230521T182312_20230521T182433_E001 CS_OFFL_SIR_SAR_2__20230521T183450 20230521T183744 E001 CS OFFL SIR SAR 2 20230521T191257 20230521T191301 E001 CS_OFFL_SIR_SAR_2__20230521T192258_20230521T192429_E001 CS OFFL SIR SAR 2 20230521T192636 20230521T193018 E001 CS_OFFL_SIR_SAR_2__20230521T193251_20230521T193611_E001 CS OFFL SIR SAR 2 20230521T200222 20230521T200353 E001 CS OFFL SIR SAR 2 20230521T201334 20230521T201646 E001 CS_OFFL_SIR_SAR_2__20230521T205056_20230521T205123_E001 CS_OFFL_SIR_SAR_2__20230521T205125_20230521T205130_E001 CS_OFFL_SIR_SAR_2_20230521T210023_20230521T210251_E001 CS_OFFL_SIR_SAR_2__20230521T210320_20230521T210416_E001 CS OFFL SIR SAR 2 20230521T210452 20230521T211506 E001 CS OFFL SIR SAR 2 20230521T213755 20230521T214425 E001 CS_OFFL_SIR_SAR_2_20230521T215454_20230521T215644_E001 CS OFFL SIR SAR 2 20230521T222738 20230521T222819 E001 CS_OFFL_SIR_SAR_2_20230521T222908_20230521T223014_E001 CS OFFL SIR SAR 2 20230521T223016 20230521T223031 E001

Snow depth model Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model

There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls 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current snow depth mode

The auxiliary corrections are missing for one or more record; under investigation.

CS OFFL SIR SAR 2 20230521T223033 20230521T223035 E001

There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

| CS_OFFL_SIR_SAR_220230521T224452_20230521T224529_E001 | Snow depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
|---|------------------------|---|
| CS_OFFL_SIR_SAR_220230521T230400_20230521T230448_E001 | Snow depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T231810_20230521T232247_E001 | Snow depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T233522_20230521T233539_E001 | Snow depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SAR_220230521T235105_20230521T235306_E001 | Snow depth model | There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model |
| CS_OFFL_SIR_SIN_220230521T001059_20230521T001700_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T051348_20230521T051606_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T065201_20230521T065514_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T083045_20230521T083404_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T115521_20230521T115733_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T133412_20230521T134015_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T201029_20230521T201334_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T214425_20230521T214721_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T214932_20230521T215454_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |
| CS_OFFL_SIR_SIN_220230521T232248_20230521T232643_E001 | Mean Sea Surface model | There is an error with the Mean Sea Surface for one or more records |

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag 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.

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.

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.

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.

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.

Number of products with errors:

| Product | Test Failed | Description |
|---|---|--|
| CS_OFFL_SIR_LRM_220230520T235524_20230521T001022_E001 | 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_220230521T002623_20230521T004055_E001 | 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_220230521T004235_20230521T004355_E001 | 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_220230521T004414_20230521T005401_E001 | 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_220230521T010405_20230521T010427_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220230521T011735_20230521T011935_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220230521T012037_20230521T012639_E001 | 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_220230521T012801_20230521T013022_E001 | 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_220230521T013114_20230521T013132_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220230521T013136_20230521T013149_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220230521T013641_20230521T015134_E001 | 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_220230521T020554_20230521T022825_E001 | 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_220230521T025415_20230521T025451_E001 | 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_220230521T030656_20230521T033037_E001 | 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_220230521T034903_20230521T041045_E001 | 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_220230521T044313_20230521T050927_E001 | 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_220230521T052351_20230521T054822_E001 | 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 |

| CRUCKPEL_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace of X, Register W CRUCKPE_DOM_INVXOUSDATTINGUMREQUIRED Image to Replace of X, Register W Image to Replace of X, Register W Image to Replace | CS_OFFL_SIR_LRM_220230521T054824_20230521T055233_E001 | Height Error (Retracker 2), Backscatter Error (Retracker 2) | There is a height and backscatter error for Retracker 2 for one or more records |
|---|---|--|---|
| Description model model Display House A Additional House additional House House A Processing Additional House Additional House A Processing Additional House Addition House Additional House Addition House Addition Hous | CS_OFFL_SIR_LRM_220230521T060011_20230521T060048_E001 | (Retracker 3), Backscatter Error | |
| Number Additional Control (Note: Note: Note | CS_OFFL_SIR_LRM_220230521T061446_20230521T064828_E001 | | 5 |
| Control Description Description Description Control | CS_OFFL_SIR_LRM_220230521T072805_20230521T072929_E001 | | |
| Computer Section 20, Section 20 | CS_OFFL_SIR_LRM_220230521T073815_20230521T074212_E001 | | |
| Charge Strate 2 Boods DR. OFTL, SPL UM 2_INSTRUCT MONSEL, DOI 10 Hey' Enry Pressner 2, Naccusar Instruments 1; Hey's Enry Pressner 2, Naccusar I | CS_OFFL_SIR_LRM_220230521T075411_20230521T082753_E001 | | |
| Mark Difference Description Description Description Description Description CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height and backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height and backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height end backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height end backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height end backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height end backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring The sea a height end backgabe error for Reinsoer 2 and a height error CBOPEL_SBU_LIMSINSCREPTIONSER_EDIT Mark Terring Personertings of Standard Terring Terri | CS_OFFL_SIR_LRM_220230521T084234_20230521T085437_E001 | | |
| G.S., C.F.L. SHI, LEW, Z., 20200011102016, 202000211102005, E001 Perindeur SJ, Backconter Envir Perindeur SJ, Perindeur SJ, Perint Envir Perindeur SJ, Perint E | CS_OFFL_SIR_LRM_220230521T085625_20230521T090234_E001 | | |
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| CS_OFFL_SIR_LRM_2_20230521T183745_20230521T191125_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more error for Retracker 2 for one or m | CS_OFFL_SIR_LRM_220230521T180237_20230521T181238_E001 | | |
| CS_OFFL_SIR_LRM_2_202305211103745_20230521110125_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_202305211102757_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more | CS_OFFL_SIR_LRM_220230521T182552_20230521T183133_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| | CS_OFFL_SIR_LRM_220230521T183745_20230521T191125_E001 | | |
| | CS_OFFL_SIR_LRM_220230521T192430_20230521T192527_E001 | | |

| CS_OFFL_SIR_LRM_220230521T193147_20230521T193250_E001 | 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_220230521T194406_20230521T200222_E001 | 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_220230521T201646_20230521T205055_E001 | 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_220230521T205240_20230521T205309_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220230521T211506_20230521T211942_E001 | 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_220230521T212022_20230521T213755_E001 | 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_220230521T215644_20230521T222737_E001 | 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_220230521T223051_20230521T223156_E001 | Surface Model Unavailable | No DEM or Slope Model was used for the location of one or more records |
| CS_OFFL_SIR_LRM_220230521T224530_20230521T230400_E001 | 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_220230521T230448_20230521T231810_E001 | 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_220230521T233540_20230521T235105_E001 | 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_20230521T235307_20230522T000229_E001 | 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_SAR_2_20230521T001022_20230521T001059_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T002553_20230521T002622_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T004056_20230521T004234_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T010427_20230521T010510_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T010555_20230521T010719_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T010719_20230521T011011_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T011224_20230521T011407_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T011622_20230521T011734_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T011936_20230521T012037_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T015134_20230521T015303_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T020514_20230521T020553_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T022825_20230521T022931_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T024207_20230521T024255_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T024255_20230521T024546_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T024552_20230521T024924_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T025451_20230521T025712_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T033038_20230521T033238_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T034345_20230521T034522_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T034726_20230521T034728_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T034737_20230521T034902_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T042022_20230521T042133_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T042241_20230521T042337_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |

| CS_OFFL_SIR_SAR_220230521T042513_20230521T042830_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
|--|---|--|
| CS_OFFL_SIR_SAR_220230521T042921_20230521T042949_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T044134_20230521T044313_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T050927_20230521T051208_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T052330_20230521T052350_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T055233_20230521T055438_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T055803_20230521T060011_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T060155_20230521T060317_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T060339_20230521T061138_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T064829_20230521T065200_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T070152_20230521T070310_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T070513_20230521T070710_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T070833_20230521T071111_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T072929_20230521T073310_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T073518_20230521T073647_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T074212_20230521T075103_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T075142_20230521T075154_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T075235_20230521T075332_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T075355_20230521T075411_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T082753_20230521T083044_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T084056_20230521T084234_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T085437_20230521T085624_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T090900_20230521T091549_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T091549_20230521T091730_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T091816_20230521T091958_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T092311_20230521T093057_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T093219_20230521T093321_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T100639_20230521T100722_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T101917_20230521T102516_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T105600_20230521T105618_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T110210_20230521T110752_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T110808_20230521T110930_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T111200_20230521T111423_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T113025_20230521T113039_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |

| CS_OFFL_SIR_SAR_220230521T114602_20230521T114628_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
|--|---|--|
| CS_OFFL_SIR_SAR_220230521T115733_20230521T115737_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T115900_20230521T120252_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T123154_20230521T123227_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T123416_20230521T123445_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T123445_20230521T123502_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T123804_20230521T123910_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T124125_20230521T124653_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T130903_20230521T131042_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T132458_20230521T132541_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T141239_20230521T141527_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T141950_20230521T142000_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T142111_20230521T142511_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T142545_20230521T142641_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T144002_20230521T144150_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T150355_20230521T150535_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T151715_20230521T151826_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T155811_20230521T160757_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T164357_20230521T164418_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T165604_20230521T165808_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T173535_20230521T174240_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T174416_20230521T174817_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T175338_20230521T175419_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T181238_20230521T181742_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T182312_20230521T182433_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T183450_20230521T183744_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T191342_20230521T191359_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T191423_20230521T192122_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T192123_20230521T192159_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T192227_20230521T192251_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T192258_20230521T192429_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T192636_20230521T193018_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T193251_20230521T193611_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T200222_20230521T200353_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |

| CS_OFFL_SIR_SAR_220230521T201334_20230521T201646_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
|--|---|---|
| CS_OFFL_SIR_SAR_220230521T205056_20230521T205123_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T205309_20230521T210022_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T210023_20230521T210251_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T210320_20230521T210416_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T210452_20230521T211506_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T213755_20230521T214425_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T215454_20230521T215644_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T222738_20230521T222819_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T222908_20230521T223014_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T223305_20230521T223401_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T223456_20230521T223916_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T223917_20230521T224029_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T224452_20230521T224529_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T230400_20230521T230448_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_2_20230521T231810_20230521T232247_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T233522_20230521T233539_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SAR_220230521T235105_20230521T235306_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T001059_20230521T001700_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T001918_20230521T001955_E001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T002415_20230521T002553_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T010510_20230521T010554_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T011011_20230521T011224_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T011408_20230521T011621_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T012639_20230521T012801_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T013448_20230521T013640_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T015304_20230521T015451_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T020322_20230521T020514_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T023007_20230521T023335_E001 | SARIn X-track Angle Error, Surface model unavailable | An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T023418_20230521T023530_E001 | SARIn X-track Angle Error, Surface model unavailable | An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T024547_20230521T024552_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T024925_20230521T025415_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T033239_20230521T033359_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |

| CS_OFFL_SIR_SIN_220230521T033553_20230521T033646_E001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
|---|---|---|
| CS_OFFL_SIR_SIN_220230521T034130_20230521T034345_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T034728_20230521T034736_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T041045_20230521T041155_E001 | SARIn X-track Angle Error, Surface model unavailable | An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records |
| CS_OFFL_SIR_SIN_220230521T042133_20230521T042240_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T042337_20230521T042513_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T042831_20230521T042921_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T042949_20230521T044112_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T051209_20230521T051328_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T051348_20230521T051606_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T052202_20230521T052329_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T060048_20230521T060052_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T060317_20230521T060339_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T061313_20230521T061445_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T065201_20230521T065514_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T070034_20230521T070151_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T073310_20230521T073349_E001 | SARIn X-track Angle Error, Surface model unavailable | An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records |
| CS_OFFL_SIR_SIN_220230521T073648_20230521T073814_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T075103_20230521T075142_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T075154_20230521T075235_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T075333_20230521T075355_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T083045_20230521T083404_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T083931_20230521T084056_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T091730_20230521T091815_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T091959_20230521T092310_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T100722_20230521T100827_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T100827_20230521T100909_E001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T101737_20230521T101916_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T105618_20230521T105744_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T110112_20230521T110209_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T110752_20230521T110808_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T114628_20230521T114809_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |

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| Ch. Oriel, Bill, Dir. 2. 20200211112002. 202002111001. 2020021110001. 202002111001. 202002111001. 202002111001. 202002111001. 202 | CS_OFFL_SIR_SIN_220230521T115521_20230521T115733_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CQ_DPT_GPT_GPT_GPT_GPT_GPT_GPT_GPT_GPT_GPT_G | CS_OFFL_SIR_SIN_220230521T115738_20230521T115859_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CI OPEL 56: 58: 12 20202011102511 20202011102511 20202011102511 20202011102511 2020202011102511 20202011102511 <td>CS_OFFL_SIR_SIN_220230521T123502_20230521T123803_E001</td> <td>Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model</td> <td>was detected for SARIn mode, and no DEM or Slope Model was used for</td> | CS_OFFL_SIR_SIN_220230521T123502_20230521T123803_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| 00.0000000000000000000000000000000000 | CS_0FFL_SIR_SIN_220230521T123911_20230521T124125_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| 03_0FT_USH_BR_2_2000001110014_2000001110001_0001 Receards for (Proceed 9), SART An and question of a finance and a secole. International finance and a secole. 03_0FT_USH_2_2000001110012_2000001110001_2000001110000_0001 SART Area Area Secole and Area Area Secole and Area Area Secole and Area Area Secole and Area Area Area Area A | CS_OFFL_SIR_SIN_220230521T124653_20230521T124831_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| Open Party Sup_Parts Sup_Parts Support 11 Support Support 11 Support 21 Support 21 Support 11 Support 21 Supp | CS_OFFL_SIR_SIN_220230521T132541_20230521T132727_E001 | Backscatter Error (Retracker 3), SARIn X | |
| CB_OPE_SR_SRSEVESEVENTIFIESE Redecate from (Proceeder, 3), SAMe Note in a backwater with the sevence man except in a backwater with the sevence in a backwater with the sevence man except in | CS_OFFL_SIR_SIN_220230521T133246_20230521T133252_E001 | SARIn X-track Angle Error | |
| Backade Enror (Pressule 2), Backade Enror (Pressule 2), Ba | CS_OFFL_SIR_SIN_220230521T133412_20230521T134015_E001 | Backscatter Error (Retracker 3), SARIn X | |
| CB_OFFL_SIN_SIN_2_0203021114/000_00005821142111-E011 Balascatter Enror (Pressure 7), SATIN, Yumen and and and an analyze and a sum and and and and an analyze and a sum and | CS_OFFL_SIR_SIN_220230521T140252_20230521T140414_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| Construction Endedector Error (Perinder 3) Intel 6 addector error (Perinder 3) CS OFFL_SIR_SN_2_20200511146012_202305211146012_2001 SAFL An antiguota engle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. 2 and 3 and antiguota angle was detected for SAFL model. The set is babacter error for thereise 2 and 3 and antiguota angle was detected for SAFL model. There is a babacter error for thereise 2 and 3 and antiguota angle was detected for SAFL model. There is a babacter error for thereise 2 and 3 and antiguota angle was detected for SAFL model. There is a babacter error for thereise 2 and 3 and antiguota angle was detected for SAFL model. There is a babacter for formation 2. CS_OFFL_SIR_SN_2_2020051116651_20200521116651_E001 SAFL May Error. Surface model was used for more model. CS_OFFL_SIR_SN_2_2020051116651_20200521116651_E001 SAFL May Error. Surface model was used for more model. CS_OFFL_SIR_SN_2_2020051116651_20200521116651_E001 SAFL May Error. Surface model was used for more model. CS_OFFL_SIR_SN_2_2020051116651_20205521116650_E001 SAFL May Error. Formation 2. An antinguota engle was detected for SAFL model for o forma | CS_OFFL_SIR_SIN_220230521T141553_20230521T141949_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| G8. OFFL_SIR_SNL2_2020021114512_2020021114546_E001 Backscatter Emr (Flatader 3), SARh X Mark and Error, Share model warababe Backscatter Emr (Flatader 3), SARh X Sark Ange Error, Share model warababe Cs_OFFL_SIR_SNL2_2020021114500_0200201114600_E001 Backscatter Emr (Flatader 3), SARh X Sark Ange Error, Share and Share Mark Ange Error, Share Ange Error, Share and Share Mark Ange Error, Share | CS_OFFL_SIR_SIN_220230521T142000_20230521T142111_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| MCDPFL_SIR_SIN_2202305211150306_E001 GS_OFFL_SIR_SIN_2202305211150396_20230521115115_E001 Backcastler Error (Petrader 2), SATIN, X- Arabiguos angle mas backcastler error for Petrader 2 and 3 and an ambiguos angle track Arabig Error, Petrader 2), SATIN, X- arabiguos angle mas backcastler error for Petrader 2 and 3 and an ambiguos angle track Arabig Error, Petrader 2), SATIN, X- arabiguos angle mas backcastler error for Petrader 2 and 3 and an ambiguos angle track Arabig Error, Petrader 2), SATIN, X- arabiguos angle mas backcastler error for Petrader 2 and 3 and an ambiguous angle track Arabig Error, Strateer 2), SATIN, X- arabiguos angle mas backcastler error for Petrader 2 and 3 and an ambiguous angle track Arabig Error, Strateer 2), SATIN X- track Arabig Error, Petrader 2), SATIN X- track Arabig Error, Petrader 2), SATIN X- track Arabig Error, Petrader 2), SATIN X- track Arabig Error, Strateer Prov Petrader 2), SATIN X- track Arabig Error, Strateer Prov Petrader 2), SATIN X- track Arabig Error, Strateer Petrader 2), SATIN X- track | CS_OFFL_SIR_SIN_220230521T142512_20230521T142545_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| CS_OFFL_SIR_SIN_2_202305211150586_202305211151716_E001 Backscatter Error (Partador 2), SARIN X, Index Error (Partador 2), | CS_OFFL_SIR_SIN_220230521T143620_20230521T144002_E001 | | |
| CS_OFFL_SIR_SIN_2_20230521T151519_20230521T15511_E001 Backascatter Error (Retracker 3), SARIN X, Intered and advanced for SARIn mode for one or more necods. CS_OFFL_SIR_SIN_2_20230521T154652_20230521T155511_E001 Backascatter Error (Retracker 3), SARIN X, Intered Retracker 2), Backascatter Error (Retracker 2), SARIN X, Intered Retracker 2), Backascatter Error (Retracker 2), SARIN X, Intered Retracker 2), Backascatter Error (Retracker 2), SARIN X, Intered Retracker 3), SARIN X, Intered Retracker 3), SARIN X, Intered Retracker 3), SARIN X, Intere Retracker 3), SARIN X, Intered Retracker 3), SARIN X, Intered Retracker 3), SARIN X, Intere Retracker 3), S | CS_OFFL_SIR_SIN_2_20230521T150536_20230521T150808_E001 | Backscatter Error (Retracker 3), SARIn X | |
| CS_OFFL_SIR_SIN_2_20230521T164652_20230521T16453 Beckestate Error (Retracker 3), SARIN X, "Interfactor 2), SARIN X, "Interfactor | CS_OFFL_SIR_SIN_220230521T151519_20230521T151715_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error | |
| US_OPFL_SIR_SIN_2_202305211161452_2001 model unavailable Model was used for one or more records CS_OFFL_SIR_SIN_2_20230521116416_202305211164552_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIN X track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_202305211165100_20230521116500_E001 SARIN X track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521116504_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN x track Angle Error, Surtace model unavailable There is a backscatter Error IN Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Sibpe Model was used for track Angle Error CS_OFFL_SIR_SIN_2_202305211173406_202305211173415_E001 Backscatter Error (Retracker 3), SARIN x track Angle Error There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Sibpe Model was used for the to cost for ARIN mode, and no DEM or Sibpe Model was used for the core one records | CS_OFFL_SIR_SIN_220230521T154652_20230521T155811_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| CS_OFFL_SIR_SIN_2_20230521T164148_20230521T164552_E001 Backscatter Error (Retracker 3), SARIn X, Imme statuscatter error for Retracker 2 and 3 and an antibipuous angle track Angle Error CS_OFFL_SIR_SIN_2_20230521T165104_20230521T165106_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T165104_20230521T16504_E001 Backscatter Error (Retracker 3), SARIn X, There is a backscatter error for Retracker 2 and 3 and an ambiguous angle track Angle Error There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T173153_20230521T173555_E001 Backscatter Error (Retracker 3), SARIn X, There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Sibpe Model was used for track Angle Error. CS_OFFL_SIR_SIN_2_20230521T173406_20230521T173535_E001 Backscatter Error (Retracker 2), SARIn X, There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Sibpe Model was used for track Angle Error. CS_OFFL_SIR_SIN_2_20230521T174241_20230521T174415_E001 Backscatter Error (Retracker 2), SARIn X, There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode, and no DEM or Sibpe Model was used for tracker Angle Error. CS_OFFL_SIR_SIN_2_20230521T174241_20230521T174415_E001 Backscatter Error (Retracker 2), SARIn X, There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records < | CS_OFFL_SIR_SIN_220230521T161637_20230521T161745_E001 | | |
| CS_OFFL_SIR_SIN_2_20230521T165104_20230521T165004_E001 SARIN X-track Angle Error records * CS_OFFL_SIR_SIN_2_20230521T16504_20230521T165604_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X-track Angle Error Karak Angle Error CS_OFFL_SIR_SIN_2_20230521T173153_20230521T173355_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X-track Angle Error There is a backscatter error for Netracker 2 and 3, an ambiguous angle Was detected for SARIN mode, and no DEM or Slope Model was used for the Location for one or more records CS_OFFL_SIR_SIN_2_20230521T174241_20230521T174241_20230521T174245_E001 SARIN X-track Angle Error There is a backscatter error for Netracker 2 and 3 and an ambiguous angle Was detected for SARIN mode for one or more records CS_OFFL_SIR_SIN_2_20230521T18335_20230521T183216_E001 SARIN X-track Angle Error An ambiguous angle Was detected for SARIN mode for one or more records CS_OFFL_SIR_SIN_2_20230521T18335_20230521T183216_E001 SARIN X-track Angle Error An ambiguous angle Was detected for SARIN mode for one or more records | CS_OFFL_SIR_SIN_220230521T164418_20230521T164552_E001 | Backscatter Error (Retracker 3), SARIn X | |
| CS_OFFL_SIR_SIN_2_20230521T165434_20230521T165604_E001 Backscatter Error (Retracker 3), SARIN X CS_OFFL_SIR_SIN_2_20230521T173153_20230521T173355_E001 Backscatter Error (Retracker 2), Backscatter error (Retracker 2), Backscatter Error (Retracker 3), SARIN X CS_OFFL_SIR_SIN_2_20230521T173406_20230521T173535_E001 Backscatter Error (Retracker 3), SARIN X CS_OFFL_SIR_SIN_2_20230521T173406_20230521T173535_E001 Backscatter Error (Retracker 3), SARIN X Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIN X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIN X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230521T182433_20230521T18252_E001 Backscatter Error (Retracker 3), SARIN X CS_OFFL_SIR_SIN_2_20230521T183134_20230521T183216_E001 SARIN X-track Angle Error Backscatter Error (Retracker 2), Backscatt | CS_OFFL_SIR_SIN_220230521T165100_20230521T165106_E001 | SARIn X-track Angle Error | |
| CS_OFFL_SIR_SIN_2_20230521T173153_20230521T173355_E001 Backscatter Error (Retracker 3), SARIn X Intere is a backscatter error for Petracker 2 and 3, an ambiguous angle track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230521T173406_20230521T173535_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Petracker 2 and 3, an ambiguous angle backscatter Error (Retracker 3), SARIn X CS_OFFL_SIR_SIN_2_20230521T174241_20230521T174415_E001 Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Petracker 2 and 3, an ambiguous angle backscatter Error (Retracker 3), SARIN X CS_OFFL_SIR_SIN_2_20230521T182433_20230521T182552_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error CS_OFFL_SIR_SIN_2_20230521T182433_20230521T182552_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error CS_OFFL_SIR_SIN_2_20230521T183134_20230521T183216_E001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191305_DE001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records | CS_OFFL_SIR_SIN_220230521T165434_20230521T165604_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error | |
| CS_OFFL_SIR_SIN_2_20230521T173406_20230521T173535_E001 Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Netracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records CS_OFFL_SIR_SIN_2_20230521T174241_20230521T174415_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN Track Angle Error, Surface model unavailable There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records CS_OFFL_SIR_SIN_2_20230521T182433_20230521T182552_E001 Backscatter Error (Retracker 3), SARIN Track Angle Error There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T183134_20230521T183216_E001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T18335_20230521T183450_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T19142_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T19140_20230521T19142_E001 Backscatter Error (Retracker 3), Backscatter error for Re | CS_OFFL_SIR_SIN_2_20230521T173153_20230521T173355_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | was detected for SARIn mode, and no DEM or Slope Model was used for |
| CS_OFFL_SIR_SIN_2_20230521T174241_20230521T174415_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Intere is a backscatter error for Retracker 2 and 3, an antibuguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records CS_OFFL_SIR_SIN_2_20230521T182433_20230521T182552_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T183134_20230521T183216_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T183335_20230521T183250_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T18335_20230521T191257_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records | CS_OFFL_SIR_SIN_220230521T173406_20230521T173535_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| CS_OFFL_SIR_SIN_2_20230521T182433_20230521T182552_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T183134_20230521T183216_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T183335_20230521T183355_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T183335_20230521T183450_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T191126_20230521T191257_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker | CS_OFFL_SIR_SIN_220230521T174241_20230521T174415_E001 | Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model | was detected for SARIn mode, and no DEM or Slope Model was used for |
| CS_OFFL_SIR_SIN_2_20230521T183154_20230521T183216_E001 SARIII A-track Angle End records CS_OFFL_SIR_SIN_2_20230521T183335_20230521T183450_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARII X There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T191126_20230521T191257_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records | CS_OFFL_SIR_SIN_220230521T182433_20230521T182552_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X | |
| CS_OFFL_SIR_SIN_2_20230521T183355_20230521T183450_E001 Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Retracker 2 and 3 and an antiolydous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230521T191126_20230521T191257_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T19226_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records | CS_OFFL_SIR_SIN_220230521T183134_20230521T183216_E001 | | |
| CS_OFFL_SIR_SIN_2_20230521T191126_20230521T191257_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T19226_E001 Backscatter Error (Retracker 2), Date is a backscatter error for Retracker 2 and 3 for one or more records | CS_OFFL_SIR_SIN_220230521T183335_20230521T183450_E001 | Backscatter Error (Retracker 3), SARIn X | |
| CS_OFFL_SIR_SIN_2_20230521T191301_20230521T191342_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SIN_2_20230521T191400_20230521T191423_E001 Backscatter Error (Retracker 2), Backscat | CS_OFFL_SIR_SIN_220230521T191126_20230521T191257_E001 | Backscatter Error (Retracker 2), | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_2_202305211191400_202305211191423_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records | CS_OFFL_SIR_SIN_220230521T191301_20230521T191342_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS OFEL SIR SIN 2 202305211192159 202305211192226 E001 | CS_OFFL_SIR_SIN_220230521T191400_20230521T191423_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |
| | CS_OFFL_SIR_SIN_220230521T192159_20230521T192226_E001 | | There is a backscatter error for Retracker 2 and 3 for one or more records |

| CS_OFFL_SIR_SIN_220230521T192251_20230521T192258_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
|--|---|---|
| CS_OFFL_SIR_SIN_220230521T192527_20230521T192625_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) | There is a backscatter error for Retracker 2 and 3 for one or more records |
| CS_OFFL_SIR_SIN_220230521T200353_20230521T200518_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T201029_20230521T201334_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T214425_20230521T214721_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T214932_20230521T215454_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T223401_20230521T223456_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable | There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records |
| CS_OFFL_SIR_SIN_220230521T224030_20230521T224451_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T232248_20230521T232643_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_220230521T232842_20230521T233005_E001 | SARIn X-track Angle Error | An ambiguous angle was detected for SARIn mode for one or more records |
| CS_OFFL_SIR_SIN_2_20230521T233344_20230521T233521_E001 | Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error | There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records |
| | | |