

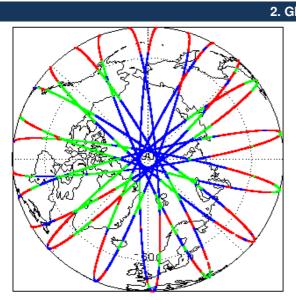
QA4EO Daily Report for OFFLINE data:

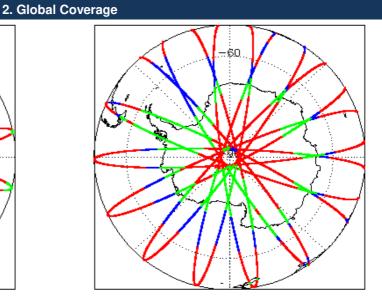
1. Overview

Check Status **Report Production Date:** 21-Jun-2023 Server check: science-pds.cryosat.esa.int Nominal Server check: calval-pds.cryosat.esa.int Nominal Processor Used: CryoSat Ice Processor Product Software Check Nominal Product Format Check Nominal Data Used: L1B and L2 OFFLINE Data Product Header Analysis ee Section 4.2 Star Tracker Usage Check Nominal L1B Tracking Flag Check e Section 4.4 We would love to hear from you! Please let us know your feedback about these daily quality L1B Calibration Usage Check Nominal reports: What do you like/ dislike? What quality information do L1B & L2 Auxiliary Data File Usage Check Nominal you need? Send your feedback to L1B & L2 Auxiliary Correction Error Check See Section 4.7 and 5.4 cs2_qc_team@telespazio.com L1B & L2 Measurement Confidence Data Check See Section 4.8 and 5.5 QCC Errors/ Warnings See Section 6.1, 6.2 and 6.3

Mission / Instrument News 19-May-2023 None 20-May-2023 None

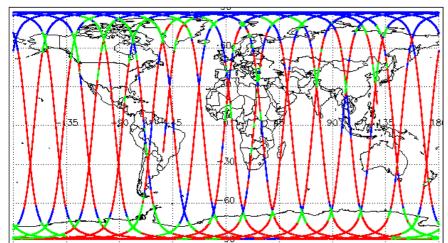
21-May-2023 Nothing planned





20/05/2023

IDEAS-QAHEO

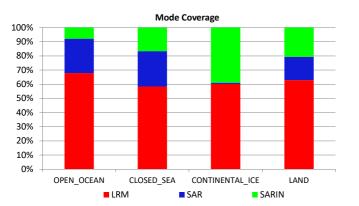


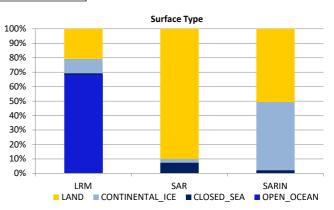


SARIn

14.2

Mode Coverage (%)





3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing. 0

Number of products with errors:

4.4 L1B Tracking Flags Check

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

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230520T000753_20230520T001019_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T001022_20230520T001426_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T003110_20230520T004344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T004907_20230520T005059_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T005103_20230520T005103_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T005105_20230520T005130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T005133_20230520T005134_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T005137_20230520T005553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T005555_20230520T005808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T014020_20230520T014128_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T014342_20230520T014412_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T014435_20230520T014711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T014714_20230520T015018_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T015021_20230520T015431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T021002_20230520T021713_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T021836_20230520T024213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T024514_20230520T025339_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T025654_20230520T032158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T032528_20230520T033002_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T034503_20230520T034546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T034709_20230520T035037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T035040_20230520T035058_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T035308_20230520T035355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T035357_20230520T035406_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T035408_20230520T035445_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T035447_20230520T035616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T035618_20230520T035621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T043539_20230520T050229_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T050235_20230520T050451_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T050537_20230520T050704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T050738_20230520T050749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T050749_20230520T051020_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T062500_20230520T062915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T063249_20230520T063305_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T063444_20230520T064034_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T064322_20230520T064355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T064412_20230520T064545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T064545_20230520T064716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T081542_20230520T082113_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T082317_20230520T082323_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T082333_20230520T082440_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20230520T084442 20230520T091301 E001 CS OFFL SIR LRM 1B 20230520T091309 20230520T091759 E001 CS OFFL SIR LRM 1B 20230520T092551 20230520T093004 E001 CS_OFFL_SIR_LRM_1B_20230520T102102_20230520T102245_E001 CS OFFL SIR LRM 1B 20230520T102720 20230520T104128 E001 CS_OFFL_SIR_LRM_1B_20230520T104131_20230520T104152_E001 CS OFFL SIR LRM 1B 20230520T104155 20230520T104158 E001 CS OFFL SIR LRM 1B 20230520T104200 20230520T104202 E001 CS_OFEL_SIB_LBM_1B_20230520T104204_20230520T104204_E001 CS OFFL SIR LRM 1B 20230520T104213 20230520T105037 E001 CS_OFFL_SIR_LBM_1B_20230520T110503_20230520T110711_E001 CS OFFL SIR LRM 1B 20230520T111556 20230520T112634 E001 CS OFFL SIR LRM 1B 20230520T112636 20230520T112819 E001 CS OFFL SIR LRM 1B 20230520T120013 20230520T120117 E001 CS_OFFL_SIR_LBM_1B_20230520T120122_20230520T120300_E001 CS_OFFL_SIR_LRM_1B_20230520T120302_20230520T120546_E001 CS OFFL SIR LRM 1B 20230520T120953 20230520T121922 E001 CS_OFFL_SIR_LRM_1B_20230520T122125_20230520T122839_E001 CS OFFL SIR LRM 1B 20230520T125804 20230520T130050 E001 CS_OFFL_SIR_LRM_1B_20230520T130053_20230520T130140_E001 CS_OFFL_SIR_LRM_1B_20230520T130144_20230520T130203_E001 CS_OFFL_SIR_LBM_1B_20230520T130206_20230520T130225_E001 CS OFFL SIR LRM 1B 20230520T130948 20230520T131121 E001 CS OFFL SIR LRM 1B 20230520T131123 20230520T131803 E001 CS_OFFL_SIR_LRM_1B_20230520T131932_20230520T132246_E001 CS OFFL SIR LRM 1B 20230520T133853 20230520T134403 E001 CS OFFL SIR LRM 1B 20230520T134429 20230520T134802 E001 CS OFFL SIR LRM 1B 20230520T134804 20230520T134809 E001 CS OFFL SIR LRM 1B 20230520T134812 20230520T134929 E001 CS OFFL SIR LRM 1B 20230520T135124 20230520T135227 E001 CS OFFL SIR LRM 1B 20230520T142335 20230520T142458 E001 CS_OFFL_SIR_LRM_1B_20230520T142952_20230520T145223_E001 CS OFFL SIR LRM 1B 20230520T145225 20230520T145244 E001 CS_OFFL_SIR_LRM_1B_20230520T145247_20230520T145640_E001 CS OFFL SIR LRM 1B 20230520T145652 20230520T150407 E001 CS_OFFL_SIR_LRM_1B_20230520T151829_20230520T152124_E001 CS OFFL SIR LRM 1B 20230520T152140 20230520T152525 E001 CS_OFFL_SIR_LRM_1B_20230520T152921_20230520T155444_E001 CS_OEEL_SIB_LBM_1B_20230520T163754_20230520T163831_E001 CS_OFFL_SIR_LRM_1B_20230520T163854_20230520T164040_E001 CS_OFFL_SIR_LBM_1B_20230520T165851_20230520T170427_E001 CS_OFFL_SIR_LRM_1B_20230520T170439_20230520T170652_E001 CS_OFFL_SIB_LBM_1B_20230520T170655_20230520T170715_E001 CS OFFL SIR LRM 1B 20230520T170717 20230520T170726 E001 CS_OFFL_SIB_LBM_1B_20230520T170730_20230520T171340_E001 CS_OFFL_SIR_LRM_1B_20230520T171342_20230520T173453_E001 CS OFFL SIR LRM 1B 20230520T174133 20230520T174504 E001 CS_OFFL_SIR_LRM_1B_20230520T174859_20230520T182256_E001 CS OFFL SIR LRM 1B 20230520T183556 20230520T183731 E001 CS_OFFL_SIR_LRM_1B_20230520T183953_20230520T184134_E001 CS_OFFL_SIR_LRM_1B_20230520T184208_20230520T184339_E001 CS_OFFL_SIR_LBM_1B_20230520T184743_20230520T184858_E001 CS OFFL SIR LRM 1B 20230520T185042 20230520T185524 E001 CS OFFL SIR LRM 1B 20230520T185526 20230520T185534 E001 CS_OFFL_SIR_LRM_1B_20230520T185619_20230520T190039_E001 CS OFFL SIR LRM 1B 20230520T190201 20230520T190544 E001 CS OFFL SIR LRM 1B 20230520T191635 20230520T192157 E001 CS OFFL SIR LRM 1B 20230520T202119 20230520T202331 E001 CS OFFL SIR LRM 1B 20230520T202529 20230520T203050 E001 CS OFFL SIR LRM 1B 20230520T205605 20230520T210057 E001 CS OFFL SIR LRM 1B 20230520T210739 20230520T211315 E001 CS_OFFL_SIR_LRM_1B_20230520T211325_20230520T213946_E001 CS OFFL SIR LRM 1B 20230520T214235 20230520T214421 E001 CS_OFFL_SIR_LRM_1B_20230520T224710_20230520T225306_E001

Loss of echo oss of echo Loss of echo oss of echo Loss of echo

The tracking echo is missing for one or more records The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230520T225348_20230520T225456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T225459_20230520T230245_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T230247_20230520T230252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T230254_20230520T231633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T231723_20230520T231919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T232009_20230520T232150_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T232154_20230520T232156_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T232201_20230520T232328_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230520T235524_20230521T001022_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

 Number of products with errors:
 0

5

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.

4.7 L1B Auxiliary Correction Error Check

Number of products with errors:

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

Product	Test Failed	Description
CS_OFFL_SIR_SAR_1B_20230520T063153_20230520T063154_E001	Dry tropospheric Correction Error, Wet tro	#VALUE!
CS_OFFL_SIR_SAR_1B_20230520T213955_20230520T213955_E001	Dry tropospheric Correction Error, Wet tro	#VALUE!
CS_OFFL_SIR_SAR_1B_20230520T213956_20230520T214000_E001	Dry tropospheric Correction Error, Wet tro	#VALUE!
CS_OFFL_SIR_SAR_1B_20230520T214024_20230520T214025_E001	Dry tropospheric Correction Error, Wet tro	#VALUE!
CS_OFFL_SIR_SAR_1B_20230520T214207_20230520T214207_E001	Dry tropospheric Correction Error, Wet tro	#VALUE!

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: 0

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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.

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230520T105923_20230520T110444_E001	Slope model	There is an error with the Slope Model for one or more records
CS OFFL SIR SAR 2 20230520T002904 20230520T003110 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_220230520T004344_20230520T004824_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_220230520T004859_20230520T004906_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T005808_20230520T005900_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_20230520T011626_20230520T011715_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_220230520T013131_20230520T013847_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_220230520T013847_20230520T013944_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_220230520T013947_20230520T014020_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_220230520T020306_20230520T020330_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 20230520T020514 20230520T020549 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230520T020602 20230520T020839 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 20230520T024214 20230520T024321 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
	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_20230520T025542_20230520T025653_E001		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_220230520T033002_20230520T033124_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_220230520T042102_20230520T042301_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T043435_20230520T043539_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_220230520T050451_20230520T050536_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_220230520T051021_20230520T051409_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_220230520T055958_20230520T060254_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_220230520T061336_20230520T061406_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_220230520T062003_20230520T062459_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_220230520T062915_20230520T063150_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_20230520T063153_20230520T063154_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow	The auxiliary corrections are missing for one or more record; under investigation.
	depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230520T063156_20230520T063249_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T064035_20230520T064116_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_220230520T064717_20230520T064830_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_220230520T064903_20230520T065021_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_220230520T065230_20230520T065302_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_220230520T070318_20230520T070357_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_220230520T073916_20230520T074226_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_220230520T075220_20230520T075359_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_220230520T082113_20230520T082219_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_220230520T082243_20230520T082317_E001	Snow depth model	There is an error with the Snew Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T082441_20230520T082550_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 20230520T082550 20230520T083035 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230520T083058 20230520T083213 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
US OFFL SIR SAR 2 202305201083414 202305201084442 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_20230520T083414_20230520T084442_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_2_20230520T091759_20230520T091942_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 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_220230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_220230520T092544_20230520T092550_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 falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_2_20230520T092544_20230520T092550_E001 CS_OFFL_SIR_SAR_2_20230520T093112_20230520T093353_E001	Snow depth model Snow depth model Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_2_20230520T092544_20230520T092550_E001 CS_OFFL_SIR_SAR_2_20230520T093112_20230520T093353_E001 CS_OFFL_SIR_SAR_2_20230520T095934_20230520T100104_E001	Snow depth model Snow depth model Snow depth model Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_2_20230520T092544_20230520T092550_E001 CS_OFFL_SIR_SAR_2_20230520T093112_20230520T093353_E001 CS_OFFL_SIR_SAR_2_20230520T095934_20230520T100104_E001 CS_OFFL_SIR_SAR_2_20230520T100830_20230520T100904_E001	Snow depth model Snow depth model Snow depth model Snow depth model Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_2_20230520T092544_20230520T092550_E001 CS_OFFL_SIR_SAR_2_20230520T093112_20230520T093353_E001 CS_OFFL_SIR_SAR_2_20230520T095934_20230520T100104_E001 CS_OFFL_SIR_SAR_2_20230520T100830_20230520T100904_E001 CS_OFFL_SIR_SAR_2_20230520T102245_20230520T102254_E001	Snow depth model Snow depth model Snow depth model Snow depth model Snow depth model Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_2_20230520T092544_20230520T092550_E001 CS_OFFL_SIR_SAR_2_20230520T093112_20230520T093353_E001 CS_OFFL_SIR_SAR_2_20230520T095934_20230520T100104_E001 CS_OFFL_SIR_SAR_2_20230520T100830_20230520T100904_E001 CS_OFFL_SIR_SAR_2_20230520T102245_20230520T102254_E001 CS_OFFL_SIR_SAR_2_20230520T102255_20230520T102419_E001	Snow depth model Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230520T091759_20230520T091942_E001 CS_OFFL_SIR_SAR_2_20230520T092544_20230520T092550_E001 CS_OFFL_SIR_SAR_2_20230520T093112_20230520T093353_E001 CS_OFFL_SIR_SAR_2_20230520T095934_20230520T100104_E001 CS_OFFL_SIR_SAR_2_20230520T100830_20230520T100904_E001 CS_OFFL_SIR_SAR_2_20230520T102245_20230520T102254_E001	Snow depth model Snow depth model Snow depth model Snow depth model Snow depth model Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

		There is an error with the Coow Dorth value, where one or more records
CS_OFFL_SIR_SAR_220230520T105727_20230520T105750_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_220230520T110444_20230520T110450_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_220230520T110457_20230520T110502_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_220230520T110855_20230520T110901_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_220230520T110901_20230520T111555_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_220230520T112819_20230520T113007_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 20230520T113850 20230520T114016 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230520T114717 20230520T114724 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 20230520T121923 20230520T122125 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_220230520T122839_20230520T122956_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_220230520T123616_20230520T123705_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_220230520T124345_20230520T124348_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T124356_20230520T124402_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_220230520T125510_20230520T125804_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_220230520T130444_20230520T130750_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_220230520T130806_20230520T130948_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_220230520T131803_20230520T131932_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_20230520T132410_20230520T132631_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230520T132707_20230520T132740_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 20230520T134403 20230520T134412 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_220230520T134414_20230520T134429_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_220230520T135228_20230520T135455_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T135457_20230520T135952_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_220230520T141524_20230520T141622_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_220230520T142819_20230520T142951_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_220230520T145641_20230520T145652_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_220230520T155445_20230520T155555_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_220230520T160714_20230520T160918_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_220230520T163559_20230520T163754_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_20230520T165624_20230520T165851_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 20230520T170427 20230520T170439 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230520T173454 20230520T173523 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_220230520T174624_20230520T174859_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_220230520T182422_20230520T182427_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_220230520T183455_20230520T183556_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230520T183731_20230520T183952_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_220230520T184412_20230520T184511_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_20230520T184644_20230520T184742_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_20230520T190544_20230520T190722_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_220230520T190943_20230520T191142_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_220230520T191331_20230520T191507_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_20230520T192507_20230520T192826_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_20230520T200144_20230520T200410_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230520T201150_20230520T201323_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_2_20230520T201407_20230520T201434_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_220230520T201932_20230520T202118_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230520T202332_20230520T202528_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230520T203859_20230520T204046_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_20230520T205217_20230520T205449_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_220230520T210424_20230520T210739_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_220230520T213947_20230520T213953_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_20230520T213956_20230520T214000_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model	The auxiliary corrections are missing for one or more record; under investigation.
CS_OFFL_SIR_SAR_2_20230520T214002_20230520T214022_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_20230520T214024_20230520T214025_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model	The auxiliary corrections are missing for one or more record; under investigation.
CS_OFFL_SIR_SAR_2_20230520T214028_20230520T214201_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_220230520T214209_20230520T214235_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_220230520T215346_20230520T215624_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_20230520T215716_20230520T220033_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_220230520T220410_20230520T220540_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_220230520T222837_20230520T223535_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_20230520T224630_20230520T224709_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_220230520T225307_20230520T225347_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_220230520T231919_20230520T231935_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_220230520T231936_20230520T232008_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_220230520T233741_20230520T233745_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_20230520T234344_20230520T234454_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_20230520T235310_20230520T235523_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_220230520T060254_20230520T060638_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T074227_20230520T074543_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230520T110712_20230520T110854_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T124537_20230520T125150_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T142459_20230520T142818_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T192157_20230520T192507_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T210057_20230520T210423_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T223535_20230520T223810_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230520T224003_20230520T224328_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230519T235502_20230520T000424_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_2_20230520T003110_20230520T004344_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_220230520T005137_20230520T005553_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230520T005555_20230520T005808_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_220230520T011716_20230520T013130_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_220230520T014714_20230520T015018_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230520T021002_20230520T021713_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_220230520T021836_20230520T024213_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_220230520T025654_20230520T032158_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_220230520T033124_20230520T033135_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_220230520T033135_20230520T033201_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_220230520T035447_20230520T035616_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_220230520T035623_20230520T042101_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_220230520T043539_20230520T050229_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_220230520T052753_20230520T055958_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_220230520T061407_20230520T062002_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_220230520T063444_20230520T064034_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_220230520T065124_20230520T065230_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_220230520T070543_20230520T073916_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_220230520T075359_20230520T081226_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_220230520T081542_20230520T082113_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_220230520T082333_20230520T082440_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_220230520T084442_20230520T091301_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_220230520T091309_20230520T091759_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_220230520T093353_20230520T095933_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_220230520T100104_20230520T100811_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_220230520T102419_20230520T102632_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_220230520T102720_20230520T104128_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_220230520T104131_20230520T104152_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_220230520T104213_20230520T105037_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_220230520T111556_20230520T112634_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_220230520T113007_20230520T113849_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_220230520T114017_20230520T114717_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_220230520T120953_20230520T121922_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_220230520T122125_20230520T122839_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_220230520T122956_20230520T123616_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_220230520T131123_20230520T131803_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_220230520T131932_20230520T132246_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_220230520T134429_20230520T134802_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230520T134812_20230520T134929_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230520T135953_20230520T141523_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_220230520T142952_20230520T145223_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_220230520T145247_20230520T145640_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_220230520T152921_20230520T155444_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_220230520T160918_20230520T163558_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_220230520T163854_20230520T164040_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_220230520T170730_20230520T171340_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_220230520T171342_20230520T173453_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_220230520T174859_20230520T182256_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_220230520T183556_20230520T183731_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_220230520T190201_20230520T190544_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_220230520T191635_20230520T192157_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230520T192827_20230520T200144_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_220230520T201434_20230520T201806_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_220230520T202119_20230520T202331_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_220230520T203409_20230520T203859_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_220230520T204047_20230520T205217_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_220230520T210739_20230520T211315_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_220230520T211325_20230520T213946_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_220230520T220033_20230520T220410_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_220230520T220541_20230520T222836_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20230520T224710_20230520T225306_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_220230520T225459_20230520T230245_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_220230520T230254_20230520T231633_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_220230520T233745_20230520T234343_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_220230520T234454_20230520T235309_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_2_20230520T001603_20230520T001854_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_20230520T001855_20230520T002120_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_20230520T002904_20230520T003110_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_20230520T005808_20230520T005900_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_20230520T011626_20230520T011715_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_20230520T013131_20230520T013847_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_20230520T015431_20230520T020043_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_20230520T020306_20230520T020330_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_220230520T020514_20230520T020549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

Number 1 Decision for (freedow 5) Number 2 Numbe	CS OFFL SIR SAR 2 20230520T020602 20230520T020839 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Control Control Description Description Description CONTROL Control Description		Backscatter Error (Retracker 3) Backscatter Error (Retracker 2).	
CLUMIC CLUMIC CLUCK	CS_OFFL_SIR_SAR_220230520T024214_20230520T024321_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Charl, Die Sund Zusachen und der Gester fürster Fürster der Sund der Gester Fürster Sund der Gester Sun	CS_OFFL_SIR_SAR_220230520T025542_20230520T025653_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CCUTCUTCUTCUTCUTCUTCUTCUTCUTCUTCUT	CS_OFFL_SIR_SAR_220230520T033202_20230520T033424_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
City Line, Sev C. 2010, Control Exect (Monten Exact Function Execution Control Execution Contre Execution Control Execution Contrel Execution Control E	CS_OFFL_SIR_SAR_220230520T033443_20230520T033449_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Col: OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an 2 of an an inner except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an 2 of an an inner except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an 2 of an an inner except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an 2 of an an inner except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an 2 of an an inner except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The Standball and the finance of an an one except DS, OFFL GRI SAR 2 ADDRESS TOTAL SALE The	CS_OFFL_SIR_SAR_220230520T033633_20230520T034026_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Cold Chill, Sim Sun 2. 20208207031661. 20203207031662. 202032070703162. 20203207031662. 20203207031662. 2020320	CS_OFFL_SIR_SAR_2_20230520T042102_20230520T042301_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Corr Unit Start - Exclusion of the	CS_OFFL_SIR_SAR_220230520T043435_20230520T043539_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Chr. Lin Still Expectation The is a backacture error for Matsaker 2 and 3 for an or more records CS, DFL, SRL SAR 2_00200011061308_002000000000000000000000000000000000	CS_OFFL_SIR_SAR_220230520T051021_20230520T051409_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Dis. Dr. L. 2003/06/00/10/10/06 2003/06/01/06/10/2001 Backsonality From (Reinsder 2) There is a backsonality and the Reinsder 2 and 3 for one of more records Dis. OFFL_SIR_SAR_2_DISSOUTING/08_DISSOUTING/	CS_OFFL_SIR_SAR_220230520T051543_20230520T051846_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Col_DFL_SN_SN_2N_2_2_22222201004201_222222201004201_E001 Backscaler Error (Interacter 3) There is a backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_2_22222201004203_20220104401_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_2_2222220104403_2022020104416_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_2_2222220104403_2022020104416_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_R_2_2022020106403_2022020104416_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_R_2_2022020106403_2022020106403_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_R_2_2022020106403_202202000500106530_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_R_2_2022030106404_20220500106530_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_R_2_2022030106540_202205201073016_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_2_R_2_202205201073516_20108205_E001 Backscaler Error (Interacter 2), Backscaler error for Renacter 2 and 3 for one or more records Col_DFL_SN_SN_SAR_	CS_OFFL_SIR_SAR_220230520T051958_20230520T052155_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CALLERING, SAN, 2., 2023005011083, 202300501108449, EX01 Backscaller Error (Retracker 2), Eachscaller Error (Retracker 3), CS, OFFL, SIR, SAR 2, 202305201064083, 202305201065021, EX01 Eachscaller Error (Retracker 3), Eachscaller Error (CS_OFFL_SIR_SAR_220230520T055958_20230520T060254_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Col. DFT: SIN, SIN 2. ALXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	CS_OFFL_SIR_SAR_220230520T061336_20230520T061406_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Concern Service Concern Service Concern Service Concern Service CS_OFFL_SIR_SAR_2_0023020106403_022020106430_E001 Backcatter Error (Beracker 2), Backcatter Error (Beracker 2), Backcat	CS_OFFL_SIR_SAR_2_20230520T062003_20230520T062459_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backstatter Error (Hertacker 2) GS_OFFL_SIR_SAR_2_202305201706502_2001 Backstatter Error (Hertacker 2) GS_OFFL_SIR_SAR_2_202305201706502_20230520106502_E001 Backstatter Error (Hertacker 2) Backstatter Error (Hertacker 2) Back	CS_OFFL_SIR_SAR_2_20230520T064035_20230520T064116_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CPFL_SIR_SAR_2_20230520106302_002000003302_E001 Backetaster Error (Retracker 2), Backetaster Error (Retracker 2), Backe	CS_OFFL_SIR_SAR_2_20230520T064717_20230520T064830_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFF_SIR_SAR_2_202305207065504_2023052070151_E001 Backscatter Error (Retracker 9) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207073916_202305207074228_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207073916_202305207074228_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207075292_002305207074228_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520708219_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207082141_202305207082590_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207082590_202305207083058_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207083058_202305207083058_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305207083058_20305207083058_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS	CS_OFFL_SIR_SAR_2_20230520T064903_20230520T065021_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20230520106544_20230520100151_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201075220_202305201075529_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201075520_02305201075529_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201082113_0230520108250_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_202305201082141_02305201082550_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520108256_0230520108325_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_2_20230520T065230_20230520T065302_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202305201073316_02305201073259_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201082113_202305201082219_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_202305201082113_202305201082219_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_20230520108250_202305201083205_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_20230520108250_202305201083035_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_202305201083054_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_202305201083114_202305201083414_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_202305201093112_202305201093452_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_20230520T065404_20230520T070151_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202305201082010/3259_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201082113_202305201082259_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520108250_202305201082550_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520108250_202305201083035_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201083058_20305201083035_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201083058_202305201083013_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201083414_202305201084442_E001 Backscatter Error (Retracker 3). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201093414_202305201091942_E001 Backscatter Error (Retracker 2). There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520109335_E001 Backscatter Error (Retracker 2). There is a backscatter error for Retracker 2 and 3 for one or more records CS_	CS_OFFL_SIR_SAR_220230520T073916_20230520T074226_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202305201082119_200305201082159_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3)	CS_OFFL_SIR_SAR_2_20230520T075220_20230520T075359_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T082550_20230520T083035_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_20230520T091759_20230520T091942_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_20230520T095934_20230520T100104_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_20230520T100302_20230520T100904_E001 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_20230520T082113_20230520T082219_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_202305201083058_20230520108305_E001 Backscatter Error (Retracker 3) Intere is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201083058_202305201083213_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_202305201083414_202305201084442_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_202305201091759_202305201091442_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_202305201093112_20230520109353_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_202305201095934_202305201100104_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202305201100830_202305201100904_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_202305201101340_202305201102102_E001 Backscatter Error (Retracker 2), B	CS_OFFL_SIR_SAR_220230520T082441_20230520T082550_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T083414_20230520T084442_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_20230520T093414_20230520T091942_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_20230520T093112_20230520T091942_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_20230520T093112_20230520T093353_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_20230520T095934_20230520T100104_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_20230520T100830_20230520T100904_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker	CS_OFFL_SIR_SAR_220230520T082550_20230520T083035_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T08444_20230520T091942_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520T091759_20230520T093353_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_20230520T093112_20230520T093353_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_20230520T095934_20230520T100104_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_20230520T100830_20230520T100904_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_20230520T101340_20230520T100904_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_20230520T101340_20230520T102102_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_20230520T102255_20230520T102720_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records </td <td>CS_OFFL_SIR_SAR_220230520T083058_20230520T083213_E001</td> <td></td> <td>There is a backscatter error for Retracker 2 and 3 for one or more records</td>	CS_OFFL_SIR_SAR_220230520T083058_20230520T083213_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202305201091759_202305201093353_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_20230520T100830_20230520T100104_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_20230520T100830_20230520T100904_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_20230520T101340_20230520T102102_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_20230520T102255_20230520T102102_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_20230520T102255_20230520T102255_20230520T102720_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_20230520T102632_20230520T102720_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or mo	CS_OFFL_SIR_SAR_220230520T083414_20230520T084442_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T095934_20230520T100104_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_20230520T100830_20230520T100904_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_20230520T100830_20230520T100904_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_20230520T101340_20230520T102102_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_20230520T102255_20230520T102102_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_20230520T102255_20230520T102419_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_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscat	CS_OFFL_SIR_SAR_220230520T091759_20230520T091942_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T100830_20230520T100904_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520T100830_20230520T100904_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_20230520T101340_20230520T102102_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_20230520T102255_20230520T102419_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_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_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_20230520T093112_20230520T093353_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T100830_20230520T102102_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520T101340_20230520T102102_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_20230520T102255_20230520T102419_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_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_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_220230520T095934_20230520T100104_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T10255_20230520T102419_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520T10255_20230520T102419_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_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_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_20230520T100830_20230520T100904_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230520T10253_20230520T102419_E00T Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230520T102632_20230520T102720_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_20230520T102632_20230520T102720_E001 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_20230520T101340_20230520T102102_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202305201102532_202305201102/20_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Determine a backscatter error for Petracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20230520T102255_20230520T102419_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_20230520T102632_20230520T102720_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20230520T105037_20230520T105157_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230520T105727_20230520T105750_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_220230520T110855_20230520T110901_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_220230520T110901_20230520T111555_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_220230520T112819_20230520T113007_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_220230520T113850_20230520T114016_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_220230520T114717_20230520T114724_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_220230520T115254_20230520T115814_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_220230520T121923_20230520T122125_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_220230520T122839_20230520T122956_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_220230520T123616_20230520T123705_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_220230520T125510_20230520T125804_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_220230520T131803_20230520T131932_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_220230520T132410_20230520T132631_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_220230520T132707_20230520T132740_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_220230520T133143_20230520T133607_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_20230520T133607_20230520T133734_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_220230520T135457_20230520T135952_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_220230520T141524_20230520T141622_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_220230520T142819_20230520T142951_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_220230520T151006_20230520T151036_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_220230520T151128_20230520T151533_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_220230520T151541_20230520T151829_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_220230520T155445_20230520T155555_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_220230520T160714_20230520T160918_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_220230520T163559_20230520T163754_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_220230520T164659_20230520T165412_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_220230520T165541_20230520T165558_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_220230520T165624_20230520T165851_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_220230520T173454_20230520T173523_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_220230520T174624_20230520T174859_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_220230520T182629_20230520T183250_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_220230520T183251_20230520T183314_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_220230520T183455_20230520T183556_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_220230520T183731_20230520T183952_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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CS_OFFL_SIR_SAR_2_20230520T220410_20230520T220540_E001 Backscatter Error (R Backscatter Error (R	
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CS_OFFL_SIR_SAR_2_20230520T224630_20230520T224709_E001 Backscatter Error (R Backscatter Error (R	
CS_OFFL_SIR_SAR_2_20230520T225307_20230520T225347_E001 Backscatter Error (R Backscatter Error (R	
CS_OFFL_SIR_SAR_2_20230520T232329_20230520T232352_E001 Backscatter Error (R Backscatter Error (R	
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CS_OFFL_SIR_SAR_2_20230520T233741_20230520T233745_E001 Backscatter Error (R Backscatter Error (R	
CS_OFFL_SIR_SAR_2_20230520T234344_20230520T234454_E001 Backscatter Error (R Backscatter Error (R	
CS_OFFL_SIR_SAR_2_20230520T235310_20230520T235523_E001 Backscatter Error (R Backscatter Error (R	
CS_OFFL_SIR_SIN_2_20230520T000425_20230520T000753_E001 Backscatter Error (R track Angle Error, Su unavailable	(Retracker 3), SARIn X was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20230520T001427_20230520T001602_E001 Backscatter Error (R Backscatter Error (R	(Retracker 2),
CS_OFFL_SIR_SIN_2_20230520T002121_20230520T002234_E001 Backscatter Error (R Backscatter Error (R track Angle Error	

CS_OFFL_SIR_SIN_220230520T002412_20230520T002640_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_220230520T005900_20230520T010001_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_220230520T010107_20230520T010701_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_220230520T011441_20230520T011625_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_220230520T014129_20230520T014342_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230520T014412_20230520T014435_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230520T020044_20230520T020305_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_220230520T020330_20230520T020514_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_220230520T020550_20230520T020602_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20230520T020839_20230520T021002_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_220230520T021714_20230520T021836_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_220230520T024322_20230520T024513_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_220230520T025339_20230520T025542_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_220230520T032158_20230520T032527_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230520T033424_20230520T033442_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_220230520T033450_20230520T033632_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_220230520T034027_20230520T034502_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_220230520T042302_20230520T042439_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_220230520T042601_20230520T042726_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T043142_20230520T043434_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_220230520T051409_20230520T051542_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_220230520T051847_20230520T051957_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_220230520T052155_20230520T052752_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_220230520T060254_20230520T060638_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_220230520T061222_20230520T061336_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_220230520T064116_20230520T064321_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_220230520T065034_20230520T065124_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_220230520T065303_20230520T065404_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_220230520T070152_20230520T070317_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_220230520T070357_20230520T070543_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_220230520T074227_20230520T074543_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_220230520T075056_20230520T075219_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T081226_20230520T081541_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_220230520T083214_20230520T083414_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_220230520T091943_20230520T092339_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_220230520T093005_20230520T093111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T100904_20230520T101106_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T101223_20230520T101339_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T105751_20230520T105923_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_220230520T110712_20230520T110854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T114725_20230520T115111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Batracker 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_220230520T115118_20230520T115253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230520T115814_20230520T115954_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230520T120546_20230520T120952_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_220230520T123706_20230520T123849_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_220230520T124537_20230520T125150_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230520T130225_20230520T130443_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230520T132632_20230520T132706_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_220230520T132741_20230520T133143_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_220230520T133734_20230520T133820_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_220230520T134930_20230520T135123_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230520T141622_20230520T141832_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T142314_20230520T142319_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T142459_20230520T142818_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_220230520T150616_20230520T151005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230520T151037_20230520T151128_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_220230520T151534_20230520T151540_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_220230520T152533_20230520T152920_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230520T155555_20230520T155813_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T160214_20230520T160218_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230520T160559_20230520T160714_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_220230520T164040_20230520T164659_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_220230520T165413_20230520T165540_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_220230520T165558_20230520T165624_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_220230520T173523_20230520T173647_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230520T174505_20230520T174623_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_220230520T182256_20230520T182421_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_220230520T182459_20230520T182629_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_220230520T183314_20230520T183454_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_220230520T184339_20230520T184412_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_220230520T184512_20230520T184643_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_220230520T191507_20230520T191634_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_220230520T192157_20230520T192507_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_220230520T201323_20230520T201407_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_220230520T201806_20230520T201932_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20230520T203050_20230520T203409_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_220230520T205450_20230520T205604_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_220230520T210057_20230520T210423_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_220230520T211316_20230520T211324_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_220230520T215207_20230520T215346_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_220230520T215624_20230520T215715_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_220230520T223535_20230520T223810_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_220230520T224003_20230520T224328_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_220230520T224411_20230520T224630_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_220230520T232352_20230520T232531_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_220230520T233047_20230520T233207_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_220230520T233520_20230520T233741_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