







1. Overview

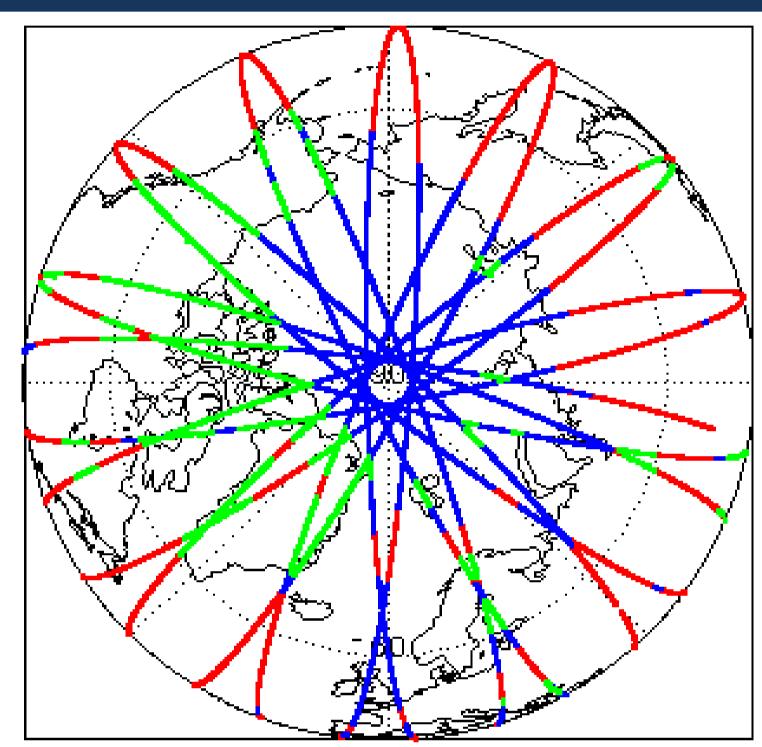
Report Production Date:	23-Dec-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

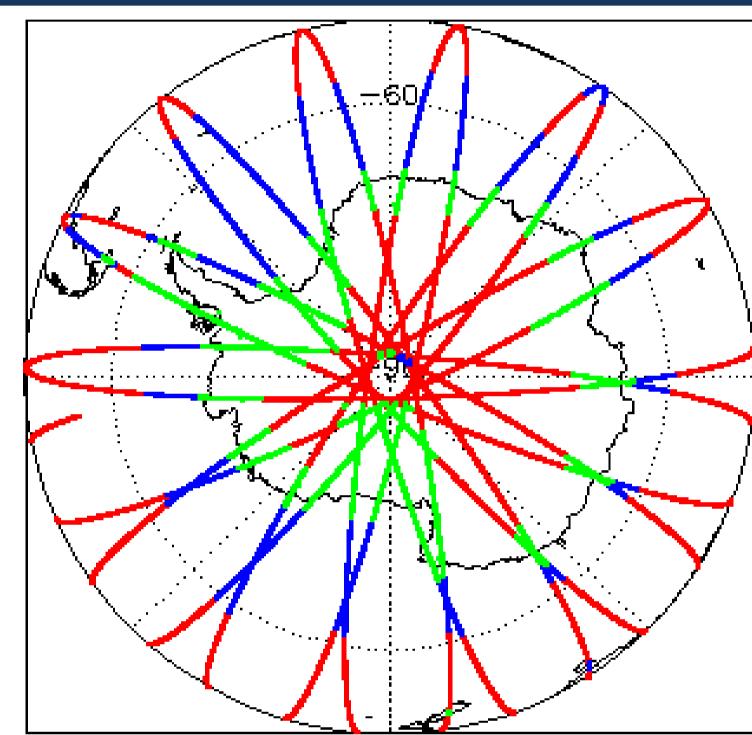
We would love to hear from you! Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

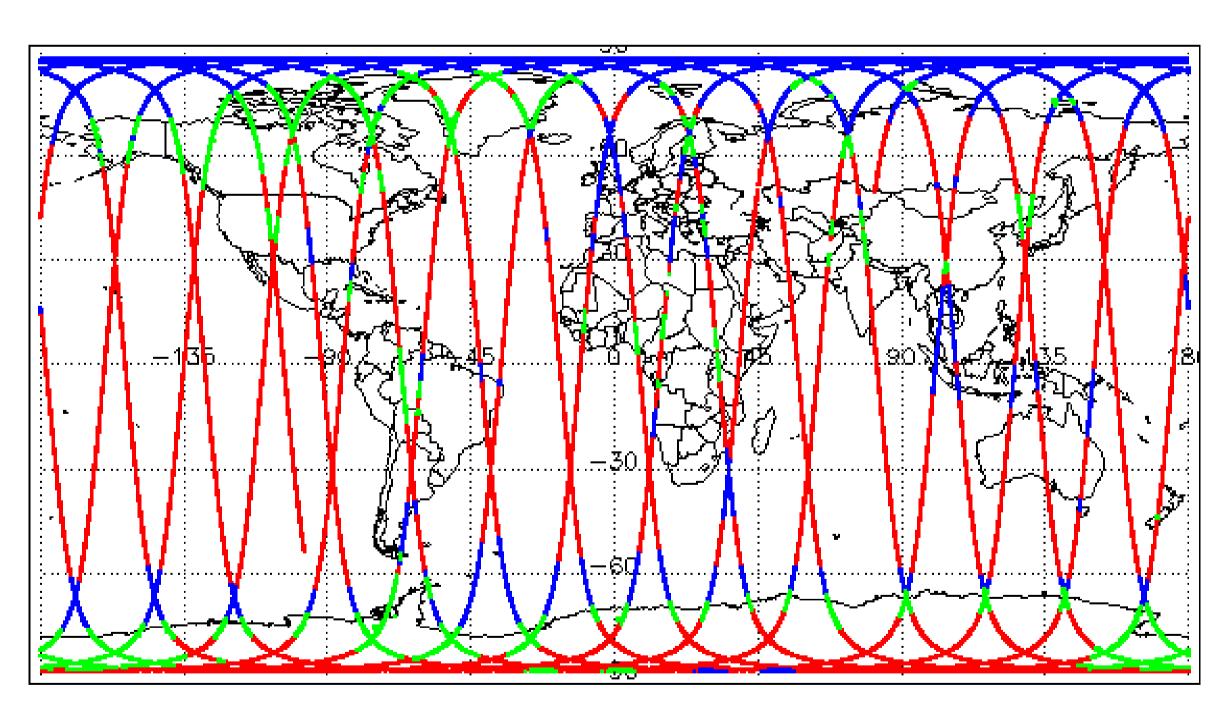
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 5.4
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

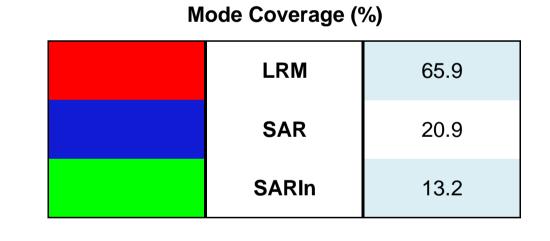
Mission / Instru	ument News
23-Nov-2022	None
24-Nov-2022	None
25-Nov-2022	Nothing planned

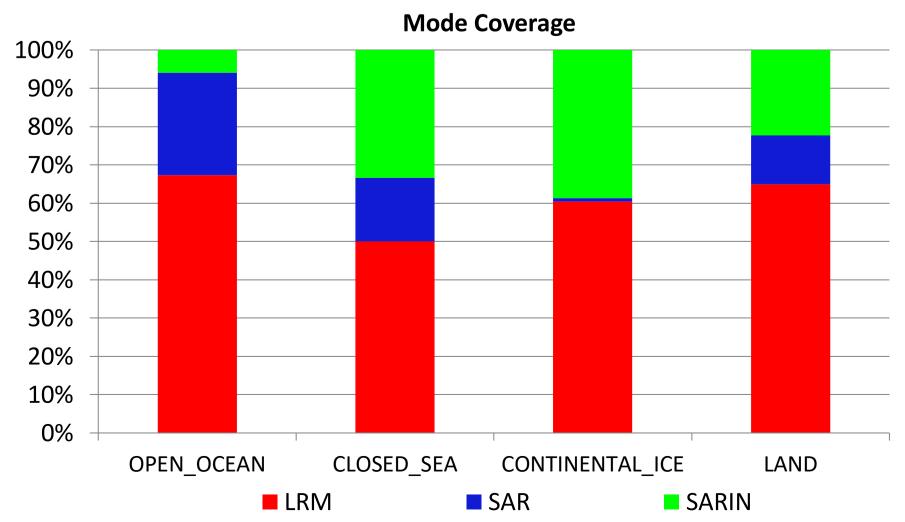
2. Global Coverage

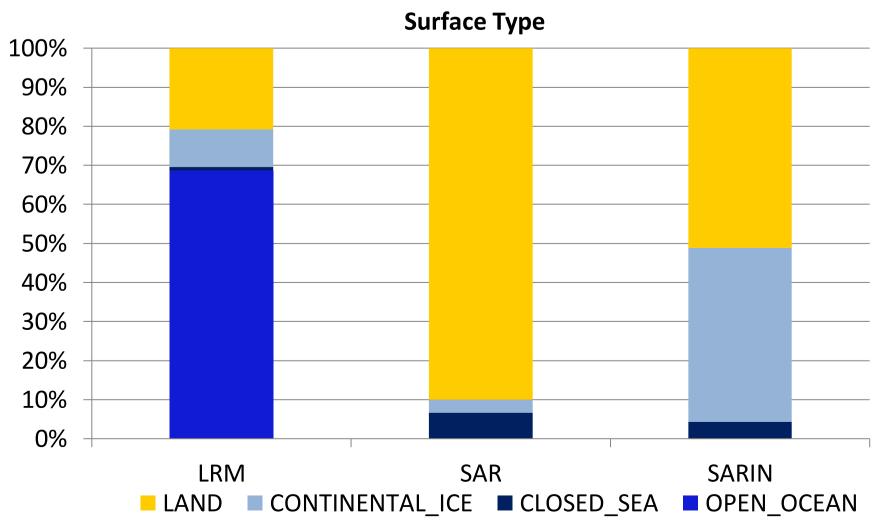












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

0

0

145

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

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

Number of products with errors:

4.4 L1B Tracking Flags Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221123T235624_20221124T002322_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T002324_20221124T002411_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T002629_20221124T002923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T004716_20221124T005220_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T005323_20221124T005344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T005548_20221124T011947_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T012832_20221124T013158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T022514_20221124T022839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T022912_20221124T023110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T023113_20221124T023126_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T023128_20221124T024520_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T024523_20221124T025029_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T030310_20221124T030900_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T031639_20221124T033759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T033803_20221124T033805_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T033809_20221124T034828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T040322_20221124T040344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T040728_20221124T040937_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T040954_20221124T041037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T042004_20221124T042327_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T042353_20221124T042546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T051852_20221124T052935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T052938_20221124T053027_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T054939_20221124T055114_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T055215_20221124T055710_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T055848_20221124T061705_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T062430_20221124T062656_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T063421_20221124T070756_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T070758_20221124T070900_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T070905_20221124T070915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T070920_20221124T071037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T074208_20221124T075450_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T080409_20221124T080605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T080752_20221124T081108_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T081329_20221124T082830_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T083033_20221124T084032_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T084342_20221124T084520_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T084523_20221124T084538_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T084541_20221124T085011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T090237_20221124T091910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T092226_20221124T092329_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20221124T092351_20221124T092400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T092403_20221124T092408_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T092410_20221124T093054_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T094239_20221124T094527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T101548_20221124T101708_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T101739_20221124T101843_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T101849_20221124T101850_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T101856_20221124T102215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102217_20221124T102219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102221_20221124T102247_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102249_20221124T102314_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102319_20221124T102325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102329_20221124T102337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102339_20221124T102345_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102354_20221124T102444_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102446_20221124T102717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102720_20221124T102728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T102731_20221124T103006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T104527_20221124T105117_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T105401_20221124T111706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T112039_20221124T112915_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221124T122025_20221124T122113_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T122235_20221124T122647_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T122836_20221124T122848_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T122854_20221124T123121_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T123123_20221124T125559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T131202_20221124T133755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T133757_20221124T134037_E001		
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T134113_20221124T134332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T134332_20221124T134603_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T150044_20221124T150611_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T150818_20221124T150849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T151013_20221124T151553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T151951_20221124T152117_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T152117_20221124T152301_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T154051_20221124T161407_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T164954_20221124T165647_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221124T171839_20221124T174807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T174818_20221124T175313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T180121_20221124T180534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T185635_20221124T185644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T185648_20221124T185711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T185745_20221124T185754_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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00 OFFI OID LDM 4D 00004404T40T000 0000415 T10T000 T10T000		The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221124T185819_20221124T191553_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221124T203626_20221124T203636_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203639_20221124T203820_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203822_20221124T203826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203830_20221124T203833_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203836_20221124T203911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203914_20221124T203917_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203919_20221124T203927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203930_20221124T203930_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203933_20221124T203938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T203942_20221124T204016_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T204019_20221124T204025_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T204027_20221124T204030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T204032_20221124T204034_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T204036_20221124T204048_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T204051_20221124T204122_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T204337_20221124T205237_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T205239_20221124T205446_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T205748_20221124T211143_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T213331_20221124T213740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T213744_20221124T213818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T213820_20221124T213838_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T213841_20221124T213911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T213915_20221124T213918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T213920_20221124T213951_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T214537_20221124T215812_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T215936_20221124T220153_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221124T221412_20221124T221839_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:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221124T101548_20221124T101708_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.

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

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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.

Number of products with errors:

Number of products with errors:		
Product	Test Failed	Description There is an array with the Snew Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T011947_20221124T012134_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_220221124T013323_20221124T013603_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_220221124T022100_20221124T022514_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 There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T025029_20221124T025459_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T025859_20221124T030145_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_220221124T031216_20221124T031639_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_220221124T034919_20221124T034954_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_220221124T035847_20221124T040135_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_220221124T040345_20221124T040423_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_220221124T040529_20221124T040728_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_220221124T041037_20221124T041355_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_220221124T042546_20221124T042742_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T043704_20221124T044114_E001	Snow 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
CS_OFFL_SIR_SAR_220221124T045055_20221124T045452_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T051608_20221124T051852_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_220221124T053747_20221124T053954_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_220221124T054215_20221124T054939_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_220221124T055114_20221124T055215_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_220221124T061706_20221124T062127_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_220221124T063211_20221124T063421_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_220221124T072156_20221124T072235_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_220221124T074157_20221124T074208_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_220221124T075451_20221124T080134_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_220221124T081236_20221124T081329_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_220221124T082831_20221124T083033_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_220221124T091911_20221124T092122_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_220221124T093054_20221124T093447_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_220221124T093522_20221124T093536_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_220221124T095153_20221124T095252_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_220221124T100659_20221124T100838_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T101001_20221124T101314_E001	Snow 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_220221124T101314_20221124T101548_E001	Snow 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
CS_OFFL_SIR_SAR_220221124T102345_20221124T102354_E001	Snow 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_220221124T103830_20221124T103915_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T104054_20221124T104105_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_220221124T104144_20221124T104222_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_220221124T105117_20221124T105238_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_220221124T111706_20221124T111853_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_2_20221124T113100_20221124T113240_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_220221124T120100_20221124T120202_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_220221124T125559_20221124T125832_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_2_20221124T130959_20221124T131202_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_220221124T134037_20221124T134113_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_220221124T134604_20221124T134805_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_220221124T143356_20221124T143818_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 There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T144912_20221124T145123_E001	Snow 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_220221124T145536_20221124T150044_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T151553_20221124T151732_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_220221124T151839_20221124T151926_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_220221124T152301_20221124T152358_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_220221124T152521_20221124T152558_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_220221124T152758_20221124T152845_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T153850_20221124T153919_E001	Snow 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_220221124T161407_20221124T161758_E001	Snow 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
CS_OFFL_SIR_SAR_220221124T162746_20221124T163154_E001	Snow 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_220221124T165647_20221124T165831_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T170004_20221124T170015_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_220221124T170021_20221124T170108_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_2_20221124T170108_20221124T170600_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_220221124T170723_20221124T170855_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_220221124T170931_20221124T171839_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T175313_20221124T175515_E001	Snow 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
CS_OFFL_SIR_SAR_220221124T180114_20221124T180121_E001	Snow 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_220221124T180645_20221124T181030_E001	Snow 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_220221124T183549_20221124T183632_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T184408_20221124T184440_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_220221124T191553_20221124T191658_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_220221124T191700_20221124T191804_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_220221124T191808_20221124T192059_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_220221124T192609_20221124T192648_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_220221124T193232_20221124T193323_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_220221124T194014_20221124T194020_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_220221124T194026_20221124T194033_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_220221124T194434_20221124T195122_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T200349_20221124T200507_E001	Snow 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_220221124T205446_20221124T205748_E001	Snow 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
CS_OFFL_SIR_SAR_220221124T211143_20221124T211234_E001	Snow 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_220221124T211913_20221124T211919_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221124T211926_20221124T211932_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_220221124T212345_20221124T212555_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_220221124T212726_20221124T212758_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_220221124T213243_20221124T213331_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_220221124T220237_20221124T220247_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_220221124T221906_20221124T221937_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_220221124T221941_20221124T221944_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221124T222753_20221124T222822_E001	Snow 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	Snow 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_220221124T225028_20221124T225159_E001	Snow 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
CS_OFFL_SIR_SAR_220221124T225828_20221124T225830_E001	Snow 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_220221124T230350_20221124T230549_E001	Snow 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_220221124T233142_20221124T233413_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_220221124T044754_20221124T045055_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

CS_OFFL_SIR_SIN_220221124T062127_20221124T062430_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T062656_20221124T063211_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T080134_20221124T080408_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T093634_20221124T094238_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T143818_20221124T144207_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T161758_20221124T162113_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T194249_20221124T194434_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T212109_20221124T212344_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221124T230022_20221124T230349_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.

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: 241

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221123T235624_20221124T002322_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_220221124T005548_20221124T011947_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_220221124T013604_20221124T020839_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_220221124T023128_20221124T024520_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_220221124T024523_20221124T025029_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_220221124T031639_20221124T033759_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_220221124T033809_20221124T034828_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T040135_20221124T040239_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_220221124T040954_20221124T041037_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_220221124T042353_20221124T042546_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_220221124T045452_20221124T051607_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_220221124T051852_20221124T052935_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_220221124T052938_20221124T053027_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T053954_20221124T054215_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_220221124T055848_20221124T061705_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_220221124T063421_20221124T070756_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_220221124T070758_20221124T070900_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T070905_20221124T070915_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T072235_20221124T074156_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_220221124T074208_20221124T075450_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_220221124T081329_20221124T082830_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_220221124T083033_20221124T084032_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_220221124T084342_20221124T084520_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T090237_20221124T091910_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_220221124T095252_20221124T100658_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_220221124T100838_20221124T101000_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_220221124T102319_20221124T102325_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T104222_20221124T104404_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_220221124T105401_20221124T111706_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_220221124T113240_20221124T115656_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_220221124T120652_20221124T120718_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_220221124T123123_20221124T125559_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_220221124T131202_20221124T133755_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_220221124T134113_20221124T134332_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T134805_20221124T134859_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_220221124T140345_20221124T143355_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_220221124T145123_20221124T145536_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_220221124T150044_20221124T150611_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_220221124T151013_20221124T151553_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_220221124T152658_20221124T152758_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_220221124T154051_20221124T161407_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T163154_20221124T164736_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_220221124T164954_20221124T165647_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_220221124T170600_20221124T170723_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_220221124T171839_20221124T174807_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221124T174818_20221124T175313_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_220221124T181030_20221124T183549_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_220221124T185819_20221124T191553_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_220221124T192545_20221124T192609_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_220221124T192648_20221124T193231_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_220221124T195122_20221124T200221_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_220221124T200507_20221124T202153_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_220221124T204337_20221124T205237_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_220221124T205239_20221124T205446_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_220221124T205748_20221124T211143_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CE_CFT_BE_BAS_2_0001 1071407_6001 1071 501_6001 1071 1071 1071 1071 1071 1071 1071	CS_OFFL_SIR_LRM_220221124T212758_20221124T213242_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CG CRIT 188 194 2 A 20111011012004 A 20111011012004 PC CRIT 188 194 2 A 201110110110101010101010101010101010101	CS_OFFL_SIR_LRM_220221124T214537_20221124T215812_E001	· · · · · · · · · · · · · · · · · · ·	
COTT, SRI LEGIS - ALCOHAMOS (2021/2012/2014) File of the broader of the broader of the control of the broader o	CS_OFFL_SIR_LRM_220221124T215936_20221124T220153_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
Fig. 1915 2 202113 TROUGH 2021 1 2011 1 2012 1 2011 2 2012 1 2011 2 2012 1 2011 2 2012 1 2011 2 2012 1 2011 2 2012 1 2011 2 2012 1 2011 2 2012 2 2011 2 2012 2 2012 1 2011 2 2012 2 2 2	CS_OFFL_SIR_LRM_220221124T222015_20221124T222449_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Co. CET. Silk. Self. 2. 20221124733564 (ACC) 1207126555 FOOT SILVERS SELECTION FOR SEL	CS_OFFL_SIR_LRM_220221124T223606_20221124T225027_E001	, ,	
Security Services and the control of	CS_OFFL_SIR_LRM_220221124T230549_20221124T233142_E001	(Retracker 3), Backscatter Error	
Become from the control of the contr	CS_OFFL_SIR_SAR_220221124T003544_20221124T004525_E001	``	There is a backscatter error for Retracker 2 and 3 for one or more records
Apacetime Fine (Petitions 5) Sept. 8.8.4. 2. 2022 124/107210 2221124/107224 EDD Apacetime Fine (Petitions 5) Community Fine Star 2 (2007) (Petitions 5) Apacetime Fine (Petitions 5)	CS_OFFL_SIR_SAR_220221124T011947_20221124T012134_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Secretars for (Percents 3) CB_CPFL_SR_SAR_2_00221124TC0210_2002129TC02565_5001 Basecons for (Percents 3) CB_CPFL_SR_SAR_2_00221124TC02503_0021129TC02565_5001 Basecons for (Percents 3) There is a bedeective error for Fercelet 2 and 5 for one or noce ecosids 5 absociated for (Percents 3) CB_CPFL_SR_SAR_2_00221124TC02503_0021129TC02565_5001 Basecons for (Percents 3) There is a bedeective error for Fercelet 2 and 5 for one or noce ecosids 5 absociated for (Percents 3) CB_CPFL_SR_SAR_2_00221124TC02503_0021129TC02565_5001 Basecons for (Percents 2) Basecons for (Percents 2) Basecons for (Percents 2) CB_CPFL_SR_SAR_2_00221124TC02503_0021129TC025647_5001 Basecons for (Percents 2) Basecons for (Percents 3) B	CS_OFFL_SIR_SAR_220221124T013323_20221124T013603_E001	,	There is a backscatter error for Retracker 2 and 3 for one or more records
Southers are found in the second seco	CS_OFFL_SIR_SAR_220221124T021247_20221124T022024_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Cascertate From (Renature 2) Cascer	CS_OFFL_SIR_SAR_220221124T022100_20221124T022514_E001	,	There is a backscatter error for Retracker 2 and 3 for one or more records
Described For President 31 CS OFF, SR SAR 2 2021124T00316 2021124T03947 E001 Described For President 31 CS OFF, SR SAR 2 2021124T00316 2021124T03947 E001 Described For President 31 CS OFF, SR SAR 2 2021124T00316 2021124T0418 E001 Described For President 31 Described For Pres	CS_OFFL_SIR_SAR_220221124T025029_20221124T025459_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Sadocaster From (Setencher 2) Backcaster From (Setencher 2) Backca	CS_OFFL_SIR_SAR_220221124T025859_20221124T030145_E001	,	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscarder Error (Petracker 2) Backscarder Error (Petracker 3	CS_OFFL_SIR_SAR_220221124T031216_20221124T031639_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter From (Perancker 2)	CS_OFFL_SIR_SAR_220221124T035201_20221124T035847_E001	,	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscarter Error (Retracker 2).	CS_OFFL_SIR_SAR_220221124T035847_20221124T040135_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Sophilipsing San 2_20221124T041037_21221124T04135_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backsc	CS_OFFL_SIR_SAR_220221124T040345_20221124T040423_E001	` '	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 3) There is a backscatter error for Rotracker 2 and 3 for one or more records Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 3) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 2) Backscatter Error (Rotracker 3) Backscatter Error (Rotr	CS_OFFL_SIR_SAR_220221124T040529_20221124T040728_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 4) Backscatter Error (Retracker 4	CS_OFFL_SIR_SAR_220221124T041037_20221124T041355_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_220221124T042546_20221124T042742_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)	CS_OFFL_SIR_SAR_220221124T043704_20221124T044114_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) 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_20221124T054215_20221124T054939_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_20221124T061206_20221124T06127_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_SAR_2_20221124T061206_20221124T063421_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_20221124T071037_20221124T06143_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2) Ba	CS_OFFL_SIR_SAR_220221124T045055_20221124T045452_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sackscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T054215_20221124T054939_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatte	CS_OFFL_SIR_SAR_220221124T051608_20221124T051852_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T054215_20221124T055215_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T061706_20221124T062127_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) 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_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T07156_20221124T071235_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220221124T053109_20221124T053747_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T061706_20221124T062127_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T063211_20221124T063421_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T063211_20221124T063421_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071766_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071766_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T072156_20221124T072235_E001 Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_220221124T053747_20221124T053954_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T063211_20221124T063421_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T07156_20221124T071235_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker	CS_OFFL_SIR_SAR_220221124T054215_20221124T054939_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T063211_20221124T063421_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T072156_20221124T072235_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracke	CS_OFFL_SIR_SAR_220221124T055114_20221124T055215_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071037_20221124T071146_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T072156_20221124T072235_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 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 There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221124T061706_20221124T062127_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_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_20221124T072156_20221124T072235_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_20221124T072156_20221124T072235_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220221124T063211_20221124T063421_E001	,	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T071643_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_20221124T072156_20221124T072235_E001 Backscatter Error (Retracker 2), Backscatter Error (Retrack	CS_OFFL_SIR_SAR_220221124T071037_20221124T071146_E001	``	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221124T071643_20221124T071756_E001 Backscatter Error (Retracker 3) 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_SAR_2_20221124T072156_20221124T072235_E001 Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_SAR_2_20221124T071211_20221124T071643_E001	,	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221124T072156_20221124T072235_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) 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_SAR_2_20221124T071643_20221124T071756_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US DEEL SIR SAR 7 2022 TATULATAL 2022 TATULAZOR FOOT	CS_OFFL_SIR_SAR_220221124T072156_20221124T072235_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220221124T074157_20221124T074208_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221124T075451_20221124T080134_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_220221124T081236_20221124T081329_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_220221124T082831_20221124T083033_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_220221124T085011_20221124T085517_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_220221124T085517_20221124T085646_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_220221124T093054_20221124T093447_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_220221124T093522_20221124T093536_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_220221124T095153_20221124T095252_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_220221124T100659_20221124T100838_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_220221124T101001_20221124T101314_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_220221124T103006_20221124T103135_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_220221124T103138_20221124T103611_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_220221124T103830_20221124T103915_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_220221124T104054_20221124T104105_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_220221124T104144_20221124T104222_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_220221124T105117_20221124T105238_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_220221124T111706_20221124T111853_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_220221124T113100_20221124T113240_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_220221124T120719_20221124T120730_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_220221124T120730_20221124T120957_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_220221124T121014_20221124T121111_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_220221124T121133_20221124T121542_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_220221124T125559_20221124T125832_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_220221124T130959_20221124T131202_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_220221124T134604_20221124T134805_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_220221124T134900_20221124T135624_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_220221124T143356_20221124T143818_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_220221124T144912_20221124T145123_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_220221124T145536_20221124T150044_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_220221124T151553_20221124T151732_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_220221124T151839_20221124T151926_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_220221124T152301_20221124T152358_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_220221124T152521_20221124T152558_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_220221124T152758_20221124T152845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

Description Company	CS_OFFL_SIR_SAR_220221124T152934_20221124T153721_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Author San 2012 12 12 12 12 12 12 12 12 12 12 12 12 1	CS_OFFL_SIR_SAR_220221124T161407_20221124T161758_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Part Section Field Processing Section 1997 (1997) The Part of Proces	CS_OFFL_SIR_SAR_220221124T162746_20221124T163154_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
DISCORD, SMEZICACIDITATION, COSTITUTION, COS	CS_OFFL_SIR_SAR_220221124T165647_20221124T165831_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sec. OFF. SIR. SAR 2. 2022/19/17/00/2022/19/	CS_OFFL_SIR_SAR_220221124T170021_20221124T170108_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Secretarian et al. 2 decidente esta pictoria 20 de la compositio de la com	CS_OFFL_SIR_SAR_220221124T170108_20221124T170600_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Substantial for all three is a backboard or of all distinguished and all of the arms in evolution of the property of the prope	CS_OFFL_SIR_SAR_220221124T170723_20221124T170855_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Response for (Response S) Response for (Respons	CS_OFFL_SIR_SAR_220221124T170931_20221124T171839_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Security For Plans and 2 pages 12411 (1906) 2021 1241 (19	CS_OFFL_SIR_SAR_220221124T175313_20221124T175515_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Reducerne From Particular 3 Reducerne From Particular 4 Reducerne From P	CS_OFFL_SIR_SAR_220221124T180645_20221124T181030_E001	•	There is a backscatter error for Retracker 2 and 3 for one or more records
Societation (Presented 3) OR OFFL SIR SAR 2 2021/12/11/46/06 2021/12/11/55/5 E001 Societation From Presented 2) Conference	CS_OFFL_SIR_SAR_220221124T183549_20221124T183632_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Societable For (Renador 3) So	CS_OFFL_SIR_SAR_220221124T184408_20221124T184440_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Bookscate: From (Retracket 5) CS OFFIL SIR BAR 2 20221124T191553 20221124T191608.E001 Backcater From (Retracket 2) Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) There is a backcater error for Retracket 2 and 3 for one or more records Backcater From (Retracket 3) Backcater From (Retracket 3) Th	CS_OFFL_SIR_SAR_220221124T184908_20221124T185424_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscarter Error (Ferrocker 2) Backscarter Error (Ferrocker 2	CS_OFFL_SIR_SAR_220221124T185424_20221124T185635_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscate Fror (Fetracker 2) Backscate Fror (Fetracker 3) Backscate Fror (CS_OFFL_SIR_SAR_220221124T191553_20221124T191658_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Sedecate Error (Retacker 2) Se	CS_OFFL_SIR_SAR_220221124T191700_20221124T191804_E001	· ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220221124T191808_20221124T192059_E001	•	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220221124T192609_20221124T192648_E001	•	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T200349_20221124T200507_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T200348_20221124T203340_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T203410_20221124T203525_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3)	CS_OFFL_SIR_SAR_220221124T193232_20221124T193323_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 4) Backscatter Error (Retracker 4	CS_OFFL_SIR_SAR_220221124T194434_20221124T195122_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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Backscatter Error (Retracker 3) 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_20221124T2112345_20221124T212555_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T212728_20221124T212758_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T212728_20221124T213331_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) 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_SAR_2_20221124T220237_20221124T220247_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_20221124T220731_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221124T220731_20221124T220731_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 2) Backscatt	CS_OFFL_SIR_SAR_220221124T202818_20221124T203340_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T212758_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T213243_20221124T213331_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220237_20221124T220247_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_20221124T220731_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_20221124T221411_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T223606_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T223606_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T225028_20221124T225159_E001 Backscatter Error (Retracker 2), Backscatter Erro	CS_OFFL_SIR_SAR_220221124T211143_20221124T211234_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T213243_20221124T220247_E001 Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_SAR_220221124T212345_20221124T212555_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220237_20221124T220247_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_20221124T220731_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T220731_20221124T221411_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T223606_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T225159_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T225028_20221124T225159_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (R	CS_OFFL_SIR_SAR_220221124T212726_20221124T212758_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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CS_OFFL_SIR_SAR_2_20221124T220731_20221124T221411_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T223606_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T223606_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20221124T222824_20221124T223606_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_20221124T225028_20221124T225159_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) 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 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_SAR_220221124T220237_20221124T220247_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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CS_OFFL_SIR_SAR_2_202211241222824_202211241223606_E001 Backscatter Error (Retracker 3) 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_SAR_2_20221124T225028_20221124T225159_E001 Backscatter Error (Retracker 3) 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 There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221124T220731_20221124T221411_E001	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221124T225028_20221124T225159_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) 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_SAR_220221124T222824_20221124T223606_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US OFFE SIR SAR 2 20221124 230350 20221124 230549 FOOT	CS_OFFL_SIR_SAR_220221124T225028_20221124T225159_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220221124T230350_20221124T230549_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

Control Cont	CS_OFFL_SIR_SAR_220221124T233142_20221124T233413_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
The Account For (Plane Let 2) Application of the Control of the C	CS_OFFL_SIR_SAR_220221124T234537_20221124T235042_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Description Conference Co	CS_OFFL_SIR_SAR_220221124T235122_20221124T235306_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Mode	CS_OFFL_SIR_SIN_220221124T002923_20221124T003543_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
Description of the Common of	CS_OFFL_SIR_SIN_220221124T005221_20221124T005323_E001	SARIn X-track Angle Error, Surface	
South-Control Services I and Service	CS_OFFL_SIR_SIN_220221124T012134_20221124T012158_E001	Backscatter Error (Retracker 3), SARIn X	
Secretaries for 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC0012) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries For 18 may 2 20221 24TC00102 (2021 124TC00102) FOOL Secretaries	CS_OFFL_SIR_SIN_220221124T012158_20221124T012309_E001	SARIn X-track Angle Error	
Secretary in the control of the cont	CS_OFFL_SIR_SIN_220221124T012825_20221124T012831_E001	SARIn X-track Angle Error	
Section Fig. 58 in Sin 2 (2007 1241 (2004) 2022/12 TO 2002) 2.011 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2022/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2022/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002) 2.001 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004) 2.002 CS. OFFL SIR SIN 2 (2007 1241 (2004) 2.002/12 TO 2002 (2004)	CS_OFFL_SIR_SIN_220221124T013159_20221124T013323_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	(d
County C	CS_OFFL_SIR_SIN_220221124T020839_20221124T021247_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
Babacener Error Metroder 21, 3,45% No. 2,0021 241003102,0021 24103103,000 No. 2,000 No	CS_OFFL_SIR_SIN_220221124T022024_20221124T022100_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
Devisionable Empty (Finanched 1), SARIN X 10021124T004102 20221124T004209 Empty	CS_OFFL_SIR_SIN_220221124T030145_20221124T030310_E001	Backscatter Error (Retracker 3), SARIn X	
Sadocater Ener (Remoter 2) Sadocater Ener (Remot	CS_OFFL_SIR_SIN_220221124T031102_20221124T031215_E001	Backscatter Error (Retracker 3), SARIn X	(,
Backstatter Error (Retracker 2),	CS_OFFL_SIR_SIN_220221124T034828_20221124T034919_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Fror (Retroucter 3) CS_OFFL_SIR_SIN_2_20221124T044114_20221124T04424_E001 Backscatter Fror (Retroucter 3) Backscatter Fror (Retroucter 3) CS_OFFL_SIR_SIN_2_20221124T044114_20221124T04424_E001 Backscatter Fror (Retroucter 3) Backscatter Fror (Retroucter 3) Backscatter Fror (Retroucter 3) CS_OFFL_SIR_SIN_2_20221124T044114_20221124T04424_E001 Backscatter Fror (Retroucter 3) Backscatter Fror (Retroucter 2) Backscatter Fror (Retroucter 2) Backscatter Fror (Retroucter 2)	CS_OFFL_SIR_SIN_220221124T034954_20221124T035201_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) SchoffL SiR_SiN_2_20221124T044114_20221124T044041_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARin X reack Angle Error Backscatter Error (Retracker 3), SARin X reackscatter error for Retracker 2 and 3 and an antispuous angle x reackscatter Error (Retracker 3), SARin X reackscatter error for Retracker 2 and 3 and an antispuous angle x reackscatter Error (Retracker 3), SARin X reackscatter error for Retracker 2 and 3 and	CS_OFFL_SIR_SIN_220221124T040239_20221124T040322_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Selbert SIR SIN 2 20221124T044114, 20221124T04055 E001 Selbert SIR SIN 2 20221124T044754, 20221124T05055 E001 Selbert SIR SIN 2 20221124T04754 20221124T05055 E001 Selbert SIR SIN 2 20221124T06256 20221124T06251 E001 Selbert SIR SIN 2 20221124T071147 20221124T07121 E001 Selbert SIR SIN 2 20221124T071147 20221124T07121 E001 Selbert SIR SIN 2 20221124T071147 20221124T07121 E001 Selbert SIR SIN 2 20221124T071147 20221124T071215 E001 Selbert SIR SIN 2 20221124T071757 20221124T071215 E001 Selbert SIR SIN 2 20221124T071147 20221124T07125 E001 Selbert SIR SIN 2 20221124T080505 20221124T080408 E001 Selbert SIR SIR SIR SIR 2 20221124T080505 20221124T080408 E001 Selbert SIR	CS_OFFL_SIR_SIN_220221124T040423_20221124T040529_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2),	CS_OFFL_SIR_SIN_220221124T044114_20221124T044241_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 3), SARIn X was detected for SARIn mode for one or more records track Angle Error (Retracker 3), SARIn X was detected for SARIn mode for one or more records. CS_OFFL_SIR_SIN_2_20221124T08032_20221124T081238_E001	CS_OFFL_SIR_SIN_220221124T044754_20221124T045055_E001	Backscatter Error (Retracker 3), SARIn X	(,
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_2_20221124T07157_20221124T080408_E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080752 E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752 E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752 E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080752 E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080752 E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080752 E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T0804342_E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080801_E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080237_E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T080237_E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T090237_E001 CS_OFFL_SIR_SIN_2_20221124T080408_20221124T090237_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T0903522_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T093522_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T093522_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T09428_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T09428_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T09428_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T09428_E001 CS_OFFL_SIR_SIN_2_20221124T093447_20221124T09428_E001 CS_OFFL_SIR_SIN_2_20221124T094478_20221124T09428_E001 CS_OFFL_SIR_SIN_2_20221124T094478_	CS_OFFL_SIR_SIN_220221124T062127_20221124T062430_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 3). SARIN X rack Angle Error (Retracker 3). SARIN X rack Angle Error (Retracker 2). Backscatter Error (Retracker 3). SARIN X rack Angle Error (Retracker 3). SARIN X rack Error	CS_OFFL_SIR_SIN_220221124T062656_20221124T063211_E001	Backscatter Error (Retracker 3), SARIn X	
Sackscatter Error (Retracker 3), SARIN X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T0804342_E001 CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080601_E001 CS_OFFL_SIR_SIN_2_20221124T080606_20221124T080601_E001 CS_OFFL_SIR_SIN_2_20221124T080606_20221124T080601_E001 CS_OFFL_SIR_SIN_2_20221124T080606_20221124T080601_E001 CS_OFFL_SIR_SIN_2_20221124T080606_20221124T090237_E001 CS_OFFL_SIR_SIN_2_20221124T080606_20221124T0902	CS_OFFL_SIR_SIN_220221124T071147_20221124T071211_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
Backscatter Error (Retracker 3), SARIN X was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20221124T080605_20221124T080752_E001 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 There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20221124T084032_20221124T084342_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3), SARIN X track Angle Error SARIN X-track Angle Error 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 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SA	CS_OFFL_SIR_SIN_220221124T071757_20221124T072156_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20221124T080505_20221124T0801236_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20221124T084032_20221124T084342_E001 Backscatter Error (Retracker 3), SARIN X track Angle Error Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20221124T085646_20221124T085801_E001 CS_OFFL_SIR_SIN_2_20221124T085958_20221124T090237_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20221124T085958_20221124T090237_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 There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records 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 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 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 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 There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 an	CS_OFFL_SIR_SIN_220221124T080134_20221124T080408_E001	Backscatter Error (Retracker 3), SARIn X	(,
Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T084032_20221124T084342_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T085646_20221124T085801_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T085646_20221124T090237_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T085958_20221124T090237_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T093447_20221124T093522_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T094527_20221124T094540_F001 SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220221124T080605_20221124T080752_E001		
Backscatter Error (Retracker 3) CS_OFFL_SIR_SIN_2_20221124T085646_20221124T085801_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T093447_20221124T093522_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T093634_20221124T094238_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220221124T081109_20221124T081236_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20221124T085646_20221124T090237_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T093447_20221124T093522_E001 CS_OFFL_SIR_SIN_2_20221124T093634_20221124T094238_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records 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 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220221124T084032_20221124T084342_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20221124T093447_20221124T090237_E001 Backscatter Error (Retracker 3), SARIn X-track Angle Error Backscatter Error (Retracker 3), SARIn X-track Angle Error 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 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 There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records 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_220221124T085646_20221124T085801_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20221124T093447_20221124T093522_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221124T093634_20221124T094238_E001 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 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220221124T085958_20221124T090237_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20221124T093634_20221124T094238_E001 Backscatter Error (Retracker 3), SARIn X-track Angle Error Backscatter Error (Retracker 3), SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more or more SARIn X-track Angle Error SARIn X-track Angle Error	CS_OFFL_SIR_SIN_220221124T093447_20221124T093522_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US OFFI SIR SIN / 202211241094527 202211241094540 F001 ISARIN X-Track Angle From I	CS_OFFL_SIR_SIN_220221124T093634_20221124T094238_E001	Backscatter Error (Retracker 3), SARIn X	
	CS_OFFL_SIR_SIN_220221124T094527_20221124T094540_E001	SARIn X-track Angle Error	

CS_OFFL_SIR_SIN_220221124T095010_20221124T095153_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_220221124T103135_20221124T103137_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_220221124T103612_20221124T103830_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_220221124T103915_20221124T104054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	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_220221124T104106_20221124T104144_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_220221124T104404_20221124T104527_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_220221124T105238_20221124T105401_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_220221124T111853_20221124T112039_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_220221124T112915_20221124T113059_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_220221124T115656_20221124T115921_E001		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_220221124T115950_20221124T120100_E001	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_220221124T120957_20221124T121013_E001	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_220221124T121111_20221124T121133_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_220221124T121542_20221124T122025_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_220221124T125832_20221124T130007_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_220221124T130136_20221124T130254_E001	ISAKIN X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221124T130713_20221124T130959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	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_220221124T135624_20221124T140345_E001	Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model	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_220221124T143818_20221124T144207_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_220221124T144754_20221124T144911_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_220221124T151732_20221124T151838_E001		
00_011	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_220221124T152358_20221124T152521_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	
	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), 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 for one or more records
CS_OFFL_SIR_SIN_220221124T152358_20221124T152521_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model	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 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
CS_OFFL_SIR_SIN_220221124T152358_20221124T152521_E001 CS_OFFL_SIR_SIN_220221124T152615_20221124T152658_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	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 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 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 There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220221124T152358_20221124T152521_E001 CS_OFFL_SIR_SIN_220221124T152615_20221124T152658_E001 CS_OFFL_SIR_SIN_220221124T152846_20221124T152933_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model	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 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 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_220221124T152358_20221124T152521_E001 CS_OFFL_SIR_SIN_220221124T152615_20221124T152658_E001 CS_OFFL_SIR_SIN_220221124T152846_20221124T152933_E001 CS_OFFL_SIR_SIN_220221124T153721_20221124T153838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3), SARIn X-track Angle Error, Surface model	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 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 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 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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20221124T152358_20221124T152521_E001 CS_OFFL_SIR_SIN_2_20221124T152615_20221124T152658_E001 CS_OFFL_SIR_SIN_2_20221124T152846_20221124T152933_E001 CS_OFFL_SIR_SIN_2_20221124T153721_20221124T153838_E001 CS_OFFL_SIR_SIN_2_20221124T153721_20221124T153838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 3), SARIn X- track Angle Error	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 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 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 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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_2_20221124T152358_20221124T152521_E001 CS_OFFL_SIR_SIN_2_20221124T152615_20221124T152658_E001 CS_OFFL_SIR_SIN_2_20221124T152846_20221124T152933_E001 CS_OFFL_SIR_SIN_2_20221124T153721_20221124T153838_E001 CS_OFFL_SIR_SIN_2_20221124T153919_20221124T154051_E001 CS_OFFL_SIR_SIN_2_20221124T161758_20221124T162113_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 3), SARIn X- track Angle Error	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records 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 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 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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records 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_20221124T152358_20221124T152521_E001 CS_OFFL_SIR_SIN_2_20221124T152615_20221124T152658_E001 CS_OFFL_SIR_SIN_2_20221124T152846_20221124T152933_E001 CS_OFFL_SIR_SIN_2_20221124T153721_20221124T153838_E001 CS_OFFL_SIR_SIN_2_20221124T153919_20221124T154051_E001 CS_OFFL_SIR_SIN_2_20221124T161758_20221124T162113_E001 CS_OFFL_SIR_SIN_2_20221124T161758_20221124T162746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 3), Backscatt	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records 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 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 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 There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SIN_220221124T175515_20221124T175927_E001	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_220221124T180534_20221124T180645_E001	IBACKSCATTER FIRM (RETRACKER 3) SARIN XI	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_220221124T184441_20221124T184707_E001	IBACKSCATTEL ELLOL (BETTACKEL 4) SARIN XI	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_220221124T184747_20221124T184908_E001	IBackscatter Error (Retracker 3) SARIN XI	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_220221124T193324_20221124T193450_E001	IBACKSCATTEL ELLOL (BETTACKEL 3) SARIN X1	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_220221124T194249_20221124T194434_E001	IBackscatter Error (Retracker 3) SARIN XI	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_220221124T202153_20221124T202616_E001	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_220221124T202703_20221124T202818_E001	track Angle 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_220221124T203340_20221124T203410_E001	track Angle Error Surface model	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
(S OFFI SIR SIN 2 202211241204122 202211241204337 F001	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_220221124T211234_20221124T211418_E001	IBACKSCATTEL ELLOL (BETTACKEL 3) SARIN X1	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_220221124T212109_20221124T212344_E001	IBACKSCATTEL ELLOL (BETTACKEL 3) SARIN XI	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_220221124T212555_20221124T212726_E001	track Angle Error Surface model	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_2202211241215813_202211241215935_E001	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_220221124T220153_20221124T220237_E001	track Angle 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 the location for one or more records
CS_OFFL_SIR_SIN_220221124T220247_20221124T220714_E001	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 the location for one or more records
CS_OFFL_SIR_SIN_220221124T225200_20221124T225353_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
	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221124T230022_20221124T230349_E001	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_220221124T234146_20221124T234537_E001	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_220221124T235042_20221124T235122_E001	track Angle Error Surface model	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